

Comparison with other sources of protein-chemical interactions

For an additional test of this approach, we compared our set of candidate complexes to interactions with measured affinities from BindingDB⁷, that includes 1277 protein-chemical pairs, 323 with high (<50 nM) affinity. 71 of those were in our candidate set, including 27 high-affinity complexes. For 34 complexes we obtain confident predictions. For high-affinity complexes the corresponding numbers are 20 and 10. When considering all predictions, there is no correlation between measured affinity and p-value (data not shown); this is not surprising as all affinities are considered together when constructing our dataset (i.e. all interactions of known structure regardless of affinity, and the range of affinities ranges from high micro to picomolar). However, if we restrict the set of potential complexes to those where all the complexes used to make the predictions have a measured high affinity (54 cases where all three intermediate complexes have IC₅₀ or K_i <50 nM and 172, <1000nM), the affinity of the resulting complex is no more than an order of magnitude lower than the original values (data not shown). Thus high-affinity known complexes tend to predict other high-affinity complexes.

We tested our predictions against the STITCH database that includes 1,322,502 high-confidence protein-chemical interactions supported by experimental or literature evidence⁸ that involve 305,953 proteins and 6589 distinct chemicals. Of those, 1879 proteins and 655 chemicals appear in resolved 3D structures, and 341 protein-chemical pairs are included in our candidate dataset, and 173 of them (51%) have a p-value <0.05.

Rationale for cutoff choice

As can be seen from Figure S3, the cutoff that best separates the positive and the negative datasets corresponds to $p=0.2$. However, we chose to apply a more stringent cutoff of $p=0.05$ to avoid high false positive rate. Indeed, for $p=0.2$, sensitivity (number of real complexes from the positive dataset that score better than this threshold) is 43%, while false discovery rate (number of random complexes from the negative dataset that score better than the threshold) is, by definition, 20%. For $p=0.05$, sensitivity is 23% (drops roughly twice), while false discovery rate is 5% (drops 4 times).

Kinase-inhibitor complexes

In our candidate dataset, we found 15 potential kinase-inhibitor complexes, for which there is experimental evidence of their existence, but no 3D structure have been determined. They are listed in the table below together with corresponding p-values and minimal distance of the modelled inhibitor to the protein. For 7 of 15 complexes, p-value is less than 0.05 and minimal distance is greater than 2 Å, indicating structurally very sound prediction. For additional 4, minimal distance is less than 2 Å, which means that some adjustment of the side chains may be needed to accommodate the inhibitor. For one complex, p-value is 0.11, and minimal distance is less than 2 Å, and for three, we cannot construct any plausible structure.

Kinase	Inhibitor	Reference	P-value	Minimal distance (Å)
ROCK2	H89		0	2.2
KPCT	Ruboxistaurosporin		0	1.3
CSK21	LY294002		–	–
CSK21	Quercitin		–	–
AAKG1	Quercitin		0	0.9
PIM1	Gefitinib		0.11	0.7
LCK	Indirubine-3'-monoxime		0.02	1.4
CDK2	Purvalanol A		0	1.9
SRC	PD173955		0.04	2.6
SGK1	Indirubine-3'-monoxime		0	2.2
CSK	PP2		0	2.8
CDK2	Indirubine-3'-monoxime		0	2.6
ERBB2	Lapatinib		–	–
MAPK2	Fasudil		0.02	2.7
EGFR	Staurosporine		0	2.3

Our method can assist in understanding the structural basis of inhibitor selectivity. For example, for fasudil, a Rho-associated kinase inhibitor (and its analog H-1152P), which are known and predicted by our method to have a wide spectrum of kinase inhibition, an explanation comes at least partly from the 3D structure of the inhibitor. Although quite

dissimilar to ATP in 2D representations, Fasudil occupies a very similar volume (Fig. S4A). In contrast we predict flavopiridol to have a smaller spectrum, which can possibly be explained by the extra aromatic ring extruding from the ATP volume (Fig. S4B).

Supplementary figure legends

Figure S1.

Fraction of drugs (as defined in DrugBank) in different target sets.

Figure S2.

Growth of experimentally identified (red) and confidently predicted (green) 3D structures of proteins-chemical complexes over last 30 years. The number of experimentally identified complexes was calculated as the total number of complexes, for which the PDB entry dates not later than the corresponding year, the number of predicted complexes as those, for which all three intermediate PDB entries date not later than the corresponding year.

Figure S3.

Score distributions for the positive (red) and the negative (black) datasets. Vertical lines denote scores corresponding to cutoffs $p < 0.05$ and $p < 0.2$.

Figure S4.

Structural comparison of predicted conformations of selected kinase inhibitors with ATP. (A): A promiscuous inhibitor fasudil adopts a similar conformation. Superimposition of ATP co-crystallized with Mevalonate kinase from rat (PDB 1KVK) with fasudil modeled into the structure of Mevalonate kinase using complexes of bovine cAMP-dependent protein kinase with ATP (PDB 1Q24) and fasudil (PDB 1Q8W). (B): A selective inhibitor flavopiridol adopts a distinct conformation. Superimposition of ATP co-crystallized with bovine rhodopsin kinase (PDB code 3C4W) with flavopiridol modeled into the structure of bovine rhodopsin kinase using complexes of human cell division protein kinase 9 with ATP (PDB code 3BLQ) and flavopiridol (PDB code 3BLR).

Figure S1

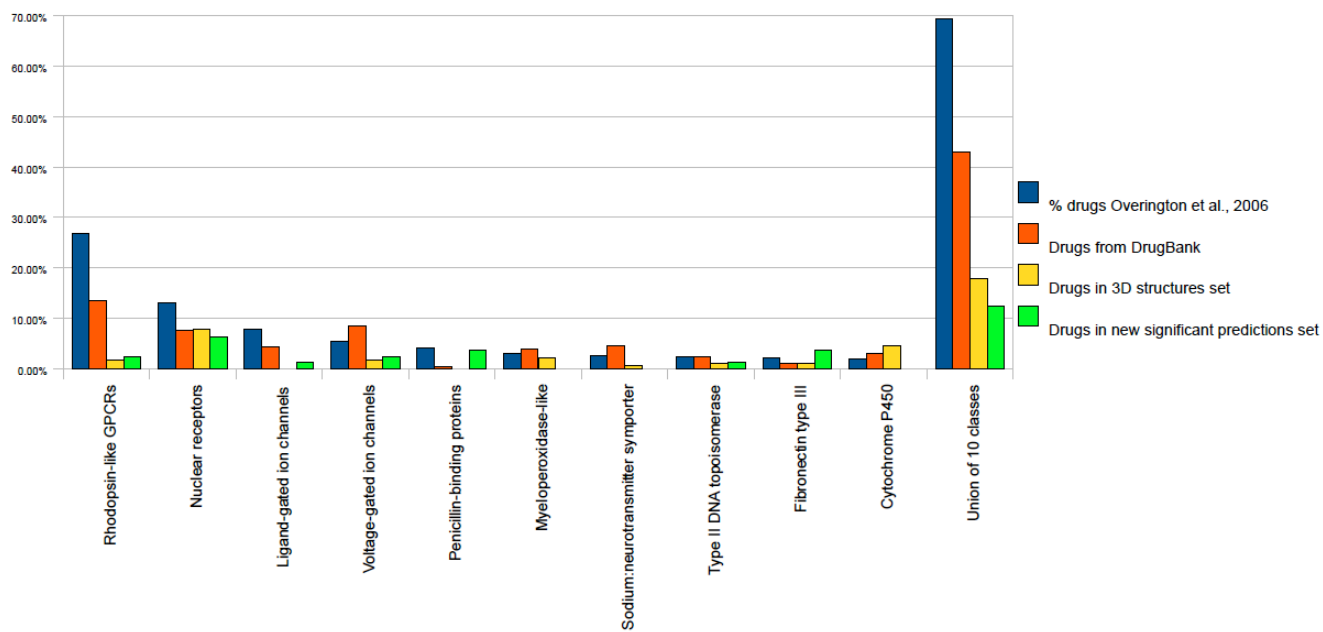


Figure S2

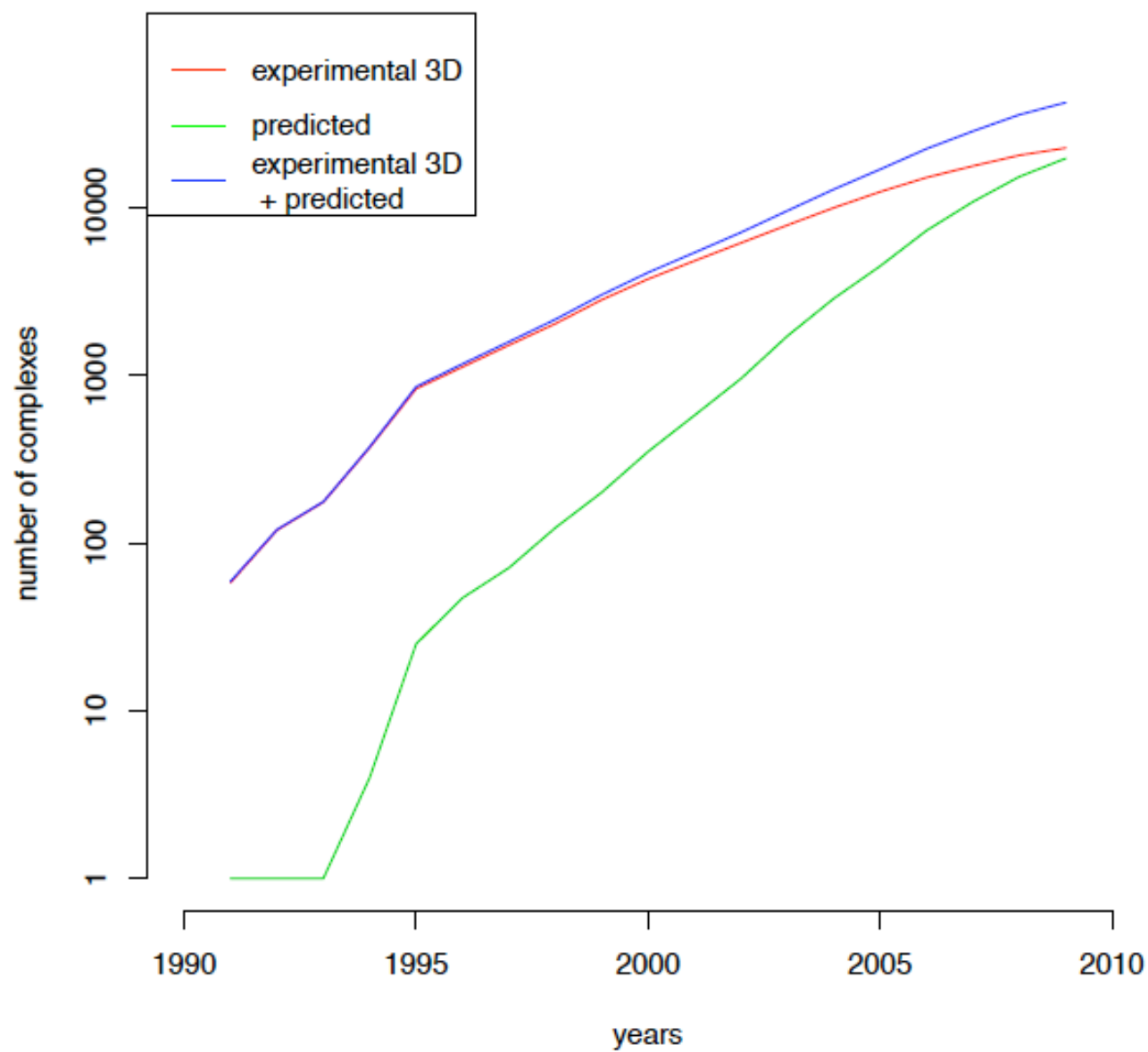


Figure S3

scores for positive and negative datasets

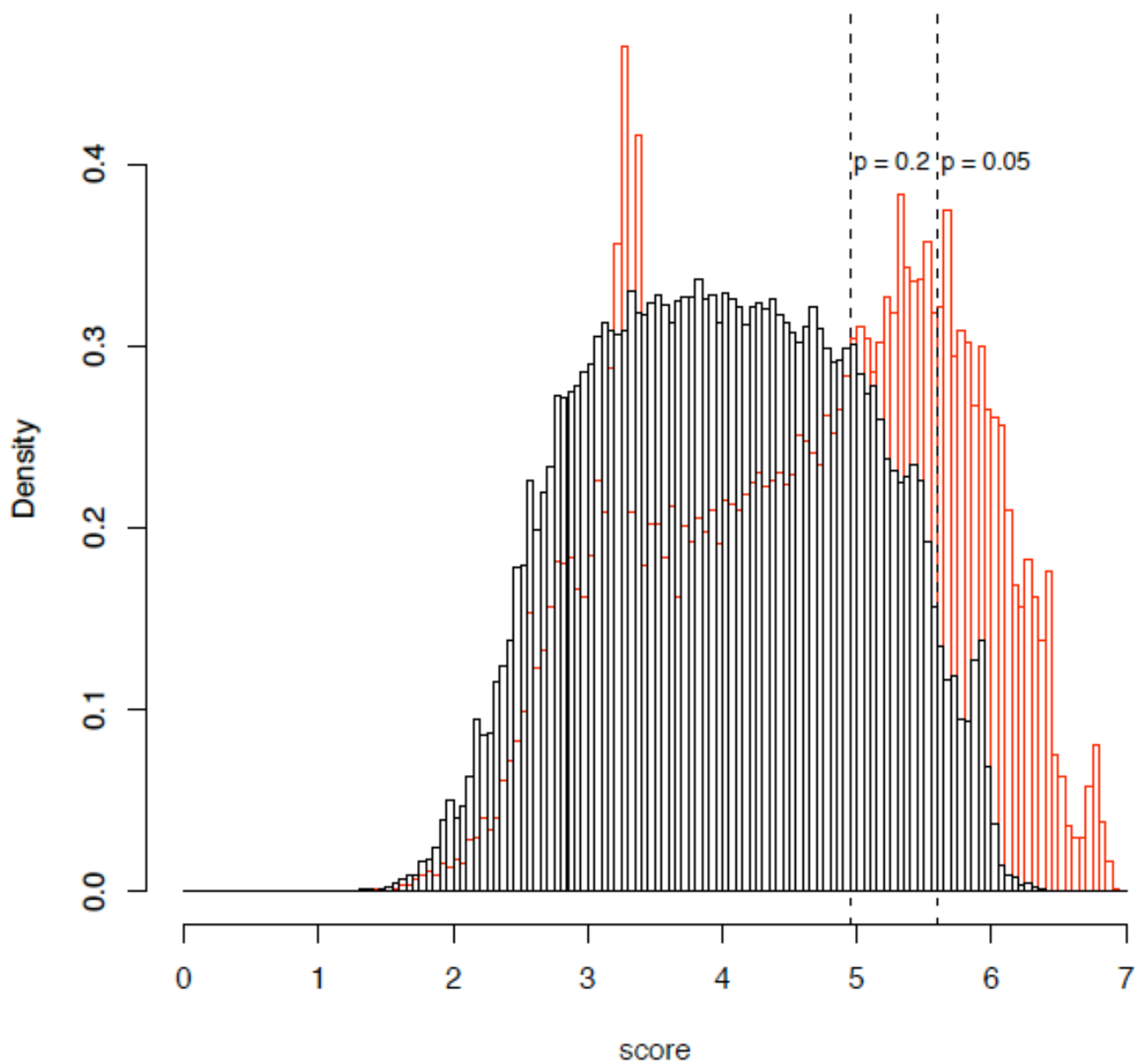
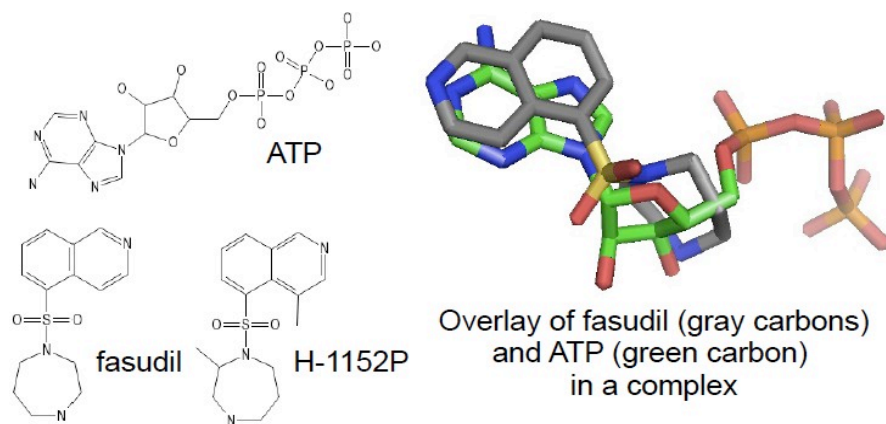


Figure S4

A.



B.

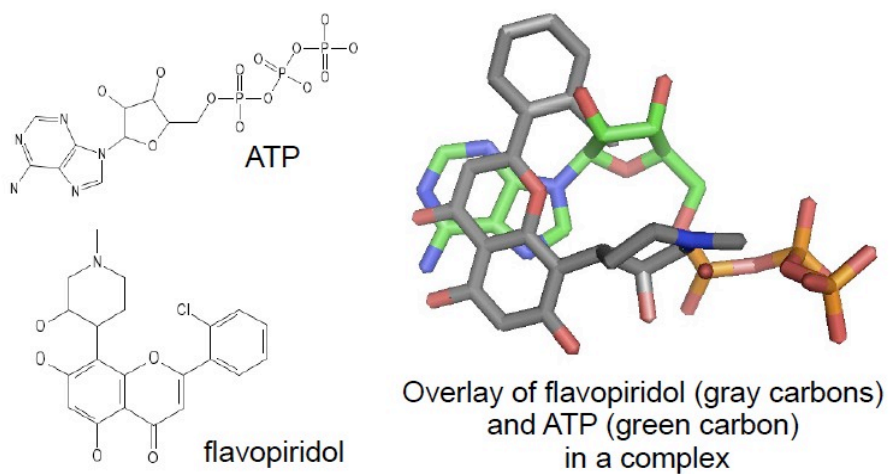


Table S1. Full list of novel predictions.

Prediction		Intermediates					protein identity	chemicals Tanimoto score	Score; minimal distance to ligand
Protein2	Ligand2	Protein1	Ligand1	Structure1	Structure2	Structure3			
1A02_HUMAN	F1 439353 be	O96048_LUMTE	1 8172 Trig	2DRY	2PYE	2DS0		Sc=5.63826, min distance = 2.494916	
1A1D_PYRHO	F1 445005 D-	DGDA_BURCE	Fu: 4324 PLP-	1D7R	1J0B	1D7S	0.89	Sc=6.45422, min distance = 2.350046	
1A1D_PYRHO	F1 445008 DE	DGDA_BURCE	Fu: 4324 PLP-	1D7R	1J0B	1D7U	0.88	Sc=6.45534, min distance = 2.375279	
1B15_HUMAN	F1 447364 4-	Q0VDX6_MOUSE	1 8200 TETR	1Q0X	3C9N	1NGP	28.95	Sc=5.77711, min distance = 2.379360	
3HAO_RALME	F1 448825 CI	PHZF_PSEFL	Fu: 86 3-Hydr	1U1W	1YFY	1U1X		Sc=5.77279, min distance = 2.639662	
3HIDH_HUMAN	1 439153 Di	GALE_ECOLI	Fu: 5893 nadi	1UDC	2I9P	1UDB	0.79	Sc=6.75687, min distance = 1.904539	
3HIDH_HUMAN	1 446050 CI	G3P_HUMAN	Fu: 5893 nadi	1U8F	2I9P	3GPD	0.95	Sc=6.74527, min distance = 1.044449	
5NT3_MOUSE	F1 5962 L-ly	RBCMT_PEA	Fu: 23831 HEP	1MLV	2G0A	2H2E		Sc=5.61263, min distance = 1.163558	
5NT3_MOUSE	F1 854023 Ep	Q8WSF8_APLCA	1 23831 HEP	2BR7	2G0A	2BYQ		Sc=5.70454, min distance = 1.885166	
5NTC_HUMAN	F1 8975 2-F1	SAHH_MYCTU	Fu: 60961 ade	3CE6	2JC9	2ZJ0	0.99	Sc=6.15835, min distance = 2.387626	
6PGD1_YEAST	1 16750041	PYRB_ECOLI	Fu: 311 citri	1R0B	2P4Q	2IPO		Sc=6.09896, min distance = 0.891414	
6PGD1_YEAST	1 445905 1c	AROQ_HELPY	Fu: 311 citri	2C4V	2P4Q	2C57		Sc=5.77923, min distance = 2.049610	
6PGD1_YEAST	1 448573 FI	CASP7_HUMAN	Fu: 311 citri	2QL9	2P4Q	1SHL		Sc=5.78706, min distance = 2.125534	
6PGD1_YEAST	1 51 2-Oxop	SERA_ECOLI	Fu: 311 citri	2P9E	2P4Q	1YBA	0.76	Sc=5.83812, min distance = 1.309822	
6PGD1_YEAST	1 6102712 C	PYRB_ECOLI	Fu: 311 citri	1R0B	2P4Q	2AIR		Sc=5.83651, min distance = 1.234648	
6PGD_LACLM	F1 440641 1n	G6PI_RABIT	Fu: 91493 lpg	1DQR	2IYO	1HOX		Sc=5.85675, min distance = 2.161876	
6PGD_SHEEP	F1 15942680	6PGD_LACLM	Fu: 5886 NADF	2IZ0	1PGO	2IZ1	56.81	Sc=6.2135, min distance = 2.1006070	
6PGL_THEMA	F1 11957399	PYRB_ECOLI	Fu: 311 citri	1R0B	1VL1	2H3E		Sc=5.96466, min distance = 1.028965	
6PGL_THEMA	F1 16750041	PYRB_ECOLI	Fu: 311 citri	1R0B	1VL1	2IPO		Sc=5.9564, min distance = 1.0220616	

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6PGL_THEMA	F	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	1VL1	1FGH		Sc=5.78972, min distance = 2.08695
6PGL_THEMA	F	445905	1c	AROQ_HELPY	Fu	311	citri	2C4V	1VL1	2C57		Sc=5.7407, min distance = 2.742890
6PGL_THEMA	F	447376	2	ACON_BOVIN	Fu	311	citri	1C96	1VL1	1NIS		Sc=5.67516, min distance = 2.52140
6PGL_THEMA	F	447537	1c	SRC_HUMAN	Fu	311	citri	1O4L	1VL1	1O4R		Sc=5.84158, min distance = 2.29108
6PGL_THEMA	F	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	1VL1	8ACN		Sc=5.68885, min distance = 2.18260
6PGL_THEMA	F	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1VL1	1YBA	0.76	Sc=5.60249, min distance = 1.42670
A0EKU1_9FLAV		5326531	C	CHOMT_MEDSA	F	34756	Acy	1FPQ	2OXT	1FP1	0.92	Sc=6.5315, min distance = 1.922203
A0EKU1_9FLAV		6852187	2	Q70GK9_STRCT	I	34756	Acy	1RQP	2OXT	2CBX	0.84	Sc=6.09466, min distance = 1.96519
A1AT_HUMAN	F	439353	be	ANT3_HUMAN	Fu	311	citri	2ZNH	3CWM	1E05		Sc=5.78164, min distance = 2.19180
A1AT_HUMAN	F	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	3CWM	1QGU	0.92	Sc=6.12521, min distance = 2.05294
A1AT_HUMAN	F	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	3CWM	1QGU	0.92	Sc=6.12133, min distance = 2.01903
A1AT_HUMAN	F	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	3CWM	1YBA	0.76	Sc=5.78932, min distance = 2.16180
A3F9D6_CAPHI		11957353		HBA_HORSE	Fu	444098	HE	2D5X	2EFB	1IWH	0.83	Sc=6.79842, min distance = 1.98884
A3F9D6_CAPHI		11957363		HBB_HUMAN	Fu	444098	HE	1J40	2EFB	1RQA	0.77	Sc=6.80662, min distance = 1.84356
A3F9D6_CAPHI		11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2EFB	2CMM		Sc=6.33305, min distance = 2.05993
A3F9D6_CAPHI		16741061		MYG_PHYCA	Fu	444098	HE	1A6M	2EFB	1MBC	0.83	Sc=6.48916, min distance = 2.02070
A3F9D6_CAPHI		16741062		MYG_PHYCA	Fu	444098	HE	1A6M	2EFB	1MBN	0.84	Sc=6.44563, min distance = 2.02963
A3F9D6_CAPHI		24883662		MYG_HORSE	Fu	444098	HE	2FRF	2EFB	1YMC	0.82	Sc=6.76289, min distance = 2.05628
A3F9D6_CAPHI		4369122	C	GLB1_LUCPE	Fu	444098	HE	1FLP	2EFB	1B0B	0.96	Sc=6.79214, min distance = 2.13971
A3F9D6_CAPHI		444668	CI	MYG_PHYCA	Fu	444098	HE	1A6M	2EFB	1BVD	0.8	Sc=6.34186, min distance = 2.03005
A3F9D6_CAPHI		446406	CZ	MYG_PHYCA	Fu	444098	HE	1A6M	2EFB	1J3F		Sc=6.40566, min distance = 1.88363
A4H1Z0_9PICO		164628	de	NDKC_DICDI	Fu	122108	Ri	1MN9	2E9R	1NDC		Sc=5.80138, min distance = 2.49819
A4H1Z0_9PICO		446090	1f	NDKC_DICDI	Fu	122108	Ri	1MN9	2E9R	1HIY		Sc=5.87489, min distance = 1.91059
A4H1Z0_9PICO		448505	AD	NDKC_DICDI	Fu	122108	Ri	1MN9	2E9R	1S5Z		Sc=6.34804, min distance = 2.10182
A4H1Z0_9PICO		6022	Ader	NDKC_DICDI	Fu	122108	Ri	1MN9	2E9R	1KDN		Sc=6.33851, min distance = 1.86325
A4H1Z0_9PICO		6030	Uric	PYRH_SULSO	Fu	6133	urid	2J4L	2E9Z	2J4J	0.99	Sc=6.15398, min distance = 1.59265
A5JUY8_BUBBU		11957353		HBA_HORSE	Fu	444098	HE	2D5X	2Z5Z	1IWH	0.83	Sc=6.79378, min distance = 0
A5JUY8_BUBBU		11957363		HBB_HUMAN	Fu	444098	HE	1J40	2Z5Z	1RQA	0.77	Sc=6.79973, min distance = 0
A5K709_PLAVI		101543	3	RNMC_MOMCH	Fu	6804	guan	1J1F	2QOR	1UCC		Sc=6.26983, min distance = 2.04683
A5K709_PLAVI		445463	B	TGM3_HUMAN	Fu	6804	guan	1SGX	2QOR	1L9N		Sc=6.23866, min distance = 1.75946
A5K709_PLAVI		65059	Dec	RNAS1_BOVIN	Fu	6804	guan	1RNC	2QOR	2QCA	0.97	Sc=6.35774, min distance = 2.02396
A5K709_PLAVI		8582	Inos	HPRT_ECOLI	Fu	6804	guan	1G9T	2QOR	1G9S	0.99	Sc=6.38508, min distance = 2.12459
A5KBL5_PLAVI		6804	guar	PDE10_HUMAN	Fu	6083	aden	2OUN	2QGA	2OUQ	0.8	Sc=5.83473, min distance = 0
A5KBL5_PLAVI		8582	Inos	PUR1_MOUSE	Fu	6083	aden	1MF0	2QGA	1IWE	0.79	Sc=6.31605, min distance = 1.89538
A5KE01_PLAVI		6021	inos	DEOD_ECOLI	Fu	60961	ade	1PK7	2PGF	1PR0	0.79	Sc=6.32735, min distance = 1.60787
A5KE01_PLAVI		8975	2-F1	SAHH_MYCTU	Fu	60961	ade	3CE6	2PGF	2ZJ0	0.99	Sc=6.33761, min distance = 2.16778
A5KE01_PLAVI		97184	6-N	DEOD_ECOLI	Fu	60961	ade	1PK7	2PGF	1OVG	0.9	Sc=6.26373, min distance = 1.98016

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A5KE56_PLAVI	150856	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	2QCF	0.94	Sc=6.23512, min distance = 2.507239
A5KE56_PLAVI	150973	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	2QCG	0.91	Sc=6.24285, min distance = 2.404539
A5KE56_PLAVI	160617	Or	PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	2QCL	0.86	Sc=6.01392, min distance = 2.385837
A5KE56_PLAVI	17749721		PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	2QCM	0.88	Sc=6.29572, min distance = 2.525658
A5KE56_PLAVI	445132	1x	PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	3BGG	0.81	Sc=5.91677, min distance = 2.361100
A5KE56_PLAVI	449489	Id	PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	2QCH	0.9	Sc=6.1976, min distance = 2.2402432
A5KE56_PLAVI	65063	dUM	PYR5_HUMAN	Fu:	6030	Urid	2V30	2FFC	2QCH	0.97	Sc=6.17647, min distance = 2.242511
A5KE56_PLAVI	6804	guar	RNMC_MOMCH	Fu:	6030	Urid	1UCD	2FFC	1J1F		Sc=6.35774, min distance = 2.063890
A7A026_YEAS7	11957353		HBA_HORSE	Fu:	444124	HE	1Y8I	2IA8	1IWH	0.87	Sc=6.71026, min distance = 2.073178
A7A026_YEAS7	11957363		HBA_HUMAN	Fu:	444124	HE	1NQP	2IA8	1RQA	0.81	Sc=6.72131, min distance = 2.434642
A7A026_YEAS7	11957364		HMOX1_HUMAN	Fu:	444124	HE	1OZW	2IA8	1S13	0.86	Sc=6.66447, min distance = 1.699209
A7A026_YEAS7	11957370		HMOX1_HUMAN	Fu:	444124	HE	1OZW	2IA8	1TWN		Sc=6.51673, min distance = 2.195858
A7A026_YEAS7	11957385		MYG_PHYCA	Fu:	444124	HE	1U7R	2IA8	2CMM		Sc=6.10071, min distance = 2.269029
A7A026_YEAS7	4369001	C	HBA_HUMAN	Fu:	444124	HE	1NQP	2IA8	4HHB	0.8	Sc=6.76325, min distance = 2.055407
A7A026_YEAS7	444522	HE	BFR_ECOLI	Fu:	444124	HE	1BFR	2IA8	1BCF	0.99	Sc=6.7724, min distance = 2.1972152
A7A026_YEAS7	444522	HE	CP2C9_HUMAN	Fu:	444124	HE	1OG2	2IA8	1R9O	0.99	Sc=6.77274, min distance = 2.024260
A7A026_YEAS7	444522	HE	HBA_HORSE	Fu:	444124	HE	1Y8I	2IA8	1Y8K	0.99	Sc=6.71505, min distance = 2.130427
A7A026_YEAS7	444522	HE	HBA_PAGBE	Fu:	444124	HE	1S5X	2IA8	1PBX	0.99	Sc=6.71214, min distance = 2.214952
AAC2_MYCTU	449233	CI	O53831_MYCTU	I	87642	coe	1P0H	1M4I	2C27		Sc=6.04652, min distance = 2.433332
AADAT_HUMAN	13744	Indo	AAT_ECOLI	Fu:	1053	pyri	2Q7W	2R2N	1AHF		Sc=5.89782, min distance = 1.370482
AADAT_HUMAN	1444286	N-	AAT_ECOLI	Fu:	1053	pyri	2Q7W	2R2N	1ASL	0.9	Sc=6.00106, min distance = 2.395683
AAKG1_HUMAN	111963492		PUR9_CHICK	Fu:	65110	AIC	1M9N	2UV5	2B1I	0.93	Sc=6.17907, min distance = 2.006060
AAKG1_HUMAN	124180721		PIM1_HUMAN	Fu:	6083	aden	1YXU	2UV4	3C4E		Sc=6.0102, min distance = 1.9080560
AAKG1_HUMAN	16804	guar	PDE10_HUMAN	Fu:	6083	aden	2OUN	2UV4	2OUQ	0.8	Sc=5.87391, min distance = 0
AAKG1_HUMAN	18582	Inos	PURA1_MOUSE	Fu:	6083	aden	1MF0	2UV4	1IWE	0.79	Sc=6.37563, min distance = 1.577457
AAKG1_RAT	101609	Ur	Q9SSV1_NICGU	I	6083	aden	1VD1	2V8Q	1VD3		Sc=6.21164, min distance = 1.880562
AAKG1_RAT	16122632		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2V92	2UVZ		Sc=6.38199, min distance = 1.159290
AAKG1_RAT	16122635		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2V92	2UW8		Sc=5.65282, min distance = 1.174142
AAKG1_RAT	166760	Fa	PURP_METJA	Fu:	6083	aden	2R7M	2V8Q	2R7N	0.76	Sc=5.90433, min distance = 2.279889
AAKG1_RAT	3758	IBMX	PDE4D_HUMAN	Fu:	6083	aden	1TB7	2V8Q	1ZKN		Sc=6.05565, min distance = 1.401582
AAKG1_RAT	440317	AT	SRC_CHICK	Fu:	6083	aden	3DQX	2V8Q	3DQW	0.97	Sc=6.49541, min distance = 0.645862
AAKG1_RAT	444564	AI	BIOD_ECOLI	Fu:	5957	Aden	1A82	2V92	1BS1	0.91	Sc=6.4262, min distance = 1.6425860
AAKG1_RAT	444852	CI	ATPB_BOVIN	Fu:	5957	Aden	2V7Q	2V92	1COW	0.91	Sc=6.51016, min distance = 1.463432
AAKG1_RAT	445708	AM	NADE_ECOLI	Fu:	6083	aden	1WXI	2V8Q	1WXE	0.91	Sc=6.38128, min distance = 1.060070
AAKG1_RAT	445736	5	SYS_PYRHO	Fu:	6083	aden	2ZR2	2V8Q	2DQ0	0.86	Sc=6.48577, min distance = 1.333679
AAKG1_RAT	445736	5	SYS_THET2	Fu:	6083	aden	1SES	2V8Q	1SET	0.86	Sc=6.48507, min distance = 1.076522
AAKG1_RAT	5327121	1	PIM1_HUMAN	Fu:	6083	aden	1YXU	2V8Q	2C3I		Sc=6.33065, min distance = 0.856800

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AAKG1_RAT	Fu: 6022	Ader	ARSA1_ECOLX	Fu: 5957	Aden	1II0	2V92	1IHU	0.99	Sc=6.42539, min distance = 1.822527
AAKG1_RAT	Fu: 6022	Ader	BIOD_ECOLI	Fu: 5957	Aden	1A82	2V92	1DAD	0.99	Sc=6.41927, min distance = 1.619835
AAKG1_RAT	Fu: 6022	Ader	HSP7F_YEAST	Fu: 5957	Aden	3D2F	2V92	3C7N	0.99	Sc=6.43155, min distance = 2.038724
AAKG1_RAT	Fu: 6022	Ader	MUTS_ECOLI	Fu: 5957	Aden	1W7A	2V92	1OH7	0.99	Sc=6.42759, min distance = 1.680239
AAKG1_RAT	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	2V92	2J9D	0.99	Sc=6.4389, min distance = 1.4223860
AAKG1_RAT	Fu: 6076	Cycl	PDE10_HUMAN	Fu: 6083	aden	2OUN	2V8Q	2OUR	0.99	Sc=6.27193, min distance = 2.230920
AAKG1_RAT	Fu: 611002	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	2V8Q	1YXX		Sc=6.1891, min distance = 1.4163670
AAKG1_RAT	Fu: 65110	AIC	PURP_METJA	Fu: 6083	aden	2R7M	2V8Q	2R7K	0.79	Sc=6.27987, min distance = 2.152227
AAKG1_RAT	Fu: 65110	AIC	YL28_SCHPO	Fu: 6083	aden	2OOX	2V8Q	2QRE	0.79	Sc=6.28503, min distance = 1.887642
AAKG1_RAT	Fu: 656965	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	2V8Q	1Y2D		Sc=6.03514, min distance = 1.484678
AAKG1_RAT	Fu: 656966	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	2V8Q	1Y2E		Sc=6.0852, min distance = 1.7327910
AAKG1_RAT	Fu: 656969	1y	PDE4B_HUMAN	Fu: 6083	aden	1ROR	2V8Q	1Y2J		Sc=6.20316, min distance = 1.767147
AAKG1_RAT	Fu: 656969	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	2V8Q	1Y2K		Sc=6.21358, min distance = 1.835250
AAKG1_RAT	Fu: 657135	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	2V8Q	1YXV		Sc=5.86976, min distance = 1.834687
AAKG1_RAT	Fu: 6804	guar	Q9SSV1_NICGU	Fu: 6083	aden	1VD1	2V8Q	1VCZ	0.8	Sc=5.82848, min distance = 2.065088
AAKG1_RAT	Fu: 8582	Inos	PYGM_RABIT	Fu: 6083	aden	8GPB	2V8Q	2QN7	0.79	Sc=6.37713, min distance = 2.230719
AAKG1_RAT	Fu: 91532	AME	NIFH1_AZOVI	Fu: 5957	Aden	2C8V	2V92	2AFK	0.99	Sc=6.51596, min distance = 1.921708
AAKG1_RAT	Fu: 9578243	F	PDE4B_HUMAN	Fu: 6083	aden	1ROR	2V8Q	1XLZ		Sc=6.17738, min distance = 1.284352
AATC_PIG	Fu: 1053	pyri	AAT_ECOLI	Fu: 444286	N-	1ASL	1AJS	2Q7W	0.9	Sc=6.14226, min distance = 2.044497
AATM_CHICK	Fu: 3744	Indo	AAT_ECOLI	Fu: 444286	N-	1ASL	1AMA	1AHF	41.14	Sc=5.93639, min distance = 2.072642
AATM_CHICK	Fu: 3744	Indo	AAT_ECOLI	Fu: 444292	PI	1ARG	1AKB	1AHF	41.14	Sc=5.93112, min distance = 2.090109
AATM_CHICK	Fu: 4369488	F	AAT_ECOLI	Fu: 444292	PI	1ARG	1AKB	1X29	41.14	0.94 Sc=6.07375, min distance = 2.300388
AATM_CHICK	Fu: 4369489	I	AAT_ECOLI	Fu: 444292	PI	1ARG	1AKB	1X2A	41.14	0.96 Sc=5.75043, min distance = 2.196700
AAT_ECOLI	Fu: 446383	PY	AATM_CHICK	Fu: 444286	N-	1AMA	1ASL	1MAQ	41.14	0.94 Sc=5.73951, min distance = 2.173428
AAT_ECOLI	Fu: 447109	KE	AATM_CHICK	Fu: 444293	PI	1AKC	1X28	1MAP	41.14	0.96 Sc=5.70556, min distance = 2.409609
AAT_ECOLI	Fu: 845	histi	HIS8_ECOLI	Fu: 1053	pyri	1FG7	2Q7W	1GEX		Sc=5.8177, min distance = 2.0233630
AAT_ECOLI	Fu: 845	histi	HIS8_ECOLI	Fu: 444293	PI	1GEY	1X28	1GEX		Sc=5.82551, min distance = 2.021598
AAT_THET8	Fu: 5962	L-ly	THER_BACTH	Fu: 6305	L-tr	1THL	1GC3	1KEI		Sc=5.66571, min distance = 2.333142
AAT_THET8	Fu: 6057	L-ty	CHMU_YEAST	Fu: 6305	L-tr	5CSM	1GC3	4CSM		Sc=5.95408, min distance = 2.011484
AAT_THET8	Fu: 6140	L-ph	APX_STRGR	Fu: 6305	L-tr	1TF8	1GC3	1F2P		Sc=5.75079, min distance = 2.475298
AAT_THET8	Fu: 71567	D-g	APX_STRGR	Fu: 6305	L-tr	1TF8	1GC3	1TKH		Sc=5.74847, min distance = 2.543290
AAUA_ALCFA	Fu: 5326783	F	AOFB_HUMAN	Fu: 29147	4-N	2C70	2HJ4	1S3E		Sc=5.75235, min distance = 1.837442
AAUA_ALCFA	Fu: 6102778	C	AOFB_HUMAN	Fu: 29147	4-N	2C70	2HJ4	2C64		Sc=5.64708, min distance = 2.149802
ABDH_ECOLI	Fu: 6022	Ader	Q5SI02_THET8	Fu: 5893	nadi	2BJK	1WNB	2BJA		Sc=6.352, min distance = 2.09483985
ABDH_ECOLI	Fu: 9548000	C	CD38_HUMAN	Fu: 5893	nadi	2I65	1WNB	2I66		Sc=6.07211, min distance = 2.196530
ABL1_HUMAN	Fu: 23653515		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2G2I	2R3F	29.44	Sc=5.95868, min distance = 1.849587
ABL1_HUMAN	Fu: 23653516		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2G2I	2R3G	29.44	Sc=6.23002, min distance = 2.233360

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ABL1_HUMAN	F1	23653518	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2R3J	29.44	Sc=6.12466, min distance = 1.728702	
ABL1_HUMAN	F1	23653519	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2R3K	29.44	Sc=6.20786, min distance = 2.057465	
ABL1_HUMAN	F1	23653520	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2R3L	29.44	Sc=6.22132, min distance = 1.642347	
ABL1_HUMAN	F1	23653521	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2R3M	29.44	Sc=6.32155, min distance = 2.312494	
ABL1_HUMAN	F1	23653524	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2R3P	29.44	Sc=6.04661, min distance = 1.766630	
ABL1_HUMAN	F1	24871491	INSR_HUMAN	Fu	5287416	C	1RQQ	2G1T	2Z8C	41.34	Sc=6.44482, min distance = 2.350595	
ABL1_HUMAN	F1	2608	1jstv	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1JSV	29.44	Sc=5.79394, min distance = 2.154735
ABL1_HUMAN	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1E1X	29.44	Sc=6.09034, min distance = 2.130975
ABL1_HUMAN	F1	444345	1c	GSK3B_HUMAN	F1	6022	Aden	1J1C	2G2I	1Q3D	26.34	Sc=6.24676, min distance = 2.111302
ABL1_HUMAN	F1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1GZ8	29.44	Sc=5.92595, min distance = 2.580568
ABL1_HUMAN	F1	447656	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1O1Y	29.44	Sc=6.33633, min distance = 1.599364
ABL1_HUMAN	F1	447962	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2C5N	29.44	Sc=6.05943, min distance = 2.423995
ABL1_HUMAN	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1E1V	29.44	Sc=5.9261, min distance = 2.825989
ABL1_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1H1R	29.44	Sc=5.69541, min distance = 1.943594
ABL1_HUMAN	F1	5287844	1i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2G2I	1UV5	26.34	Sc=6.27097, min distance = 1.534175
ABL1_HUMAN	F1	5288641	1i	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1E9H	29.44	Sc=6.17339, min distance = 2.297920
ABL1_HUMAN	F1	5326739	1i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2G2I	1Q41	26.34	Sc=6.18028, min distance = 2.206268
ABL1_HUMAN	F1	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2BTS	29.44	Sc=5.86359, min distance = 2.063968
ABL1_HUMAN	F1	5327130	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2C68	29.44	Sc=6.09239, min distance = 2.166192
ABL1_HUMAN	F1	5327131	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2C69	29.44	Sc=6.07393, min distance = 2.264552
ABL1_HUMAN	F1	5331010	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2BKZ	29.44	Sc=5.99154, min distance = 1.664360
ABL1_HUMAN	F1	5494414	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2A0C	29.44	Sc=6.39682, min distance = 2.264908
ABL1_HUMAN	F1	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2UUE	29.44	Sc=6.05196, min distance = 2.455845
ABL1_HUMAN	F1	6420139	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	2C5V	29.44	Sc=6.07124, min distance = 1.766544
ABL1_HUMAN	F1	6539118	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	1FVV	29.44	Sc=6.25425, min distance = 2.241120
ABL1_HUMAN	F1	6852187	2	057883_PYRHO	1	6022	Aden	1WNL	2G2I	2DTH	0.89	Sc=5.92764, min distance = 1.552465
ABL1_HUMAN	F1	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	3EJ1	29.44	Sc=5.9324, min distance = 2.998814
ABL1_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2G2I	3BHV	29.44	Sc=6.16369, min distance = 2.921930
ABL_AGABI	Fu	101798	Me	MBL1_RAT	Full	82313	1rd	1KWV	1Y2W	1KWU		Sc=5.76236, min distance = 1.760132
ABL_AGABI	Fu	185698	al	MBL1_RAT	Full	82313	1rd	1KWV	1Y2W	2MSB		Sc=5.67761, min distance = 2.328804
ABL_AGABI	Fu	439710	rh	PGRP_CAMDR	Fu	82313	1rd	3C93	1Y2W	3CG9		Sc=5.67529, min distance = 2.026852
ABL_AGABI	Fu	444863	is	MBL1_RAT	Full	82313	1rd	1KWV	1Y2W	1KWX		Sc=5.69101, min distance = 2.402697
ABL_AGABI	Fu	94214	Met	MBL1_RAT	Full	82313	1rd	1KWV	1Y2W	1AFA		Sc=5.7749, min distance = 1.558431
ABP1_MAIZE	F1	24768551		TIR1_ARATH	Fu	6862	Tran	2P10	1LRH	3C6P		Sc=6.03992, min distance = 2.226387
ABP1_MAIZE	F1	445184	1,	EGFR_HUMAN	Fu	185698	al	1MOX	1LR5	3C09	0.89	Sc=5.64849, min distance = 1.868580
ABP1_MAIZE	F1	445184	1,	Q6PYX1_HUMAN	1	185698	al	1ZLS	1LR5	1ZLW	0.89	Sc=5.76222, min distance = 1.395898
ABP1_MAIZE	F1	5326557	0	QDOI_ASPJA	Fu	439680	be	1JUH	1LR5	1GQH		Sc=5.6718, min distance = 0.7642447

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ACAC_YEAST	F1	5287830	Q8RLY5_LACHE	1	190	adeni	1S2D	1OD2	1S2I	0.93	Sc=5.60724, min distance = 2.29385	
ACAC_YEAST	F1	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1OD2	1WET	Sc=5.61763, min distance = 2.84114	
ACCC_ECOLI	F1	11608401	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DV2	2UVY	Sc=6.18428, min distance = 1.71121		
ACCC_ECOLI	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DV2	1YDS	Sc=5.83364, min distance = 2.00341	
ACCC_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DV2	1Q8W	Sc=5.92246, min distance = 2.02259	
ACCC_ECOLI	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2J9G	2ESM	Sc=5.93592, min distance = 2.09696	
ACCC_ECOLI	F1	36735	Gpp	Q9RVK2_DEIRA	1	5957	Aden	1SU2	1DV2	1SZ3	0.8	Sc=6.44609, min distance = 1.89603
ACCC_ECOLI	F1	440317	AT	FTSK_PSEAE	Fu	6022	Aden	2IUU	2J9G	2IUT	0.99	Sc=5.71634, min distance = 1.96593
ACCC_ECOLI	F1	440317	AT	PURT_ECOLI	Fu	6022	Aden	1KJQ	2J9G	1KJJ	0.99	Sc=5.99741, min distance = 2.52562
ACCC_ECOLI	F1	444345	1c	PDPK1_HUMAN	F1	5957	Aden	2BIY	1DV2	1OKY	Sc=6.35042, min distance = 2.07158	
ACCC_ECOLI	F1	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	2J9G	1W9I	0.91	Sc=5.96309, min distance = 2.14824
ACCC_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1DV2	1COW	0.91	Sc=6.02859, min distance = 0.55691
ACCC_ECOLI	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2J9G	1ZTF	0.95	Sc=6.2074, min distance = 2.00798
ACCC_ECOLI	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DV2	1YDR	Sc=5.91374, min distance = 1.84552	
ACCC_ECOLI	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2J9G	1ZOE	Sc=5.68088, min distance = 2.09632	
ACCC_ECOLI	F1	5327148	Q	IPKA_RABIT	Fu	6022	Aden	1JBP	2J9G	2ERZ	Sc=6.13286, min distance = 2.19075	
ACCC_ECOLI	F1	5789	thyn	KITH_EHV4	Fu	6022	Aden	1P72	2J9G	1P6X	Sc=5.91546, min distance = 2.41554	
ACCC_ECOLI	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1DV2	2V8Q	0.98	Sc=5.87576, min distance = 1.50513
ACCC_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1DV2	2VII	0.98	Sc=5.83918, min distance = 2.33972
ACCC_ECOLI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2J9G	2R7M	0.99	Sc=5.84279, min distance = 2.63043
ACCC_ECOLI	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2J9G	1FMO	0.95	Sc=6.20436, min distance = 2.35483
ACCC_ECOLI	F1	6132	Cyti	O33839_THEMA	1	6022	Aden	1XJK	2J9G	1XJN	Sc=6.26782, min distance = 1.98174	
ACCC_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DV2	2GNI	Sc=5.89862, min distance = 1.84903	
ACCC_ECOLI	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2J9G	1QYE	0.89	Sc=6.10338, min distance = 2.20082
ACCC_ECOLI	F1	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	2J9G	1XJE	0.8	Sc=5.66755, min distance = 2.13023
ACCC_ECOLI	F1	91532	AMP	MTNK_BACSU	Fu	6022	Aden	2OLC	2J9G	2PUL	0.99	Sc=6.47483, min distance = 1.61607
ACCC_ECOLI	F1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	2J9G	1W48	0.99	Sc=5.75227, min distance = 1.66357
ACCC_PSEAE	F1	60961	ade	USHA_ECOLI	Fu	92199	AMP	1HPU	2VQD	1HO5	0.93	Sc=6.25934, min distance = 2.36910
ACE2_HUMAN	F1	16741014	CARP_YEAST	Fu	82313	1rd	1FMU	3D0G	1FQ7	Sc=5.71526, min distance = 2.01970		
ACES_MOUSE	F1	3202	edrc	ACES_TORCA	Fu	2968	deca	1ACL	1MAA	2ACK	59.66	Sc=5.77444, min distance = 1.71676
ACES_MOUSE	F1	444211	th	ACES_TORCA	Fu	20544	ACE	2C4H	2HA5	1ACJ	59.66	Sc=6.0504, min distance = 0.83512
ACES_MOUSE	F1	445892	1c	ACES_TORCA	Fu	20544	ACE	2C4H	2HA5	1GQR	59.66	Sc=5.77201, min distance = 0.92171
ACES_MOUSE	F1	445892	1c	ACES_TORCA	Fu	2968	deca	1ACL	1MAA	1GQR	59.66	Sc=5.64256, min distance = 2.13784
ACES_TORCA	F1	13455857	IGKC_MOUSE	Fu	62551	Pen	1P7K	2BAG	3C6S	Sc=5.65594, min distance = 0.84745		
ACES_TORCA	F1	187	acety	ACES_MOUSE	Fu	20544	ACE	2HA5	2C4H	2HA4	59.66	Sc=5.78634, min distance = 0.88882
ACES_TORCA	F1	5327028	C	HNMT_HUMAN	Fu	444211	th	2AOW	1ACJ	2AOX	Sc=5.94917, min distance = 1.48362	
ACES_TORCA	F1	91420	5-T	ACES_MOUSE	Fu	2968	deca	1MAA	1ACL	2HA0	59.66	Sc=5.64926, min distance = 0.66988

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ACE_DROME Fu: 16122592	ACE_HUMAN Ful: 5362119 1 1086	1J36	2OC2	44.25	Sc=6.77735, min distance = 2.300035
ACE_DROME Fu: 24808492	ACE_HUMAN Ful: 5362119 1 1086	1J36	3BKK	44.25 0.78	Sc=6.6756, min distance = 2.4983586
ACE_DROME Fu: 24808493	ACE_HUMAN Ful: 5362119 1 1086	1J36	3BKL	44.25	Sc=6.27344, min distance = 2.480289
ACE_DROME Fu: 5462501 F	ACE_HUMAN Ful: 5362119 1 1086	1J36	1UZE	44.25 0.99	Sc=6.38623, min distance = 2.484776
ACHP_LYMST F1 190 aden	PPAL_YEAST Fu: 23831 HEP 1D1P	1UX2	1D2A		Sc=5.73246, min distance = 1.323345
ACHP_LYMST F1 445939 1c	PPTA_ECOLI Fu: 23831 HEP 1GYX	1UX2	1GYY		Sc=5.81517, min distance = 1.420675
ACHP_LYMST F1 447414 5-	CPXA_PSEPU Fu: 89594 nic 1P2Y	1UW6	1NOO		Sc=5.77793, min distance = 1.525210
ACHP_LYMST F1 69590 4-F	CPXA_PSEPU Fu: 89594 nic 1P2Y	1UW6	1PHD		Sc=5.63272, min distance = 2.549935
ACHP_LYMST F1 854023 Ex	Q8WSF8_APLCA 1 23831 HEP 2BR7	1UX2	2BYQ	38.04	Sc=6.02395, min distance = 0.384225
ACKA_METTE F1 23727981	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	3BHT		Sc=6.16942, min distance = 2.059719
ACKA_METTE F1 23727982	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	3BHU		Sc=6.08151, min distance = 2.606605
ACKA_METTE F1 398148 1e	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	1E1X		Sc=6.29056, min distance = 2.171689
ACKA_METTE F1 445966 06	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	1H0V		Sc=6.30787, min distance = 2.415156
ACKA_METTE F1 446090 1h	NDKC_DICDI Fu: 6022 Aden 1KDN	1TUU	1HIY	0.97	Sc=5.93109, min distance = 2.027094
ACKA_METTE F1 447955 1p	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	1PXI		Sc=5.77737, min distance = 2.473296
ACKA_METTE F1 4565 1h1r	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	1H1R		Sc=6.05981, min distance = 1.964066
ACKA_METTE F1 5327148 C	IPKA_RABIT Fu: 6022 Aden 1JBP	1TUU	2ERZ		Sc=6.17673, min distance = 2.275215
ACKA_METTE F1 6030 Uric	ECX1_SULSO Fu: 6083 aden 2C38	1TUU	2C37		Sc=6.25827, min distance = 1.749635
ACKA_METTE F1 6031 Uric	RIR1_YEAST Fu: 6022 Aden 2CVX	1TUU	2CVV		Sc=5.84739, min distance = 2.216319
ACKA_METTE F1 60961 ade	IPKA_RABIT Fu: 6022 Aden 1JBP	1TUU	1FMO	0.95	Sc=6.24577, min distance = 2.962605
ACKA_METTE F1 611002 Op	PIM1_HUMAN Fu: 6083 aden 1YXU	1TUU	1YXX		Sc=6.18446, min distance = 1.120162
ACKA_METTE F1 65110 AIC	AAKG1_HUMAN Fu: 6083 aden 2UV4	1TUU	2UV5	0.79	Sc=5.80714, min distance = 2.484755
ACKA_METTE F1 657135 Op	PIM1_HUMAN Fu: 6083 aden 1YXU	1TUU	1YXV		Sc=5.87164, min distance = 1.674952
ACKA_METTE F1 8977 1dar	O33839_THEMA 1 6022 Aden 1XJK	1TUU	1XJE	0.8	Sc=5.97528, min distance = 2.376636
ACKA_METTE F1 8977 1dar	PARM_ECOLX Fu: 6022 Aden 1MWM	1TUU	2ZGY	0.8	Sc=5.64334, min distance = 2.312465
ACKA_METTE F1 9547921 G	SYQ_ECOLI Ful: 6083 aden 1ZJW	1TUU	2RE8	0.82	Sc=6.05199, min distance = 2.384712
ACKA_METTE F1 9817550 V	CDK2_HUMAN Fu: 6022 Aden 1GY3	1TUU	3BHV		Sc=6.40458, min distance = 1.978128
ACON2_ECOLI 1 311 citri	ACON_BOVIN Fu: 444212 tr 1ACO	1L5J	1C96		Sc=6.04864, min distance = 2.332645
ACON2_ECOLI 1 445607 AT	ACON_BOVIN Fu: 444212 tr 1ACO	1L5J	1FGH	0.8	Sc=6.04542, min distance = 2.352365
ACON2_ECOLI 1 447376 2-	ACON_BOVIN Fu: 444212 tr 1ACO	1L5J	1NIS		Sc=5.95237, min distance = 2.315255
ACON2_ECOLI 1 449604 NI	ACON_BOVIN Fu: 444212 tr 1ACO	1L5J	8ACN		Sc=5.95336, min distance = 2.467835
ACON2_ECOLI 1 5318532 i	ACON_BOVIN Fu: 444212 tr 1ACO	1L5J	1C97		Sc=6.05503, min distance = 2.249415
ACON2_ECOLI 1 5459784 n	ACON_BOVIN Fu: 444212 tr 1ACO	1L5J	1AMI		Sc=6.10707, min distance = 1.638136
ACON_BOVIN F1 444591 CI	IDH_ECOLI Ful: 5318532 i 1P8F	1C97	1BL5		Sc=5.69603, min distance = 2.037195
ACON_PIG Ful: 444591 CI	IDH_ECOLI Ful: 5318532 i 1P8F	7ACN	1BL5		Sc=5.70204, min distance = 2.331685
ACON_PIG Ful: 51 2-Oxog	SERA_ECOLI Fu: 311 citri 2P9E	1B0K	1YBA	0.76	Sc=5.89032, min distance = 0.893525
ACRB_ECOLI F1 444305 L-	Q3XZW8_ENTFC 1 311 citri 2JFV	2GIF	2JFW		Sc=5.6374, min distance = 1.1225742

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ACRB_ECOLI	F1	446944	CI	MIF_HUMAN	Fu	311	citri	1GD0	2GIF	1LJT		Sc=6.03521, min distance = 1.222804
ACRB_ECOLI	F1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	2GIF	1YBA	0.76	Sc=5.85509, min distance = 0.672127
ACRB_ECOLI	F1	5354052	p	MIF_HUMAN	Fu	311	citri	1GD0	2GIF	20OZ		Sc=5.64728, min distance = 1.192200
ACS1_YEAST	F1	24316	cyc	PDE10_HUMAN	F1	6083	aden	2OUN	1RY2	20UU	0.81	Sc=6.37349, min distance = 2.295464
ACS1_YEAST	F1	440641	1n	O57693_THETE	1	6083	aden	1UXU	1RY2	1UXR		Sc=5.90497, min distance = 2.359319
ACS1_YEAST	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	1RY2	1WXE	0.91	Sc=6.39829, min distance = 2.036588
ACS1_YEAST	F1	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	1RY2	1PG4	0.99	Sc=6.47725, min distance = 2.468098
ACS1_YEAST	F1	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	1RY2	2C3I		Sc=6.36032, min distance = 1.167598
ACS1_YEAST	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	1RY2	2OUR	0.99	Sc=6.31932, min distance = 2.033618
ACS1_YEAST	F1	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	1RY2	1YXX		Sc=6.24196, min distance = 1.825887
ACS1_YEAST	F1	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	1RY2	1YXV		Sc=5.96072, min distance = 2.142649
ACS1_YEAST	F1	6804	guar	PDE10_HUMAN	F1	6083	aden	2OUN	1RY2	2OUQ	0.8	Sc=6.39965, min distance = 0
ACS2A_HUMAN	1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	3C5E	1YDS		Sc=5.96099, min distance = 2.168378
ACS2A_HUMAN	1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	3C5E	1YDR		Sc=6.04164, min distance = 2.135040
ACSA_SALTY	F1	101609	Ur	Q9SSV1_NICGU	1	6083	aden	1VD1	2P2F	1VD3		Sc=6.29854, min distance = 2.007964
ACSA_SALTY	F1	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	2P2F	3C4E		Sc=6.08229, min distance = 1.900139
ACSA_SALTY	F1	440641	1n	O57693_THETE	1	6083	aden	1UXU	2P2F	1UXR		Sc=5.98054, min distance = 2.025100
ACSA_SALTY	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2P2F	1WXE	0.91	Sc=6.39217, min distance = 2.246470
ACSA_SALTY	F1	446916	11	F16P1_PIG	Fu	6083	aden	2F3D	2P2F	1LEV		Sc=6.27671, min distance = 1.836150
ACSA_SALTY	F1	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	2P2F	2C3I		Sc=6.3652, min distance = 1.3802108
ACSA_SALTY	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	2P2F	2OUR	0.99	Sc=6.3563, min distance = 2.1474480
ACSA_SALTY	F1	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	2P2F	2R7K	0.79	Sc=6.33475, min distance = 2.196190
ACSA_SALTY	F1	65533	col	O57693_THETE	1	6083	aden	1UXU	2P2F	1UXT		Sc=5.97436, min distance = 2.028202
ACSA_SALTY	F1	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	2P2F	1YXV		Sc=5.97463, min distance = 2.055519
ACSA_SALTY	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	2P2F	2QN7	0.79	Sc=6.42061, min distance = 2.094678
ACT1_CAEEL	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	1D4X	1COW	0.91	Sc=6.53366, min distance = 2.096720
ACT1_CAEEL	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1D4X	1COW	0.91	Sc=6.52703, min distance = 2.182128
ACT1_CAEEL	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1D4X	1YDR		Sc=6.02282, min distance = 2.026184
ACT1_CAEEL	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1D4X	1DAD	0.99	Sc=6.46469, min distance = 2.233819
ACT1_CAEEL	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	1D4X	3C7N	0.99	Sc=6.4803, min distance = 2.1327222
ACT1_CAEEL	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1D4X	1OH7	0.99	Sc=6.45867, min distance = 1.240010
ACT1_CAEEL	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1D4X	3ETJ	0.99	Sc=6.45701, min distance = 2.093752
ACT1_CAEEL	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1D4X	2BEJ	0.99	Sc=6.46179, min distance = 2.203094
ACT1_DICDI	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	3CIP	2UVY		Sc=6.25916, min distance = 2.168940
ACT1_DICDI	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	3CIP	2VNW		Sc=6.15219, min distance = 2.563482
ACT1_DICDI	F1	199528	D-	SYW2_DEIRA	Fu	5957	Aden	1YID	3CIP	1YIA		Sc=6.15749, min distance = 2.105704
ACT1_DICDI	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	3CIP	1YDS		Sc=5.93725, min distance = 2.177964

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ACT1_DICDI	F1	3547	Fastu	KAPCA_BOVIN	F1	5957	Aden	1Q24	3CIP	1Q8W		Sc=5.99721, min distance = 2.027600
ACT1_DICDI	F1	444564	Ad	BIOD_ECOLI	Fu	5957	Aden	1A82	3CIP	1BS1	0.91	Sc=6.44573, min distance = 2.150440
ACT1_DICDI	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	3CIP	1COW	0.91	Sc=6.50029, min distance = 2.012220
ACT1_DICDI	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	3CIP	1DAD	0.99	Sc=6.4463, min distance = 2.1515250
ACT1_DICDI	F1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	3CIP	1NN3	0.99	Sc=6.4389, min distance = 2.1034090
ACT1_DICDI	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	3CIP	1OH7	0.99	Sc=5.97842, min distance = 2.077920
ACT1_DICDI	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	3CIP	3ETJ	0.99	Sc=6.42829, min distance = 2.192630
ACT1_DICDI	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	3CIP	2BEJ	0.99	Sc=6.44051, min distance = 2.343730
ACT1_DICDI	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	3CIP	2VT2	0.99	Sc=6.47359, min distance = 1.701530
ACT1_DICDI	F1	6022	Ader	SECA_ECOLI	Fu	5957	Aden	2FSG	3CIP	2FSI	0.99	Sc=6.45105, min distance = 2.046000
ACT1_DICDI	F1	6102784	Z	PSPF_ECOLI	Fu	5957	Aden	2C96	3CIP	2C99	0.99	Sc=6.05155, min distance = 2.068280
ACT1_DROME	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HF4	1YDS		Sc=5.94888, min distance = 2.017090
ACT1_DROME	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HF4	1Q8W		Sc=6.0109, min distance = 2.0122600
ACT1_DROME	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2HF3	2ZGZ	0.79	Sc=6.08198, min distance = 1.896670
ACT1_DROME	F1	444564	Ad	BIOD_ECOLI	Fu	5957	Aden	1A82	2HF4	1BS1	0.91	Sc=6.45364, min distance = 2.267630
ACT1_DROME	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HF3	1CKP		Sc=5.60314, min distance = 2.297220
ACT1_DROME	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2HF4	1COW	0.91	Sc=6.52484, min distance = 2.022650
ACT1_DROME	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	2HF4	1COW	0.91	Sc=6.51235, min distance = 2.252020
ACT1_DROME	F1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2HF3	1HIY	0.97	Sc=6.48312, min distance = 2.005350
ACT1_DROME	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HF3	1PXI		Sc=5.80402, min distance = 2.366880
ACT1_DROME	F1	448505	Ad	NDKC_DICDI	Fu	6022	Aden	1KDN	2HF3	1S5Z	0.93	Sc=6.50746, min distance = 2.279880
ACT1_DROME	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HF4	1YDR		Sc=6.02133, min distance = 2.095760
ACT1_DROME	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HF3	1H1R		Sc=6.13568, min distance = 2.068440
ACT1_DROME	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2HF4	2R7M	0.98	Sc=6.41811, min distance = 2.011700
ACT1_DROME	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2HF3	2R7M	0.99	Sc=6.404, min distance = 2.2284500
ACT1_DROME	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2HF3	1FMO	0.95	Sc=6.27292, min distance = 2.492390
ACT1_DROME	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2HF3	2DXF	0.8	Sc=6.43092, min distance = 2.083400
ACT1_DROME	F1	6852187	2	O57883_PYRHO	I	6022	Aden	1WNL	2HF3	2DTH	0.89	Sc=6.1598, min distance = 1.6954160
ACT1_DROME	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2HF3	2DXE	0.8	Sc=6.4911, min distance = 2.2515350
ACT1_TETTH	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1DEJ	2VNW		Sc=6.16825, min distance = 2.586440
ACT1_TETTH	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DEJ	1YDS		Sc=5.93948, min distance = 2.058840
ACT1_TETTH	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DEJ	1Q8W		Sc=6.00009, min distance = 2.086200
ACT1_TETTH	F1	444564	Ad	BIOD_ECOLI	Fu	5957	Aden	1A82	1DEJ	1BS1	0.91	Sc=6.45576, min distance = 2.363640
ACT1_TETTH	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	1DEJ	1COW	0.91	Sc=6.52616, min distance = 2.028940
ACT1_TETTH	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1DEJ	1COW	0.91	Sc=6.51458, min distance = 2.198170
ACT1_TETTH	F1	6022	Ader	ACT1_DROME	Fu	5957	Aden	2HF4	1DEJ	2HF3	0.99	Sc=6.46298, min distance = 2.639120
ACT1_TETTH	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	1DEJ	1IHU	0.99	Sc=6.45867, min distance = 2.189290

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ACT1_TETTH	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1DEJ	1DAD	0.99	Sc=6.45175, min distance = 2.038175
ACT1_TETTH	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	1DEJ	3C7N	0.99	Sc=6.46696, min distance = 1.992295
ACT1_TETTH	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1DEJ	3ETJ	0.99	Sc=6.44188, min distance = 1.957086
ACT1_TETTH	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1DEJ	2BEJ	0.99	Sc=6.45175, min distance = 2.228785
ACT3_STRCO	F1	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2RHC	2IZ1		Sc=6.24645, min distance = 2.190735
ACT3_STRCO	F1	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2RHC	1QYW	31.63	Sc=6.4169, min distance = 2.2940486
ACT3_STRCO	F1	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2RHC	1E7Y		Sc=6.43049, min distance = 2.012936
ACT3_STRCO	F1	6022	Ader	HMDH_HUMAN	Fu	5886	NADF	1DQA	2RHC	1HW8		Sc=5.72219, min distance = 1.923025
ACTB_BOVIN	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2BTF	2VNW		Sc=6.14809, min distance = 2.495395
ACTB_BOVIN	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2BTF	1YDS		Sc=5.9272, min distance = 2.0878555
ACTB_BOVIN	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2BTF	1BS1	0.91	Sc=6.44521, min distance = 2.218095
ACTB_BOVIN	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2BTF	1COW	0.91	Sc=6.51606, min distance = 1.770406
ACTB_BOVIN	F1	6022	Ader	ACT1_DROME	Fu	5957	Aden	2HF4	2BTF	2HF3	0.99	Sc=6.45105, min distance = 2.608860
ACTB_BOVIN	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	2BTF	1IHU	0.99	Sc=6.45044, min distance = 2.314635
ACTB_BOVIN	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	2BTF	1DAD	0.99	Sc=6.44446, min distance = 2.359436
ACTB_BOVIN	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	2BTF	3C7N	0.99	Sc=6.45927, min distance = 2.098305
ACTB_BOVIN	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2BTF	1OH7	0.99	Sc=6.45436, min distance = 1.044015
ACTB_BOVIN	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	2BTF	3ETJ	0.99	Sc=6.44264, min distance = 2.047315
ACTB_BOVIN	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	2BTF	2BEJ	0.99	Sc=6.44521, min distance = 2.260655
ACTB_BOVIN	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	2BTF	2VT2	0.99	Sc=6.48088, min distance = 1.629515
ACTB_BOVIN	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2BTF	2R7M	0.98	Sc=6.40532, min distance = 2.003285
ACTB_BOVIN	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2BTF	2GNI		Sc=5.97731, min distance = 2.094955
ACTB_BOVIN	F1	91532	AME	PURT_ECOLI	Fu	5957	Aden	1KJ8	2BTF	1KJI	0.99	Sc=6.53207, min distance = 2.007805
ACTH_THEAC	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1H1Q		Sc=6.26795, min distance = 2.019010
ACTH_THEAC	F1	36735	Gpg	PARM_ECOLX	Fu	6022	Aden	1MWM	2FSN	2ZGZ	0.79	Sc=6.45963, min distance = 1.913175
ACTH_THEAC	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2FSN	1BS1	0.91	Sc=6.38671, min distance = 1.938885
ACTH_THEAC	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	2FSN	1COW	0.9	Sc=6.45963, min distance = 2.113215
ACTH_THEAC	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1H0V		Sc=6.06802, min distance = 1.658275
ACTH_THEAC	F1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2FSN	1HIY	0.97	Sc=6.41587, min distance = 2.319225
ACTH_THEAC	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1OI9		Sc=6.37965, min distance = 1.667565
ACTH_THEAC	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2FSN	1ZTF	0.95	Sc=6.17584, min distance = 2.667785
ACTH_THEAC	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1PXI		Sc=5.68534, min distance = 1.873310
ACTH_THEAC	F1	448505	AD	NDKC_DICDI	Fu	6022	Aden	1KDN	2FSN	1S5Z	0.93	Sc=6.44809, min distance = 2.054135
ACTH_THEAC	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1E1V		Sc=5.99673, min distance = 2.121365
ACTH_THEAC	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1H1R		Sc=6.27341, min distance = 2.093865
ACTH_THEAC	F1	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	2FSN	1TYQ	0.99	Sc=6.46674, min distance = 2.300250
ACTH_THEAC	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2FSN	3D2F	0.99	Sc=6.45463, min distance = 1.810435

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ACTH_THEAC	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2FSN	1W7A	0.99	Sc=6.45463, min distance = 1.730232
ACTH_THEAC	F1	5957	Ader	PPCK_ECOLI	Fu	6022	Aden	1K3C	2FSN	2OLR	0.99	Sc=5.98974, min distance = 2.268700
ACTH_THEAC	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2FSN	2R7M	0.99	Sc=6.30457, min distance = 2.223230
ACTH_THEAC	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2FSN	1FMO	0.95	Sc=6.16697, min distance = 2.061535
ACTH_THEAC	F1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2FSN	1D0Y		Sc=6.21437, min distance = 2.012246
ACTH_THEAC	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2FSN	2DXF	0.8	Sc=6.3274, min distance = 2.334451
ACTH_THEAC	F1	6852187	2	O57883_PYRHO	Fu	6022	Aden	1WNL	2FSN	2DTH	0.89	Sc=5.98944, min distance = 2.072242
ACTH_THEAC	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2FSN	2DXE	0.8	Sc=6.39617, min distance = 2.172688
ACTH_THEAC	F1	8977	1dar	O33839_THEMA	Fu	6022	Aden	1XJK	2FSN	1XJE	0.8	Sc=5.97799, min distance = 1.944681
ACTH_THEAC	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	2FSN	2CVW	0.8	Sc=6.43253, min distance = 1.834388
ACTH_THEAC	F1	91532	AME	NIFH1_AZOVI	Fu	6022	Aden	1FP6	2FSN	2AFK	0.99	Sc=6.47861, min distance = 1.293337
ACTH_THEAC	F1	9547890	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	1W8C		Sc=6.05347, min distance = 2.284500
ACTH_THEAC	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSN	2R3H		Sc=6.13164, min distance = 1.013100
ACTNA_DICDI	I	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	1H1Q		Sc=6.36505, min distance = 1.932770
ACTNA_DICDI	I	160355	rc	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	3DDQ		Sc=6.45007, min distance = 1.282800
ACTNA_DICDI	I	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2R3F		Sc=6.05632, min distance = 1.993488
ACTNA_DICDI	I	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2R3J		Sc=6.25142, min distance = 1.630300
ACTNA_DICDI	I	23653519		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2R3K		Sc=6.25142, min distance = 1.761540
ACTNA_DICDI	I	23653520		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2R3L		Sc=6.24677, min distance = 1.821338
ACTNA_DICDI	I	23653524		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2R3P		Sc=6.32019, min distance = 1.734336
ACTNA_DICDI	I	24864078		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2VTO		Sc=6.43407, min distance = 1.658217
ACTNA_DICDI	I	24916751		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	3DOG		Sc=6.45472, min distance = 1.501570
ACTNA_DICDI	I	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	1G8X	1BS1	0.91	Sc=5.99201, min distance = 2.362302
ACTNA_DICDI	I	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	1G8X	1W9I	0.91	Sc=5.97786, min distance = 2.300487
ACTNA_DICDI	I	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	1GZ8		Sc=6.17772, min distance = 2.236998
ACTNA_DICDI	I	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	1H0V		Sc=6.15212, min distance = 2.118268
ACTNA_DICDI	I	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	1G8X	1LVK		Sc=6.16766, min distance = 2.245732
ACTNA_DICDI	I	447656	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	1O1Y		Sc=6.49394, min distance = 1.683820
ACTNA_DICDI	I	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	1PXI		Sc=5.70708, min distance = 1.732209
ACTNA_DICDI	I	447962	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2C5N		Sc=6.29686, min distance = 1.779745
ACTNA_DICDI	I	448014	1c	GSK3B_HUMAN	Fu	6022	Aden	1J1C	1G8X	1Q5K		Sc=6.30404, min distance = 1.432198
ACTNA_DICDI	I	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	1H1R		Sc=6.35603, min distance = 2.079322
ACTNA_DICDI	I	5327130	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2C68		Sc=6.2584, min distance = 1.790960
ACTNA_DICDI	I	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G8X	2C6K		Sc=6.20587, min distance = 2.315640
ACTNA_DICDI	I	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1G8X	1A82	0.99	Sc=6.50791, min distance = 2.405168
ACTNA_DICDI	I	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	1G8X	2ZIA		Sc=6.34458, min distance = 2.080465
ACTNA_DICDI	I	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1G8X	2PO2		Sc=5.89408, min distance = 2.190709

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ACTNA_DICDI	1	6132	Cytl	ECX2_PYRAB	Fu:	6022	Aden	2PO0	1G8X	2PO2		Sc=5.87962, min distance = 2.47202
ACTNA_DICDI	1	6338562	C	MYS2_DICDI	Fu:	6022	Aden	1VOM	1G8X	1D0Y		Sc=6.2615, min distance = 1.886945
ACTNA_DICDI	1	6420139	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1G8X	2C5V		Sc=6.2694, min distance = 1.694899
ACTNA_DICDI	1	91532	AME	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1G8X	1DAG	0.99	Sc=6.52984, min distance = 1.98265
ACTNA_DICDI	1	9547890	I	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1G8X	1W8C		Sc=6.27284, min distance = 1.53020
ACTNA_DICDI	1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1G8X	2VTJ		Sc=5.83618, min distance = 2.18017
ACTS_CHICK	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1MDU	2VNW		Sc=6.15219, min distance = 2.19642
ACTS_CHICK	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1MDU	1YDS		Sc=5.93846, min distance = 1.95039
ACTS_CHICK	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1MDU	1Q8W		Sc=6.00204, min distance = 2.05212
ACTS_CHICK	F1	444564	AD	BIOD_ECOLI	Fu:	5957	Aden	1A82	1MDU	1BS1	0.91	Sc=6.44841, min distance = 2.21856
ACTS_CHICK	F1	444852	CI	ATPB_BOVIN	Fu:	5957	Aden	2V7Q	1MDU	1COW	0.91	Sc=6.51235, min distance = 2.20924
ACTS_CHICK	F1	447004	CI	MYS2_DICDI	Fu:	5957	Aden	1FMW	1MDU	1LVK		Sc=6.53064, min distance = 0
ACTS_CHICK	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1MDU	1YDR		Sc=6.01252, min distance = 2.26761
ACTS_CHICK	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	1MDU	3C7N	0.99	Sc=6.46586, min distance = 2.37685
ACTS_CHICK	F1	6022	Ader	MUTS_ECOLI	Fu:	5957	Aden	1W7A	1MDU	1OH7	0.99	Sc=6.44981, min distance = 1.03942
ACTS_CHICK	F1	6022	Ader	PURK_ECOLI	Fu:	5957	Aden	3ETH	1MDU	3ETJ	0.99	Sc=6.4389, min distance = 2.106864
ACTS_CHICK	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1MDU	2BEJ	0.99	Sc=6.44573, min distance = 2.16400
ACTS_CHICK	F1	6022	Ader	REX_BACSU	Fu1:	5957	Aden	2VT3	1MDU	2VT2	0.99	Sc=6.48088, min distance = 1.52011
ACTS_CHICK	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	1MDU	2J9D	0.99	Sc=6.44981, min distance = 1.08835
ACTS_RABIT	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2FXU	2VNW		Sc=6.17821, min distance = 2.46814
ACTS_RABIT	F1	17727	Doc	FMS1_YEAST	Fu:	1102	sper	3CN8	2HMP	3BI2		Sc=5.75009, min distance = 2.15251
ACTS_RABIT	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2FXU	1YDS		Sc=5.93948, min distance = 2.12143
ACTS_RABIT	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2FXU	1Q8W		Sc=6.00767, min distance = 2.07817
ACTS_RABIT	F1	36735	Gpp	PARM_ECOLX	Fu:	6022	Aden	1MWM	1J6Z	2ZGZ	0.79	Sc=6.53236, min distance = 1.71276
ACTS_RABIT	F1	444564	AD	BIOD_ECOLI	Fu:	5957	Aden	1A82	2FXU	1BS1	0.91	Sc=6.46237, min distance = 2.14664
ACTS_RABIT	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2FXU	1COW	0.91	Sc=6.5299, min distance = 2.019638
ACTS_RABIT	F1	444852	CI	ATPB_BOVIN	Fu:	5957	Aden	2V7Q	2FXU	1COW	0.91	Sc=6.51557, min distance = 2.05205
ACTS_RABIT	F1	446090	1h	NDKC_DICDI	Fu:	6022	Aden	1KDN	1J6Z	1HIY	0.97	Sc=6.48679, min distance = 1.84539
ACTS_RABIT	F1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1J6Z	1OIQ		Sc=6.30432, min distance = 2.01464
ACTS_RABIT	F1	447955	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1J6Z	1PXI		Sc=5.79875, min distance = 2.35435
ACTS_RABIT	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2FXU	1YDR		Sc=6.01898, min distance = 2.17088
ACTS_RABIT	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1J6Z	1H1R		Sc=6.15359, min distance = 1.92257
ACTS_RABIT	F1	6083	ader	ENTP2_RAT	Fu1:	33113	gar	3CJA	1NWK	3CJ7	0.97	Sc=6.41036, min distance = 2.37991
ACTS_RABIT	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	1NWK	1XQS	0.97	Sc=6.39311, min distance = 2.60450
ACTS_RABIT	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1J6Z	1XQS	0.99	Sc=6.3991, min distance = 2.22688
ACTS_RABIT	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	1J6Z	2R7M	0.99	Sc=6.40468, min distance = 2.13914
ACTS_RABIT	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	1J6Z	1FMO	0.95	Sc=6.28497, min distance = 2.59227

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ACTS_RABIT Fu: 6804 guar	NDK_PYRHO Ful: 6022 Aden 2DYA	1J6Z	2DXF	0.8	Sc=6.42525, min distance = 2.20346
ACTS_RABIT Fu: 6852187 2	O57883_PYRHO l 6022 Aden 1WNL	1J6Z	2DTH	0.89	Sc=6.16781, min distance = 1.50558
ACTS_RABIT Fu: 8977 1dar	NDK_PYRHO Ful: 6022 Aden 2DYA	1J6Z	2DXE	0.8	Sc=6.49642, min distance = 2.10899
ACTS_RABIT Fu: 8977 1dar	PARM_ECOLX Fu: 6022 Aden 1MWM	1J6Z	2ZGY	0.8	Sc=6.4895, min distance = 2.229784
ACT_YEAST Fu: 3540 1yds	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1YAG	1YDS		Sc=5.9509, min distance = 2.120165
ACT_YEAST Fu: 3547 Fas	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1YAG	1Q8W		Sc=6.01664, min distance = 2.04027
ACT_YEAST Fu: 444564 AD	BIOD_ECOLI Fu: 5957 Aden 1A82	1YAG	1BS1	0.91	Sc=6.46179, min distance = 2.40653
ACT_YEAST Fu: 444852 CI	ATPB_BOVIN Fu: 5957 Aden 2V7Q	1YAG	1COW	0.91	Sc=6.51709, min distance = 2.15401
ACT_YEAST Fu: 447004 CI	MYS2_DICDI Fu: 5957 Aden 1FMW	1YAG	1LVK		Sc=6.54024, min distance = 0
ACT_YEAST Fu: 449240 1y	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1YAG	1YDR		Sc=6.02048, min distance = 2.01419
ACT_YEAST Fu: 6022 Ader	BIOD_ECOLI Fu: 5957 Aden 1A82	1YAG	1DAD	0.99	Sc=6.46179, min distance = 2.17361
ACT_YEAST Fu: 6022 Ader	HSP7F_YEAST Fu: 5957 Aden 3D2F	1YAG	3C7N	0.99	Sc=6.47542, min distance = 2.07220
ACT_YEAST Fu: 6022 Ader	MUTS_ECOLI Fu: 5957 Aden 1W7A	1YAG	1OH7	0.99	Sc=6.45576, min distance = 2.04844
ACT_YEAST Fu: 6022 Ader	PURK_ECOLI Fu: 5957 Aden 3ETH	1YAG	3ETJ	0.99	Sc=6.44981, min distance = 2.22115
ACT_YEAST Fu: 6022 Ader	Q72H90_THET2 l 5957 Aden 2BEK	1YAG	2BEJ	0.99	Sc=6.46179, min distance = 2.29906
ACT_YEAST Fu: 6022 Ader	Y059_METJA Fu: 5957 Aden 2J9C	1YAG	2J9D	0.99	Sc=6.45761, min distance = 2.12673
ACT_YEAST Fu: 91532 AME	BIOD_ECOLI Fu: 5957 Aden 1A82	1YAG	1DAG	0.99	Sc=6.5483, min distance = 2.053445
ADA_BOVIN Fu: 14257 Unc	BACR_HALSA Fu: 185698 al 1IW6	1W1I	1CWQ		Sc=5.63955, min distance = 1.27699
ADA_BOVIN Fu: 444205 CI	PGH1_SHEEP Fu: 439680 be 1Q4G	1W1I	1EQG		Sc=6.04328, min distance = 0.83377
ADF1_ARATH Fu: 445070 fa	AOFB_HUMAN Fu: 444279 1s 1OJD	1F7S	2BK3		Sc=5.69613, min distance = 2.51519
ADH1A_HUMAN l 11987786	LDH_PLAFD Ful: 5893 nadi 1T2D	1U3T	1T2E	0.77	Sc=6.02484, min distance = 2.24440
ADH1A_HUMAN l 123927 A3	DAPB_ECOLI Fu: 5893 nadi 1DRU	1U3T	1DRV	0.97	Sc=6.30678, min distance = 2.17856
ADH1A_HUMAN l 439153 Di	ADH1B_HUMAN Fu: 5893 nadi 1U3U	1U3T	1DEH	0.79	Sc=6.76419, min distance = 1.27464
ADH1A_HUMAN l 439153 Di	ADH1E_HORSE Fu: 5893 nadi 1MGO	1U3T	2JHF	0.79	Sc=6.3114, min distance = 2.583308
ADH1A_HUMAN l 440141 9i	G6PD_LEUME Fu: 5893 nadi 1H94	1U3T	1E7Y		Sc=5.62387, min distance = 2.68546
ADH1B_HUMAN l 11987786	LDH_PLAFD Ful: 5893 nadi 1T2D	1U3U	1T2E	0.77	Sc=6.32095, min distance = 2.21823
ADH1B_HUMAN l 123927 A3	DAPB_ECOLI Fu: 5893 nadi 1DRU	1U3U	1DRV	0.97	Sc=6.7644, min distance = 2.175731
ADH1E_HORSE l 11987786	LDH_PLAFD Ful: 5893 nadi 1T2D	1MGO	1T2E	0.77	Sc=6.75312, min distance = 2.24489
ADH1E_HORSE l 123927 A3	DAPB_ECOLI Fu: 5893 nadi 1DRU	1MGO	1DRV	0.97	Sc=6.75536, min distance = 2.00481
ADH1E_HORSE l 16129587	G3PA_SPIOL Fu: 5893 nadi 1NBO	1MGO	2PKR		Sc=6.79124, min distance = 1.60086
ADH1E_HORSE l 4369002 C	LDHA_PIG Full: 5893 nadi 9LDB	1MGO	9LDT	0.77	Sc=6.75832, min distance = 2.50780
ADH1E_HORSE l 440516 CI	MDH_THETH Ful: 5893 nadi 1BMD	1MGO	1BDM	0.79	Sc=6.32292, min distance = 2.55048
ADH1E_HORSE l 5957 Ader	REX_BACSU Ful: 6022 Aden 2VT2	1JU9	2VT3	0.99	Sc=6.43591, min distance = 1.60612
ADH1G_HUMAN l 123927 A3	DAPB_ECOLI Fu: 5893 nadi 1DRU	1U3W	1DRV	0.97	Sc=6.77055, min distance = 2.11672
ADH1G_HUMAN l 446288 NA	G3P_PALVE Ful: 5893 nadi 1DSS	1U3W	1IHX		Sc=6.77404, min distance = 1.64878
ADH1G_HUMAN l 5957 Ader	KTRA_BACSU Fu: 5893 nadi 1LSU	1U3W	2HMW		Sc=6.03402, min distance = 2.04405
ADH1S_HORSE l 11987786	LDH_PLAFD Ful: 5893 nadi 1T2D	1EE2	1T2E	0.77	Sc=6.75955, min distance = 2.00062

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ADH1S_HORSE	1	4369002	LDHA_PIG	Full	5893	nadi	9LDB	1EE2	9LDT	0.77	Sc=6.76187, min distance = 2.30926
ADH1S_HORSE	1	439153	CTBP1_RAT	Ful	5893	nadi	1HKU	1EE2	1HL3	0.79	Sc=6.76266, min distance = 2.10946
ADH1S_HORSE	1	439153	GALE_ECOLI	Fu	5893	nadi	1UDC	1EE2	1UDB	0.79	Sc=6.76665, min distance = 2.05941
ADH1S_HORSE	1	446288	G3P_PALVE	Ful	5893	nadi	1DSS	1EE2	1IHX		Sc=6.7662, min distance = 1.690069
ADH1S_HORSE	1	5957	MAOM_HUMAN	Fu	5893	nadi	1PJ3	1EE2	1GZ4		Sc=6.49587, min distance = 0.92998
ADH1_ENTHI	F	23624247	WRBA_ECOLI	Fu	62551	Pen	3B6K	2OUI	3B6I		Sc=5.73537, min distance = 2.22528
ADH1_ENTHI	F	444211	ACES_TORCA	Fu	8200	TETR	1DX6	2OUI	1ACJ		Sc=5.87388, min distance = 2.14050
ADH1_GADCA	F	11987786	LDH_PLAFD	Ful	5893	nadi	1T2D	1CDO	1T2E	0.77	Sc=6.27166, min distance = 2.55218
ADH1_GADCA	F	123927	DAPB_ECOLI	Fu	5893	nadi	1DRU	1CDO	1DRV	0.97	Sc=6.72015, min distance = 2.14801
ADH1_GADCA	F	123927	Q9GT92_CRYPV	1	5893	nadi	2FM3	1CDO	2EWD	0.97	Sc=6.71837, min distance = 2.80074
ADH1_GADCA	F	439153	ADH1E_HORSE	F	5893	nadi	1MGO	1CDO	2JHF	0.79	Sc=6.72252, min distance = 2.76695
ADH1_GADCA	F	439153	CTBP1_RAT	Ful	5893	nadi	1HKU	1CDO	1HL3	0.79	Sc=6.70927, min distance = 2.24352
ADH1_GADCA	F	440516	MDH_THETH	Ful	5893	nadi	1BMD	1CDO	1BDM	0.79	Sc=6.28122, min distance = 2.12608
ADH1_GADCA	F	445794	ADHX_HUMAN	Fu	5893	nadi	2FZW	1CDO	2FZE		Sc=6.57162, min distance = 2.19119
ADH1_GADCA	F	446288	G3P_PALVE	Ful	5893	nadi	1DSS	1CDO	1IHX		Sc=6.73138, min distance = 2.23923
ADH4_HUMAN	F	123927	Q9GT92_CRYPV	1	5893	nadi	2FM3	3COS	2EWD	0.97	Sc=6.74547, min distance = 2.44036
ADH4_HUMAN	F	439153	ADH1B_HUMAN	F	5893	nadi	1U3U	3COS	1DEH	0.79	Sc=6.75142, min distance = 2.22191
ADH4_HUMAN	F	439153	CTBP1_RAT	Ful	5893	nadi	1HKU	3COS	1HL3	0.79	Sc=6.7321, min distance = 2.34343
ADH4_HUMAN	F	6102710	Q4PRK9_PLAVI	1	5893	nadi	2A92	3COS	2AA3	0.95	Sc=6.74507, min distance = 2.46587
ADH4_MOUSE	F	11987786	LDH_PLAFD	Ful	5893	nadi	1T2D	1E3I	1T2E	0.77	Sc=5.99634, min distance = 2.66371
ADH4_MOUSE	F	123927	Q9GT92_CRYPV	1	5893	nadi	2FM3	1E3I	2EWD	0.97	Sc=5.99898, min distance = 2.63357
ADH4_MOUSE	F	439153	ADH1B_HUMAN	F	5893	nadi	1U3U	1E3I	1DEH	0.79	Sc=6.28621, min distance = 2.38315
ADH4_MOUSE	F	439153	CTBP1_RAT	Ful	5893	nadi	1HKU	1E3I	1HL3	0.79	Sc=6.27297, min distance = 2.71864
ADH4_MOUSE	F	440516	MDH_THETH	Ful	5893	nadi	1BMD	1E3I	1BDM	0.79	Sc=5.83413, min distance = 2.61481
ADH4_MOUSE	F	445794	ADHX_HUMAN	Fu	5893	nadi	2FZW	1E3I	2FZE		Sc=5.82652, min distance = 2.82534
ADH4_MOUSE	F	446050	G3P_HUMAN	Ful	5893	nadi	1U8F	1E3I	3GPD	0.95	Sc=6.28117, min distance = 2.19675
ADH4_MOUSE	F	446288	G3P_PALVE	Ful	5893	nadi	1DSS	1E3I	1IHX		Sc=6.27783, min distance = 2.12651
ADH4_MOUSE	F	6102710	Q4PRK9_PLAVI	1	5893	nadi	2A92	1E3I	2AA3	0.95	Sc=6.28577, min distance = 2.66299
ADH6_YEAST	F	15942680	6PGD_LACLM	Fu	5886	NADF	2IZ0	1PS0	2IZ1		Sc=6.27282, min distance = 0.81549
ADH6_YEAST	F	440141	DHB1_HUMAN	Fu	5886	NADF	1QYV	1PS0	1QYW		Sc=5.632, min distance = 2.10113
ADH7_HUMAN	F	11987786	LDH_PLAFD	Ful	5893	nadi	1T2D	1D1T	1T2E	0.77	Sc=6.74779, min distance = 2.15772
ADH7_HUMAN	F	123927	DAPB_ECOLI	Fu	5893	nadi	1DRU	1D1T	1DRV	0.97	Sc=6.7577, min distance = 1.92268
ADH7_HUMAN	F	4369002	LDHA_PIG	Full	5893	nadi	9LDB	1D1T	9LDT	0.77	Sc=6.7446, min distance = 2.42418
ADH7_HUMAN	F	439153	ADH1B_HUMAN	F	5893	nadi	1U3U	1D1T	1DEH	0.79	Sc=6.80093, min distance = 1.47006
ADH7_HUMAN	F	439153	CTBP1_RAT	Ful	5893	nadi	1HKU	1D1T	1HL3	0.79	Sc=6.74683, min distance = 1.86893
ADH7_HUMAN	F	439153	GALE_ECOLI	Fu	5893	nadi	1UDC	1D1T	1UDB	0.79	Sc=6.75575, min distance = 2.00275
ADH7_HUMAN	F	440516	MDH_THETH	Ful	5893	nadi	1BMD	1D1T	1BDM	0.79	Sc=6.319, min distance = 2.37706

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ADH7_HUMAN	Ft	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	1D1T	1WXI			Sc=5.78628, min distance = 2.310966
ADH7_HUMAN	Ft	6420113	C	MDH_THETH	Fu	5893	nadi	1BMD	1D1T	1WZI	0.77		Sc=6.22271, min distance = 0.750456
ADH8_RANPE	Ft	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1P0F	1E7Y			Sc=5.88887, min distance = 2.557014
ADHX_HUMAN	Ft	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	2FZW	1T2E	0.77		Sc=6.00278, min distance = 2.343036
ADHX_HUMAN	Ft	15942665		INHA_MYCTU	Fu	5893	nadi	2H7I	2FZW	2H9I	0.88		Sc=6.83624, min distance = 2.083326
ADHX_HUMAN	Ft	15942690		INHA_MYCTU	Fu	5893	nadi	2H7I	2FZW	2NTJ			Sc=6.11107, min distance = 2.089407
ADHX_HUMAN	Ft	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	2FZW	2PKR			Sc=6.05605, min distance = 1.745478
ADHX_HUMAN	Ft	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2FZW	1I3K	0.79		Sc=6.75455, min distance = 1.874266
ADHX_HUMAN	Ft	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	2FZW	9LDT	0.77		Sc=6.7497, min distance = 1.1343019
ADHX_HUMAN	Ft	439153	Di	ADH1E_HORSE	Ft	5893	nadi	1MGO	2FZW	2JHF	62.2	0.79	Sc=6.73586, min distance = 2.460029
ADHX_HUMAN	Ft	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	2FZW	1HL3	0.79		Sc=6.7248, min distance = 2.2536401
ADHX_HUMAN	Ft	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	2FZW	1BDM	0.79		Sc=6.3109, min distance = 1.2423839
ADHX_HUMAN	Ft	6022	Ader	ADH1E_HORSE	Ft	445794	AD	5ADH	2FZE	1JU9	62.2	0.95	Sc=5.92857, min distance = 2.553378
ADHX_HUMAN	Ft	6022	Ader	YMX7_YEAST	Fu	445794	AD	1TXZ	2FZE	1TY8	0.95		Sc=6.38455, min distance = 2.380233
ADH_DROLE	Fu	165230	1a	G6PD_LEUME	Fu	5893	nadi	1H9A	1SBY	2DPG			Sc=6.53008, min distance = 1.665227
ADH_DROLE	Fu	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1SBY	1V35	0.79		Sc=6.76955, min distance = 2.084204
ADH_DROLE	Fu	440141	9i	G6PD_LEUME	Fu	5893	nadi	1H9A	1SBY	1E7Y			Sc=6.47978, min distance = 2.255784
ADH_DROLE	Fu	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	1SBY	1WXI			Sc=6.33616, min distance = 2.116312
ADH_DROME	Fu	5893	nadi	GALE_HUMAN	Fu	169266	1,	1I3K	1MG5	1HZJ	0.79		Sc=6.77643, min distance = 2.259734
ADH_SULSO	Fu	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1R37	1T2E	0.77		Sc=6.78175, min distance = 2.581078
ADH_SULSO	Fu	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	1R37	1DRV	0.97		Sc=6.32361, min distance = 2.088614
ADH_SULSO	Fu	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1R37	9LDT	0.77		Sc=6.77582, min distance = 2.627039
ADH_SULSO	Fu	439153	Di	ADH1B_HUMAN	Ft	5893	nadi	1U3U	1R37	1DEH	0.79		Sc=6.79947, min distance = 1.377719
ADH_SULSO	Fu	439153	Di	ADH1E_HORSE	Ft	5893	nadi	1MGO	1R37	2JHF	0.79		Sc=6.77549, min distance = 2.515634
ADH_SULSO	Fu	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	1R37	1HL3	0.79		Sc=6.77175, min distance = 2.152283
ADH_SULSO	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1R37	1BDM	0.79		Sc=6.34771, min distance = 2.195480
ADH_SULSO	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1R37	2FZE			Sc=6.6338, min distance = 2.3141214
ADH_SULSO	Fu	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1R37	1IHX			Sc=6.77777, min distance = 1.739913
ADH_SULTO	Fu	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	2EER	1DRV	0.97		Sc=6.32297, min distance = 2.102056
ADH_SULTO	Fu	439153	Di	ADH1B_HUMAN	Ft	5893	nadi	1U3U	2EER	1DEH	0.79		Sc=6.80188, min distance = 1.159692
ADH_SULTO	Fu	439153	Di	ADH1E_HORSE	Ft	5893	nadi	1MGO	2EER	2JHF	0.79		Sc=6.77549, min distance = 2.554246
ADH_SULTO	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	2EER	1BDM	0.79		Sc=6.34661, min distance = 1.968012
ADH_THEBR	Fu	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2NVB	2IZ1			Sc=6.20541, min distance = 0.987569
ADH_THEBR	Fu	16741136		DYR_ECOLI	Fu	5886	NADF	1RA2	2NVB	1RX9	1		Sc=5.90584, min distance = 2.000292
ADH_THEBR	Fu	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2NVB	1E7Y			Sc=6.24492, min distance = 2.176796
ADK_HUMAN	Fu	24180721		PIM1_HUMAN	Fu	60961	ade	1YI4	1BX4	3C4E			Sc=5.95519, min distance = 2.577102
ADK_HUMAN	Fu	5281701	T	PIM1_HUMAN	Fu	60961	ade	1YI4	1BX4	2O65			Sc=6.31553, min distance = 2.456873

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ADK_HUMAN	Fu: 5327148	KAPCA_MOUSE	Fu: 60961	ade	1FMO	1BX4	2ERZ		Sc=6.17763, min distance = 2.053735	
ADK_HUMAN	Fu: 6083	ader	SYQ_ECOLI	Fu: 60961	ade	100B	1BX4	1ZJW	0.96 Sc=6.32397, min distance = 1.664169	
ADK_HUMAN	Fu: 611002	Op	PIM1_HUMAN	Fu: 60961	ade	1YI4	1BX4	1YXX	Sc=6.22907, min distance = 1.218751	
ADK_HUMAN	Fu: 6802	guar	A5KE01_PLAVI	1	60961	ade	2PGF	1BX4	2QVN	0.79 Sc=6.2993, min distance = 2.2906761
ADK_HUMAN	Fu: 8975	2-Fl	SAHH_MYCTU	Fu: 60961	ade	3CE6	1BX4	2ZJ0	0.99 Sc=6.24562, min distance = 1.912369	
ADK_TOXGO	Fu: 21704	Vic	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1PW7	0.88 Sc=6.16907, min distance = 2.180596	
ADK_TOXGO	Fu: 439176	Me	MTAP_SULSO	Fu: 60961	ade	1JDV	1DGM	1JDT	0.91 Sc=6.15601, min distance = 1.972062	
ADK_TOXGO	Fu: 447722	9-	DEOD_ECOLI	Fu: 60961	ade	1PK7	1DGM	1OUM	0.9 Sc=6.20594, min distance = 1.707251	
ADK_TOXGO	Fu: 447722	9-	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1OUM	0.84 Sc=6.1842, min distance = 1.9700059	
ADK_TOXGO	Fu: 447724	9-	DEOD_ECOLI	Fu: 60961	ade	1PK7	1DGM	1OV6	0.9 Sc=6.1949, min distance = 0.6040480	
ADK_TOXGO	Fu: 447864	2-	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1PKE	0.85 Sc=6.1141, min distance = 1.9860049	
ADK_TOXGO	Fu: 447916	ad	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1PR6	0.88 Sc=6.23841, min distance = 1.739299	
ADK_TOXGO	Fu: 5327148	C	KAPCA_MOUSE	Fu: 60961	ade	1FMO	1DGM	2ERZ	Sc=6.12828, min distance = 2.136077	
ADK_TOXGO	Fu: 6021	inos	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1PR0	Sc=6.19256, min distance = 1.866852	
ADK_TOXGO	Fu: 6021	inos	TMPC_TREPA	Fu: 60961	ade	2FQY	1DGM	2FQW	0.79 Sc=5.8074, min distance = 2.8830300	
ADK_TOXGO	Fu: 6083	ader	SYQ_ECOLI	Fu: 60961	ade	100B	1DGM	1ZJW	0.96 Sc=6.20403, min distance = 2.863142	
ADK_TOXGO	Fu: 6245	tube	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1PR5	Sc=6.20716, min distance = 2.412660	
ADK_TOXGO	Fu: 6802	guar	TMPC_TREPA	Fu: 60961	ade	2FQY	1DGM	2FQX	0.79 Sc=5.86362, min distance = 2.054719	
ADK_TOXGO	Fu: 72443	for	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1A69	Sc=6.27849, min distance = 2.057922	
ADK_TOXGO	Fu: 8975	2-Fl	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1PK9	0.87 Sc=6.20895, min distance = 1.499810	
ADK_TOXGO	Fu: 8975	2-Fl	SAHH_MYCTU	Fu: 60961	ade	3CE6	1DGM	2ZJ0	0.99 Sc=5.8408, min distance = 2.1824797	
ADK_TOXGO	Fu: 97184	6-M	DEOD_ECOLI	Fu: 60961	ade	1PK7	1DGM	1OVG	0.9 Sc=6.08846, min distance = 1.759961	
ADK_TOXGO	Fu: 97184	6-M	DEOD_ECOLI	Fu: 9570	6-Me	1PR4	2AA0	1OVG	0.83 Sc=6.13917, min distance = 1.695557	
ADOK_MYCTU	Fu: 33113	gar	PURT_ECOLI	Fu: 91532	AMP	1KJI	2PKN	1EYZ	0.99 Sc=5.97261, min distance = 2.137189	
ADOK_MYCTU	Fu: 440317	AT	PKNB_MYCTU	Fu: 91532	AMP	1O6Y	2PKN	1MRU	0.99 Sc=6.42238, min distance = 2.298907	
ADOK_MYCTU	Fu: 444564	Al	BIOD_ECOLI	Fu: 91532	AMP	1DAG	2PKN	1BS1	0.91 Sc=5.90565, min distance = 2.358767	
ADOK_MYCTU	Fu: 5957	Ader	AROK_MYCTU	Fu: 91532	AMP	1ZYU	2PKN	2IYW	0.99 Sc=5.97002, min distance = 2.412254	
ADOK_MYCTU	Fu: 5957	Ader	BIOD_ECOLI	Fu: 91532	AMP	1DAG	2PKN	1A82	0.99 Sc=5.77037, min distance = 2.350769	
ADOK_MYCTU	Fu: 6022	Ader	BIOD_ECOLI	Fu: 91532	AMP	1DAG	2PKN	1DAD	0.99 Sc=5.91218, min distance = 2.230883	
ADOK_MYCTU	Fu: 6022	Ader	DNAA_AQUAE	Fu: 91532	AMP	2HCB	2PKN	1L8Q	0.99 Sc=5.87978, min distance = 2.124983	
ADOK_MYCTU	Fu: 6022	Ader	PURP_METJA	Fu: 91532	AMP	2R7K	2PKN	2R7N	0.99 Sc=5.90213, min distance = 2.138901	
ADOK_MYCTU	Fu: 6022	Ader	PURT_ECOLI	Fu: 91532	AMP	1KJI	2PKN	1KJQ	0.99 Sc=6.36524, min distance = 2.102891	
ADOK_MYCTU	Fu: 6022	Ader	RBSK_ECOLI	Fu: 91532	AMP	1GQT	2PKN	1RKD	0.99 Sc=6.40192, min distance = 2.453474	
ADOK_MYCTU	Fu: 6083	ader	PURP_METJA	Fu: 91532	AMP	2R7K	2PKN	2R7M	0.97 Sc=5.84529, min distance = 2.275289	
ADPP_ECOLI	Fu: 6083	ader	Q84CU3_THETH	1	445794	AD	1V8M	1G9Q	1V8S	0.94 Sc=5.99031, min distance = 2.401289
ADRO_BOVIN	Fu: 11987634		TYTR_TRYCR	Fu: 444188	CI	1BZL	1CJC	1AOG	0.97 Sc=6.43069, min distance = 1.809512	
ADRO_BOVIN	Fu: 15942680		6PGD_LACLM	Fu: 5886	NADF	2IZ0	1E1L	2IZ1	Sc=6.26898, min distance = 1.381427	

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ADRO_BOVIN	F1	23631921	LSD1_HUMAN	Fu:	444188	CI	2DW4	1CJC	2Z3Y	0.91	Sc=6.48997, min distance = 2.046090
ADRO_BOVIN	F1	444502	GSHR_HUMAN	Fu:	444188	CI	3DK9	1CJC	1BWC	0.98	Sc=6.42459, min distance = 2.123510
ADRO_BOVIN	F1	444502	TYTR_TRYCR	Fu:	444188	CI	1BZL	1CJC	1GXF	0.98	Sc=6.42818, min distance = 2.213520
ADRO_BOVIN	F1	446013	O28603_ARCFU	I	444188	CI	1JNR	1CJC	1JNZ	0.94	Sc=6.42696, min distance = 2.054180
ADRO_BOVIN	F1	449465	GSHR_HUMAN	Fu:	444188	CI	3DK9	1CJC	3GRT	0.98	Sc=6.42774, min distance = 2.342210
ADRO_BOVIN	F1	6420174	O28603_ARCFU	I	444188	CI	1JNR	1CJC	2FJB	0.92	Sc=6.43622, min distance = 2.011390
ADRO_BOVIN	F1	6420174	O28604_ARCFU	I	444188	CI	1JNR	1CJC	2FJB	0.92	Sc=6.43622, min distance = 2.058020
AGAL_HUMAN	F1	15133	CARP_YEAST	Fu:	439680	be	1DPJ	1R46	1FQ5		Sc=5.69304, min distance = 2.140860
AGAL_HUMAN	F1	439731	ARAF_ECOLI	Fu:	439357	ga	8ABP	1R47	6ABP	0.93	Sc=5.65485, min distance = 2.377280
AGAL_HUMAN	F1	439764	ARAF_ECOLI	Fu:	439357	ga	8ABP	1R47	6ABP	0.93	Sc=5.64101, min distance = 2.473970
AGAL_ORYSJ	F1	444635	ATLE_AGRAE	Fu:	439353	be	1WW6	1UAS	1WW5	0.9	Sc=5.78694, min distance = 2.021900
AGAL_ORYSJ	F1	444635	MBL1_RAT	Full:	439353	be	2KMB	1UAS	3KMB	0.9	Sc=5.80192, min distance = 1.613300
AGAL_ORYSJ	F1	445340	ELBP_ECOLX	Fu:	439353	be	1LT3	1UAS	1EFI		Sc=6.25204, min distance = 1.953930
AGAL_ORYSJ	F1	446996	Q9HYN5_PSEAE	I	439353	be	1W8F	1UAS	1W8H	0.89	Sc=5.80655, min distance = 1.962480
AGAL_ORYSJ	F1	657082	LEG3_HUMAN	Fu:	439353	be	1KJL	1UAS	1KJR	0.75	Sc=5.65947, min distance = 2.532300
AGGL_RICCO	F1	439731	ARAF_ECOLI	Fu:	439353	be	8ABP	1RZO	6ABP	0.93	Sc=5.61389, min distance = 2.510970
AGGL_RICCO	F1	439764	ARAF_ECOLI	Fu:	439353	be	8ABP	1RZO	6ABP	0.93	Sc=5.60269, min distance = 2.454790
AGGL_RICCO	F1	7027	Q72KX2_THET2	I	439353	be	2B3F	1RZO	2B3B		Sc=5.83805, min distance = 2.241530
AGI1_WHEAT	F1	8761	MLTB_ECOLI	Fu:	24139	ace	1QUT	2UVO	1QUS		Sc=5.61263, min distance = 2.070250
AGI2_WHEAT	F1	985	EST1_HUMAN	Fu:	444885	O-	2H7C	2WGC	2DQY		Sc=5.88534, min distance = 2.318340
AGLA_THEMA	F1	123927	DAPB_ECOLI	Fu:	5893	nadi	1DRU	1OBB	1DRV	0.97	Sc=6.31378, min distance = 1.243340
AGLA_THEMA	F1	439153	ADH1B_HUMAN	F1	5893	nadi	1U3U	1OBB	1DEH	0.79	Sc=6.40404, min distance = 1.289910
AGLA_THEMA	F1	439153	ADH1E_HORSE	F1	5893	nadi	1MGO	1OBB	2JHF	0.79	Sc=6.70429, min distance = 1.044590
AGLA_THEMA	F1	445794	ADHX_HUMAN	Fu:	5893	nadi	2FZW	1OBB	2FZE		Sc=6.60603, min distance = 2.140010
AGLA_THEMA	F1	6022	Q5SI02_THET8	I	5893	nadi	2BJK	1OBB	2BJA		Sc=6.2882, min distance = 2.3314890
AGLA_THEMA	F1	6102710	Q4PRK9_PLAVI	I	5893	nadi	2A92	1OBB	2AA3	0.95	Sc=6.41208, min distance = 1.151720
AGO2_DROME	F1	444915	CDGT2_BACCI	F1	439341	ma	1KCL	1R6Z	1CXL		Sc=5.81074, min distance = 1.155690
AGO2_DROME	F1	447139	MALE_ECOLI	Fu:	439341	ma	1JVY	1R6Z	1MDQ	0.91	Sc=6.38652, min distance = 2.496520
AHPF_ECOLI	F1	16740985	FRDA_SHEFR	Fu:	444188	CI	1M64	1FL2	1E39	0.93	Sc=6.43837, min distance = 2.233580
AHPF_ECOLI	F1	444502	FRDA_SHEFR	Fu:	444188	CI	1M64	1FL2	1QJD	0.98	Sc=6.43899, min distance = 2.301180
AHPF_ECOLI	F1	446013	O28603_ARCFU	I	444188	CI	1JNR	1FL2	1JNZ	0.94	Sc=6.4433, min distance = 2.2878640
AHPF_ECOLI	F1	446013	O28604_ARCFU	I	444188	CI	1JNR	1FL2	1JNZ	0.94	Sc=6.44358, min distance = 2.253970
AHPF_ECOLI	F1	449465	GSHR_HUMAN	Fu:	444188	CI	3DK9	1FL2	3GRT	0.98	Sc=6.43856, min distance = 2.323310
AHPF_SALTY	F1	16740985	FRDA_SHEFR	Fu:	444188	CI	1M64	1HYU	1E39	0.93	Sc=6.86079, min distance = 2.246040
AHPF_SALTY	F1	444502	FRDA_SHEFR	Fu:	444188	CI	1M64	1HYU	1QJD	0.98	Sc=6.86228, min distance = 2.315420
AHPF_SALTY	F1	445794	PHHY_PSEFL	Fu:	444188	CI	1PBE	1HYU	2PHH		Sc=6.21202, min distance = 2.095370
AHPF_SALTY	F1	446013	O28604_ARCFU	I	444188	CI	1JNR	1HYU	1JNZ	0.94	Sc=6.86696, min distance = 2.364070

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AHPF_SALTY Fu: 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1HYU	3GRT	0.98	Sc=6.86991, min distance = 2.449002
AIFM1_HUMAN I 11987634	GLPD_ECOLI Fu: 444188 CI 2QCU	1M6I	2R4E	0.97	Sc=6.44053, min distance = 2.011351
AIFM1_HUMAN I 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1M6I	1E39	0.93	Sc=6.43415, min distance = 2.412416
AIFM1_HUMAN I 446013 1,	O28603_ARCFU I 444188 CI 1JNR	1M6I	1JNZ	0.94	Sc=6.43692, min distance = 2.204610
AIFM1_HUMAN I 446013 1,	O28604_ARCFU I 444188 CI 1JNR	1M6I	1JNZ	0.94	Sc=6.4354, min distance = 2.255095
AIFM1_HUMAN I 448054 CI	FRDA_SHEFR Fu: 444188 CI 1M64	1M6I	1Y0P	0.97	Sc=6.43663, min distance = 2.456107
AIFM1_HUMAN I 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1M6I	3GRT	0.98	Sc=6.43415, min distance = 2.125440
AIFM1_HUMAN I 6420174 C	O28604_ARCFU I 444188 CI 1JNR	1M6I	2FJB	0.92	Sc=6.4469, min distance = 2.1690398
AIFM1_MOUSE I 11987634	GLPD_ECOLI Fu: 444188 CI 2QCU	1GV4	2R4E	0.97	Sc=6.16011, min distance = 1.956745
AIFM1_MOUSE I 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1GV4	1E39	0.93	Sc=6.43744, min distance = 2.377218
AIFM1_MOUSE I 444502 CI	FRDA_SHEFR Fu: 444188 CI 1M64	1GV4	1QJD	0.98	Sc=6.15909, min distance = 2.400942
AIFM1_MOUSE I 446013 1,	O28603_ARCFU I 444188 CI 1JNR	1GV4	1JNZ	0.94	Sc=6.44027, min distance = 2.094517
AIFM1_MOUSE I 6420174 C	O28603_ARCFU I 444188 CI 1JNR	1GV4	2FJB	0.92	Sc=6.44905, min distance = 2.080704
AIFM1_MOUSE I 6420174 C	O28604_ARCFU I 444188 CI 1JNR	1GV4	2FJB	0.92	Sc=6.44883, min distance = 2.079910
AK1C1_HUMAN I 15942680	6PGD_LACLM Fu: 5886 NADF 2IZ0	1MRQ	2IZ1		Sc=6.14145, min distance = 2.104644
AK1C1_HUMAN I 440141 9i	DHB1_HUMAN Fu: 5886 NADF 1QYV	1MRQ	1QYW		Sc=6.44121, min distance = 2.044627
AK1C3_HUMAN I 15942680	6PGD_LACLM Fu: 5886 NADF 2IZ0	1S1P	2IZ1		Sc=6.15447, min distance = 2.184379
AK1C3_HUMAN I 72099 flv	PGH2_MOUSE Fu: 3715 indc 4COX	1S2A	3PGH		Sc=5.87132, min distance = 2.297516
AK1C4_HUMAN I 15942680	6PGD_LACLM Fu: 5886 NADF 2IZ0	2FVL	2IZ1		Sc=6.14754, min distance = 2.067987
AK1CL_MOUSE I 15942680	6PGD_LACLM Fu: 5886 NADF 2IZ0	2HEJ	2IZ1		Sc=6.15706, min distance = 2.321637
AK1D1_HUMAN I 13455857	IGKC_MOUSE Fu: 23831 HEP 1P7K	3BUV	3C6S		Sc=5.61411, min distance = 1.151636
AK1D1_HUMAN I 15942680	6PGD_LACLM Fu: 5886 NADF 2IZ0	3BUV	2IZ1		Sc=6.14754, min distance = 2.113649
AK1D1_HUMAN I 164795 N	RBCMT_PEA Fu: 23831 HEP 1MLV	3BUV	2H2J		Sc=5.63353, min distance = 1.496731
AK1D1_HUMAN I 222865 Ar	DHB1_HUMAN Fu: 11987715 1JTV	3BUR	1QYW		Sc=5.98824, min distance = 2.337300
AK1D1_HUMAN I 222865 Ar	DHB1_HUMAN Fu: 6128 andr 1QYX	3CAS	1QYW	0.77	Sc=6.01096, min distance = 2.299820
AK1D1_HUMAN I 245468 6-	DHB1_HUMAN Fu: 11987715 1JTV	3BUR	1FDU		Sc=5.99704, min distance = 1.832959
AK1D1_HUMAN I 439710 rh	IGKC_MOUSE Fu: 23831 HEP 1P7K	3BUV	3BZ4		Sc=5.60997, min distance = 2.232189
AK1D1_HUMAN I 440141 9i	DHB1_HUMAN Fu: 5886 NADF 1QYV	3BUV	1QYW		Sc=6.43626, min distance = 2.019254
AK1D1_HUMAN I 445939 1c	PPTA_ECOLI Fu: 23831 HEP 1GYX	3BUV	1GYX		Sc=5.77347, min distance = 2.243326
AK1_ARATH Fu: 21945395	SETD7_HUMAN Fu: 34756 Acy 1N6A	2CDQ	1XQH	0.88	Sc=6.00343, min distance = 2.575240
AK3_ECOLI Fu: 5957 Ader	PURL_THEMA Fu: 6022 Aden 2HRU	2J0W	2HS0	0.99	Sc=6.16317, min distance = 2.469400
AKT2_HUMAN Fu: 11608401	IPKA_HUMAN Fu: 11175137 2UW7	2UW9	2UVY		Sc=6.19838, min distance = 2.395854
AKT2_HUMAN Fu: 11608401	KAPCA_BOVIN Fu: 11175137 2UW7	2UW9	2UVY	44.86	Sc=6.20623, min distance = 2.362310
AKT2_HUMAN Fu: 11608401	KAPCA_BOVIN Fu: 11857236 3E8C	3E88	2UVY	44.86	Sc=6.21795, min distance = 2.049289
AKT2_HUMAN Fu: 11696113	KAPCA_BOVIN Fu: 11175137 2UW7	2UW9	2VO3	44.86	Sc=6.23085, min distance = 2.256017
AKT2_HUMAN Fu: 11696113	KAPCA_BOVIN Fu: 11857236 3E8C	3E88	2VO3	44.86	Sc=6.28925, min distance = 1.851779
AKT2_HUMAN Fu: 11708454	KAPCA_BOVIN Fu: 11175137 2UW7	2UW9	2VNW	44.86	Sc=6.15749, min distance = 2.250099

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AKT2_HUMAN	F1	11708454	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2VNW	44.86	Sc=6.17565, min distance = 2.02045		
AKT2_HUMAN	F1	15602982	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2UW6	44.86	Sc=6.0985, min distance = 2.079299		
AKT2_HUMAN	F1	15602983	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2UW5	44.86	0.92 Sc=6.13935, min distance = 2.687688		
AKT2_HUMAN	F1	15602983	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2UW5	44.86	Sc=6.08465, min distance = 2.16883		
AKT2_HUMAN	F1	16122632	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2UVZ	44.86	Sc=6.35603, min distance = 2.41548		
AKT2_HUMAN	F1	16122632	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2UVZ	44.86	Sc=6.31667, min distance = 2.16037		
AKT2_HUMAN	F1	16122632	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	2UVZ	44.86	Sc=6.34131, min distance = 2.06192		
AKT2_HUMAN	F1	16122633	IPKA_HUMAN	Fu	11175137	2UW7	2UW9	2UW0	44.86	Sc=6.45483, min distance = 2.30584		
AKT2_HUMAN	F1	16122633	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2UW0	44.86	Sc=6.46385, min distance = 2.37030		
AKT2_HUMAN	F1	16122634	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2UW4	44.86	0.77 Sc=5.95528, min distance = 2.18756		
AKT2_HUMAN	F1	16122635	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2UW8	44.86	Sc=5.72884, min distance = 2.71565		
AKT2_HUMAN	F1	16122635	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2UW8	44.86	Sc=5.74295, min distance = 1.18643		
AKT2_HUMAN	F1	16122635	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	2UW8	44.86	Sc=5.65697, min distance = 2.36732		
AKT2_HUMAN	F1	16122642	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	2UZW	44.86	Sc=6.39759, min distance = 1.92208		
AKT2_HUMAN	F1	17751819	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2VO6	44.86	Sc=6.29397, min distance = 2.39002		
AKT2_HUMAN	F1	17751819	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2VO6	44.86	Sc=6.26075, min distance = 2.08642		
AKT2_HUMAN	F1	24701731	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2VNY	44.86	Sc=6.10488, min distance = 2.29295		
AKT2_HUMAN	F1	24762195	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2VO0	44.86	Sc=6.30293, min distance = 2.21567		
AKT2_HUMAN	F1	3064778	ROCK1_HUMAN	F1	33113	garr	2V55	106L	2ETK	38.11	Sc=6.09235, min distance = 2.04030	
AKT2_HUMAN	F1	3540	1yds	KAPCA_BOVIN	F1	11857236	3E8C	3E88	1YDS	44.86	Sc=5.90241, min distance = 1.98128	
AKT2_HUMAN	F1	3540	1yds	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	1YDS	44.86	Sc=5.91835, min distance = 1.97014	
AKT2_HUMAN	F1	3547	Fasu	KAPCA_BOVIN	F1	11857236	3E8C	3E88	1Q8W	44.86	Sc=5.9594, min distance = 2.288597	
AKT2_HUMAN	F1	3547	Fasu	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	1Q8W	44.86	Sc=5.98489, min distance = 2.18588	
AKT2_HUMAN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	garr	2V55	106L	2ESM	38.11	Sc=5.96602, min distance = 1.97719
AKT2_HUMAN	F1	445479	C1	CSK2A_MAIZE	F1	33113	garr	1LP4	106L	1F0Q	26.21	Sc=6.27946, min distance = 2.01745
AKT2_HUMAN	F1	448042	2e	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	1Q8T	44.86	Sc=6.01809, min distance = 2.31779	
AKT2_HUMAN	F1	448042	2e	KAPCA_BOVIN	F1	11857236	3E8C	3E88	1Q8T	44.86	Sc=6.04838, min distance = 1.79789	
AKT2_HUMAN	F1	448042	2e	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	1Q8T	44.86	Sc=6.08984, min distance = 1.73334	
AKT2_HUMAN	F1	448043	2g	KAPCA_BOVIN	F1	11857236	3E8C	3E88	1Q8U	44.86	Sc=6.01578, min distance = 2.22207	
AKT2_HUMAN	F1	448043	2g	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	1Q8U	44.86	Sc=6.04484, min distance = 2.25697	
AKT2_HUMAN	F1	448043	2g	ROCK1_HUMAN	F1	33113	garr	2V55	106L	3D9V	38.11	Sc=6.01162, min distance = 2.03706
AKT2_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	11857236	3E8C	3E88	1YDR	44.86	Sc=5.96825, min distance = 2.07944	
AKT2_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	24963049	3E8E	3E8D	1YDR	44.86	Sc=5.98489, min distance = 1.74121	
AKT2_HUMAN	F1	5327109	2	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2C1A	44.86	Sc=6.14477, min distance = 2.04771	
AKT2_HUMAN	F1	5327109	2	KAPCA_BOVIN	F1	11857236	3E8C	3E88	2C1A	44.86	Sc=6.11879, min distance = 2.25263	
AKT2_HUMAN	F1	5327110	1	IPKA_HUMAN	Fu	11175137	2UW7	2UW9	2C1B	44.86	Sc=6.14289, min distance = 2.13737	
AKT2_HUMAN	F1	5327110	1	KAPCA_BOVIN	F1	11175137	2UW7	2UW9	2C1B	44.86	Sc=6.15316, min distance = 2.12215	

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AKT2_HUMAN	Ft	5327121	PIM1_HUMAN	Fu	33113	gar	1XR1	106L	2C3I	30.68	Sc=6.28937, min distance = 2.332188	
AKT2_HUMAN	Ft	5327148	IPKA_RABIT	Fu	33113	gar	1CDK	106L	2ERZ		Sc=6.1787, min distance = 2.1868042	
AKT2_HUMAN	Ft	5957	Ader	KAPCA_BOVIN	Ft	11857236	3E8C	3E88	1Q24	44.86	Sc=5.67974, min distance = 2.109529	
AKT2_HUMAN	Ft	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	106L	1Q97	23.89 0.93	Sc=6.23274, min distance = 1.770677
AKT2_HUMAN	Ft	657001	1s	KAPCA_BOVIN	Ft	11857236	3E8C	3E88	1SVE	44.86	Sc=6.62031, min distance = 1.806410	
AKT2_HUMAN	Ft	657002	1s	KAPCA_BOVIN	Ft	11857236	3E8C	3E88	1SVG	44.86	Sc=6.6209, min distance = 1.9444644	
AKT2_HUMAN	Ft	6852207	M	IPKA_HUMAN	Fu	11175137	2UW7	2UW9	2GNI		Sc=5.92379, min distance = 2.132230	
AKT2_HUMAN	Ft	6914614	p	IPKA_RABIT	Fu	33113	gar	1CDK	106L	2F7Z		Sc=6.5026, min distance = 1.9538254
AKT2_HUMAN	Ft	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	106L	1KJI	0.99	Sc=5.99336, min distance = 2.418637
AK_METJA	Ful	3044933	Z	ENPL_CANFA	Fu	33113	gar	2O1U	3C1M	1U0Y	0.81	Sc=6.42768, min distance = 1.898652
AK_METJA	Ful	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	3C1M	1W9I	0.91	Sc=5.9934, min distance = 2.1303441
AK_METJA	Ful	448968	1u	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2HMF	1UY9		Sc=6.29281, min distance = 2.181254
AK_METJA	Ful	448973	1u	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2HMF	1UYG		Sc=6.31247, min distance = 2.053870
AK_METJA	Ful	448974	1u	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2HMF	1UYH		Sc=6.32785, min distance = 1.976959
AK_METJA	Ful	448976	1u	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2HMF	1UYK		Sc=6.31602, min distance = 2.058706
AK_METJA	Ful	5496922	C	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2HMF	1UY7		Sc=6.28728, min distance = 2.366205
AK_METJA	Ful	5496923	C	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2HMF	1UY8		Sc=6.29353, min distance = 2.186356
AK_METJA	Ful	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	2HMF	1TYQ	0.99	Sc=6.00603, min distance = 2.326704
AK_METJA	Ful	5957	Ader	HSP7F_YEAST	Ft	6022	Aden	3C7N	2HMF	3D2F	0.99	Sc=6.46543, min distance = 1.725954
AK_METJA	Ful	6852187	2	O57883_PYRHO	I	6022	Aden	1WNL	2HMF	2DTH	0.89	Sc=6.17555, min distance = 2.482260
AL1A1_SHEEP	I	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1BXS	2BJA		Sc=6.1964, min distance = 2.1321458
AL7A1_HUMAN	I	446006	CI	O57693_THETE	I	5893	nadi	1UXT	2J6L	1UXU		Sc=5.90133, min distance = 2.021834
ALBU_HUMAN	Ft	10831270		TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	3CN3		Sc=5.75563, min distance = 1.632996
ALBU_HUMAN	Ft	1184681	C	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	3CN4		Sc=6.09755, min distance = 1.554410
ALBU_HUMAN	Ft	119346	3,	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	2GAB		Sc=5.64261, min distance = 2.022117
ALBU_HUMAN	Ft	11957353		HBB_HORSE	Ful	444124	HE	1Y8I	109X	1IWH	0.87	Sc=6.60007, min distance = 1.992159
ALBU_HUMAN	Ft	11957355		CY1_BOVIN	Ful	444098	HE	1L0N	1N5U	1L0L	0.77	Sc=6.69005, min distance = 2.346356
ALBU_HUMAN	Ft	11957360		CY1_BOVIN	Ful	444098	HE	1L0N	1N5U	1NTM		Sc=6.63235, min distance = 2.020330
ALBU_HUMAN	Ft	11957363		HBA_HUMAN	Ful	444124	HE	1NQP	109X	1RQA	0.81	Sc=6.58602, min distance = 2.243542
ALBU_HUMAN	Ft	11957364		HMOX1_HUMAN	Ft	444124	HE	1OZW	109X	1S13	0.86	Sc=6.41642, min distance = 1.990670
ALBU_HUMAN	Ft	11957370		HMOX1_HUMAN	Ft	444124	HE	1OZW	109X	1TWN		Sc=6.35457, min distance = 2.129727
ALBU_HUMAN	Ft	11957371		HMOX1_HUMAN	Ft	444124	HE	1OZW	109X	1TWR		Sc=6.3533, min distance = 2.4316998
ALBU_HUMAN	Ft	11957373		CATE_ECOLI	Fu	444124	HE	1IPH	109X	1P81	0.79	Sc=6.59134, min distance = 2.576936
ALBU_HUMAN	Ft	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1N5U	2CMM		Sc=6.04136, min distance = 2.281489
ALBU_HUMAN	Ft	14368760		LPXC_AQUAE	Fu	11005	Tet	1P42	1N5U	2O3Z		Sc=6.01753, min distance = 0.897186
ALBU_HUMAN	Ft	1493	2,4-	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	2B15		Sc=5.77335, min distance = 2.289979
ALBU_HUMAN	Ft	16741061		MYG_PHYCA	Ful	444098	HE	1A6M	1N5U	1MBC	0.83	Sc=6.69005, min distance = 2.159930

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ALBU_HUMAN	F1	16741062	MYG_PHYCA	Ful	444124	HE	1U7R	109X	1MBN	0.87	Sc=6.60007, min distance = 2.243958
ALBU_HUMAN	F1	177880	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	2G9K		Sc=5.65312, min distance = 2.586031
ALBU_HUMAN	F1	23722944	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	2QGE		Sc=5.88284, min distance = 1.179349
ALBU_HUMAN	F1	23722944	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	2QGE		Sc=5.73074, min distance = 2.361350
ALBU_HUMAN	F1	24893347	CATE_ECOLI	Fu	444124	HE	1IPH	109X	1GGJ		Sc=6.5878, min distance = 2.075466
ALBU_HUMAN	F1	25011739	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	3CN0		Sc=5.73044, min distance = 2.335155
ALBU_HUMAN	F1	3033	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1DVX		Sc=6.15122, min distance = 0.584155
ALBU_HUMAN	F1	3033	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	1DVX		Sc=6.02271, min distance = 2.317508
ALBU_HUMAN	F1	30951	PGH1_SHEEP	Fu	338	salic	1PTH	2I2Z	1HT8		Sc=5.8288, min distance = 2.391532
ALBU_HUMAN	F1	3371	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1BM7		Sc=6.06153, min distance = 1.527805
ALBU_HUMAN	F1	4369477	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	1U21		Sc=6.02677, min distance = 2.900856
ALBU_HUMAN	F1	444207	CP119_SULTO	F1	444124	HE	3B4X	109X	1UE8	0.99	Sc=6.59193, min distance = 2.025582
ALBU_HUMAN	F1	444207	PRXC_CALFU	Fu	444124	HE	2CPO	109X	1CPO	0.99	Sc=6.58061, min distance = 2.604396
ALBU_HUMAN	F1	444522	HBB_PAGBE	Ful	444124	HE	1S5X	109X	1PBX	0.99	Sc=6.59485, min distance = 2.355424
ALBU_HUMAN	F1	444522	MYG_PIG	Full	444124	HE	1MYH	109X	1MNI	0.99	Sc=6.60007, min distance = 2.075954
ALBU_HUMAN	F1	445154	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1DVS		Sc=6.08409, min distance = 1.437178
ALBU_HUMAN	F1	445155	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	1DVZ		Sc=6.0305, min distance = 2.391777
ALBU_HUMAN	F1	445302	PGH1_SHEEP	Fu	39912	ibu	1EQG	2BXG	1EBV		Sc=5.72421, min distance = 2.458807
ALBU_HUMAN	F1	445529	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1F86		Sc=5.74569, min distance = 1.965250
ALBU_HUMAN	F1	445638	NLTP_MAIZE	Fu	11005	Tet	1FK2	1N5U	1FK3	0.75	Sc=6.01162, min distance = 2.529810
ALBU_HUMAN	F1	445638	NLTP_MAIZE	Fu	2969	Deca	1FK0	2VDB	1FK3	0.75	Sc=6.02428, min distance = 1.482258
ALBU_HUMAN	F1	445638	NLTP_MAIZE	Fu	3893	laur	1FK1	1E7G	1FK3	0.75	Sc=5.97603, min distance = 2.062444
ALBU_HUMAN	F1	445641	NLTP_MAIZE	Fu	11005	Tet	1FK2	1N5U	1FK7		Sc=6.21234, min distance = 2.076149
ALBU_HUMAN	F1	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	109X	1I3D	0.89	Sc=6.59898, min distance = 2.314934
ALBU_HUMAN	F1	447739	PA28_DABRR	Fu	3715	indc	2OTH	2BXX	1OXL		Sc=6.13165, min distance = 2.450974
ALBU_HUMAN	F1	448537	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1TT6		Sc=6.08387, min distance = 1.152050
ALBU_HUMAN	F1	448708	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1THC		Sc=6.3774, min distance = 1.715856
ALBU_HUMAN	F1	448734	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1TLM		Sc=6.09464, min distance = 1.549943
ALBU_HUMAN	F1	448734	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	1TLM		Sc=6.0291, min distance = 2.521293
ALBU_HUMAN	F1	5280934	NLTP_MAIZE	Fu	11005	Tet	1FK2	1N5U	1FK6	0.75	Sc=6.07981, min distance = 1.106145
ALBU_HUMAN	F1	5287495	TTHY_HUMAN	Fu	8631	3,5-	3B56	2BXL	2B77		Sc=5.97812, min distance = 2.828630
ALBU_HUMAN	F1	5327160	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	2F8I		Sc=6.08632, min distance = 1.420264
ALBU_HUMAN	F1	6031	LPXC_AQUAE	Fu	11005	Tet	1P42	1N5U	2J65		Sc=6.28874, min distance = 2.045795
ALBU_HUMAN	F1	6420167	CPXA_PSEPU	Fu	444124	HE	1RE9	109X	2FE6	0.89	Sc=6.58236, min distance = 2.209726
ALBU_HUMAN	F1	65552	TTHY_RAT	Full	5819	L-th	1IE4	1HK4	1KGI	0.87	Sc=6.10915, min distance = 0.807404
ALBU_HUMAN	F1	6914652	FHUA_ECOLI	Fu	3893	laur	1QFG	1E7G	2GRX		Sc=5.74996, min distance = 1.037146
ALBU_HUMAN	F1	72099	PGH2_MOUSE	Fu	3715	indc	4COX	2BXX	3PGH		Sc=5.96698, min distance = 1.974800

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ALBU_HUMAN	Ft	72099	fln	TTHY_HUMAN	Fu	3059	dif1	3D2T	2BXE	1DVT	Sc=6.00232, min distance = 1.26749
ALBU_HUMAN	Ft	8209	Myri	ABL1_MOUSE	Fu	11005	Tet	1OPK	1N5U	1OPJ	Sc=5.76567, min distance = 0.95457
ALD2_MOUSE	Ft	157839	Li	ALDR_HUMAN	Fu	1613	Alon	2FZ8	1FRB	1Z3N	Sc=6.20662, min distance = 2.65331
ALD2_MOUSE	Ft	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1FRB	2IZ1	Sc=6.17177, min distance = 2.13251
ALDH1_ELEED	I	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1O9J	2BJA	Sc=6.20512, min distance = 2.27378
ALDH2_BOVIN	I	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1A4Z	2BJA	Sc=6.21483, min distance = 2.46522
ALDH2_HUMAN	I	16214828		CDK2_HUMAN	Fu	6022	Aden	1GY3	1NZX	2UZO	Sc=5.84498, min distance = 2.24030
ALDH2_HUMAN	I	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	1NZX	2R3R	Sc=5.7457, min distance = 2.029377
ALDH2_HUMAN	I	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NZX	1H1S	Sc=6.16893, min distance = 2.30154
ALDH2_HUMAN	I	5288641	i	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NZX	1E9H	Sc=6.05359, min distance = 2.48839
ALDR_HORVU	Ft	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2BGS	2IZ1	Sc=6.19826, min distance = 2.18809
ALDR_HORVU	Ft	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2BGS	1QYW	Sc=6.45812, min distance = 2.04059
ALDR_HUMAN	Ft	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1US0	2IZ1	Sc=6.21836, min distance = 2.09910
ALDR_HUMAN	Ft	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	1US0	1FGH	Sc=5.87949, min distance = 2.22804
ALDR_HUMAN	Ft	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1US0	1YBA	0.76 Sc=5.7414, min distance = 1.463511
ALF1_THETE	Ft	107737	ir	SUHB_ARCFU	Fu	10267	Har	1LBZ	1W8S	1LBX	0.75 Sc=6.09129, min distance = 1.37645
ALF1_THETE	Ft	439427	Rc	CCPA_BACME	Fu	10267	Har	2NZV	1W8S	2NZU	0.87 Sc=5.94815, min distance = 1.93704
ALF_ECOLI	Fu	445225	CI	FUCA_ECOLI	Fu	4797	1tpw	4FUA	1B57	1E47	Sc=5.73213, min distance = 2.09632
ALF_ECOLI	Fu	754	3-Gly	FUCA_ECOLI	Fu	4797	1tpw	4FUA	1B57	1E48	Sc=5.72286, min distance = 2.20622
ALF_HELPY	Fu	439183	1i	TPIS_TRYBB	Fu	4797	1tpw	1TTJ	3C52	1IIH	Sc=5.77693, min distance = 1.98413
ALF_HELPY	Fu	445225	CI	FUCA_ECOLI	Fu	4797	1tpw	4FUA	3C52	1E47	Sc=5.71367, min distance = 1.94317
ALF_HELPY	Fu	754	3-Gly	FUCA_ECOLI	Fu	4797	1tpw	4FUA	3C52	1E48	Sc=5.72075, min distance = 2.03226
ALKB2_HUMAN	I	3080614	C	HIF1N_HUMAN	Ft	51	2-Oxop	1H2L	3BUC	1H2K	Sc=5.66767, min distance = 2.03297
ALKB2_HUMAN	I	3080614	C	JHD3A_HUMAN	Ft	51	2-Oxop	2Q8C	3BUC	2OX0	Sc=5.69658, min distance = 2.22633
ALKB3_HUMAN	I	161166	L	AADAT_HUMAN	Ft	51	2-Oxop	3DC1	2IUW	2R2N	Sc=6.13326, min distance = 1.75872
ALKB3_HUMAN	I	3080614	C	JHD3A_HUMAN	Ft	51	2-Oxop	2Q8C	2IUW	2OX0	Sc=5.64715, min distance = 2.29059
ALKB3_HUMAN	I	33032	L-g	DHE3_BOVIN	Fu	51	2-Oxop	1HWY	2IUW	1HWX	Sc=5.67313, min distance = 2.44926
ALKB3_HUMAN	I	444591	CI	IDH_ECOLI	Fu	51	2-Oxop	1CW4	2IUW	1BL5	Sc=5.65027, min distance = 2.21436
ALKB_ECOLI	Ft	3080614	C	HIF1A_HUMAN	Ft	51	2-Oxop	1H2L	3BKZ	1H2K	Sc=5.70487, min distance = 2.64304
ALKB_ECOLI	Ft	3080614	C	HIF1N_HUMAN	Ft	51	2-Oxop	1H2L	3BKZ	1H2K	Sc=5.70487, min distance = 2.65873
ALKB_ECOLI	Ft	3080614	C	JHD3A_HUMAN	Ft	51	2-Oxop	2Q8C	3BKZ	2OX0	Sc=5.6839, min distance = 2.174963
ALKB_ECOLI	Ft	33032	L-g	DHE3_BOVIN	Fu	51	2-Oxop	1HWY	3BKZ	1HWX	Sc=5.70422, min distance = 2.77054
ALKB_ECOLI	Ft	444591	CI	IDH_ECOLI	Fu	51	2-Oxop	1CW4	3BKZ	1BL5	Sc=5.67557, min distance = 2.42842
ALKH_ECOLI	Ft	12136	Ber	POL_HV1N5	Fu	311	citri	2GON	1FQ0	9HVP	Sc=5.66951, min distance = 0.53876
ALKH_ECOLI	Ft	12793	Ph	SRC_HUMAN	Fu	311	citri	1O4L	1FQ0	1O4O	Sc=5.66817, min distance = 0.90686
ALKH_ECOLI	Ft	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	1FQ0	1ACO	Sc=5.90001, min distance = 1.93583
ALKH_ECOLI	Ft	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	1FQ0	1NIS	Sc=5.86907, min distance = 1.75612

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ALKH_ECOLI	F1	447536	1c	SRC_HUMAN	Fu1	311	citri	104L	1FQ0	104Q			Sc=5.75831, min distance = 0.980787
AMPM1_HUMAN	I	854023	Ep	Q8WSF8_APLCA	I	23831	HEP	2BR7	2G6P	2BYQ			Sc=5.67938, min distance = 2.325296
AMPS2_RANPI	I	447376	2-	ACON_BOVIN	Fu1	311	citri	1C96	2P6Z	1NIS			Sc=5.80152, min distance = 2.184131
AMPS2_RANPI	I	51	2-Oxop	SERA_ECOLI	Fu1	311	citri	2P9E	2P6Z	1YBA	0.76		Sc=5.87183, min distance = 0.953587
AMPX_VIBPR	F1	11987881		AMPL_BOVIN	Fu1	445715	1l	1LCP	3B3C	2J9A			Sc=5.96826, min distance = 2.046329
AMT4_PSEST	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1JDC	1DTU	24.78		Sc=5.80567, min distance = 0.381838
AMT4_PSEST	F1	446564	LI	BACR_HALSA	Fu1	79025	alp	1DZE	1JDC	1JV7			Sc=5.79693, min distance = 0.197820
AMT4_PSEST	F1	446685	Va	CDGT2_BACCI	F1	79025	alp	1D3C	1JDC	1KCK	24.78		Sc=5.95806, min distance = 0.932002
AMT4_PSEST	F1	447600	CI	AMY1_HORVU	Fu1	79025	alp	1RP8	1JDC	1P6W	30.26	0.83	Sc=5.75584, min distance = 1.079829
AMT4_PSEST	F1	447607	1c	PYGM_RABIT	Fu1	79025	alp	1H5U	1JDC	2G9V			Sc=5.69101, min distance = 2.471504
AMT6_BACS7	F1	445237	1,	AMY1_HORVU	Fu1	444440	AC	1RP9	2GJP	1P6W	27.72		Sc=5.62251, min distance = 2.186694
AMTB_ECOLI	F1	155448	B-	GLPG_ECOLI	Fu1	444279	1s	2IRV	3C1H	3B44			Sc=5.76886, min distance = 0.952470
AMTB_ECOLI	F1	4369597	C	MK14_HUMAN	Fu1	62852	B-C	2FST	1U7G	2FSO			Sc=6.1869, min distance = 2.3800178
AMY1_HORVU	F1	193758	Va	CDGT2_BACCI	F1	79025	alp	1D3C	1RP8	1DTU	24.63		Sc=5.88391, min distance = 0.902002
AMY1_HORVU	F1	439692	D-	AMYB_BACCE	Fu1	79025	alp	1VEM	1RP8	1J10			Sc=5.70741, min distance = 1.056669
AMY1_HORVU	F1	444139	CI	AMYP_PIG	Full	79025	alp	1HX0	1RP8	1PIG			Sc=5.65947, min distance = 0.849821
AMY1_HORVU	F1	444139	CI	CDGT1_BACCI	F1	79025	alp	1CGU	1RP8	6CGT	22.83		Sc=5.70271, min distance = 0.663684
AMY1_HORVU	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1RP8	1DTU	24.63		Sc=5.84043, min distance = 0.688886
AMY1_HORVU	F1	444140	CI	CDGT_THETU	Fu1	79025	alp	3BMW	1RP8	1A47			Sc=5.78081, min distance = 1.211639
AMY1_HORVU	F1	446757	CI	IGKC_MOUSE	Fu1	79025	alp	3BZ4	1RP8	1KNO			Sc=5.84879, min distance = 1.793852
AMY1_HORVU	F1	448009	TF	AMY1_HUMAN	Fu1	79025	alp	3DHP	1RP8	1Q4N			Sc=5.72842, min distance = 1.461871
AMY1_HORVU	F1	449571	CI	CDGT1_BACCI	F1	79025	alp	1CGU	1RP8	6CGT	22.83		Sc=5.93933, min distance = 0.485009
AMY1_HORVU	F1	5327083	C	GUN2_THEFU	Fu1	64689	bet	2BOF	1RP9	2BOD			Sc=5.74199, min distance = 0.793406
AMY1_HORVU	F1	82313	1rc	Q9HYN5_PSEAE	I	64689	bet	1W8F	1RP9	1W8H			Sc=5.88163, min distance = 2.138486
AMY1_HORVU	F1	892	myo-i	SFTPD_HUMAN	F1	79025	alp	1PWB	1RP8	2OS9			Sc=5.88942, min distance = 2.174849
AMY1_HUMAN	F1	446685	Va	NEPU1_THEVU	F1	79025	alp	1UH4	3DHP	1UH3			Sc=5.93419, min distance = 1.649194
AMYA1_ASPOR	I	29435	1-I	CDGT_BACS0	Fu1	64689	bet	1UKS	2GVY	1I75	27.74		Sc=5.75727, min distance = 2.117859
AMYA1_ASPOR	I	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2GVY	1UOZ		0.77	Sc=5.61221, min distance = 2.252329
AMYA1_ASPOR	I	447601	CI	GUX6_HUMIN	Fu1	64689	bet	1OCN	2GVY	1OCB			Sc=5.63307, min distance = 2.551957
AMYA1_ASPOR	I	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2GVY	1UP2			Sc=5.68216, min distance = 2.343098
AMYA1_ASPOR	I	6027	xylc	Q8XXK6_RALSO	I	64689	bet	2BS5	2GVY	2BS6		0.93	Sc=5.7838, min distance = 0.5190231
AMYA1_ASPOR	I	82313	1rc	Q9HYN5_PSEAE	I	64689	bet	1W8F	2GVY	1W8H			Sc=5.96856, min distance = 1.473300
AMYB_BACCE	F1	124823	6g	PYGM_RABIT	Fu1	79025	alp	1H5U	1VEM	6GPB		0.78	Sc=6.05563, min distance = 2.145151
AMYB_BACCE	F1	193758	Va	AMY1_HUMAN	Fu1	79025	alp	3DHP	1VEM	1MFU			Sc=5.98061, min distance = 1.021122
AMYB_BACCE	F1	439357	ga	FCN2_HUMAN	Fu1	64960	Pol	2J0Y	1VEN	2J3U		0.89	Sc=5.72108, min distance = 0.970592
AMYB_BACCE	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1VEM	1DTU	37.84		Sc=5.91052, min distance = 0.565179
AMYB_BACCE	F1	444175	CI	HBSAG_HBVD3	F1	6255	malt	1IUD	1B9Z	1A7L		0.94	Sc=6.33071, min distance = 2.244989

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AMYB_BACCE	F1	444175	CI	MALE_ECOLI	Fu:	6255	malt	1IUD	1B9Z	1A7L	0.94	Sc=6.33071, min distance = 2.244985
AMYB_BACCE	F1	444175	CI	MALE_ECOLI	Fu:	64960	Pol	1LAX	1VEN	1A7L		Sc=6.26211, min distance = 2.074151
AMYB_BACCE	F1	444685	2	AMYB_SOYBN	Fu:	79025	alp	1V3H	1VEM	1BYD	0.87	Sc=6.35446, min distance = 2.301827
AMYB_BACCE	F1	444915	GI	CDGT2_BACCI	F1	79025	alp	1D3C	1VEM	1CXL	37.84	0.85 Sc=5.82255, min distance = 0.813567
AMYB_BACCE	F1	446000	CI	AMYP_PIG	Full:	79025	alp	1HX0	1VEM	1JFH	0.83	Sc=5.70362, min distance = 1.912388
AMYB_BACCE	F1	446685	Va	CDGT2_BACCI	F1	79025	alp	1D3C	1VEM	1KCK	37.84	Sc=5.78719, min distance = 1.446831
AMYB_BACCE	F1	447139	CI	MALE_ECOLI	Fu:	6255	malt	1IUD	1B9Z	1MDQ	0.91	Sc=6.28496, min distance = 2.507425
AMYB_BACCE	F1	447607	1c	PYGM_RABIT	Fu:	79025	alp	1H5U	1VEM	2G9V		Sc=5.61263, min distance = 2.725594
AMYB_BACCE	F1	448009	TF	AMY1_HUMAN	Fu:	79025	alp	3DHP	1VEM	1Q4N		Sc=5.72372, min distance = 2.126581
AMYB_BACCE	F1	449554	CI	PYGM_RABIT	Fu:	79025	alp	1H5U	1VEM	5GPB		Sc=6.03367, min distance = 2.057501
AMYB_BACCE	F1	5780	D-Sc	TRFL_BOVIN	Fu:	79025	alp	2DWJ	1VEM	2DXR	0.78	Sc=5.78599, min distance = 2.255722
AMYB_BACCE	F1	6027	xylc	Q9ZB17_9LACT	1	79025	alp	1NSZ	1VEM	1MN0	0.93	Sc=5.61389, min distance = 1.919952
AMYB_BACCE	F1	7048614	Z	XYLA_STRRU	Fu:	79025	alp	1XIF	1VEM	1XID		Sc=5.76203, min distance = 2.223454
AMYB_HORVU	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1B1Y	1DTU		Sc=5.81381, min distance = 0.672486
AMYB_HORVU	F1	444685	2	AMYB_SOYBN	Fu:	79025	alp	1V3H	1B1Y	1BYD	0.87	Sc=6.30448, min distance = 2.325955
AMYB_HORVU	F1	446685	Va	NEPU1_THEVU	F1	79025	alp	1UH4	1B1Y	1UH3		Sc=5.83554, min distance = 2.019629
AMYB_HORVU	F1	448009	TF	AMY1_HUMAN	Fu:	79025	alp	3DHP	1B1Y	1Q4N		Sc=5.64982, min distance = 2.575600
AMYB_HORVU	F1	449571	CI	CDGT1_BACCI	F1	79025	alp	1CGU	1B1Y	6CGT		Sc=5.64122, min distance = 2.226891
AMYG_ASPAW	F1	54445	cas	Q2PS28_9PSED	1	29435	1-D	2PWD	1DOG	2PWG	0.75	Sc=5.92763, min distance = 2.143102
AMYG_ASPAW	F1	64689	bet	Q2PS28_9PSED	1	29435	1-D	2PWD	1DOG	2PWF		Sc=5.87651, min distance = 2.307405
AMYM_BACST	F1	79025	alp	CDGT2_BACCI	F1	439341	ma	1KCL	1QHO	1D3C	45.8	0.87 Sc=5.90855, min distance = 0.772571
AMYP_HUMAN	F1	4369386	Z	AMY1_HUMAN	Fu:	193758	Va	1MFU	1CPU	1Z32		Sc=5.63281, min distance = 0.716037
AMYP_HUMAN	F1	444140	CI	CDGT_THETU	Fu:	193758	Va	3BMW	1CPU	1A47	23.88	Sc=5.68793, min distance = 2.028215
AMYP_HUMAN	F1	446685	Va	CDGT2_BACCI	F1	79025	alp	1D3C	3CPU	1KCK	23.96	Sc=5.93408, min distance = 1.150805
AMYP_HUMAN	F1	448009	TF	AMY1_HUMAN	Fu:	193758	Va	1MFU	1CPU	1Q4N		Sc=5.70416, min distance = 2.694612
AMYP_HUMAN	F1	448009	TF	AMY1_HUMAN	Fu:	444139	CI	3DHP	1CPU	1Q4N		Sc=5.69139, min distance = 2.615994
AMYP_PIG	Ful:	446685	Va	CDGT2_BACCI	F1	193758	Va	1DTU	1PIG	1KCK	27.63	Sc=5.73948, min distance = 2.019190
AMYP_PIG	Ful:	446685	Va	NEPU1_THEVU	F1	79025	alp	1UH4	1HX0	1UH3		Sc=5.73805, min distance = 2.612047
AMYP_PIG	Ful:	448009	TF	AMY1_HUMAN	Fu:	193758	Va	1MFU	1PIG	1Q4N		Sc=5.67106, min distance = 2.803316
AMYP_PIG	Ful:	448009	TF	AMY1_HUMAN	Fu:	444139	CI	3DHP	1PIG	1Q4N		Sc=5.67355, min distance = 2.883314
AMYP_PIG	Ful:	448009	TF	AMY1_HUMAN	Fu:	79025	alp	3DHP	1HX0	1Q4N		Sc=5.70416, min distance = 2.740016
AMYS_NEIPO	F1	125409	be	XYNA1_CLOSR	F1	64689	bet	1OD3	1JG9	1UY4	0.93	Sc=5.84717, min distance = 1.063435
AMYS_NEIPO	F1	16058615		LYSC_CHICK	Fu:	5988	sucr	1JJ0	1JGI	2H9J		Sc=5.7192, min distance = 2.6540525
AMYS_NEIPO	F1	164795	N	RBCMT_PEA	Ful:	23831	HEF	1MLV	1G5A	2H2J		Sc=5.6862, min distance = 2.3804476
AMYS_NEIPO	F1	24139	ace	LYSC_CHICK	Fu:	5988	sucr	1JJ0	1JGI	1LZB		Sc=5.97562, min distance = 2.099932
AMYS_NEIPO	F1	29435	1-D	Q2PS28_9PSED	1	64689	bet	2PWF	1JG9	2PWD	30.77	Sc=5.90153, min distance = 1.580335
AMYS_NEIPO	F1	378	4-nit	PPAL_YEAST	Fu:	23831	HEF	1D1P	1G5A	1D1Q		Sc=5.83805, min distance = 1.919401

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AMYS_NEIPO	F1	440115	N	SFTPD_HUMAN	F1	79025	alp	1PWB	1MVY	2ORJ			Sc=5.87394, min distance = 2.770960
AMYS_NEIPO	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1MVY	1DTU	32.26		Sc=5.82491, min distance = 0.332770
AMYS_NEIPO	F1	444915	GI	CDGT2_BACCI	F1	79025	alp	1D3C	1MVY	1CXL	32.26	0.85	Sc=5.78587, min distance = 1.226050
AMYS_NEIPO	F1	445238	O1	GUN2_THEFU	Fu:	64689	bet	2BOF	1JG9	2BOG		0.94	Sc=5.88632, min distance = 2.313520
AMYS_NEIPO	F1	445318	n	ECOT_ECOLI	Fu:	79025	alp	1ECY	1MVY	1ECZ		0.85	Sc=6.27546, min distance = 0.670140
AMYS_NEIPO	F1	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	1JG9	1UOZ		0.77	Sc=5.67342, min distance = 2.045300
AMYS_NEIPO	F1	447026	NA	LYSC_CHICK	Fu:	5988	sucr	1JJ0	1JGI	1LZG			Sc=5.98285, min distance = 2.014750
AMYS_NEIPO	F1	447600	CI	AMY1_HORVU	Fu:	79025	alp	1RP8	1MVY	1P6W		0.83	Sc=5.62916, min distance = 1.236010
AMYS_NEIPO	F1	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	1JG9	1UP2			Sc=5.93486, min distance = 1.022690
AMYS_NEIPO	F1	54445	cas	Q2PS28_9PSED	I	64689	bet	2PWF	1JG9	2PWG	30.77		Sc=6.09467, min distance = 0.786150
AMYS_NEIPO	F1	6027	xyld	O93715_SULSO	I	64689	bet	2CDB	1JG9	2CDC		0.93	Sc=5.63483, min distance = 2.369590
AMYS_NEIPO	F1	6027	xyld	Q8XXK6_RALSO	I	64689	bet	2BS5	1JG9	2BS6		0.93	Sc=5.66739, min distance = 2.431600
AMYS_NEIPO	F1	6102767	C	Q9RX51_DEIRA	I	64689	bet	2BY0	1JG9	2BY3	29.49		Sc=5.8976, min distance = 2.4309100
AMYS_NEIPO	F1	62551	Per	Q8WSF8_APLCA	I	23831	HEF	2BR7	1G5A	2BYN			Sc=5.68142, min distance = 2.420360
AMYS_NEIPO	F1	656981	CU	LYSC_CHICK	Fu:	5988	sucr	1JJ0	1JGI	1YIL			Sc=5.86611, min distance = 2.556720
AMY_BACAM	Fu:	444440	AC	AMY1_HORVU	Fu:	79025	alp	1RP8	1E3Z	1RP9			Sc=5.8924, min distance = 2.4906210
AMY_BACAM	Fu:	444915	GI	CDGT2_BACCI	F1	79025	alp	1D3C	1E3Z	1CXL		0.85	Sc=5.80266, min distance = 1.127950
AMY_BACAM	Fu:	445237	1,	AMY1_HORVU	Fu:	79025	alp	1RP8	1E3Z	1P6W		0.77	Sc=5.95114, min distance = 0.778970
AMY_BACAM	Fu:	446685	Va	CDGT2_BACCI	F1	79025	alp	1D3C	1E3Z	1KCK			Sc=5.86523, min distance = 0.847490
AMY_BACAM	Fu:	446685	Va	NEPU1_THEVU	F1	79025	alp	1UH4	1E3Z	1UH3			Sc=5.89118, min distance = 1.018600
AMY_BACLI	Fu:	444915	GI	CDGT2_BACCI	F1	79025	alp	1D3C	1E3Z	1CXL		0.85	Sc=5.80266, min distance = 1.127950
AMY_BACLI	Fu:	446685	Va	CDGT2_BACCI	F1	79025	alp	1D3C	1E3Z	1KCK			Sc=5.86523, min distance = 0.847490
AMY_BACLI	Fu:	446685	Va	NEPU1_THEVU	F1	79025	alp	1UH4	1E3Z	1UH3			Sc=5.89118, min distance = 1.018600
AMY_BACSU	Fu:	444140	CI	CDGT_THETU	Fu:	193758	Va	3BMW	1UA7	1A47			Sc=5.70907, min distance = 2.489650
AMY_BACSU	Fu:	444140	CI	CDGT_THETU	Fu:	79025	alp	3BMW	1UA7	1A47			Sc=5.6049, min distance = 2.3113280
AMY_BACSU	Fu:	445237	1,	AMY1_HORVU	Fu:	79025	alp	1RP8	1UA7	1P6W		0.77	Sc=5.91072, min distance = 0.968790
AMY_BACSU	Fu:	446685	Va	CDGT2_BACCI	F1	193758	Va	1DTU	1UA7	1KCK			Sc=5.77061, min distance = 2.690990
AMY_PSEHA	Fu:	125409	be	AMYB_BACCE	Fu:	79025	alp	1VEM	1G94	1J10		0.93	Sc=5.74014, min distance = 1.043820
AMY_PSEHA	Fu:	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1G94	1DTU	23.24		Sc=5.82415, min distance = 0.843010
AMY_PSEHA	Fu:	445237	1,	AMY1_HORVU	Fu:	444440	AC	1RP9	1G94	1P6W			Sc=5.64084, min distance = 2.303470
AMY_PSEHA	Fu:	448009	TF	AMY1_HUMAN	Fu:	79025	alp	3DHP	1G94	1Q4N			Sc=5.70162, min distance = 2.685380
ANDR_HUMAN	F1	1184681	C	TTHY_HUMAN	Fu:	3371	fluf	1BM7	2PIX	3CN4			Sc=5.97472, min distance = 1.177600
ANDR_HUMAN	F1	11987726		SHBG_HUMAN	Fu:	10635	And	1D2S	1T65	1LHV			Sc=6.09276, min distance = 2.450510
ANDR_HUMAN	F1	11987785		PRGR_HUMAN	Fu:	261000	Me	1E3K	1XOW	1SQN	55.69	0.91	Sc=6.11254, min distance = 2.070790
ANDR_HUMAN	F1	242332	3k	SHBG_HUMAN	Fu:	10635	And	1D2S	1T65	1LHO		0.85	Sc=5.99752, min distance = 2.575560
ANDR_HUMAN	F1	4369524	T	PRGR_HUMAN	Fu:	261000	Me	1E3K	1XOW	1ZUC	55.69		Sc=6.02822, min distance = 1.895530
ANDR_HUMAN	F1	446934	CH	SHBG_HUMAN	Fu:	10635	And	1D2S	1T65	1LHN		0.85	Sc=5.99889, min distance = 3.047240

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ANDR_HUMAN	F1	5757	estr	SHBG_HUMAN	Fu	10635	And	1D2S	1T65	1LHU			Sc=5.95698, min distance = 2.262874
ANDR_HUMAN	F1	5994	prod	PRGR_HUMAN	Fu	261000	Me	1E3K	1XOW	1A28	55.69		Sc=6.13651, min distance = 1.778606
ANDR_MOUSE	F1	11560224		ANDR_HUMAN	Fu	10635	And	1T65	2QPY	2HVC			Sc=6.02133, min distance = 2.094471
ANDR_MOUSE	F1	11987726		SHBG_HUMAN	Fu	10635	And	1D2S	2QPY	1LHV			Sc=6.10344, min distance = 2.495371
ANDR_MOUSE	F1	242332	3k	SHBG_HUMAN	Fu	10635	And	1D2S	2QPY	1LHO	0.85		Sc=6.00178, min distance = 3.030351
ANDR_MOUSE	F1	261000	Me	ANDR_HUMAN	Fu	10635	And	1T65	2QPY	1XOW			Sc=6.02661, min distance = 2.754088
ANDR_MOUSE	F1	446188	CI	ANDR_HUMAN	Fu	10635	And	1T65	2QPY	2AM9			Sc=5.99752, min distance = 2.753242
ANDR_MOUSE	F1	446934	CH	SHBG_HUMAN	Fu	10635	And	1D2S	2QPY	1LHN	0.85		Sc=5.99573, min distance = 2.911621
ANDR_MOUSE	F1	5757	estr	SHBG_HUMAN	Fu	10635	And	1D2S	2QPY	1LHU			Sc=5.95869, min distance = 2.575611
ANDR_MOUSE	F1	66414	Par	SHBG_HUMAN	Fu	10635	And	1D2S	2QPY	1LHW			Sc=6.02051, min distance = 2.597421
ANDR_MOUSE	F1	9880	Andr	ANDR_HUMAN	Fu	10635	And	1T65	2QPY	2OZ7			Sc=6.31924, min distance = 2.135768
ANDR_PANTR	F1	11560224		ANDR_HUMAN	Fu	10635	And	1T65	1T7R	2HVC			Sc=6.04164, min distance = 2.425816
ANDR_PANTR	F1	11987726		SHBG_HUMAN	Fu	10635	And	1D2S	1T7R	1LHV			Sc=6.11167, min distance = 2.389141
ANDR_PANTR	F1	242332	3k	SHBG_HUMAN	Fu	10635	And	1D2S	1T7R	1LHO	0.85		Sc=6.02661, min distance = 2.516689
ANDR_PANTR	F1	261000	Me	ANDR_HUMAN	Fu	10635	And	1T65	1T7R	1XOW			Sc=6.04229, min distance = 2.646768
ANDR_PANTR	F1	31378	flu	ANDR_HUMAN	Fu	10635	And	1T65	1T7R	1GS4			Sc=6.45185, min distance = 2.325609
ANDR_PANTR	F1	3371	fluf	ANDR_HUMAN	Fu	10635	And	1T65	1T7R	2PIX			Sc=6.04312, min distance = 2.220661
ANDR_PANTR	F1	446188	CI	ANDR_HUMAN	Fu	10635	And	1T65	1T7R	2AM9			Sc=6.01791, min distance = 2.641171
ANDR_PANTR	F1	446934	CH	SHBG_HUMAN	Fu	10635	And	1D2S	1T7R	1LHN	0.85		Sc=6.03047, min distance = 3.011604
ANDR_PANTR	F1	5757	estr	SHBG_HUMAN	Fu	10635	And	1D2S	1T7R	1LHU			Sc=5.97902, min distance = 2.189231
ANDR_PANTR	F1	66414	Par	SHBG_HUMAN	Fu	10635	And	1D2S	1T7R	1LHW			Sc=6.0343, min distance = 2.279204
ANM1_RAT	Ful	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1OR8	1Z3C	0.91		Sc=6.49843, min distance = 2.066871
ANM1_RAT	Ful	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1OR8	1JQE	0.95		Sc=6.46311, min distance = 2.537821
ANM1_RAT	Ful	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1OR8	1JG2	0.84		Sc=6.19103, min distance = 2.640762
ANM3_HUMAN	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2FYT	1Z3C	0.91		Sc=6.56303, min distance = 2.475909
ANM3_HUMAN	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2FYT	1JQE	0.95		Sc=6.51919, min distance = 2.801304
ANM3_HUMAN	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2FYT	1JG2	0.84		Sc=6.30224, min distance = 2.655601
ANM3_HUMAN	F1	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	2FYT	1QAQ	0.88		Sc=6.57185, min distance = 2.111551
ANM3_HUMAN	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2FYT	2HV9	0.88		Sc=6.10353, min distance = 2.409042
ANM3_RAT	Ful	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1F3L	1JQE	0.95		Sc=6.50668, min distance = 2.582531
ANM3_RAT	Ful	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1F3L	1JG2	0.84		Sc=6.30021, min distance = 2.734071
ANM3_RAT	Ful	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	1F3L	2HV9	0.88		Sc=6.09493, min distance = 2.448009
ANT3_HUMAN	F1	5354052	g	MIF_HUMAN	Ful	311	citri	1GD0	2ZNH	2OZ			Sc=5.64244, min distance = 0.450301
ANT3_HUMAN	F1	6102777	2	AROQ_HELPY	Fu	311	citri	2C4V	2ZNH	2C4W			Sc=5.91836, min distance = 2.053158
AOFA_RAT	Ful	5280953	H	AOFA_HUMAN	Fu	5326701	C	2BXR	1O5W	2Z5Y			Sc=5.89529, min distance = 2.128699
AOFB_HUMAN	F1	1150	tryg	AAUB_ALCFA	Fu	29147	4-N	2HJ4	2C70	2AGY			Sc=5.76911, min distance = 2.580751
AOFB_HUMAN	F1	11963950		FMS1_YEAST	Fu	444188	CI	1RSG	2V5Z	3BI4	45.83	0.99	Sc=6.89573, min distance = 1.808122

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AOFB_HUMAN	F1	241868	4-	AAUA_ALCFA	Fu	29147	4-N	2HJ4	2C70	2HKR			Sc=5.70006, min distance = 1.92236
AOFB_HUMAN	F1	241868	4-	AAUB_ALCFA	Fu	29147	4-N	2HJ4	2C70	2HKR			Sc=5.71163, min distance = 1.85504
AOSL_PLEHO	F1	11957353		HBB_HORSE	Ful	444098	HE	2D5X	1U5U	1IWH	0.83		Sc=6.80259, min distance = 2.09602
AOSL_PLEHO	F1	11957355		CY1_BOVIN	Ful	444098	HE	1L0N	1U5U	1L0L	0.77		Sc=6.81003, min distance = 2.05942
AOSL_PLEHO	F1	11957360		CY1_BOVIN	Ful	444098	HE	1L0N	1U5U	1NTM			Sc=6.80697, min distance = 2.19187
AOSL_PLEHO	F1	11957361		CY1_BOVIN	Ful	444098	HE	1L0N	1U5U	1NTZ	0.8		Sc=6.80855, min distance = 2.03115
AOSL_PLEHO	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1U5U	2CMM			Sc=6.31032, min distance = 2.16477
AOXB_ALCFA	F1	5326487	d	FDHF_ECOLI	Fu	4369050	F	2IV2	1G8J	1FDO	20.79	0.98	Sc=6.81521, min distance = 2.19012
AP4A_CAEEL	F1	449190	1x	PDE4B_HUMAN	F1	6083	aden	1ROR	1KTG	1XM6			Sc=5.94217, min distance = 2.27648
AP4A_CAEEL	F1	449193	Rd	PDE4B_HUMAN	F1	6083	aden	1ROR	1KTG	1XMU			Sc=6.05711, min distance = 1.89075
AP4A_CAEEL	F1	449193	Rd	PDE4D_HUMAN	F1	6083	aden	1TB7	1KTG	1XOQ			Sc=6.07953, min distance = 1.84569
AP4A_CAEEL	F1	6022	Ader	PURP_METJA	Fu	6083	aden	2R7M	1KTG	2R7N	0.99		Sc=5.89012, min distance = 2.36998
AP4A_CAEEL	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	1KTG	2OUR	0.99		Sc=6.16543, min distance = 2.35086
AP4A_CAEEL	F1	656966	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	1KTG	1Y2E			Sc=6.04966, min distance = 1.79520
AP4A_CAEEL	F1	656968	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	1KTG	1Y2H			Sc=5.94712, min distance = 2.03668
APAF_HUMAN	F1	188966	dZ	PAPS1_HUMAN	F1	6022	Aden	1X6V	1Z6T	2PEZ	0.98		Sc=5.93617, min distance = 2.36860
APAF_HUMAN	F1	444564	Ad	BIOD_ECOLI	Fu	6022	Aden	1DAD	1Z6T	1BS1	0.91		Sc=5.70698, min distance = 2.53320
APAF_HUMAN	F1	444564	Ad	MYS2_DICDI	Fu	6022	Aden	1VOM	1Z6T	1W9I	0.91		Sc=5.97862, min distance = 2.14128
APAF_HUMAN	F1	4565	1h1y	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Z6T	1H1R			Sc=6.40101, min distance = 1.42188
APAF_HUMAN	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1Z6T	1A82	0.99		Sc=5.77525, min distance = 2.64255
APAF_HUMAN	F1	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	1Z6T	1Q12	0.99		Sc=6.52683, min distance = 0.59741
APAF_HUMAN	F1	5957	Ader	NIFH1_AZOVI	F1	6022	Aden	1FP6	1Z6T	2C8V	0.99		Sc=6.06813, min distance = 1.74678
APAF_HUMAN	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1Z6T	3C4W	0.99		Sc=6.04171, min distance = 2.07033
APAF_HUMAN	F1	6031	Uric	ECX1_PYRAB	Fu	6022	Aden	2PO0	1Z6T	2PNZ			Sc=5.85201, min distance = 2.39027
APAF_HUMAN	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1Z6T	1DAG	0.99		Sc=5.78966, min distance = 2.38379
APAF_HUMAN	F1	91532	AME	KIF1A_MOUSE	F1	6022	Aden	1I5S	1Z6T	1I6I	0.99		Sc=6.52788, min distance = 2.39723
APAF_HUMAN	F1	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	1Z6T	2PUL	0.99		Sc=6.07666, min distance = 1.98250
APAF_HUMAN	F1	91532	AME	NIFH1_AZOVI	F1	6022	Aden	1FP6	1Z6T	2AFK	0.99		Sc=6.09252, min distance = 2.17854
APEH_AERPE	F1	134497	4-	APX_STRGR	Ful	6140	L-ph	1F2P	2HU5	1TF9	0.97		Sc=5.83362, min distance = 2.03099
APEH_AERPE	F1	71083	D-H	CAH2_HUMAN	Fu	6140	L-ph	2FMG	2HU5	2EZ7			Sc=5.71587, min distance = 2.57808
APHA_ECOLI	F1	24066	zal	DNK_DROME	Ful	13711	dec	2VP5	1RMY	2VP9	0.96		Sc=5.98325, min distance = 0.91005
APHA_ECOLI	F1	24250	Oct	FMS1_YEAST	Fu	1103	sper	1XPQ	2B8J	3BI5			Sc=5.66303, min distance = 2.42571
APHA_ECOLI	F1	514815	BE	DNK_DROME	Ful	13711	dec	2VP5	1RMY	2VQS			Sc=6.22168, min distance = 1.13563
APHA_ECOLI	F1	5790	flox	DNK_DROME	Ful	13711	dec	2VP5	1RMY	2VP6	0.75		Sc=6.07699, min distance = 3.19246
APHA_ECOLI	F1	916	N1-ac	FMS1_YEAST	Fu	1103	sper	1XPQ	2B8J	3CND	0.76		Sc=6.20372, min distance = 2.05986
APHA_SALTY	F1	24316	cyc	CNGK1_RHILO	F1	6076	Cycl	1VP6	1Z5U	3CL1	0.81		Sc=6.26828, min distance = 2.80104
APHA_SALTY	F1	656966	1y	PDE4D_HUMAN	F1	6076	Cycl	2PW3	1Z5U	1Y2E			Sc=6.07283, min distance = 2.60945

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APHA_SALTY Fu: 656969 1y	PDE4D_HUMAN Fu: 6076 Cycl 2PW3	1Z5U	1Y2K		Sc=6.19033, min distance = 2.133105
APOD_HUMAN Fu: 10472685	MCR_HUMAN Ful: 5994 prog 2AA6	2HZQ	2A3I	0.77	Sc=6.25158, min distance = 2.570067
APOD_HUMAN Fu: 11987810	MCR_HUMAN Ful: 5994 prog 2AA6	2HZQ	2AA2		Sc=6.27771, min distance = 2.479085
APOD_HUMAN Fu: 13472 Bol	P71278_ENTCL 1 5994 prog 2ABA	2HZQ	1H62	0.96	Sc=5.87063, min distance = 2.881254
APOD_HUMAN Fu: 4369524 T	PRGR_HUMAN Fu: 5994 prog 1A28	2HZQ	1ZUC		Sc=5.88123, min distance = 2.573464
APOD_HUMAN Fu: 445033 CI	P71278_ENTCL 1 5994 prog 2ABA	2HZQ	1H60	0.8	Sc=5.99995, min distance = 2.711815
APOD_HUMAN Fu: 5865 prec	MCR_HUMAN Ful: 5994 prog 2AA6	2HZQ	2AAX	0.76	Sc=6.35157, min distance = 2.615532
APT_HUMAN Fu: 2519 caff	PYGM_RABIT Fu: 6083 aden 8GPB	1ZN8	1GFZ		Sc=5.81757, min distance = 1.977141
APT_HUMAN Fu: 6030 Urid	ECX1_SULSO Fu: 6083 aden 2C38	1ZN8	2C37		Sc=6.23391, min distance = 2.295130
APT_HUMAN Fu: 611002 Op	PIM1_HUMAN Fu: 6083 aden 1YXU	1ZN8	1YXX		Sc=6.11595, min distance = 1.430557
APT_HUMAN Fu: 65110 AIC	AAKG1_HUMAN Fu: 6083 aden 2UV4	1ZN8	2UV5	0.79	Sc=6.27197, min distance = 2.397976
APT_HUMAN Fu: 65533 cor	O57693_THETE 1 6083 aden 1UXU	1ZN8	1UXT		Sc=5.95532, min distance = 2.338494
APT_HUMAN Fu: 656965 1y	PDE4D_HUMAN Fu: 6083 aden 1TB7	1ZN8	1Y2D		Sc=6.03667, min distance = 1.451185
APT_HUMAN Fu: 656968 1y	PDE4B_HUMAN Fu: 6083 aden 1ROR	1ZN8	1Y2H		Sc=5.95231, min distance = 2.004947
APT_HUMAN Fu: 657135 Op	PIM1_HUMAN Fu: 6083 aden 1YXU	1ZN8	1YXV		Sc=5.84904, min distance = 1.801158
APT_HUMAN Fu: 8582 Inos	PURA1_MOUSE Fu: 6083 aden 1MF0	1ZN8	1IWE	0.79	Sc=6.40468, min distance = 1.255156
APX1_PEA Ful: 11957353	HBA_HORSE Ful: 444124 HE 1Y8I	1APX	1IWH	0.87	Sc=6.70151, min distance = 2.156795
APX1_PEA Ful: 11957363	HBA_HUMAN Ful: 444124 HE 1NQP	1APX	1RQA	0.81	Sc=6.71797, min distance = 2.277746
APX1_PEA Ful: 11957370	HMOX1_HUMAN Fu: 444124 HE 1OZW	1APX	1TWN		Sc=6.51494, min distance = 1.987905
APX1_PEA Ful: 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1APX	2CMM		Sc=5.94417, min distance = 2.320115
APX1_PEA Ful: 444207 He	HBB_HORSE Ful: 444124 HE 1Y8I	1APX	2ZLW	0.99	Sc=6.75363, min distance = 1.668095
APX1_PEA Ful: 444522 HE	HBB_PAGBE Ful: 444124 HE 1S5X	1APX	1PBX	0.99	Sc=6.71699, min distance = 1.994978
APX1_PEA Ful: 446189 CI	HBG1_HUMAN Fu: 444124 HE 1I3E	1APX	1I3D	0.89	Sc=6.70516, min distance = 1.116912
APX_STRGR Fu: 5962 L-ly	THER_BACTH Fu: 6140 L-ph 1OS0	1F2P	1KEI		Sc=5.69804, min distance = 2.069485
AQPZ_ECOLI Fu: 444279 1s	OPSD_BOVIN Fu: 445463 B- 3CAP	1RC2	1GZM		Sc=5.70849, min distance = 2.073517
ARAC_ECOLI Fu: 323 couma	TRFL_BOVIN Fu: 439731 al 2E1S	2ARC	3CRB		Sc=5.67732, min distance = 2.063645
ARAF_ECOLI Fu: 15942683	FCN3_HUMAN Fu: 439353 be 2J5Z	8ABP	2J60	0.77	Sc=5.62651, min distance = 2.136421
ARC3_CBDP Fu: 164628 de	PMS2_HUMAN Fu: 6022 Aden 1EA6	1GZF	1H7U		Sc=6.06264, min distance = 1.692605
ARC3_CBDP Fu: 24832037	PGK1_HUMAN Fu: 6022 Aden 2ZGV	1GZF	3C3C		Sc=6.30864, min distance = 1.703371
ARC3_CBDP Fu: 36735 Gpp	PARM_ECOLX Fu: 6022 Aden 1MWM	1GZF	2ZGZ	0.79	Sc=6.05757, min distance = 2.398708
ARC3_CBDP Fu: 444503 FU	NDKC_DICDI Fu: 6022 Aden 1KDN	1GZF	1B99		Sc=5.86071, min distance = 2.261703
ARC3_CBDP Fu: 5957 Ader	HSP7F_YEAST Fu: 6022 Aden 3C7N	1GZF	3D2F	0.99	Sc=5.7046, min distance = 2.514819
ARC3_CBDP Fu: 5957 Ader	RK_BOVIN Full: 6022 Aden 3C4Z	1GZF	3C4W	0.99	Sc=6.03431, min distance = 1.335504
ARC3_CBDP Fu: 5957 Ader	Y059_METJA Fu: 6022 Aden 2J9D	1GZF	2J9C	0.99	Sc=6.44195, min distance = 1.890083
ARC3_CBDP Fu: 6083 ader	PURP_METJA Fu: 6022 Aden 2R7N	1GZF	2R7M	0.99	Sc=5.80799, min distance = 2.320224
ARC3_CBDP Fu: 60961 ade	IPKA_RABIT Fu: 6022 Aden 1JBP	1GZF	1FMO	0.95	Sc=5.85143, min distance = 2.255721
ARC3_CBDP Fu: 6132 Cyt	RIR1_YEAST Fu: 6022 Aden 2CVX	1GZF	2CVU		Sc=6.29835, min distance = 2.003042

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ARC3_CBDP	Fu: 6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1GZF	2DTH	0.89	Sc=6.13705, min distance = 1.97987
ARC3_CBDP	Fu: 91532	AME	PURT_ECOLI	Fu: 6022	Aden	1KJQ	1GZF	1KJI		0.99	Sc=5.7777, min distance = 2.334992
ARCA_PSEAE	F1 123895	1H	NOS3_BOVIN	Fu: 6322	L-ar	4NSE	2A9G	5NSE		0.96	Sc=6.03636, min distance = 2.06028
ARCA_PSEAE	F1 123895	1H	NOSO_BACSU	Fu: 6322	L-ar	2FC1	2A9G	2FBZ		0.96	Sc=6.04111, min distance = 2.19477
ARCA_PSEAE	F1 126494	N	NOS1_RAT	Full: 6322	L-ar	1OM4	2A9G	1K2S		0.76	Sc=6.21502, min distance = 1.61946
ARCA_PSEAE	F1 440005	L	NOS1_RAT	Full: 6322	L-ar	1OM4	2A9G	1K2R		0.84	Sc=6.12461, min distance = 1.98618
ARCA_PSEAE	F1 444288	CI	KARG_LIMPO	Fu: 6322	L-ar	1M15	2A9G	1P52			Sc=5.87034, min distance = 2.12619
ARCA_PSEAE	F1 447180	Tc	NOS1_RAT	Full: 6322	L-ar	1OM4	2A9G	1MMV		0.83	Sc=6.21268, min distance = 1.77162
ARCA_PSEAE	F1 447181	VI	NOS1_RAT	Full: 6322	L-ar	1OM4	2A9G	1MMW		0.78	Sc=6.13625, min distance = 1.24122
ARCA_PSEAE	F1 5962	L-ly	ARGT_SALTY	Fu: 6322	L-ar	1LAF	2A9G	1LST		0.79	Sc=5.76391, min distance = 2.56042
ARCA_PSEAE	F1 6274	hist	ARGT_SALTY	Fu: 6322	L-ar	1LAF	2A9G	1LAG			Sc=5.85925, min distance = 2.43955
ARCA_PSEAE	F1 9085	homc	NOS3_BOVIN	Fu: 6322	L-ar	4NSE	2A9G	1DM7		0.9	Sc=6.03492, min distance = 2.05164
ARCA_PSEAE	F1 9547942	C	NOS3_BOVIN	Fu: 6322	L-ar	4NSE	2A9G	2G60		0.84	Sc=5.95799, min distance = 2.14978
ARF1_HUMAN	F1 51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	1RE0	1YBA		0.76	Sc=5.71862, min distance = 2.41383
ARF1_MOUSE	F1 445871	CI	RASH_HUMAN	Fu: 6830	guan	2CL7	1O3Y	1GNP			Sc=5.67283, min distance = 2.22367
ARF1_MOUSE	F1 8582	Inos	PUR1_MOUSE	F1 6830	guan	1LOO	1O3Y	1IWE		0.98	Sc=6.34047, min distance = 2.52514
ARF2_MOUSE	F1 445871	CI	RASH_HUMAN	Fu: 6830	guan	2CL7	1J2J	1GNP			Sc=5.64628, min distance = 2.19002
ARF6_HUMAN	F1 445871	CI	RASH_HUMAN	Fu: 6830	guan	2CL7	2A5D	1GNP			Sc=5.74797, min distance = 2.22475
ARGB_ECOLI	F1 36735	Gpp	PARM_ECOLX	Fu: 6022	Aden	1MWM	1OHA	2ZGZ		0.79	Sc=6.47174, min distance = 1.67308
ARGB_ECOLI	F1 447955	1p	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1OHA	1PXI			Sc=5.70913, min distance = 2.28809
ARGB_ECOLI	F1 5957	Ader	ACTS_RABIT	Fu: 6022	Aden	1J6Z	1OHA	2FXU		0.99	Sc=5.94833, min distance = 2.14788
ARGB_ECOLI	F1 5957	Ader	MUTS_ECOLI	Fu: 6022	Aden	1OH7	1OHA	1W7A		0.99	Sc=5.925, min distance = 2.2264125
ARGB_ECOLI	F1 6083	ader	ENTP2_RAT	Full: 33113	gar	3CJA	1GS5	3CJ7		0.97	Sc=5.64792, min distance = 2.44172
ARGB_ECOLI	F1 8977	1dar	NDK_THET8	Full: 6022	Aden	1WKL	1OHA	1WKK		0.8	Sc=5.97528, min distance = 2.03202
ARGB_ECOLI	F1 8977	1dar	PARM_ECOLX	Fu: 6022	Aden	1MWM	1OHA	2ZGY		0.8	Sc=6.43762, min distance = 1.62054
ARGB_PSEAE	F1 2608	1jsv	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BUF	1JSV			Sc=5.88645, min distance = 1.85733
ARGB_PSEAE	F1 3044933	A	ENPL_CANFA	Fu: 6022	Aden	1TC6	2BUF	1U0Y		0.81	Sc=6.30312, min distance = 2.21287
ARGB_PSEAE	F1 4564	1e1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BUF	1E1V			Sc=6.08253, min distance = 1.94945
ARGB_PSEAE	F1 5957	Ader	BIOD_ECOLI	Fu: 6022	Aden	1DAD	2BUF	1A82		0.99	Sc=6.3595, min distance = 0.884065
ARGB_PSEAE	F1 5957	Ader	MALK_ECOLI	Fu: 6022	Aden	2AWN	2BUF	1Q12		0.99	Sc=6.45321, min distance = 1.17645
ARGB_PSEAE	F1 5957	Ader	MUTS_ECOLI	Fu: 6022	Aden	1OH7	2BUF	1W7A		0.99	Sc=5.89274, min distance = 2.08893
ARGB_PSEAE	F1 5957	Ader	RK_BOVIN	Full: 6022	Aden	3C4Z	2BUF	3C4W		0.99	Sc=6.41126, min distance = 1.30148
ARGC_MYCTU	F1 15942680		6PGD_LACLM	Fu: 5886	NADF	2IZ0	2I3G	2IZ1			Sc=6.13826, min distance = 2.00504
ARGC_MYCTU	F1 16741136		DYR_ECOLI	Full: 5886	NADF	1RA2	2I3G	1RX9		1	Sc=5.941, min distance = 1.8238303
ARGC_MYCTU	F1 440141	9i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	2I3G	1QYW			Sc=5.90579, min distance = 2.34184
ARGD_THEMA	F1 447173	AC	BIOA_ECOLI	Fu: 1051	Code	1S07	2ORD	1MLY			Sc=5.82113, min distance = 2.46110
ARGD_THET8	F1 11987749		AATM_CHICK	Fu: 444293	PI	1AKC	1WKH	1OXO			Sc=6.29769, min distance = 2.07877

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ARGD_THET8	F1	3744	Indd	AAT_ECOLI	Ful	444293	PI	1X28	1WKH	1AHF			Sc=5.85285, min distance = 2.377516
ARGI1_RAT	Fu	107984	L	NOS3_BOVIN	Fu	123895	1h	5NSE	1HQF	1ED6	0.88		Sc=5.9312, min distance = 2.2010365
ARGI1_RAT	Fu	11149707		NOS2_HUMAN	Fu	6322	L-ar	1NSI	1T5G	3E7G			Sc=6.02751, min distance = 2.104890
ARGI1_RAT	Fu	126494	N	NOS1_RAT	Full	123895	1h	1LZX	1HQF	1K2S			Sc=6.18187, min distance = 2.102400
ARGI1_RAT	Fu	1337	Lopa	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1T5G	1D1X			Sc=6.0669, min distance = 1.9602879
ARGI1_RAT	Fu	439202	L	NOS3_BOVIN	Fu	123895	1h	5NSE	1HQF	6NSE	0.75		Sc=5.82763, min distance = 2.504959
ARGI1_RAT	Fu	444288	CI	KARG_LIMPO	Fu	6322	L-ar	1M15	1T5G	1P52			Sc=5.74332, min distance = 2.085570
ARGI1_RAT	Fu	447181	VI	NOS1_RAT	Full	123895	1h	1LZX	1HQF	1MMW	0.76		Sc=6.10047, min distance = 2.076177
ARGI1_RAT	Fu	5962	L-ly	ARGI_BACCD	Fu	6322	L-ar	3CEV	1T5G	5CEV	42.76	0.79	Sc=5.83814, min distance = 0.839776
ARGI1_RAT	Fu	9085	homc	NOS3_BOVIN	Fu	123895	1h	5NSE	1HQF	1DM7	0.87		Sc=6.01525, min distance = 1.922869
ARGI1_RAT	Fu	9547942	C	NOS3_BOVIN	Fu	123895	1h	5NSE	1HQF	2G6O	0.81		Sc=5.92222, min distance = 2.300840
ARGI2_HUMAN	I	446124	CU	ARGI1_RAT	Ful	446122	S2	3E9B	1PQ3	1HQH			Sc=5.85859, min distance = 2.302480
ARGI2_HUMAN	I	448254	CI	ARGI1_RAT	Ful	446122	S2	3E9B	1PQ3	1R1O	0.81		Sc=5.61707, min distance = 1.881780
ARGI_BACCD	F1	123831	N	NOS3_BOVIN	Fu	6322	L-ar	4NSE	3CEV	7NSE	0.89		Sc=6.06693, min distance = 1.748250
ARGI_BACCD	F1	123895	1h	NOS3_BOVIN	Fu	6322	L-ar	4NSE	3CEV	5NSE	0.96		Sc=6.01028, min distance = 2.195594
ARGI_BACCD	F1	123895	1h	NOSO_BACSU	Fu	6322	L-ar	2FC1	3CEV	2FBZ	0.96		Sc=5.99439, min distance = 2.138019
ARGI_BACCD	F1	24850913		NOS1_RAT	Full	6322	L-ar	1OM4	3CEV	3B3M			Sc=6.31858, min distance = 0.633630
ARGI_BACCD	F1	444288	CI	KARG_LIMPO	Fu	6322	L-ar	1M15	3CEV	1P52			Sc=5.85925, min distance = 2.416416
ARGI_BACCD	F1	444965	2	ARGI1_RAT	Ful	6322	L-ar	1T5G	3CEV	1D3V	42.76		Sc=5.83911, min distance = 1.674537
ARGI_BACCD	F1	446719	2	ARGI1_RAT	Ful	6322	L-ar	1T5G	3CEV	1T5F	42.76		Sc=5.98116, min distance = 1.988909
ARGI_BACCD	F1	447181	VI	NOS1_RAT	Full	6322	L-ar	1OM4	3CEV	1MMW	0.78		Sc=6.11185, min distance = 1.677516
ARGI_BACCD	F1	6274	hist	ARGT_SALTY	Fu	5962	L-ly	1LST	5CEV	1LAG			Sc=5.80766, min distance = 2.660687
ARGI_BACCD	F1	6274	hist	ARGT_SALTY	Fu	6322	L-ar	1LAF	3CEV	1LAG			Sc=5.79509, min distance = 2.791538
ARGI_BACCD	F1	657085	DE	ARGI1_RAT	Ful	6322	L-ar	1T5G	3CEV	1T4P	42.76		Sc=5.81714, min distance = 1.315490
ARGI_BACCD	F1	9547942	C	NOS3_BOVIN	Fu	6322	L-ar	4NSE	3CEV	2G6O	0.84		Sc=5.93913, min distance = 2.223949
ARGR_BACST	F1	123831	N	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1B4B	7NSE	0.89		Sc=5.87663, min distance = 1.902820
ARGR_BACST	F1	126494	N	NOS1_RAT	Full	6322	L-ar	1OM4	1B4B	1K2S	0.76		Sc=5.93288, min distance = 2.013020
ARGR_BACST	F1	133246	di	NOS2_HUMAN	Fu	6322	L-ar	1NSI	1B4B	4NOS			Sc=6.1399, min distance = 1.9021649
ARGR_BACST	F1	439202	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1B4B	6NSE			Sc=5.6826, min distance = 2.3918099
ARGR_BACST	F1	444288	CI	KARG_LIMPO	Fu	6322	L-ar	1M15	1B4B	1P52			Sc=5.62077, min distance = 2.084250
ARGR_BACST	F1	444951	CI	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1B4B	1Q2O			Sc=6.16634, min distance = 1.857849
ARGR_BACST	F1	445040	6	NOS1_RAT	Full	6322	L-ar	1OM4	1B4B	2G6I			Sc=6.00056, min distance = 2.185477
ARGR_BACST	F1	446719	2	ARGI1_RAT	Ful	6322	L-ar	1T5G	1B4B	1T5F			Sc=5.76635, min distance = 2.149719
ARGR_BACST	F1	447180	Tc	NOS1_RAT	Full	6322	L-ar	1OM4	1B4B	1MMV	0.83		Sc=6.0246, min distance = 2.0217120
ARGR_BACST	F1	447181	VI	NOS1_RAT	Full	6322	L-ar	1OM4	1B4B	1MMW	0.78		Sc=5.92407, min distance = 2.431716
ARGR_BACST	F1	5962	L-ly	ARGT_SALTY	Fu	6322	L-ar	1LAF	1B4B	1LST	0.79		Sc=5.66805, min distance = 2.506992
ARGR_BACST	F1	6274	hist	ARGT_SALTY	Fu	6322	L-ar	1LAF	1B4B	1LAG			Sc=5.67761, min distance = 2.694810

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ARGR_BACST	F1	9085	homd	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1B4B	1DM7	0.9	Sc=5.74414, min distance = 2.36389
ARGR_BACST	F1	9547942	C	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1B4B	2G60	0.84	Sc=5.69291, min distance = 2.18633
ARGR_ECOLI	F1	123831	N	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1XXA	7NSE	0.89	Sc=5.93639, min distance = 2.55812
ARGR_ECOLI	F1	123895	1H	NOSO_BACSU	Fu:	6322	L-ar	2FC1	1XXA	2FBZ	0.96	Sc=5.85006, min distance = 2.60854
ARGR_ECOLI	F1	445108	AF	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1XXA	1DMJ		Sc=6.11173, min distance = 1.02460
ARGR_ECOLI	F1	447181	VI	NOS1_RAT	Full:	6322	L-ar	1OM4	1XXA	1MMW	0.78	Sc=5.98791, min distance = 2.68418
ARGR_ECOLI	F1	5962	L-ly	ARGT_SALTY	Fu:	6322	L-ar	1LAF	1XXA	1LST	0.79	Sc=5.65587, min distance = 2.26591
ARGR_ECOLI	F1	9547942	C	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1XXA	2G60	0.84	Sc=5.73209, min distance = 2.22723
ARGT_SALTY	F1	126494	N	NOS1_RAT	Full:	6322	L-ar	1OM4	1LAF	1K2S	0.76	Sc=6.24588, min distance = 1.94054
ARGT_SALTY	F1	1649	3-br	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1LAF	1D0C		Sc=5.94907, min distance = 0.83807
ARGT_SALTY	F1	165271	L	HISX_ECOLI	Fu:	6274	hist	1KAH	1LAG	1KAE	0.89	Sc=5.79273, min distance = 2.20766
ARGT_SALTY	F1	1894	7-ni	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1LAF	1FOJ		Sc=5.91557, min distance = 2.19337
ARGT_SALTY	F1	439202	L	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1LAF	6NSE		Sc=5.91856, min distance = 2.38046
ARGT_SALTY	F1	444965	2	ARGI1_RAT	Ful:	6322	L-ar	1T5G	1LAF	1D3V		Sc=5.81639, min distance = 2.12274
ARGT_SALTY	F1	446122	S2	ARGI1_RAT	Ful:	6322	L-ar	1T5G	1LAF	3E9B		Sc=5.71345, min distance = 2.04563
ARGT_SALTY	F1	446719	2	ARGI1_RAT	Ful:	6322	L-ar	1T5G	1LAF	1T5F		Sc=6.01897, min distance = 2.18709
ARGT_SALTY	F1	447180	Tc	NOS1_RAT	Full:	6322	L-ar	1OM4	1LAF	1MMV	0.83	Sc=6.24785, min distance = 2.16218
ARGT_SALTY	F1	447181	VI	NOS1_RAT	Full:	6322	L-ar	1OM4	1LAF	1MMW	0.78	Sc=6.17753, min distance = 2.20706
ARGT_SALTY	F1	657087	CI	ARGI1_RAT	Ful:	6322	L-ar	1T5G	1LAF	1T4T	0.76	Sc=5.86311, min distance = 2.00152
ARGT_SALTY	F1	9085	homd	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1LAF	1DM7	0.9	Sc=6.08345, min distance = 2.03936
ARGT_SALTY	F1	9547942	C	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1LAF	2G60	0.84	Sc=6.01662, min distance = 2.05521
ARIS_PENRO	F1	131682	Se	AOFB_HUMAN	Fu:	445070	fa	2BK3	1DGP	2V5Z		Sc=6.23368, min distance = 1.16219
ARK72_HUMAN	I	448573	FI	CASP7_HUMAN	F1	311	citri	2QL9	2BP1	1SHL		Sc=6.03541, min distance = 0.08914
ARK72_HUMAN	I	51	2-Oxop	SERA_ECOLI	Fu:	311	citri	2P9E	2BP1	1YBA	0.76	Sc=5.60743, min distance = 2.13869
ARK72_MOUSE	I	164795	N	LMBL1_HUMAN	F1	78165	MES	1OZ2	2C91	2RHY		Sc=5.60861, min distance = 2.09785
ARL1_HUMAN	F1	445871	CI	RASH_HUMAN	Fu:	6830	guan	2CL7	1UPT	1GNP		Sc=5.67035, min distance = 2.19079
ARL1_RAT	Ful:	445873	CA	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1R4A	2CL6		Sc=6.28211, min distance = 2.13546
ARL1_RAT	Ful:	446248	CI	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1R4A	1IAQ		Sc=6.04226, min distance = 2.52137
ARL1_RAT	Ful:	5496555	G	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1R4A	2EVW		Sc=5.99201, min distance = 2.21342
ARL1_RAT	Ful:	93082	Gak	RAC3_HUMAN	Fu:	36735	Gpp	2IC5	1R4A	2QME	0.99	Sc=5.82295, min distance = 2.47359
ARL1_RAT	Ful:	93082	Gak	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1R4A	121P	0.99	Sc=5.80918, min distance = 2.19852
ARL1_RAT	Ful:	93082	Gak	SRP54_THEAQ	F1	36735	Gpp	1JPN	1R4A	1RJ9	0.99	Sc=6.11531, min distance = 1.60634
ARL2_MOUSE	F1	37792	gar	GNAT1_BOVIN	F1	8977	1dar	1TAD	1KSH	1TND	0.99	Sc=6.1567, min distance = 2.12595
ARL2_MOUSE	F1	37792	gar	RAB6B_HUMAN	F1	8977	1dar	2E9S	1KSH	2FFQ	0.99	Sc=6.50516, min distance = 2.68224
ARL2_MOUSE	F1	37792	gar	RB11A_HUMAN	F1	8977	1dar	1OIX	1KSH	1OIW	0.99	Sc=6.14437, min distance = 2.73171
ARL2_MOUSE	F1	37792	gar	RHOA_HUMAN	Fu:	8977	1dar	1TX4	1KSH	1CXZ	0.99	Sc=6.16314, min distance = 2.43011
ARL2_MOUSE	F1	445873	CA	RASH_HUMAN	Fu:	8977	1dar	2CE2	1KSH	2CL6		Sc=6.73264, min distance = 2.01596

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ARL2_MOUSE	F1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1KSG	1IAQ		Sc=5.77389, min distance = 2.243540
ARL2_MOUSE	F1	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1KSH	1IAQ		Sc=6.14008, min distance = 2.594939
ARL2_MOUSE	F1	6804	guar	DPOL_BPR69	Fu	8977	ldar	1CLQ	1KSH	1WAJ	0.99	Sc=6.02439, min distance = 2.193947
ARL2_MOUSE	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1KSH	1G7C	0.99	Sc=6.04768, min distance = 2.588389
ARL2_MOUSE	F1	8582	Inos	PURA1_MOUSE	Fu	6830	guan	1LOO	1KSG	1IWE	0.98	Sc=6.3486, min distance = 2.4283910
ARL2_MOUSE	F1	8582	Inos	PURA1_MOUSE	Fu	8977	ldar	1LON	1KSH	1IWE	0.99	Sc=6.36062, min distance = 2.728187
ARL2_MOUSE	F1	93082	Gak	CDC42_HUMAN	Fu	8977	ldar	2NGR	1KSH	2ODB	0.99	Sc=6.23186, min distance = 2.170759
ARL2_MOUSE	F1	93082	Gak	EFG_THETH	Fu	8977	ldar	2BM0	1KSH	2J7K	0.99	Sc=6.20382, min distance = 2.193891
ARL2_MOUSE	F1	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1KSH	2QME	0.99	Sc=6.22737, min distance = 2.654749
ARL3_MOUSE	F1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	3BH6	1IBR		Sc=6.17875, min distance = 2.314148
ARL3_MOUSE	F1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	3BH6	1RJ9	0.99	Sc=6.23186, min distance = 2.367877
ARL5B_HUMAN	I	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1YZG	1G7C	0.99	Sc=5.95006, min distance = 2.436720
ARL6_HUMAN	F1	65070	dUT	Q381M1_9TRYP	I	6830	guan	2Q0E	2H57	2NOM		Sc=5.90484, min distance = 1.941744
ARL8A_HUMAN	I	37792	gar	GNAI1_RAT	Fu	8977	ldar	1SVK	1ZD9	1AS0	0.99	Sc=6.52447, min distance = 2.312708
ARL8A_HUMAN	I	37792	gar	RAB6B_HUMAN	Fu	8977	ldar	2E9S	1ZD9	2FFQ	0.99	Sc=6.53713, min distance = 2.106579
ARL8A_HUMAN	I	37792	gar	RAC1_HUMAN	Fu	8977	ldar	1RYF	1ZD9	2FJU	0.99	Sc=6.54409, min distance = 2.246561
ARL8A_HUMAN	I	37792	gar	RB11A_HUMAN	Fu	8977	ldar	1OIX	1ZD9	1OIW	0.99	Sc=6.52447, min distance = 2.428288
ARL8A_HUMAN	I	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1ZD9	1G7C	0.99	Sc=6.43155, min distance = 2.361339
ARL8A_HUMAN	I	93082	Gak	CDC42_HUMAN	Fu	8977	ldar	2NGR	1ZD9	2ODB	0.99	Sc=6.57453, min distance = 2.103479
ARO1_EMENI	F1	169266	1	AROB_STAAR	Fu	5893	nadi	1XAH	1SG6	1XAG	39.73	Sc=6.4338, min distance = 2.1876071
ARO1_EMENI	F1	25023707		DNLJ_ENTFA	Fu	5893	nadi	1TAE	1SG6	3BAB		Sc=6.56954, min distance = 1.937704
ARO1_EMENI	F1	445794	AD	FUCO_ECOLI	Fu	5893	nadi	2BI4	1SG6	1RRM		Sc=6.59504, min distance = 2.243174
ARO1_EMENI	F1	5957	Ader	BIOD_ECOLI	Fu	444564	AD	1BS1	1NVA	1A82	0.91	Sc=5.67546, min distance = 2.324122
ARO1_EMENI	F1	6022	Ader	BIOD_ECOLI	Fu	444564	AD	1BS1	1NVA	1DAD	0.91	Sc=5.94562, min distance = 2.329538
ARO1_EMENI	F1	91532	AME	BIOD_ECOLI	Fu	444564	AD	1BS1	1NVA	1DAG	0.91	Sc=6.43932, min distance = 2.475231
AROA_STRPN	F1	8742	shik	AROA_ECOLI	Fu	3496	glyp	1G6S	1RF6	2AA9	25.76	Sc=5.85455, min distance = 2.462522
AROB_STAAR	F1	440141	9i	GSHR_HUMAN	Fu	5893	nadi	1GRB	1XAH	1GRA		Sc=5.62387, min distance = 2.368947
AROC_HELPA	F1	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1UM0	5FX2	0.77	Sc=6.6025, min distance = 2.3404978
AROC_MYCTU	F1	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	2O12	1HE5	0.82	Sc=6.21094, min distance = 2.170920
AROC_STRPN	F1	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	1QXO	1HE5	0.82	Sc=6.14451, min distance = 2.406068
AROE_AQUAE	F1	121947	sh	AROA_ECOLI	Fu	8742	shik	2AA9	2HK9	1G6S	0.91	Sc=6.03219, min distance = 1.913971
AROE_AQUAE	F1	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2HK9	2IZ1		Sc=6.12063, min distance = 1.987269
AROE_AQUAE	F1	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2HK9	1E7Y		Sc=6.36106, min distance = 2.322514
AROE_AQUAE	F1	445782	CI	AROA_ECOLI	Fu	8742	shik	2AA9	2HK9	2QFQ	0.91	Sc=6.04503, min distance = 1.791070
AROE_AQUAE	F1	445904	DF	AROK_MYCTU	Fu	8742	shik	2IYS	2HK9	2DFN		Sc=5.80603, min distance = 2.429021
AROE_AQUAE	F1	448155	AD	ILV5_SPIOL	Fu	5886	NADF	1YVE	2HK9	1QMG		Sc=6.18045, min distance = 1.760931
AROE_ECOLI	F1	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1NYT	1E7Y		Sc=6.39142, min distance = 1.916622

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AROE_ECOLI	F1	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	1NYT	1DRW	0.91	Sc=6.29966, min distance = 2.077618
AROE_ECOLI	F1	448155	AD	ILV5_SPIOL	Fu	5886	NADF	1YVE	1NYT	1QMG		Sc=6.17935, min distance = 1.887319
AROE_THET8	F1	121947	sh	AROA_ECOLI	Fu	8742	shik	2AA9	2D5C	1G6S	0.91	Sc=6.02445, min distance = 2.026649
AROE_THET8	F1	121947	sh	AROK_MYCTU	Fu	8742	shik	2IYS	2D5C	2IYY	0.91	Sc=5.95599, min distance = 2.033340
AROE_THET8	F1	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2EV9	1QYW		Sc=5.91537, min distance = 2.294639
AROE_THET8	F1	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2EV9	1DRW	0.91	Sc=5.81478, min distance = 2.024350
AROE_THET8	F1	445782	CI	AROA_ECOLI	Fu	8742	shik	2AA9	2D5C	2QFQ	0.91	Sc=6.04629, min distance = 2.005322
AROE_THET8	F1	445904	DF	AROK_MYCTU	Fu	8742	shik	2IYS	2D5C	2DFN		Sc=5.79879, min distance = 2.436798
AROF_THEMA	F1	188324	Ri	KDSA_AQUAE	Fu	1005	phos	2NWR	1RZM	1FXQ		Sc=5.76165, min distance = 1.898578
AROF_THEMA	F1	447634	RI	KDSA_AQUAE	Fu	1005	phos	2NWR	1RZM	2NX1		Sc=5.73982, min distance = 2.141309
AROF_THEMA	F1	447634	RI	KDSA_AQUAE	Fu	122357	er	1FWT	1RZM	2NX1		Sc=5.83226, min distance = 1.721540
AROG_YEAST	F1	439278	ph	KDSA_AQUAE	Fu	446060	2-	2NX3	1HFB	1PE1	0.88	Sc=5.70644, min distance = 2.239969
AROG_YEAST	F1	444881	L-	CHMU_YEAST	Fu	6057	L-ty	4CSM	1OF6	1CSM		Sc=6.22822, min distance = 0.833767
AROG_YEAST	F1	6140	L-ph	SYFA_THETH	Fu	6057	L-ty	2AMC	1OF6	1B70	0.84	Sc=5.78012, min distance = 2.191230
AROG_YEAST	F1	6305	L-ty	CHMU_YEAST	Fu	6057	L-ty	4CSM	1OF6	5CSM		Sc=6.09558, min distance = 1.902222
AROG_YEAST	F1	6420123	E	SYI_METJA	Fu	6057	L-ty	1J1U	1OF6	1ZH6	0.77	Sc=6.08109, min distance = 1.290829
AROG_YEAST	F1	671214	L-	SYI_METJA	Fu	6057	L-ty	1J1U	1OF6	2AG6	0.76	Sc=5.84424, min distance = 1.802739
AROG_YEAST	F1	736190	L-	SYFA_THETH	Fu	6057	L-ty	2AMC	1OF6	2AKW	0.76	Sc=5.82658, min distance = 2.628018
AROK_HELPA	F1	445904	DF	AROK_MYCTU	Fu	8742	shik	2IYS	1ZUI	2DFN		Sc=5.89465, min distance = 2.501138
AROK_MYCTU	F1	33113	gan	KIF1A_MOUSE	Fu	91532	AMP	1I6I	1ZYU	1VFW	0.99	Sc=6.02665, min distance = 2.329790
AROK_MYCTU	F1	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2IYW	1Q8W		Sc=5.92628, min distance = 2.173532
AROK_MYCTU	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2IYW	1BS1	0.91	Sc=5.96788, min distance = 2.454628
AROK_MYCTU	F1	444564	AD	BIOD_ECOLI	Fu	91532	AMP	1DAG	1ZYU	1BS1	0.91	Sc=6.00653, min distance = 2.125888
AROK_MYCTU	F1	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2IYW	1W9I	0.91	Sc=5.96788, min distance = 0
AROK_MYCTU	F1	444914	4-	CDGT2_BACCI	Fu	23831	HEP	1OT1	1L4U	1CXL		Sc=5.64592, min distance = 2.253780
AROK_MYCTU	F1	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	2IYW	1LVK		Sc=5.75815, min distance = 0
AROK_MYCTU	F1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2IYW	1YDR		Sc=5.88549, min distance = 2.034630
AROK_MYCTU	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	2IYV	2PO2		Sc=5.72667, min distance = 2.011129
AROK_MYCTU	F1	6338562	C	MYS2_DICDI	Fu	5957	Aden	1FMW	2IYW	1D0Y		Sc=6.18879, min distance = 0
AROK_MYCTU	F1	6338563	C	MYS2_DICDI	Fu	5957	Aden	1FMW	2IYW	1D0Z		Sc=6.17112, min distance = 0
AROK_MYCTU	F1	6338564	C	MYS2_DICDI	Fu	5957	Aden	1FMW	2IYW	1D1A		Sc=5.78021, min distance = 0
AROK_MYCTU	F1	65059	Dec	RNAS1_BOVIN	Fu	6022	Aden	100H	2IYV	2QCA	0.77	Sc=5.92067, min distance = 2.015010
AROL_ERWCH	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2SHK	1GZ8		Sc=6.05449, min distance = 2.529949
AROL_ERWCH	F1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	2SHK	1LVK		Sc=5.7668, min distance = 2.107894
AROQ_HELPA	F1	1005	phos	F16PA_ECOLI	Fu	311	citri	2OWZ	2C4V	2OX3		Sc=5.65805, min distance = 2.214518
AROQ_HELPA	F1	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	2C4V	1IIH		Sc=5.70474, min distance = 2.233508
AROQ_HELPA	F1	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	2C4V	4TIM		Sc=5.69042, min distance = 2.405668

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AROQ_HELPY	F1	4797	1tpw	TPIS_TRYBB	Fu	311	citri	2VEK	2C4V	1TTJ		Sc=5.61518, min distance = 2.113589
AROQ_HELPY	F1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	2C4V	1YBA	0.76	Sc=5.77729, min distance = 1.337919
AROQ_STRCO	F1	121947	sh	AROK_MYCTU	Fu	445904	DH	2DFN	1GTZ	2IYY		Sc=6.06972, min distance = 2.165460
AROQ_STRCO	F1	6102777	2	AROQ_HELPY	Fu	445905	1g	2C57	1GU1	2C4W	43.28	Sc=6.47529, min distance = 0.672670
ARP2_BOVIN	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	2VNW		Sc=6.14663, min distance = 2.653200
ARP2_BOVIN	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2P9U	2ETK		Sc=6.07038, min distance = 2.164340
ARP2_BOVIN	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	1YDS		Sc=5.91714, min distance = 2.040420
ARP2_BOVIN	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	1Q8W		Sc=5.98898, min distance = 2.013940
ARP2_BOVIN	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2P9I	2ZGZ	0.79	Sc=6.52334, min distance = 1.653420
ARP2_BOVIN	F1	440141	9i	RNAS1_BOVIN	F1	6022	Aden	100H	2P9I	100O	1	Sc=6.46696, min distance = 1.329870
ARP2_BOVIN	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1TYQ	1BS1	0.91	Sc=5.97772, min distance = 2.225320
ARP2_BOVIN	F1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2P9I	1H0V		Sc=6.30021, min distance = 2.372180
ARP2_BOVIN	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2P9I	1PXI		Sc=5.8145, min distance = 2.3046650
ARP2_BOVIN	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2P9U	2ETR		Sc=6.07606, min distance = 2.254370
ARP2_BOVIN	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	1YDR		Sc=6.01319, min distance = 2.119390
ARP2_BOVIN	F1	6083	ader	GLNA1_MYCTU	F1	6022	Aden	2BVC	2P9I	1HTO	0.99	Sc=6.4118, min distance = 2.3434760
ARP2_BOVIN	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1TYQ	2R7M	0.98	Sc=6.38586, min distance = 2.208800
ARP2_BOVIN	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2P9I	2R7M	0.99	Sc=6.40049, min distance = 2.196870
ARP2_BOVIN	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2P9I	2DXF	0.8	Sc=6.42187, min distance = 2.206420
ARP2_BOVIN	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2P9I	2DXE	0.8	Sc=6.4884, min distance = 2.0814610
ARP2_BOVIN	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2P9I	2ZGY	0.8	Sc=6.47986, min distance = 2.199550
ARP2_BOVIN	F1	9543433	T	NDKC_DICDI	Fu	6022	Aden	1KDN	2P9I	1F6T		Sc=6.42799, min distance = 1.834830
ARP3_BOVIN	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	2VNW		Sc=6.18084, min distance = 2.204650
ARP3_BOVIN	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	2P9U	2OXD		Sc=5.75433, min distance = 2.117750
ARP3_BOVIN	F1	16750063		CSK2A_MAIZE	F1	33113	gar	1LP4	2P9U	2OXX		Sc=5.65458, min distance = 2.007220
ARP3_BOVIN	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	1YDS		Sc=5.9571, min distance = 2.0700420
ARP3_BOVIN	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1TYQ	1COW	0.91	Sc=6.51505, min distance = 2.122420
ARP3_BOVIN	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2P9I	1PXI		Sc=5.82051, min distance = 2.287730
ARP3_BOVIN	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2P9U	2ETR		Sc=6.17763, min distance = 2.164440
ARP3_BOVIN	F1	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	2P9U	3D9V		Sc=6.06706, min distance = 1.768350
ARP3_BOVIN	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1TYQ	1YDR		Sc=6.03156, min distance = 2.145960
ARP3_BOVIN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2P9I	1H1R		Sc=6.15265, min distance = 1.908020
ARP3_BOVIN	F1	6083	ader	GLNA1_MYCTU	F1	6022	Aden	2BVC	2P9I	1HTO	0.99	Sc=6.41341, min distance = 2.243560
ARP3_BOVIN	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2P9I	2R7M	0.99	Sc=6.41112, min distance = 2.145720
ARP3_BOVIN	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2P9I	2DXE	0.8	Sc=6.49995, min distance = 1.997990
ARP3_BOVIN	F1	91532	AME	KIF1A_MOUSE	F1	33113	gar	1VFV	2P9U	1I6I	0.99	Sc=6.49741, min distance = 2.089790
ARP3_BOVIN	F1	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	2P9U	1KJI	0.99	Sc=6.52393, min distance = 1.761110

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ARP3_SCHPO	F1	11708454	KAPCA_BOVIN	F1	5957	Aden	1Q24	3DWL	2VNW		Sc=6.10799, min distance = 2.63777
ARP3_SCHPO	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	3DWL	1YDS	Sc=5.89996, min distance = 2.12939
ARP3_SCHPO	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	3DWL	1Q8W	Sc=5.94712, min distance = 2.10696
ARP3_SCHPO	F1	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	3DWL	1KJJ	0.99 Sc=5.99931, min distance = 1.68063
ARP3_SCHPO	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	3DWL	1BS1	0.91 Sc=5.64007, min distance = 2.29486
ARP3_SCHPO	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	3DWL	1YDR	Sc=5.96825, min distance = 2.18956
ARP3_SCHPO	F1	5893	nadi	MAOM_HUMAN	Fu	5957	Aden	1GZ4	3DWL	1PJ3	Sc=6.24557, min distance = 2.44701
ARP3_SCHPO	F1	6022	Ader	ACT1_DROME	Fu	5957	Aden	2HF4	3DWL	2HF3	0.99 Sc=5.93592, min distance = 2.66187
ARP3_SCHPO	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	3DWL	1IHU	0.99 Sc=5.95052, min distance = 1.94715
ARP3_SCHPO	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	3DWL	1DAD	0.99 Sc=5.64665, min distance = 2.23956
ARP3_SCHPO	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	3DWL	2JA3	0.99 Sc=6.42245, min distance = 2.24013
ARP3_SCHPO	F1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	3DWL	1NN3	0.99 Sc=5.94155, min distance = 2.43234
ARP3_SCHPO	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	3DWL	1OH7	0.99 Sc=5.62891, min distance = 1.40376
ARP3_SCHPO	F1	6022	Ader	PPCK_ECOLI	Fu	5957	Aden	2OLR	3DWL	1K3C	0.99 Sc=5.63309, min distance = 1.70679
ARP3_SCHPO	F1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	3DWL	2R7N	0.99 Sc=5.96591, min distance = 2.22992
ARP3_SCHPO	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	3DWL	2BEJ	0.99 Sc=5.62796, min distance = 2.72359
ARP3_SCHPO	F1	6083	ader	AAKG1_RAT	Fu1	5957	Aden	2V92	3DWL	2V8Q	0.98 Sc=6.36522, min distance = 1.93296
ARP3_SCHPO	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	3DWL	2R7M	0.98 Sc=6.36755, min distance = 1.97069
ARP3_SCHPO	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	3DWL	2R85	0.98 Sc=6.36984, min distance = 2.12405
ARSA1_ECOLX	1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1II0	2UVY	Sc=6.19169, min distance = 2.46601
ARSA1_ECOLX	1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1II9	2OXD	Sc=5.68594, min distance = 2.01469
ARSA1_ECOLX	1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1II9	2ETK	Sc=6.10296, min distance = 2.04247
ARSA1_ECOLX	1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1II0	1YDS	Sc=5.85296, min distance = 2.20593
ARSA1_ECOLX	1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IHU	1E1X	Sc=6.26619, min distance = 1.80793
ARSA1_ECOLX	1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1II0	1BS1	0.91 Sc=6.42539, min distance = 2.68464
ARSA1_ECOLX	1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1IHU	1BS1	0.91 Sc=6.429, min distance = 2.6030059
ARSA1_ECOLX	1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IHU	1GZ8	Sc=6.17038, min distance = 1.78634
ARSA1_ECOLX	1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IHU	1H0V	Sc=6.25591, min distance = 2.27621
ARSA1_ECOLX	1	447004	CI	MYS2_DICDI	Fu	33113	gar	1MMN	1II9	1LVK	Sc=6.16364, min distance = 2.44151
ARSA1_ECOLX	1	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	1II0	1LVK	Sc=6.05948, min distance = 0
ARSA1_ECOLX	1	447052	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	1II9	1M2R	Sc=6.35287, min distance = 1.93320
ARSA1_ECOLX	1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1II0	1YDR	Sc=5.92776, min distance = 2.33642
ARSA1_ECOLX	1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IHU	1E1V	Sc=6.21329, min distance = 1.53843
ARSA1_ECOLX	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IHU	1H1R	Sc=6.09549, min distance = 1.21540
ARSA1_ECOLX	1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1II9	1ZOG	Sc=5.67711, min distance = 1.84500
ARSA1_ECOLX	1	5496923	C	HS90A_HUMAN	F1	6022	Aden	1BYQ	1IHU	1UY8	Sc=6.24576, min distance = 2.17355
ARSA1_ECOLX	1	6031	Uric	DCK_HUMAN	Fu1	6022	Aden	1P5Z	1IHU	2ZIA	Sc=6.36658, min distance = 2.39193

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ARSA1_ECOLX	1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1II0	2V8Q	0.98	Sc=6.32965, min distance = 1.99460
ARSA1_ECOLX	1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	1II9	3CJ7	0.97	Sc=5.96721, min distance = 2.53505
ARSA1_ECOLX	1	6083	ader	HSP71_HUMAN	Fu	33113	gar	2E8A	1II9	1XQS	0.97	Sc=5.98059, min distance = 2.18102
ARSA1_ECOLX	1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1II0	2VII	0.98	Sc=6.3249, min distance = 2.305972
ARSA1_ECOLX	1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1II9	1Q97	0.93	Sc=6.2121, min distance = 2.257368
ARSA1_ECOLX	1	6102784	Z	PSPF_ECOLI	Fu	5957	Aden	2C96	1II0	2C99	0.99	Sc=6.46629, min distance = 2.36717
ARSA1_ECOLX	1	6102784	Z	PSPF_ECOLI	Fu	6022	Aden	2C98	1IHU	2C99	0.99	Sc=6.50482, min distance = 1.90659
ARSA1_ECOLX	1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1IHU	2PO2		Sc=5.97405, min distance = 1.91107
ARSA1_ECOLX	1	6338562	C	MYS2_DICDI	Fu	5957	Aden	1FMW	1II0	1D0Y		Sc=6.21003, min distance = 0
ARSA1_ECOLX	1	6338566	C	MYS2_DICDI	Fu	5957	Aden	1FMW	1II0	1D1C		Sc=6.20542, min distance = 0
ARSA1_ECOLX	1	65051	ddT	NDKC_DICDI	Fu	6022	Aden	1KDN	1IHU	1F3F		Sc=6.42879, min distance = 1.37051
ARSA1_ECOLX	1	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1II0	2GNI		Sc=5.93726, min distance = 2.38643
ARSA1_ECOLX	1	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	1IHU	1ZYU	0.99	Sc=6.51903, min distance = 2.13684
ARSA1_ECOLX	1	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	1II0	1DAG	0.99	Sc=6.46232, min distance = 2.59466
ARSA1_ECOLX	1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1IHU	1DAG	0.99	Sc=6.52283, min distance = 2.40025
ARSA1_ECOLX	1	91532	AME	KIF1A_MOUSE	Fu	33113	gar	1VFV	1II9	1I6I	0.99	Sc=6.48569, min distance = 2.22984
ARSA1_ECOLX	1	91532	AME	NIFH1_AZOVI	Fu	5957	Aden	2C8V	1II0	2AFK	37.5 0.99	Sc=6.48692, min distance = 2.64419
ARSA1_ECOLX	1	91532	AME	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1IHU	2AFK	37.5 0.99	Sc=6.54319, min distance = 1.45368
ASNA_ECOLI	F1	166760	Fa	PURP_METJA	Fu	6083	aden	2R7M	12AS	2R7N	0.76	Sc=6.41284, min distance = 2.38847
ASNA_ECOLI	F1	21826754		PYGM_RABIT	Fu	6083	aden	8GPB	12AS	3BD6		Sc=6.02956, min distance = 2.21440
ASNA_ECOLI	F1	24752834		SYH_ECOLI	Fu	6083	aden	1HTT	12AS	2EL9		Sc=6.65003, min distance = 1.48982
ASNA_ECOLI	F1	24851689		PIM1_HUMAN	Fu	6083	aden	1YXU	12AS	3CY2		Sc=6.17936, min distance = 1.96148
ASNA_ECOLI	F1	24905143		SRC_CHICK	Fu	6083	aden	3DQX	12AS	3EN7		Sc=6.29215, min distance = 2.04814
ASNA_ECOLI	F1	24905152		SRC_CHICK	Fu	6083	aden	3DQX	12AS	3EN6		Sc=6.3791, min distance = 2.14924
ASNA_ECOLI	F1	440641	1n	O57693_THETE	1	6083	aden	1UXU	12AS	1UXR		Sc=5.94452, min distance = 2.16957
ASNA_ECOLI	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	12AS	1WXE	0.91	Sc=6.35869, min distance = 2.18179
ASNA_ECOLI	F1	445736	5	SYS_THET2	Fu	6083	aden	1SES	12AS	1SET	0.86	Sc=6.50635, min distance = 2.08303
ASNA_ECOLI	F1	446724	AM	NUDT5_HUMAN	Fu	6083	aden	2DSD	12AS	3BM4	0.92	Sc=6.60632, min distance = 1.89315
ASNA_ECOLI	F1	448895	AD	UMPY_YEAST	Fu	6083	aden	1UKZ	12AS	1UKY	0.99	Sc=6.42391, min distance = 2.63210
ASNA_ECOLI	F1	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	12AS	2C3I		Sc=6.26593, min distance = 2.22660
ASNA_ECOLI	F1	5957	Ader	AAKG1_RAT	Fu	6083	aden	2V8Q	12AS	2V92	0.98	Sc=6.48439, min distance = 1.64673
ASNA_ECOLI	F1	6022	Ader	HSP71_HUMAN	Fu	6083	aden	1XQS	12AS	1S3X	0.99	Sc=6.43746, min distance = 2.04677
ASNA_ECOLI	F1	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	12AS	1YXX		Sc=6.24271, min distance = 1.46134
ASNA_ECOLI	F1	65533	cor	O57693_THETE	1	6083	aden	1UXU	12AS	1UXT		Sc=5.9636, min distance = 2.01342
ASNA_ECOLI	F1	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	12AS	1YXV		Sc=5.92188, min distance = 3.18829
ASNA_ECOLI	F1	8582	Inos	PUR1_MOUSE	Fu	6083	aden	1MF0	12AS	1IWE	0.79	Sc=6.37139, min distance = 2.27122
ASNA_ECOLI	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	12AS	2QN7	0.79	Sc=6.37056, min distance = 2.64787

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ASNA_ECOLI	F1	91557	1tr	BLS_STRCL	Ful	6083	aden	1MC1	12AS	1JGT	0.97	Sc=6.04897, min distance = 1.350368
ASNA_ECOLI	F1	97297	5-1	HASP_HUMAN	Fu	6083	aden	3DLZ	12AS	2VUW	0.75	Sc=6.3044, min distance = 2.363943
ASNB_ECOLI	F1	11986113		PIM1_HUMAN	Fu	6083	aden	1YXU	1CT9	2BZH		Sc=6.40795, min distance = 2.139454
ASNB_ECOLI	F1	1400	nche	RET_HUMAN	Ful	6083	aden	2IVT	1CT9	2IVV		Sc=6.15985, min distance = 2.820901
ASNB_ECOLI	F1	16058647		PIM1_HUMAN	Fu	6083	aden	1YXU	1CT9	2OI4		Sc=6.41427, min distance = 2.147689
ASNB_ECOLI	F1	24905143		SRC_CHICK	Ful	6083	aden	3DQX	1CT9	3EN7		Sc=6.21999, min distance = 2.466027
ASNB_ECOLI	F1	24905152		SRC_CHICK	Ful	6083	aden	3DQX	1CT9	3EN6		Sc=6.30498, min distance = 2.545628
ASNB_ECOLI	F1	24905153		SRC_CHICK	Ful	6083	aden	3DQX	1CT9	3EN5		Sc=6.26141, min distance = 2.488187
ASNB_ECOLI	F1	33032	L-g	SYQ_ECOLI	Ful	5961	L-gl	1ZJW	1CT9	100C	0.84	Sc=5.76107, min distance = 2.088911
ASNB_ECOLI	F1	3973	nche	PIM1_HUMAN	Fu	6083	aden	1YXU	1CT9	1YI3		Sc=5.91778, min distance = 1.390739
ASNB_ECOLI	F1	445708	AN	NADE_ECOLI	Fu	6083	aden	1WXI	1CT9	1WXE	0.91	Sc=5.8907, min distance = 2.561840
ASNB_ECOLI	F1	6022	Ader	PSPF_ECOLI	Fu	6083	aden	2VII	1CT9	2C98	0.99	Sc=6.42092, min distance = 2.061627
ASNB_ECOLI	F1	6076	Cycl	PDE10_HUMAN	Fu	6083	aden	2OUN	1CT9	2OUR	0.99	Sc=6.28585, min distance = 2.164551
ASNB_ECOLI	F1	656964	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	1CT9	1Y2C		Sc=5.973, min distance = 1.87328081
ASNB_ECOLI	F1	656968	1y	PDE4B_HUMAN	Fu	6083	aden	1ROR	1CT9	1Y2H		Sc=6.01252, min distance = 2.069732
ASNB_ECOLI	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1CT9	1YXV		Sc=5.87387, min distance = 1.850981
ASNB_ECOLI	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	1CT9	2QN7	0.79	Sc=5.88964, min distance = 2.893081
ASPD_ARCFU	F1	12136	Ber	POL_HV1N5	Ful	311	citri	2GON	2DC1	9HVP		Sc=5.63009, min distance = 62.96670
ASPD_ARCFU	F1	123927	A3	Q9GT92_CRYPV	I	5893	nadi	2FM3	2DC1	2EWD	0.97	Sc=6.74448, min distance = 2.277444
ASPD_ARCFU	F1	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2DC1	1DEH	0.79	Sc=6.74741, min distance = 1.950801
ASPD_ARCFU	F1	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	2DC1	1HL3	0.79	Sc=6.73957, min distance = 2.161505
ASPD_ARCFU	F1	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	2DC1	1IIH		Sc=5.62225, min distance = 2.053911
ASPD_ARCFU	F1	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	2DC1	1BDM	0.79	Sc=6.74727, min distance = 2.138712
ASPD_ARCFU	F1	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	2DC1	1ACO		Sc=5.86465, min distance = 2.086130
ASPD_ARCFU	F1	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	2DC1	1FGH		Sc=5.90497, min distance = 2.106146
ASPD_ARCFU	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2DC1	2FZE		Sc=6.61256, min distance = 1.733187
ASPD_ARCFU	F1	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	2DC1	1IHX		Sc=6.80976, min distance = 0.897636
ASPD_ARCFU	F1	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	2DC1	1NIS		Sc=5.83194, min distance = 1.884546
ASPD_ARCFU	F1	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	2DC1	4TIM		Sc=5.61286, min distance = 1.932350
ASPD_ARCFU	F1	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	2DC1	8ACN		Sc=5.83003, min distance = 2.040972
ASPD_ARCFU	F1	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	2DC1	1WXI		Sc=5.85048, min distance = 2.519064
ASPD_THEMA	F1	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	1J5P	1T2E	0.77	Sc=6.75356, min distance = 2.372302
ASPD_THEMA	F1	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1J5P	1DEH	0.79	Sc=6.44845, min distance = 1.971261
ASPD_THEMA	F1	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1J5P	2JHF	0.79	Sc=6.31424, min distance = 2.134171
ASPD_THEMA	F1	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	1J5P	1HL3	0.79	Sc=6.3224, min distance = 2.1120847
ASPD_THEMA	F1	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	1J5P	1BDM	0.79	Sc=6.76115, min distance = 2.267669
ASPD_THEMA	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1J5P	2FZE		Sc=6.17683, min distance = 1.578491

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ASSY_ECOLI	F1	11708454	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KP2	2VNW		Sc=6.14068, min distance = 2.674854
ASSY_ECOLI	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KP2	1YDS	Sc=5.88274, min distance = 2.275794
ASSY_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KP2	1Q8W	Sc=5.92776, min distance = 2.089026
ASSY_ECOLI	F1	3973	nche	PK3CG_PIG	Ful	5957	Aden	1E8X	1KP2	1E7V	Sc=5.94727, min distance = 2.040075
ASSY_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1KP2	1COW	0.91 Sc=5.68644, min distance = 1.925866
ASSY_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1KP2	1ZTF	0.94 Sc=5.82148, min distance = 2.702928
ASSY_ECOLI	F1	448043	2d	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KP2	1Q8U	Sc=6.03636, min distance = 2.019362
ASSY_ECOLI	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1KP2	1DAD	0.99 Sc=5.6439, min distance = 2.216491
ASSY_ECOLI	F1	6022	Ader	DDL_THET8	Ful	5957	Aden	2ZDQ	1KP2	2ZDH	0.99 Sc=5.65946, min distance = 1.507046
ASSY_ECOLI	F1	6022	Ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1KP2	2C98	0.99 Sc=5.62699, min distance = 2.351217
ASSY_ECOLI	F1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	1KP2	2R7N	0.99 Sc=5.94707, min distance = 2.167207
ASSY_ECOLI	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1KP2	2J9D	0.99 Sc=5.93497, min distance = 1.894059
ASSY_ECOLI	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1KP2	2R7M	0.98 Sc=6.3486, min distance = 2.004018
ASSY_ECOLI	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1KP2	2R85	0.98 Sc=6.31462, min distance = 2.461820
ASSY_ECOLI	F1	6322	L-ar	ASSY_THET8	Fu	9750	citr	1J1Z	1K97	1KOR	0.78 Sc=5.89649, min distance = 2.398030
ASSY_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KP2	2GNI	Sc=5.96825, min distance = 2.254330
ASSY_HUMAN	F1	6322	L-ar	ASSY_THET8	Fu	9750	citr	1J1Z	2N2Z	1KOR	0.78 Sc=5.89649, min distance = 2.637424
ASSY_THET8	F1	123831	N	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1KOR	7NSE	0.89 Sc=6.02895, min distance = 1.962634
ASSY_THET8	F1	123895	1h	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1KOR	5NSE	0.96 Sc=5.96212, min distance = 2.191270
ASSY_THET8	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	1J1Z	2UW5	Sc=6.12927, min distance = 2.434172
ASSY_THET8	F1	16122632		KAPCA_BOVIN	F1	5957	Aden	1Q24	1J1Z	2UVZ	Sc=6.37391, min distance = 2.141774
ASSY_THET8	F1	16122635		KAPCA_BOVIN	F1	5957	Aden	1Q24	1J1Z	2UW8	Sc=5.7236, min distance = 1.978789
ASSY_THET8	F1	1893	7-ni	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1KOR	1FOJ	Sc=5.74654, min distance = 1.498680
ASSY_THET8	F1	21826754		PYGM_RABIT	Fu	6083	aden	8GPB	1J20	3BD6	Sc=5.6324, min distance = 2.105531
ASSY_THET8	F1	24762195		KAPCA_BOVIN	F1	5957	Aden	1Q24	1J1Z	2VO0	Sc=6.30014, min distance = 1.882011
ASSY_THET8	F1	24851689		PIM1_HUMAN	Fu	6083	aden	1YXU	1J20	3CY2	Sc=6.17612, min distance = 2.188645
ASSY_THET8	F1	24905143		SRC_CHICK	Ful	6083	aden	3DQX	1J20	3EN7	Sc=6.27324, min distance = 1.732055
ASSY_THET8	F1	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1J20	1GFZ	Sc=5.80598, min distance = 2.200178
ASSY_THET8	F1	439202	L-	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1KOR	6NSE	Sc=5.80881, min distance = 1.963894
ASSY_THET8	F1	444288	CI	KARG_LIMPO	Fu	6322	L-ar	1M15	1KOR	1P52	Sc=5.79287, min distance = 2.259450
ASSY_THET8	F1	444564	AI	BIOD_ECOLI	Fu	5957	Aden	1A82	1J1Z	1BS1	0.91 Sc=5.91571, min distance = 1.376352
ASSY_THET8	F1	444797	Be	CBP2_WHEAT	Fu	6322	L-ar	1BCS	1KOR	1WHT	Sc=6.11588, min distance = 2.043856
ASSY_THET8	F1	445432	CI	SYQ_ECOLI	Ful	6083	aden	1ZJW	1J20	1QTQ	0.84 Sc=6.09757, min distance = 1.869512
ASSY_THET8	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	1J20	1WXE	0.91 Sc=6.33718, min distance = 2.117000
ASSY_THET8	F1	447181	VI	NOS1_RAT	Full	6322	L-ar	1OM4	1KOR	1MMW	0.78 Sc=6.07004, min distance = 1.821230
ASSY_THET8	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1J1Z	1ZTF	0.94 Sc=6.24707, min distance = 2.259739
ASSY_THET8	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	1J1Z	1Q8T	Sc=6.14764, min distance = 1.588130

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ASSY_THET8	F1	448895	Ad	UMP	K_YEAST	Fu	6083	aden	1UKZ	1J20	1UKY	0.99	Sc=5.93294, min distance = 2.494710
ASSY_THET8	F1	5326977	1	CSK2A	_MAIZE	F1	33113	gar	1LP4	1KOR	1ZOG		Sc=5.67883, min distance = 2.273216
ASSY_THET8	F1	6022	Ader	CLCN5	_HUMAN	F1	5957	Aden	2J9L	1J1Z	2JA3	0.99	Sc=6.40508, min distance = 1.252560
ASSY_THET8	F1	6022	Ader	DDL	_THET8	Fu	5957	Aden	2ZDQ	1J1Z	2ZDH	0.99	Sc=6.3757, min distance = 2.4758700
ASSY_THET8	F1	6022	Ader	FAK1	_HUMAN	Fu	5957	Aden	2IJM	1J1Z	1MP8	0.99	Sc=5.91441, min distance = 2.537794
ASSY_THET8	F1	6022	Ader	GLGS	_SOLTU	Fu	5957	Aden	1YP3	1J1Z	1YP4	0.99	Sc=6.35552, min distance = 1.958586
ASSY_THET8	F1	6022	Ader	PDXK	_SHEEP	Fu	5957	Aden	1LHR	1J1Z	1RFU	0.99	Sc=5.9586, min distance = 1.8613696
ASSY_THET8	F1	6022	Ader	PSPF	_ECOLI	Fu	6083	aden	2VII	1J20	2C98	0.99	Sc=5.95358, min distance = 1.810306
ASSY_THET8	F1	6022	Ader	PUR7	_METJA	Fu	5957	Aden	2Z02	1J1Z	2YZL	0.99	Sc=5.9208, min distance = 1.4399527
ASSY_THET8	F1	6022	Ader	PURP	_METJA	Fu	6083	aden	2R7M	1J20	2R7N	0.99	Sc=5.75369, min distance = 2.594496
ASSY_THET8	F1	6022	Ader	SKY1	_YEAST	Fu	5957	Aden	1Q97	1J1Z	1Q8Y	0.99	Sc=5.92286, min distance = 2.059892
ASSY_THET8	F1	6076	Cycl	PDE10	_HUMAN	F1	6083	aden	2OUN	1J20	2OUR	0.99	Sc=6.30124, min distance = 2.030820
ASSY_THET8	F1	60961	ade	SYQ	_ECOLI	Fu	5957	Aden	1GTR	1J1Z	100B	0.94	Sc=6.28604, min distance = 2.217085
ASSY_THET8	F1	6102784	Z	PSPF	_ECOLI	Fu	6083	aden	2VII	1J20	2C99	0.97	Sc=5.98679, min distance = 2.066040
ASSY_THET8	F1	6176	Cyti	PYRI	_ECOLI	Fu	5957	Aden	7AT1	1J1Z	2FZC		Sc=6.37561, min distance = 1.518460
ASSY_THET8	F1	6274	hist	ARGT	_SALTY	Fu	6322	L-ar	1LAF	1KOR	1LAG		Sc=5.83983, min distance = 2.706429
ASSY_THET8	F1	6419789	C	HASP	_HUMAN	Fu	6083	aden	3DLZ	1J20	3E7V		Sc=6.29556, min distance = 1.826224
ASSY_THET8	F1	656964	1y	PDE4D	_HUMAN	F1	6083	aden	1TB7	1J20	1Y2C		Sc=5.94462, min distance = 1.904780
ASSY_THET8	F1	656966	1y	PDE4D	_HUMAN	F1	6083	aden	1TB7	1J20	1Y2E		Sc=6.08183, min distance = 1.960346
ASSY_THET8	F1	656968	1y	PDE4B	_HUMAN	F1	6083	aden	1ROR	1J20	1Y2H		Sc=5.973, min distance = 1.88836276
ASSY_THET8	F1	6804	guar	PDE10	_HUMAN	F1	6083	aden	2OUN	1J20	2OUQ	0.8	Sc=5.90232, min distance = 0
ASSY_THET8	F1	6914614	p	KAPCA	_BOVIN	F1	5957	Aden	1Q24	1J1Z	2F7Z		Sc=6.41552, min distance = 2.252030
ASSY_THET8	F1	8582	Inos	PURA1	_MOUSE	F1	6083	aden	1MF0	1J20	1IWE	0.79	Sc=5.94201, min distance = 0.951012
ASSY_THET8	F1	8977	ldar	NDK	_THET8	Fu	5957	Aden	1WKL	1J1Z	1WKK	0.8	Sc=5.98641, min distance = 1.768265
ASSY_THET8	F1	9085	homc	NOS3	_BOVIN	Fu	6322	L-ar	4NSE	1KOR	1DM7	0.9	Sc=5.95314, min distance = 2.120710
ASSY_THET8	F1	91532	AME	INSR	_HUMAN	Fu	5957	Aden	3BU5	1J1Z	1I44	0.99	Sc=5.96167, min distance = 0.726659
ASSY_THET8	F1	91532	AME	SYK2	_ECOLI	Fu	5957	Aden	1E24	1J1Z	1E22	0.99	Sc=6.00691, min distance = 1.995796
ASSY_THET8	F1	91557	1tr	BLS	_STRCL	Fu	6083	aden	1MC1	1J20	1JGT	0.97	Sc=6.03178, min distance = 2.220000
ATGT_PYRHO	F1	100684	9-	TGT	_ZYMMO	Fu	446357	7-	1P0B	1IT8	1Q2R	28.41	Sc=5.87327, min distance = 2.534106
ATGT_PYRHO	F1	100684	9-	TGT	_ZYMMO	Fu	764	guani	2PWU	1IT7	1Q2R	28.41	Sc=5.85754, min distance = 2.491660
ATGT_PYRHO	F1	108714	9-	URIC	_ASPFL	Fu	764	guani	1XT4	1IT7	1R4S		Sc=5.93455, min distance = 2.485336
ATGT_PYRHO	F1	11287125		TGT	_ZYMMO	Fu	446357	7-	1P0B	1IT8	2BBF	28.41	Sc=6.19015, min distance = 2.336942
ATGT_PYRHO	F1	1188	xant	XGPT	_ECOLI	Fu	764	guani	1A95	1IT7	1A96	0.92	Sc=5.83226, min distance = 2.710610
ATGT_PYRHO	F1	15113	Xar	URIC	_ASPFL	Fu	764	guani	1XT4	1IT7	2IBA		Sc=5.78752, min distance = 2.773597
ATGT_PYRHO	F1	16758215		TGT	_ZYMMO	Fu	446357	7-	1P0B	1IT8	2PWV	28.41	Sc=6.03149, min distance = 2.657307
ATGT_PYRHO	F1	16758215		TGT	_ZYMMO	Fu	764	guani	2PWU	1IT7	2PWV	28.41	Sc=6.02019, min distance = 2.637490
ATGT_PYRHO	F1	242831	2-	TGT	_ZYMMO	Fu	446357	7-	1P0B	1IT8	1S39	28.41	Sc=5.96192, min distance = 2.713874

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ATGT_PYRHO	F1	242831	2	TGT_ZYMMO	Ful	764	guani	2PWU	1IT7	1S39	28.41	Sc=5.93349, min distance = 2.545876
ATGT_PYRHO	F1	24741806		TGT_ZYMMO	Ful	446357	7-	1P0B	1IT8	2Z7K	28.41	Sc=6.19713, min distance = 2.274395
ATGT_PYRHO	F1	24741806		TGT_ZYMMO	Ful	764	guani	2PWU	1IT7	2Z7K	28.41	Sc=6.17753, min distance = 2.031564
ATGT_PYRHO	F1	445390	CI	TGT_ZYMMO	Ful	446357	7-	1P0B	1IT8	1ENU	28.41	Sc=6.0599, min distance = 2.2508245
ATGT_PYRHO	F1	445497	CI	TGT_ZYMMO	Ful	446357	7-	1P0B	1IT8	1F3E	28.41	Sc=6.12964, min distance = 2.215216
ATGT_PYRHO	F1	448010	1c	TGT_ZYMMO	Ful	446357	7-	1P0B	1IT8	1R5Y	28.41	Sc=6.05555, min distance = 2.087695
ATGT_PYRHO	F1	448488	1s	TGT_ZYMMO	Ful	446357	7-	1P0B	1IT8	1S38	28.41	Sc=6.01577, min distance = 2.528787
ATGT_PYRHO	F1	448488	1s	TGT_ZYMMO	Ful	764	guani	2PWU	1IT7	1S38	28.41	Sc=5.99636, min distance = 2.499675
ATGT_PYRHO	F1	5287547	6	PURR_ECOLI	Fu	764	guani	1WET	1IT7	2PUA		Sc=5.74009, min distance = 2.558083
ATGT_PYRHO	F1	5326622	0	URIC_ASPFL	Fu	764	guani	1XT4	1IT7	3BJP		Sc=5.88294, min distance = 2.434548
ATGT_PYRHO	F1	5326930	5	TGT_ZYMMO	Ful	446357	7-	1P0B	1IT8	1Y5X	28.41	Sc=6.51401, min distance = 2.048017
ATGT_PYRHO	F1	76726	5,6	URIC_ASPFL	Fu	764	guani	1XT4	1IT7	1WS2		Sc=5.727, min distance = 2.52553717
ATGT_PYRHO	F1	8646	Guar	PNPH_HUMAN	Fu	764	guani	1V2H	1IT7	1V41		Sc=5.77524, min distance = 2.629669
ATLE_AGRAE	F1	440552	1k	LECA_ARTIN	Fu	439353	be	1UGX	1WW6	1UH1		Sc=5.83941, min distance = 2.679142
ATPA1_BOVIN	I	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2V7Q	2UVY		Sc=6.10197, min distance = 2.738410
ATPA1_BOVIN	I	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2V7Q	2VNW		Sc=6.07469, min distance = 2.747810
ATPA1_BOVIN	I	1400	nche	HCK_HUMAN	Ful	33113	gar	1AD5	2JDI	1QCF		Sc=6.22073, min distance = 1.727658
ATPA1_BOVIN	I	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	2JDI	2OXD		Sc=5.65416, min distance = 2.679895
ATPA1_BOVIN	I	24779678		CSK2A_MAIZE	F1	33113	gar	1LP4	2JDI	2PVM		Sc=6.05529, min distance = 2.291272
ATPA1_BOVIN	I	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2V7Q	1Q8W		Sc=5.92628, min distance = 2.011188
ATPA1_BOVIN	I	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2JDI	2ESM		Sc=5.88549, min distance = 2.325363
ATPA1_BOVIN	I	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2V7Q	1BS1	0.91	Sc=6.39408, min distance = 2.389860
ATPA1_BOVIN	I	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	2JDI	1W9I	0.91	Sc=5.9855, min distance = 2.6720510
ATPA1_BOVIN	I	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2V7Q	1W9I	0.91	Sc=6.40759, min distance = 0
ATPA1_BOVIN	I	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	2V7Q	1LVK		Sc=5.9654, min distance = 0
ATPA1_BOVIN	I	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2JDI	2ETR		Sc=6.16716, min distance = 1.443037
ATPA1_BOVIN	I	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	2JDI	3D9V		Sc=6.0221, min distance = 1.8105894
ATPA1_BOVIN	I	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2V7Q	1YDR		Sc=5.87641, min distance = 1.972629
ATPA1_BOVIN	I	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2JDI	1ZOE		Sc=5.74615, min distance = 2.237759
ATPA1_BOVIN	I	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2JDI	1ZOG		Sc=5.60481, min distance = 1.903973
ATPA1_BOVIN	I	6083	ader	AAKG1_RAT	Ful	5957	Aden	2V92	2V7Q	2V8Q	0.98	Sc=6.29766, min distance = 1.981800
ATPA1_BOVIN	I	6083	ader	ENTP2_RAT	Ful	33113	gar	3CJA	2JDI	3CJ7	0.97	Sc=6.29104, min distance = 2.432433
ATPA1_BOVIN	I	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2JDI	1XQS	0.97	Sc=6.32842, min distance = 2.298886
ATPA1_BOVIN	I	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2V7Q	2J9D	0.98	Sc=5.82976, min distance = 1.865892
ATPA1_BOVIN	I	60961	ade	SYQ_ECOLI	Ful	5957	Aden	1GTR	2V7Q	100B	0.94	Sc=5.78365, min distance = 2.341807
ATPA1_BOVIN	I	6338561	0	MYS2_DICDI	Fu	5957	Aden	1FMW	2V7Q	1D0X		Sc=6.18066, min distance = 0
ATPA1_BOVIN	I	6338562	0	MYS2_DICDI	Fu	5957	Aden	1FMW	2V7Q	1D0Y		Sc=6.18376, min distance = 0

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ATPA1_BOVIN	1	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	2V7Q	1DAG	0.99	Sc=6.4648, min distance = 2.367389
ATPA1_BOVIN	1	91532	AME	INSR_HUMAN	Fu	5957	Aden	3BU5	2V7Q	1I44	0.99	Sc=6.05096, min distance = 2.150685
ATPA1_BOVIN	1	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	2JDI	1KJI	0.99	Sc=6.06718, min distance = 1.459878
ATPA_RAT	Fu	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1MAB	2UVY		Sc=5.99761, min distance = 2.141398
ATPA_RAT	Fu	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1MAB	2VNW		Sc=5.9354, min distance = 2.7606256
ATPA_RAT	Fu	447840	CI	PHKG1_RABIT	Fu	5957	Aden	1QL6	1MAB	1PHK		Sc=5.66514, min distance = 2.582360
ATPA_RAT	Fu	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1MAB	2R85	0.98	Sc=5.80817, min distance = 2.217727
ATPA_THEMA	Fu	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2R9V	2UVY		Sc=6.09154, min distance = 2.662646
ATPA_THEMA	Fu	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2R9V	2VNW		Sc=6.05018, min distance = 2.610400
ATPA_THEMA	Fu	16231	AMI	UROK_HUMAN	Fu	8200	TETR	2O8U	2R9V	1F5L		Sc=5.67712, min distance = 2.359512
ATPA_THEMA	Fu	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2R9V	1YDS		Sc=5.7897, min distance = 2.1237667
ATPA_THEMA	Fu	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2R9V	1Q8W		Sc=5.89227, min distance = 2.072870
ATPA_THEMA	Fu	36735	Gpp	Q9RVK2_DEIRA	I	5957	Aden	1SU2	2R9V	1SZ3	0.8	Sc=5.99947, min distance = 2.095900
ATPA_THEMA	Fu	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	2R9V	1COW	0.91	Sc=6.47139, min distance = 2.177760
ATPA_THEMA	Fu	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2R9V	1YDR		Sc=5.86061, min distance = 2.142927
ATPA_THEMA	Fu	6022	Ader	ARSA1_ECOLX	Fu	5957	Aden	1II0	2R9V	1IHU	0.99	Sc=6.39549, min distance = 2.545589
ATPA_THEMA	Fu	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	2R9V	1DAD	0.99	Sc=6.0266, min distance = 2.5858698
ATPA_THEMA	Fu	6022	Ader	HSP7F_YEAST	Fu	5957	Aden	3D2F	2R9V	3C7N	0.99	Sc=6.01522, min distance = 2.288992
ATPA_THEMA	Fu	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2R9V	1OH7	0.99	Sc=6.03877, min distance = 2.488609
ATPA_THEMA	Fu	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	2R9V	3ETJ	0.99	Sc=6.37786, min distance = 2.487029
ATPA_THEMA	Fu	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	2R9V	2BEJ	0.99	Sc=6.02948, min distance = 2.634780
ATPA_THEMA	Fu	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2R9V	2J9D	0.99	Sc=6.37893, min distance = 1.639604
ATPA_THEMA	Fu	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2R9V	2J9D	0.98	Sc=5.82651, min distance = 1.972178
ATPA_THEMA	Fu	6338561	C	MYS2_DICDI	Fu	5957	Aden	1FMW	2R9V	1D0X		Sc=6.15821, min distance = 0
ATPA_THEMA	Fu	91532	AME	INSR_HUMAN	Fu	5957	Aden	3BU5	2R9V	1I44	0.99	Sc=6.04483, min distance = 2.029579
ATPA_THEMA	Fu	91532	AME	NIFH1_AZOVI	Fu	5957	Aden	2C8V	2R9V	2AFK	0.99	Sc=6.14514, min distance = 2.374000
ATPA_YEAST	Fu	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	2HLD	2OXD		Sc=5.63148, min distance = 2.654609
ATPA_YEAST	Fu	24779674		CSK2A_MAIZE	Fu	33113	gar	1LP4	2HLD	2PVH		Sc=6.10623, min distance = 2.193430
ATPA_YEAST	Fu	3064778	H	ROCK1_HUMAN	Fu	33113	gar	2V55	2HLD	2ETK		Sc=6.08984, min distance = 1.754059
ATPA_YEAST	Fu	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	2HLD	2ESM		Sc=5.84496, min distance = 1.999226
ATPA_YEAST	Fu	444564	AI	MYS2_DICDI	Fu	33113	gar	1MMN	2HLD	1W9I	0.91	Sc=6.03955, min distance = 2.514058
ATPA_YEAST	Fu	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	2HLD	2ETR		Sc=6.14361, min distance = 2.055192
ATPA_YEAST	Fu	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2HLD	2ERZ		Sc=6.10086, min distance = 1.800872
ATPA_YEAST	Fu	6083	ader	Q6L8F0_THETH	I	33113	gar	1V25	2HLD	1V26	0.97	Sc=5.79679, min distance = 2.084670
ATPB_BOVIN	Fu	1400	nche	HCK_HUMAN	Fu	33113	gar	1AD5	2JDI	1QCF		Sc=6.29006, min distance = 2.275330
ATPB_BOVIN	Fu	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CK3	1H1Q		Sc=6.29397, min distance = 2.035362
ATPB_BOVIN	Fu	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	2JDI	2OXD		Sc=5.73038, min distance = 2.533660

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ATPB_BOVIN	F1	188966	dZ	HSLU_ECOLI	Fu	33113	gar1E94	2JDI	1G4A	0.97	Sc=5.9442, min distance = 2.309852
ATPB_BOVIN	F1	188966	dZ	PAPS1_HUMAN	F1	6022	Aden 1X6V	2CK3	2PEZ	0.98	Sc=5.9266, min distance = 2.281785
ATPB_BOVIN	F1	24779675		CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	2PVJ		Sc=6.35842, min distance = 2.09427
ATPB_BOVIN	F1	24779676		CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	2PVK		Sc=6.36494, min distance = 2.15924
ATPB_BOVIN	F1	24779677		CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	2PVL		Sc=6.28446, min distance = 2.13541
ATPB_BOVIN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar 2V55	2JDI	2ESM		Sc=5.7673, min distance = 2.267712
ATPB_BOVIN	F1	440317	AT	FTSK_PSEAE	Fu	6022	Aden 2IUU	2CK3	2IUT	0.99	Sc=5.73121, min distance = 2.26453
ATPB_BOVIN	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden 1DAD	2CK3	1BS1	0.91	Sc=5.67454, min distance = 2.23065
ATPB_BOVIN	F1	444564	AD	MYS2_DICDI	Fu	33113	gar 1MMN	2JDI	1W9I	0.91	Sc=5.68261, min distance = 2.29862
ATPB_BOVIN	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden 1VOM	2CK3	1W9I	0.91	Sc=5.66539, min distance = 2.30640
ATPB_BOVIN	F1	447052	CI	CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	1M2R		Sc=6.34712, min distance = 2.39582
ATPB_BOVIN	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	1OI9		Sc=6.36887, min distance = 2.08789
ATPB_BOVIN	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	1OIU		Sc=6.29307, min distance = 2.11397
ATPB_BOVIN	F1	447962	1p	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	2C5N		Sc=6.21543, min distance = 1.63388
ATPB_BOVIN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	1H1R		Sc=6.34884, min distance = 2.51464
ATPB_BOVIN	F1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	1H1S		Sc=6.3012, min distance = 2.151954
ATPB_BOVIN	F1	5149739	2	CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	2OXY		Sc=5.60151, min distance = 2.37071
ATPB_BOVIN	F1	5326739	1	GSK3B_HUMAN	F1	33113	gar 1J1B	2JDI	1Q41		Sc=6.30549, min distance = 1.55583
ATPB_BOVIN	F1	5326739	1	GSK3B_HUMAN	F1	6022	Aden 1J1C	2CK3	1Q41		Sc=6.32019, min distance = 2.08251
ATPB_BOVIN	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	1ZOE		Sc=5.77241, min distance = 2.06760
ATPB_BOVIN	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	1ZOG		Sc=5.65339, min distance = 2.04855
ATPB_BOVIN	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar 1LP4	2JDI	1ZOH		Sc=5.66786, min distance = 2.26917
ATPB_BOVIN	F1	6338561	C	MYS2_DICDI	Fu	6022	Aden 1VOM	2CK3	1D0X		Sc=6.16624, min distance = 2.14547
ATPB_BOVIN	F1	6420139	C	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	2C5V		Sc=6.20108, min distance = 1.35160
ATPB_BOVIN	F1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden 1DAD	2CK3	1DAG	0.99	Sc=5.75507, min distance = 2.36760
ATPB_BOVIN	F1	9547890	1	CDK2_HUMAN	Fu	6022	Aden 1GY3	2CK3	1W8C		Sc=6.14957, min distance = 2.05904
ATPB_RAT	Ful	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden 1GY3	1MAB	1H1R		Sc=6.08416, min distance = 1.86945
ATPB_RAT	Ful	91532	AMF	BIOD_ECOLI	Fu	6022	Aden 1DAD	1MAB	1DAG	0.99	Sc=6.05217, min distance = 2.01718
ATPB_RAT	Ful	9547890	1	CDK2_HUMAN	Fu	6022	Aden 1GY3	1MAB	1W8C		Sc=5.88621, min distance = 3.01764
ATPB_YEAST	F1	16750062		CSK2A_MAIZE	F1	33113	gar 1LP4	2HLD	2OXD		Sc=5.7338, min distance = 2.216163
ATPB_YEAST	F1	24779674		CSK2A_MAIZE	F1	33113	gar 1LP4	2HLD	2PVH		Sc=6.22967, min distance = 2.48767
ATPB_YEAST	F1	24779675		CSK2A_MAIZE	F1	33113	gar 1LP4	2HLD	2PVJ		Sc=6.3487, min distance = 2.357783
ATPB_YEAST	F1	24779676		CSK2A_MAIZE	F1	33113	gar 1LP4	2HLD	2PVK		Sc=6.40725, min distance = 2.36748
ATPB_YEAST	F1	24779677		CSK2A_MAIZE	F1	33113	gar 1LP4	2HLD	2PVL		Sc=6.34032, min distance = 2.34453
ATPB_YEAST	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar 2V55	2HLD	2ESM		Sc=5.7673, min distance = 2.576983
ATPB_YEAST	F1	447052	CI	CSK2A_MAIZE	F1	33113	gar 1LP4	2HLD	1M2R		Sc=6.33044, min distance = 2.09585
ATPB_YEAST	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar 2V55	2HLD	2ETR		Sc=6.17552, min distance = 1.75707

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ATPB_YEAST	F1	5149739	2	CSK2A_MAIZE	F1	33113	gar	1LP4	2HLD	2OXY			Sc=5.60848, min distance = 2.17524
ATPB_YEAST	F1	5326739	1	GSK3B_HUMAN	F1	33113	gar	1J1B	2HLD	1Q41			Sc=6.30199, min distance = 1.68716
ATPB_YEAST	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2HLD	1ZOG			Sc=5.67711, min distance = 1.98287
ATPB_YEAST	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2HLD	1ZOH			Sc=5.67079, min distance = 2.07627
ATPB_YEAST	F1	91532	AME	KIF1A_MOUSE	F1	33113	gar	1VFV	2HLD	1I6I	0.99		Sc=5.60132, min distance = 1.97439
ATPE_GEOKA	F1	17754396		PDPK1_HUMAN	F1	5957	Aden	2BIY	2E5Y	2R7B			Sc=6.34386, min distance = 2.13096
ATPE_GEOKA	F1	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	2E5Y	1KJJ	0.99		Sc=6.37677, min distance = 1.75411
ATPE_GEOKA	F1	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2E5Y	1W9I	0.91		Sc=6.32569, min distance = 0
ATPE_GEOKA	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	2E5Y	1PHK			Sc=5.95112, min distance = 2.07719
ATPE_GEOKA	F1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	2E5Y	2ZDH	0.99		Sc=6.33916, min distance = 2.09994
ATPE_GEOKA	F1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	2E5Y	1MP8	0.99		Sc=5.89975, min distance = 2.24576
ATPE_GEOKA	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2E5Y	1OH7	0.99		Sc=6.37273, min distance = 1.74379
ATPE_GEOKA	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	2E5Y	3ETJ	0.99		Sc=6.37893, min distance = 2.08686
ATPE_GEOKA	F1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	2E5Y	2R7N	0.99		Sc=5.89487, min distance = 1.85408
ATPE_GEOKA	F1	6022	Ader	VPS4B_MOUSE	F1	5957	Aden	2ZAN	2E5Y	2ZAO	0.99		Sc=6.35332, min distance = 2.11248
ATPE_GEOKA	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2E5Y	2J9D	0.99		Sc=6.37893, min distance = 2.30723
ATPE_GEOKA	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2E5Y	2V8Q	0.98		Sc=6.29641, min distance = 2.02700
ATPE_GEOKA	F1	6133	uric	Q381M1_9TRYP	I	5957	Aden	2Q0D	2E5Y	2IKF			Sc=5.79206, min distance = 2.27008
ATPE_GEOKA	F1	6176	Cyti	Q381M1_9TRYP	I	5957	Aden	2Q0D	2E5Y	2Q0C			Sc=5.77664, min distance = 2.21960
ATPE_GEOKA	F1	6830	guar	Q381M1_9TRYP	I	5957	Aden	2Q0D	2E5Y	2Q0E	0.8		Sc=5.94057, min distance = 2.43511
ATPE_GEOKA	F1	91532	AME	PURT_ECOLI	Fu	5957	Aden	1KJ8	2E5Y	1KJI	0.99		Sc=6.10123, min distance = 2.01749
ATPE_GEOKA	F1	91532	AME	Q5SJV7_THET8	I	5957	Aden	2Z08	2E5Y	2Z09	0.99		Sc=6.41788, min distance = 1.93713
ATPG_BOVIN	F1	10831270		TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	3CN3			Sc=5.65312, min distance = 2.33861
ATPG_BOVIN	F1	1184681	C	TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	3CN4			Sc=5.9395, min distance = 2.241295
ATPG_BOVIN	F1	119346	3,	TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	2GAB			Sc=5.61177, min distance = 0
ATPG_BOVIN	F1	177880	2	TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	2G9K			Sc=5.6137, min distance = 0
ATPG_BOVIN	F1	20284644		TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	2QGC			Sc=5.80277, min distance = 2.70949
ATPG_BOVIN	F1	23722943		TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	2QGD			Sc=5.78311, min distance = 2.38212
ATPG_BOVIN	F1	23722944		TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	2QGE			Sc=5.77341, min distance = 2.08366
ATPG_BOVIN	F1	25011739		TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	3CN0	0.79		Sc=5.67526, min distance = 0
ATPG_BOVIN	F1	25011740		TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	3CN1			Sc=5.63166, min distance = 0
ATPG_BOVIN	F1	97032	1g3	TTHY_HUMAN	Fu	445154	re	1DVS	2JIZ	2G5U			Sc=5.79174, min distance = 0
AVID_CHICK	F1	11184136		SAV_STRAV	Fu	446236	BI	1RXJ	1IJ8	1SWP	42.25		Sc=6.11111, min distance = 1.41369
AVID_CHICK	F1	11184136		SAV_STRAV	Fu	446903	NC	1LCV	1LDO	1SWP	42.25	0.99	Sc=6.21024, min distance = 0.68626
AVID_CHICK	F1	11184136		SAV_STRAV	Fu	446905	Bi	1LCZ	1LEL	1SWP	42.25	0.94	Sc=6.04471, min distance = 1.86327
AVID_CHICK	F1	5326799	1	SAV_STRAV	Fu	171548	bi	2F01	2JGS	1SRI	42.25		Sc=6.28879, min distance = 1.15202
AVID_CHICK	F1	5326800	C	SAV_STRAV	Fu	446904	HC	1LCW	1LDQ	1SRJ	42.25		Sc=6.16039, min distance = 2.13392

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AVID_CHICK	F1	5326800	CD	SAV_STRAV	Ful	446905	Bi	1LCZ	1LEL	1SRJ	42.25		Sc=6.13209, min distance = 2.561111
AVR2_CHICK	F1	446903	NO	AVID_CHICK	Fu	171548	bi	2JGS	1WBI	1LDO	0.99		Sc=6.13005, min distance = 1.586012
AVR4_CHICK	F1	11184136		SAV_STRAV	Ful	446236	BI	1RXJ	2FHL	1SWP	32.5		Sc=6.16421, min distance = 1.945082
AVR4_CHICK	F1	24771754		SAV_STRAV	Ful	446236	BI	1RXJ	2FHL	2QCB	32.5	0.78	Sc=6.05845, min distance = 2.877062
AVR4_CHICK	F1	446903	NO	SAV_STRAV	Ful	171548	bi	2F01	1Y55	1LCV	32.5	0.99	Sc=6.09696, min distance = 2.517041
AVR4_CHICK	F1	5326799	1	SAV_STRAV	Ful	171548	bi	2F01	1Y55	1SRI	32.5		Sc=6.36264, min distance = 1.463859
AVRB_PSESG	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2NUN	1BS1	0.91		Sc=6.36326, min distance = 2.495022
AVRB_PSESG	F1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2NUN	1GZ8			Sc=6.14213, min distance = 1.859889
AVRB_PSESG	F1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2NUN	1H0V			Sc=6.28916, min distance = 1.703619
AVRB_PSESG	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2NUN	1ZTF	0.95		Sc=6.19342, min distance = 2.183050
AVRB_PSESG	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2NUN	1PXI			Sc=5.73641, min distance = 1.661499
AVRB_PSESG	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2NUN	1E1V			Sc=6.21643, min distance = 2.051888
AVRB_PSESG	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2NUN	1A82	0.99		Sc=5.9565, min distance = 2.379417
AVRB_PSESG	F1	6031	Uric	O33839_THEMEA	1	6022	Aden	1XJK	2NUN	1XJG			Sc=6.27635, min distance = 2.144990
AVRB_PSESG	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2NUN	2VII	0.99		Sc=6.24892, min distance = 2.622474
AVRB_PSESG	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2NUN	1FMO	0.95		Sc=6.17038, min distance = 2.614397
AVRB_PSESG	F1	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	2NUN	2DXF	0.8		Sc=6.27374, min distance = 2.616359
AVRB_PSESG	F1	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	2NUN	3EJ1			Sc=6.21059, min distance = 1.605761
AVRB_PSESG	F1	8977	1dar	O33839_THEMEA	1	6022	Aden	1XJK	2NUN	1XJE	0.8		Sc=6.39909, min distance = 2.192717
AVRB_PSESG	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	2NUN	2CVW	0.8		Sc=5.96144, min distance = 2.063461
AVRB_PSESG	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2NUN	1DAG	0.99		Sc=6.00612, min distance = 2.180977
AVRB_PSESG	F1	91532	AME	DNAA_AQUAE	Fu	6022	Aden	1L8Q	2NUN	2HCB	0.99		Sc=6.02682, min distance = 1.866611
AVRB_PSESG	F1	91532	AME	PURP_METJA	Fu	6022	Aden	2R7N	2NUN	2R7K	0.99		Sc=6.43999, min distance = 2.051500
AZOR1_PSEAE	1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	2V9C	1JRB			Sc=6.17046, min distance = 2.285629
AZOR1_PSEAE	1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2V9C	1LTD	0.77		Sc=6.1699, min distance = 1.903672
AZOR1_PSEAE	1	5326566	1	Q9WZW1_THEMEA	1	444243	FA	1T6Y	2V9C	1S4M	0.82		Sc=6.19239, min distance = 1.526591
AZOR_ECOLI	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2Z98	1LTD	0.77		Sc=6.17046, min distance = 2.400947
AZOR_ECOLI	F1	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	2Z98	1SZG	0.76		Sc=6.17046, min distance = 2.229691
AZOR_ENTFA	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2HPV	1LTD	0.77		Sc=6.54697, min distance = 2.366550
AZOR_ENTFA	F1	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	2HPV	1SZG	0.76		Sc=6.10821, min distance = 1.644731
AZOR_SALTY	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1T5B	1LTD	0.77		Sc=6.1699, min distance = 2.317846
AZOR_SALTY	F1	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1T5B	1SZG	0.76		Sc=6.16935, min distance = 2.264331
AZOR_SALTY	F1	9547941	4	NOS1_RAT	Full	444243	FA	1TLL	1T5B	2G6J			Sc=5.68725, min distance = 0.589831
AZR_BACSU	Fu	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	1NNI	1JRB			Sc=6.16754, min distance = 1.953201
AZR_BACSU	Fu	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1NNI	1LTD	0.77		Sc=6.16518, min distance = 1.994222
AZR_BACSU	Fu	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1NNI	1SZG	0.76		Sc=6.15992, min distance = 2.022650
AZR_BACSU	Fu	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	1NNI	1HE5	0.82		Sc=6.1479, min distance = 2.147101

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B2LA1_MOUSE	1	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	2VOH	1IIH		Sc=5.68695, min distance = 1.173934
B2LA1_MOUSE	1	445905	1c	AROQ_HELPY	Fu	311	citri	2C4V	2VOH	2C57		Sc=5.81931, min distance = 2.170901
B2LA1_MOUSE	1	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	2VOH	4TIM		Sc=5.67814, min distance = 1.424199
B2LA1_MOUSE	1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	2VOH	1YBA	0.76	Sc=5.6826, min distance = 1.1311768
B3GA1_HUMAN	1	17473	UDE	B3GA3_HUMAN	Fu	6031	Urid	3CU0	1V84	1KWS	0.78	Sc=6.6449, min distance = 2.4304631
B3GA1_HUMAN	1	185698	al	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1V84	1OVS		Sc=5.6304, min distance = 2.5755578
B3GA1_HUMAN	1	439357	ga	CGL2_COPCI	Fu	24139	ace	1ULD	1V84	1ULE		Sc=5.83694, min distance = 0.805329
B3GA1_HUMAN	1	445675	UI	EXTL2_MOUSE	Fu	6031	Urid	1ON8	1V84	1ON6	0.82	Sc=6.25404, min distance = 2.068556
B3GA1_HUMAN	1	445948	D-	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1V84	1OXC		Sc=5.65103, min distance = 2.444530
B3GA1_HUMAN	1	446996	GA	Q9HYN5_PSEAE	1	439353	be	1W8F	1V84	1W8H	0.89	Sc=5.67966, min distance = 2.076102
B3GA1_HUMAN	1	448295	4-	BGAT_HUMAN	Fu	6031	Urid	1LZJ	1V84	1R7Y		Sc=6.14805, min distance = 1.819301
B3GA1_HUMAN	1	448923	2a	MGAT1_RABIT	Fu	6031	Urid	2AM5	1V84	2AM4	0.87	Sc=6.15558, min distance = 2.495712
B3GA1_HUMAN	1	449462	2-	LEG7_HUMAN	Fu	439353	be	4GAL	1V84	3GAL		Sc=5.78908, min distance = 2.213020
B3GA1_HUMAN	1	6030	Urid	GLMU_HAEIN	Fu	6031	Urid	2V0K	1V84	2V0J	0.99	Sc=6.29236, min distance = 2.389800
B3GA1_HUMAN	1	6030	Urid	O87988_BORBR	1	6031	Urid	2PZM	1V84	2PZL	0.99	Sc=6.29325, min distance = 2.454949
B3GA1_HUMAN	1	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	1V84	2BNE	0.99	Sc=6.30415, min distance = 1.908598
B3GA1_HUMAN	1	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	1V84	2PO2	0.83	Sc=5.9071, min distance = 2.1042761
B3GA1_HUMAN	1	6420194	N	B4GT1_BOVIN	Fu	24139	ace	1NMM	1V84	2FYD		Sc=5.99137, min distance = 2.325641
B3GA3_HUMAN	1	16058615		LYSC_CHICK	Fu	439353	be	1UC0	3CU0	2H9J		Sc=5.91201, min distance = 2.133629
B3GA3_HUMAN	1	445675	UI	EXTL2_MOUSE	Fu	6031	Urid	1ON8	3CU0	1ON6	0.82	Sc=5.96453, min distance = 1.864202
B3GA3_HUMAN	1	448923	2a	MGAT1_RABIT	Fu	6031	Urid	2AM5	3CU0	2AM4	0.87	Sc=6.29338, min distance = 2.238484
B3GA3_HUMAN	1	4495	nime	TRFL_BOVIN	Fu	439353	be	2DWJ	3CU0	3E9X		Sc=5.79431, min distance = 2.279678
B3GA3_HUMAN	1	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	3CU0	2BNE	0.99	Sc=6.30651, min distance = 1.460567
B3GA3_HUMAN	1	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	3CU0	2PO2	0.83	Sc=6.35388, min distance = 2.202398
B3GA3_HUMAN	1	656981	CU	LYSC_CHICK	Fu	439353	be	1UC0	3CU0	1YIL		Sc=5.93105, min distance = 2.175214
B4GT1_BOVIN	1	23722946		BGAT_HUMAN	Fu	18068	Udp	2RJ7	1YRO	2RJ9	0.86	Sc=6.37157, min distance = 2.218564
B4GT1_BOVIN	1	439353	be	Q6PYX1_HUMAN	1	24139	ace	1CLY	1NMM	1S3K		Sc=5.74199, min distance = 2.173914
B4GT1_BOVIN	1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	1NMM	3BJM	0.91	Sc=5.97025, min distance = 2.490836
B4GT1_BOVIN	1	446578	1r	MBL2_RAT	Full	24139	ace	1KZD	1NMM	1RDI		Sc=5.67135, min distance = 2.292918
B4GT1_HUMAN	1	104904	Me	IGKC_MOUSE	Fu	24139	ace	3BZ4	2AGD	2AJZ		Sc=5.78142, min distance = 1.800431
B4GT1_HUMAN	1	440271	N-	HYSA_STRPN	Fu	24139	ace	1LXK	2AGD	1OJN	0.94	Sc=6.03588, min distance = 2.428526
BACE1_HUMAN	1	24901727		RHAMD_SALTY	Fu	444305	L-	3D46	2QP8	3CXO		Sc=5.6657, min distance = 2.5116418
BACH_HALSA	Fu	151008	N-	CPXB_BACME	Fu	985	palmi	1FAG	2JAF	1JPZ		Sc=6.20786, min distance = 2.248076
BACH_HALSA	Fu	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	2JAF	1BSO	0.83	Sc=5.7238, min distance = 2.7418010
BACH_HALSA	Fu	91486	Sph	POLG_POL1M	Fu	985	palmi	1HXS	2JAF	2PLV		Sc=6.15216, min distance = 2.093199
BADH_GADCA	Fu	446006	CI	O57693_THETE	1	5893	nadi	1UXT	1BPW	1UXU		Sc=5.89112, min distance = 2.290254
BADH_GADCA	Fu	6022	Ader	ALDH2_HUMAN	Fu	5893	nadi	1004	1BPW	1NZX		Sc=5.60152, min distance = 2.765232

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BADH_GADCA	Fu	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1BPW	2BJA	Sc=6.15835, min distance = 2.731156
BCAT2_HUMAN	1	164795	N	RBCMT_PEA	Ful	23831	HEP	1MLV	2HGX	2H2J	Sc=5.66309, min distance = 2.775066
BCKD_RAT	Ful	11963551		HSP82_YEAST	Fu	6022	Aden	1AMW	1GKZ	2IWS	Sc=6.18952, min distance = 2.263733
BCKD_RAT	Ful	11963552		HSP82_YEAST	Fu	6022	Aden	1AMW	1GKZ	2IWU	Sc=6.19822, min distance = 2.654193
BCKD_RAT	Ful	16058668		HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	2UWD	Sc=6.33512, min distance = 2.087853
BCKD_RAT	Ful	24832021		HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	2QG0	Sc=6.39776, min distance = 1.975933
BCKD_RAT	Ful	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	1GKZ	1B99	Sc=6.29542, min distance = 2.230969
BCKD_RAT	Ful	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1GKZ	1GZ8	Sc=6.16452, min distance = 2.055214
BCKD_RAT	Ful	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1GKZ	1HIY	0.97 Sc=5.98439, min distance = 2.030043
BCKD_RAT	Ful	447955	1H	CDK2_HUMAN	Fu	6022	Aden	1GY3	1GKZ	1PXI	Sc=5.71389, min distance = 2.248173
BCKD_RAT	Ful	5326934	1	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	1YC1	Sc=6.41141, min distance = 2.292116
BCKD_RAT	Ful	5326935	1	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	1YC4	Sc=6.2815, min distance = 2.2192696
BCKD_RAT	Ful	5327095	V	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	2BSM	Sc=6.40921, min distance = 2.211115
BCKD_RAT	Ful	5327103	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	2BYH	Sc=6.46064, min distance = 2.354663
BCKD_RAT	Ful	5327148	0	IPKA_RABIT	Fu	6022	Aden	1JBP	1GKZ	2ERZ	Sc=6.17552, min distance = 2.132980
BCKD_RAT	Ful	5403427	0	PDK4_HUMAN	Fu	6022	Aden	2ZKJ	1GKZ	2ZDX	Sc=6.24785, min distance = 2.090992
BCKD_RAT	Ful	6082103	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	2BT0	Sc=6.29358, min distance = 2.161683
BCKD_RAT	Ful	6082103	2	HSP82_YEAST	Fu	6022	Aden	1AMW	1GKZ	2BRC	Sc=6.32174, min distance = 2.441806
BCKD_RAT	Ful	6083	ader	SRC_CHICK	Ful	440317	AT	3DQW	1GJV	3DQX	0.97 Sc=6.3137, min distance = 2.5213960
BCKD_RAT	Ful	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1GKZ	1FMO	0.95 Sc=6.17404, min distance = 2.148198
BCKD_RAT	Ful	6102788	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1GKZ	2CCT	Sc=6.36921, min distance = 2.022392
BCKD_RAT	Ful	6132	Cyti	O33839_THEMEA	1	6022	Aden	1XJK	1GKZ	1XJN	Sc=6.3296, min distance = 1.8288563
BCKD_RAT	Ful	6323491	M	PDK3_HUMAN	Fu	6022	Aden	1Y80	1GKZ	2Q8I	Sc=6.29556, min distance = 2.453554
BCKD_RAT	Ful	6323491	M	TOP6B_SULSH	Fu	6022	Aden	1Z5B	1GKZ	2HKJ	Sc=6.30745, min distance = 2.181378
BCKD_RAT	Ful	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1GKZ	2DXF	0.8 Sc=5.60973, min distance = 2.488106
BCKD_RAT	Ful	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1GKZ	1QYE	0.89 Sc=6.0852, min distance = 2.6108605
BCKD_RAT	Ful	8977	1dar	NDK_PYRHO	Ful	6022	Aden	2DYA	1GKZ	2DXE	0.8 Sc=5.696, min distance = 2.23804693
BCKD_RAT	Ful	9543433	T	NDKC_DICDI	Fu	6022	Aden	1KDN	1GKZ	1F6T	Sc=6.36095, min distance = 2.036333
BDH2_HUMAN	Fu	15942665		INHA_MYCTU	Fu	5893	nadi	2H7I	2AG5	2H9I	0.88 Sc=6.87316, min distance = 2.072994
BDH2_HUMAN	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2AG5	1UDB	0.79 Sc=6.74575, min distance = 2.308623
BDH2_HUMAN	Fu	447049	0A	NPD_THEMEA	Ful	5893	nadi	2H4H	2AG5	2H4J	Sc=6.16854, min distance = 2.146640
BDH2_HUMAN	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	2AG5	2NV6	0.93 Sc=6.85254, min distance = 2.430004
BDH2_HUMAN	Fu	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	2AG5	2BJA	Sc=6.24562, min distance = 2.332493
BEV1L_BETVE	1	5881	Dehy	SDIS_PSEPU	Fu	222528	DE	1E3V	1FM4	1E3R	Sc=5.87732, min distance = 1.654376
BFRA_THEMEA	Fu	446944	CI	MIF_HUMAN	Ful	311	citri	1GD0	1W2T	1LJT	Sc=5.76549, min distance = 2.266150
BFRA_THEMEA	Fu	448573	FI	CASP7_HUMAN	Fu	311	citri	2QL9	1W2T	1SHL	Sc=5.77977, min distance = 2.637646
BGAL_ECOLI	Fu	15942683		FCN3_HUMAN	Fu	439353	be	2J5Z	1JZ7	2J60	0.77 Sc=5.67725, min distance = 2.249426

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BGAL_ECOLI	F1	439764	be	ARAF_ECOLI	Fu	439353	be	8ABP	1JZ7	6ABP	0.93	Sc=5.64704, min distance = 2.335310
BGAL_ECOLI	F1	6027	xyld	Q9ZB17_9LACT	I	439353	be	1NSX	1JZ7	1MN0	0.93	Sc=5.68518, min distance = 1.961206
BGAL_SULSO	F1	11957434		BGLA_THEMEA	Fu	445248	nc	2J78	1UWU	2J7G	29.47	Sc=6.11064, min distance = 2.372227
BGAL_SULSO	F1	11957435		BGLA_THEMEA	Fu	445248	nc	2J78	1UWU	2J7H	29.47	Sc=5.76279, min distance = 2.625646
BGAL_SULSO	F1	24963032		BGLA_THEMEA	Fu	445248	nc	2J78	1UWU	2VRJ	29.47	Sc=6.15777, min distance = 2.321165
BGAL_SULSO	F1	445257	1i	MYRA_SINAL	Fu	445248	nc	1E6S	1UWU	1E70	24.28	Sc=5.71422, min distance = 2.030540
BGAL_SULSO	F1	447413	NT	BGLA_THEMEA	Fu	445248	nc	2J78	1UWU	2J7B	29.47	Sc=6.02287, min distance = 2.373562
BGAL_SULSO	F1	447413	NT	MYRA_SINAL	Fu	445248	nc	1E6S	1UWU	1E6Q	24.28	Sc=6.02177, min distance = 2.415852
BGAL_SULSO	F1	5326892	C	BGLA_THEMEA	Fu	445248	nc	2J78	1UWU	2J7C	29.47	Sc=6.3685, min distance = 2.2263586
BGAL_SULSO	F1	7027	gluc	MYRA_SINAL	Fu	445248	nc	1E6S	1UWU	1E6X	24.28	Sc=5.91575, min distance = 2.467867
BGAL_SULSO	F1	9549193	C	BGLA_THEMEA	Fu	445248	nc	2J78	1UWU	2CES	29.47	Sc=6.06112, min distance = 2.565885
BGAT_HUMAN	F1	445795	1g	GGTA1_BOVIN	F1	18068	Udp	2VS5	2RJ7	2VfZ	46.89	0.98 Sc=6.63634, min distance = 2.510845
BGAT_HUMAN	F1	6030	Urid	GGTA1_BOVIN	F1	18068	Udp	2VS5	2RJ7	1G8O	46.89	0.88 Sc=6.31956, min distance = 2.456135
BGLA_PAEPO	F1	29435	1-I	XYLA_ARTS7	Fu	10690	glu	1XLF	1BGG	1DIE		Sc=5.8976, min distance = 1.6798385
BGLA_PAEPO	F1	445074	2,	XYLA_ARTS7	Fu	10690	glu	1XLF	1BGG	1DID		Sc=5.92452, min distance = 1.250872
BGLA_THEMEA	F1	445999	CI	Q79G13_MYCTU	I	447607	1c	1UP2	1OIF	1UOZ		Sc=5.7012, min distance = 2.2824916
BGLA_THEMEA	F1	64689	bet	Q79G13_MYCTU	I	447607	1c	1UP2	1OIF	1UP0		Sc=5.89491, min distance = 2.085057
BGLA_THEMEA	F1	64960	Pol	Q9XEI3_HORVD	I	5326892	C	1X39	2J7C	1EX1		Sc=5.78964, min distance = 2.042106
BGLA_THEMEA	F1	81462	Bis	GLCM_HUMAN	Fu	447607	1c	2NSX	1OIF	2V3F		Sc=6.07036, min distance = 2.365588
BGLB_PAEPO	F1	446983	II	Q9XEI3_HORVD	I	446272	Th	1IEX	2O9R	1X38		Sc=6.20119, min distance = 2.454420
BHMT1_HUMAN	I	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1LT8	1YBA	0.76	Sc=5.87854, min distance = 0.418266
BIOB_ECOLI	F1	439182	5'	Q70GK9_STRCT	I	34756	Acy	1RQP	1R30	2CC2	0.86	Sc=6.21604, min distance = 1.467140
BIOB_ECOLI	F1	444178	CI	BIOD_ECOLI	Fu	445027	d-	1DAM	1R30	1A82	0.78	Sc=5.87484, min distance = 2.428332
BIOB_ECOLI	F1	445025	7,	BIOD_ECOLI	Fu	445027	d-	1DAM	1R30	1DAH	0.78	Sc=5.88992, min distance = 2.359622
BIOB_ECOLI	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1R30	1H1D	0.92	Sc=6.17749, min distance = 2.137062
BIOB_ECOLI	F1	6852187	2	MOAA_STAA8	Fu	34756	Acy	2FB2	1R30	2FB3	0.84	Sc=6.08325, min distance = 2.221454
BIOB_ECOLI	F1	6852187	2	Q70GK9_STRCT	I	34756	Acy	1RQP	1R30	2CBX	0.84	Sc=6.15423, min distance = 1.593020
BIOD_ECOLI	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	1A82	2PE0		Sc=6.18109, min distance = 2.066935
BIOD_ECOLI	F1	24864081		CDK2_HUMAN	Fu	6022	Aden	1GY3	1DAD	2VTS		Sc=6.24065, min distance = 2.108662
BIOD_ECOLI	F1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1DAD	1JSV		Sc=5.91939, min distance = 2.850122
BIOD_ECOLI	F1	33113	gan	KIF1A_MOUSE	F1	91532	AMP	1I6I	1DAG	1VfV	0.99	Sc=6.10614, min distance = 2.402404
BIOD_ECOLI	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1A82	1YDS		Sc=5.85122, min distance = 2.392342
BIOD_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1A82	1Q8W		Sc=5.92379, min distance = 2.163626
BIOD_ECOLI	F1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1DAD	1DM2		Sc=6.28951, min distance = 1.501674
BIOD_ECOLI	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	1A82	1COW	0.91	Sc=6.5043, min distance = 2.4345845
BIOD_ECOLI	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1DAD	1OI9		Sc=6.38174, min distance = 2.065940
BIOD_ECOLI	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1DAD	1OIU		Sc=6.33126, min distance = 2.100045

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BIOD_ECOLI	F1	448968	1u	HS90A_HUMAN	F1	6022	Aden	1BYQ	1DAD	1UY9			Sc=6.22967, min distance = 2.111425
BIOD_ECOLI	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1A82	1YDR			Sc=5.90464, min distance = 2.102085
BIOD_ECOLI	F1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1DAD	1H1S			Sc=6.32555, min distance = 2.040477
BIOD_ECOLI	F1	5496922	C	HS90A_HUMAN	F1	6022	Aden	1BYQ	1DAD	1UY7			Sc=6.21996, min distance = 2.093183
BIOD_ECOLI	F1	5496923	C	HS90A_HUMAN	F1	6022	Aden	1BYQ	1DAD	1UY8			Sc=6.22514, min distance = 2.026883
BIOD_ECOLI	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1A82	2V8Q	0.98		Sc=5.96483, min distance = 2.161925
BIOD_ECOLI	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1A82	2J9D	0.98		Sc=6.30377, min distance = 1.958553
BIOD_ECOLI	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1DAD	1FMO	0.95		Sc=6.13801, min distance = 2.842290
BIOI_BACSU	F1	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	3EJB	1BEQ	0.81		Sc=6.79973, min distance = 2.273228
BIOI_BACSU	F1	11957353		HBA_HORSE	Fu	444098	HE	2D5X	3EJB	1IWH	0.83		Sc=6.7959, min distance = 2.1521126
BIOI_BACSU	F1	11957360		CY1_BOVIN	Fu	444098	HE	1L0N	3EJB	1NTM			Sc=6.80337, min distance = 2.055722
BIOI_BACSU	F1	11957361		CY1_BOVIN	Fu	444098	HE	1L0N	3EJB	1NTZ	0.8		Sc=6.78024, min distance = 2.465068
BIOI_BACSU	F1	11957363		HBB_HUMAN	Fu	444098	HE	1J40	3EJB	1RQA	0.77		Sc=6.79695, min distance = 2.037145
BIOI_BACSU	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	3EJB	2CMM			Sc=6.2812, min distance = 2.4224693
BIOI_BACSU	F1	11970219		CCPR_YEAST	Fu	444098	HE	2EUT	3EJB	1BEM	0.83		Sc=6.78842, min distance = 1.755232
BIOI_BACSU	F1	11970220		CCPR_YEAST	Fu	444098	HE	2EUT	3EJB	1BEP	0.8		Sc=6.80729, min distance = 2.221915
BIOI_BACSU	F1	11970221		CCPR_YEAST	Fu	444098	HE	2EUT	3EJB	1BES	0.83		Sc=6.74682, min distance = 1.930793
BIOI_BACSU	F1	11970242		CCPR_YEAST	Fu	444098	HE	2EUT	3EJB	1CPE	0.83		Sc=6.76248, min distance = 2.412563
BIOI_BACSU	F1	126994	CI	CCPR_YEAST	Fu	444098	HE	2EUT	3EJB	1Z53	0.77		Sc=6.79255, min distance = 2.289883
BIOI_BACSU	F1	4369260	C	KATG_BURPS	Fu	444098	HE	2DV1	3EJB	1MWV	0.93		Sc=6.80071, min distance = 2.120074
BIOI_BACSU	F1	5326592	C	HMOX1_RAT	Fu	444098	HE	1DVG	3EJB	1J2C	0.79		Sc=6.73083, min distance = 2.082292
BIOI_BACSU	F1	6420167	M	CPXA_PSEPU	Fu	444098	HE	1YRC	3EJB	2FE6	28.62	0.86	Sc=6.80007, min distance = 2.139384
BIRA_ECOLI	F1	446903	NC	AVID_CHICK	Fu	171548	bi	2JGS	1HXD	1LDO	0.99		Sc=6.18491, min distance = 1.740025
BLAB_BACFR	F1	23831	HEP	DEF_LEPIN	Fu	78165	MES	1VEV	1A7T	1VEY	0.81		Sc=5.74278, min distance = 0.634417
BLAC_BACLI	F1	11869260		DGAL_ECOLI	Fu	311	citri	2FW0	1I2S	2QW1			Sc=5.78318, min distance = 1.983193
BLAC_BACLI	F1	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	1I2S	1IIH			Sc=5.6018, min distance = 1.7722037
BLAC_BACLI	F1	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1I2S	1QGU	0.92		Sc=5.98895, min distance = 2.074572
BLAC_BACLI	F1	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1I2S	1QGU	0.92		Sc=5.98895, min distance = 1.989824
BLAC_BACLI	F1	449604	NI	ACON_BOVIN	Fu	5318532	i	1C97	1W7F	8ACN			Sc=5.86733, min distance = 2.045832
BLAC_BACLI	F1	51	2-Oxog	IDHP_YEAST	Fu	5318532	i	2QFW	1W7F	2QFY			Sc=5.77266, min distance = 1.537995
BLAC_BACLI	F1	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	1I2S	1YBA	0.76		Sc=5.6826, min distance = 1.0420662
BLAR_STAAU	F1	64689	bet	O33897_RHOMR	I	23831	HEP	1H0B	1XKZ	2BWA			Sc=5.60996, min distance = 2.116850
BLS_STRCL	Fu	24851689		PIM1_HUMAN	Fu	6083	aden	1YXU	1MC1	3CY2			Sc=6.29611, min distance = 1.667065
BLS_STRCL	Fu	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1MC1	1GFZ			Sc=5.84428, min distance = 2.021367
BLS_STRCL	Fu	33113	gar	ASSY_THET8	Fu	6083	aden	1J20	1MC1	1KOR	0.97		Sc=6.55453, min distance = 1.408188
BLS_STRCL	Fu	3973	nche	PIM1_HUMAN	Fu	6083	aden	1YXU	1MC1	1YI3			Sc=5.98093, min distance = 1.212107
BLS_STRCL	Fu	445321	CI	NADE_BACSU	Fu	6083	aden	2NSY	1MC1	1EE1	0.85		Sc=6.50024, min distance = 2.255795

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BLS_STRCL	Fu: 447832 Ad	ACSA_SALTY	Fu: 6083 aden	2P2F	1MC1	1PG4	0.99	Sc=6.45718, min distance = 1.148016
BLS_STRCL	Fu: 5957 Ader	PANC_MYCTU	Fu: 91557 ltr	1N2E	1JGT	2A84	0.99	Sc=6.02349, min distance = 2.023806
BLS_STRCL	Fu: 5957 Ader	PSPF_ECOLI	Fu: 6083 aden	2VII	1MC1	2C96	0.98	Sc=6.48623, min distance = 1.653390
BLS_STRCL	Fu: 6102784 A	PSPF_ECOLI	Fu: 6083 aden	2VII	1MC1	2C99	0.97	Sc=6.50779, min distance = 1.731780
BLS_STRCL	Fu: 611002 Op	PIM1_HUMAN	Fu: 6083 aden	1YXU	1MC1	1YXX		Sc=6.1937, min distance = 2.0779752
BLS_STRCL	Fu: 65110 AIC	AAKG1_HUMAN	Fu: 6083 aden	2UV4	1MC1	2UV5	0.79	Sc=5.83663, min distance = 2.021527
BLS_STRCL	Fu: 656964 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	1MC1	1Y2C		Sc=5.973, min distance = 1.93683917
BLS_STRCL	Fu: 657135 Op	PIM1_HUMAN	Fu: 6083 aden	1YXU	1MC1	1YXV		Sc=5.88541, min distance = 2.048660
BLS_STRCL	Fu: 6804 guar	PDE10_HUMAN	Fu: 6083 aden	2OUN	1MC1	2OUQ	0.8	Sc=6.40204, min distance = 0
BLS_STRCL	Fu: 8582 Inos	PURA1_MOUSE	Fu: 6083 aden	1MF0	1MC1	1IWE	0.79	Sc=6.4339, min distance = 0.6733049
BPBH_BURXL	Fu: 11987635	ADH_DROLE	Fu: 5893 nadi	1SBY	1BDB	1B2L	0.76	Sc=6.86195, min distance = 1.956546
BPBH_BURXL	Fu: 169266 1,	GALE_HUMAN	Fu: 5893 nadi	1HZJ	1BDB	1I3K	0.79	Sc=6.7787, min distance = 2.1725730
BPBH_BURXL	Fu: 439153 Di	Q9BJJ9_PLAFA	Fu: 5893 nadi	1UH5	1BDB	1V35	0.79	Sc=6.77582, min distance = 2.146429
BPBH_BURXL	Fu: 6102772 C	ACES_MOUSE	Fu: 17472 Hex	2HA2	1LKD	2GYU	0.81	Sc=5.72623, min distance = 2.387019
BPBH_PSES1	Fu: 11318 1,2	NAHC_PSEU8	Fu: 254 3-phe	2EI3	1KW6	2EI1	0.92	Sc=5.83301, min distance = 2.117769
BPL_METJA	Fu: 446903 NO	AVID_CHICK	Fu: 171548 bi	2JGS	2EJ9	1LDO	0.99	Sc=6.17263, min distance = 1.992516
BPL_METJA	Fu: 5326799 1	SAV_STRAV	Fu: 171548 bi	2F01	2EJ9	1SRI		Sc=6.39854, min distance = 2.201386
BPNT1_RAT	Fu: 101812 2	RET_HUMAN	Fu: 6083 aden	2IVT	1JP4	2IVS	0.97	Sc=6.24461, min distance = 2.088066
BPNT1_RAT	Fu: 3758 IBMX	PDE4D_HUMAN	Fu: 6083 aden	1TB7	1JP4	1ZKN		Sc=5.93998, min distance = 2.418770
BPNT1_RAT	Fu: 445708 AM	NADE_ECOLI	Fu: 6083 aden	1WXI	1JP4	1WXE	0.91	Sc=6.30589, min distance = 2.043524
BPNT1_RAT	Fu: 449190 1x	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1JP4	1XM6		Sc=5.86061, min distance = 2.198480
BPNT1_RAT	Fu: 6022 Ader	PSPF_ECOLI	Fu: 6083 aden	2VII	1JP4	2C98	0.99	Sc=6.40508, min distance = 2.004788
BPNT1_RAT	Fu: 6030 Uric	ECX1_SULSO	Fu: 6083 aden	2C38	1JP4	2C37		Sc=6.29801, min distance = 0.549190
BPNT1_RAT	Fu: 6076 Cycl	PDE10_HUMAN	Fu: 6083 aden	2OUN	1JP4	2OUR	0.99	Sc=6.23146, min distance = 2.006166
BPNT1_RAT	Fu: 62551 Per	WRBA_ECOLI	Fu: 6083 aden	3B6J	1JP4	3B6K		Sc=5.66912, min distance = 1.691220
BPNT1_RAT	Fu: 65110 AIC	YL28_SCHPO	Fu: 6083 aden	2OOX	1JP4	2QRE	0.79	Sc=6.2023, min distance = 2.5763687
BPNT1_RAT	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	1JP4	1Y2E		Sc=5.99448, min distance = 2.502682
BPNT1_RAT	Fu: 656968 1y	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1JP4	1Y2H		Sc=5.85688, min distance = 1.976250
BPNT1_RAT	Fu: 656969 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	1JP4	1Y2K		Sc=6.13107, min distance = 2.391939
BPNT1_RAT	Fu: 657135 Op	PIM1_HUMAN	Fu: 6083 aden	1YXU	1JP4	1YXV		Sc=5.85955, min distance = 2.403559
BPNT1_RAT	Fu: 6804 guar	NDK_PYRHO	Fu: 6083 aden	2DXD	1JP4	2DXF	0.8	Sc=6.29182, min distance = 2.339430
BPNT1_RAT	Fu: 8582 Inos	PURA1_MOUSE	Fu: 6083 aden	1MF0	1JP4	1IWE	0.79	Sc=6.35869, min distance = 2.152549
BPNT1_RAT	Fu: 8977 1dar	NDK_PYRHO	Fu: 6083 aden	2DXD	1JP4	2DXE	0.79	Sc=6.36106, min distance = 2.059986
BPNT1_RAT	Fu: 9578243 B	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1JP4	1XLZ		Sc=6.05903, min distance = 1.891669
BPNT1_RAT	Fu: 9578243 B	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1JP4	1XLZ		Sc=6.05903, min distance = 1.891669
BPPS_SALOF	Fu: 51634 Mic	GLCM_HUMAN	Fu: 81462 Bis	2V3F	1N1Z	2V3D		Sc=6.05182, min distance = 1.246890
BRD2_HUMAN	Fu: 152217 2,	DYR_CANAL	Fu: 78165 MES	1M79	1X0J	1M78		Sc=5.886, min distance = 2.31122954
BTUB_ECOLI	Fu: 155448 B-	GLPG_ECOLI	Fu: 444279 1s	2IRV	1UJW	3B44		Sc=6.21413, min distance = 1.561210

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BTUB_ECOLI	F1	350021	Op	AOFB_HUMAN	Fu:	444279	1s	1OJD	1UJW	1OJC		Sc=5.78241, min distance = 2.275200
BTUB_ECOLI	F1	445070	fa	AOFB_HUMAN	Fu:	444279	1s	1OJD	1UJW	2BK3		Sc=5.74563, min distance = 2.857176
BTUD_ECOLI	F1	79025	alp	MALE_ECOLI	Fu:	62551	Pen	3CSB	2QI9	1ANF		Sc=5.91455, min distance = 0.712380
BUDC_KLEPN	F1	169266	1	GALE_HUMAN	Fu:	5893	nadi	1HZJ	1GEG	1I3K	0.79	Sc=6.79849, min distance = 2.249160
BUDC_KLEPN	F1	193758	Va	AMY1_HUMAN	Fu:	79025	alp	3DHP	1GEG	1MFU		Sc=5.68874, min distance = 1.164020
BUDC_KLEPN	F1	4369162	1	PYGM_RABIT	Fu:	79025	alp	1H5U	1GEG	1HLF		Sc=5.86082, min distance = 2.030760
BUDC_KLEPN	F1	447607	1c	PYGM_RABIT	Fu:	79025	alp	1H5U	1GEG	2G9V		Sc=5.61793, min distance = 2.736880
BUK2_THEMA	F1	33113	gar	IGF1R_HUMAN	F1	91532	AMP	1K3A	1SAZ	1JQH	0.99	Sc=6.00075, min distance = 1.792950
BUK2_THEMA	F1	338	salic	ALBU_HUMAN	Fu:	311	citri	1TF0	1X9J	2I2Z		Sc=5.85579, min distance = 0.909920
BUK2_THEMA	F1	444212	tr	ACON_BOVIN	Fu:	311	citri	1C96	1X9J	1ACO		Sc=5.70904, min distance = 2.283350
BUK2_THEMA	F1	447530		SRC_HUMAN	Fu:	311	citri	1O4L	1X9J	1O4F		Sc=5.93466, min distance = 2.469860
BUK2_THEMA	F1	447536	1c	SRC_HUMAN	Fu:	311	citri	1O4L	1X9J	1O4Q		Sc=5.65339, min distance = 2.212650
BUK2_THEMA	F1	6022	Ader	GLPK_ECOLI	Fu:	91532	AMP	1GLL	1SAZ	1GLB	0.99	Sc=6.35453, min distance = 1.994120
BUK2_THEMA	F1	6022	Ader	RBSK_ECOLI	Fu:	91532	AMP	1GQT	1SAZ	1RKD	0.99	Sc=5.65267, min distance = 2.057950
BUK2_THEMA	F1	6083	ader	PURP_METJA	Fu:	91532	AMP	2R7K	1SAZ	2R7M	0.97	Sc=5.80605, min distance = 2.707440
BUK2_THEMA	F1	8631	3,5-	ALBU_HUMAN	Fu:	311	citri	1TF0	1X9J	2BXL		Sc=5.71431, min distance = 0.999210
BZNB_PSEFL	F1	124687	1r	OXC_OXAFO	Fu:	1132	thia	2JI8	2UZ1	2C31	0.79	Sc=6.12812, min distance = 1.051740
BZNB_PSEFL	F1	448673	PE	ILVB_YEAST	Fu:	1132	thia	1N0H	2UZ1	1T9B		Sc=5.86359, min distance = 2.522680
BZNB_PSEFL	F1	448721	N3	TKT1_YEAST	Fu:	1132	thia	1TRK	2UZ1	1TKA		Sc=6.44081, min distance = 2.212980
BZNB_PSEFL	F1	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	2UZ1	1TKC	0.77	Sc=6.1549, min distance = 2.3587720
C167_SORCE	F1	11957330		CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1BEQ	0.81	Sc=6.74023, min distance = 2.057310
C167_SORCE	F1	11957360		CY1_BOVIN	Fu:	444098	HE	1L0N	1Q5D	1NTM		Sc=6.79297, min distance = 2.083330
C167_SORCE	F1	11957385		MYG_PHYCA	Fu:	444098	HE	1A6M	1Q5D	2CMM		Sc=6.28364, min distance = 2.290900
C167_SORCE	F1	11970219		CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1BEM	0.83	Sc=6.73855, min distance = 2.011130
C167_SORCE	F1	11970220		CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1BEP	0.8	Sc=6.75895, min distance = 2.042760
C167_SORCE	F1	11970222		CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1BJ9	0.77	Sc=6.80635, min distance = 2.088990
C167_SORCE	F1	11970242		CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1CPE	0.83	Sc=6.74063, min distance = 2.147920
C167_SORCE	F1	126994	CI	CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1Z53	0.77	Sc=6.7758, min distance = 2.1440940
C167_SORCE	F1	446406	C2	MYG_PHYCA	Fu:	444098	HE	1A6M	1Q5D	1J3F		Sc=6.3797, min distance = 2.0584380
C167_SORCE	F1	447168	ZE	CCPR_YEAST	Fu:	444098	HE	2EUT	1Q5D	1ML2	0.82	Sc=6.80635, min distance = 2.136810
C1R_HUMAN	Fu:	101798	Me	MBL1_RAT	Full:	439554	fu	3KMB	1GPZ	1KWU	0.96	Sc=5.7749, min distance = 2.4285280
C1R_HUMAN	Fu:	446578	1r	MBL1_RAT	Full:	439554	fu	3KMB	1GPZ	1KWW	0.96	Sc=5.62446, min distance = 2.519180
C1R_HUMAN	Fu:	94214	Met	MBL1_RAT	Full:	439554	fu	3KMB	1GPZ	1AFA	0.96	Sc=5.73529, min distance = 2.424110
C1TC_HUMAN	F1	15942680		6PGD_LACLM	Fu:	5886	NADF	2IZ0	1A4I	2IZ1		Sc=6.18131, min distance = 2.631430
C1TC_HUMAN	F1	440141	9i	DHB1_HUMAN	Fu:	5886	NADF	1QYV	1A4I	1QYW		Sc=5.89975, min distance = 2.157480
C562_ECOLD	F1	11957385		MYG_PHYCA	Fu:	444124	HE	1U7R	1LM3	2CMM		Sc=6.07405, min distance = 2.284520
C5AP_STRPY	F1	12136	Ber	POL_HV1N5	Fu:	311	citri	2GON	1XF1	9HVP		Sc=5.66676, min distance = 1.110750

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C5AP_STRPY	F1	16740961	ELA1_PIG	Full	311 citri	2G4U	1XF1	1BMA		Sc=5.61111, min distance = 1.76471
C5AP_STRPY	F1	439459	Hc	NIFK_KLEPN	Ful	311 citri	1H1L	1XF1	1QGU	0.92 Sc=5.98706, min distance = 1.41759
C5AP_STRPY	F1	51	2-Oxop	SERA_ECOLI	Fu	311 citri	2P9E	1XF1	1YBA	0.76 Sc=5.86456, min distance = 0.72049
C5AP_STRPY	F1	6102777	2	AROQ_HELPHY	Fu	311 citri	2C4V	1XF1	2C4W	Sc=6.2486, min distance = 1.940779
C5AP_STRPY	F1	69689	9-M	GSK3B_HUMAN	F1	311 citri	1R0E	1XF1	1O9U	Sc=5.7552, min distance = 1.648868
C5AP_STRPY	F1	8778	Laur	CTXA3_NAJAT	F1	311 citri	1XT3	1XF1	1H0J	Sc=5.73865, min distance = 1.43245
C5B3_AMYOR	F1	11957355		CY1_BOVIN	Ful	444098 HE	1L0N	1LG9	1L0L	0.77 Sc=6.805, min distance = 2.2281126
C5B3_AMYOR	F1	11957355		CYB_BOVIN	Ful	444522 HE	1BGY	1LFB	1L0L	0.81 Sc=6.78803, min distance = 1.28178
C5B3_AMYOR	F1	11957360		CYB_BOVIN	Ful	444522 HE	1BGY	1LFB	1NTM	0.78 Sc=6.7783, min distance = 2.093308
C5B3_AMYOR	F1	11957363		HBB_HUMAN	Ful	444522 HE	2DN1	1LFB	1RQA	0.81 Sc=6.78842, min distance = 2.16701
C5B3_AMYOR	F1	11957370		HMOX1_HUMAN	F1	444124 HE	1OZW	1LGF	1TWN	Sc=6.64799, min distance = 2.08683
C5B3_AMYOR	F1	11957371		HMOX1_HUMAN	F1	444124 HE	1OZW	1LGF	1TWR	Sc=6.67324, min distance = 1.86310
C5B3_AMYOR	F1	11957373		CATE_ECOLI	Fu	444124 HE	1IPH	1LGF	1P81	0.79 Sc=6.8204, min distance = 1.773623
C5B3_AMYOR	F1	11957385		MYG_PHYCA	Ful	444098 HE	1A6M	1LG9	2CMM	Sc=6.30099, min distance = 2.19537
C5B3_AMYOR	F1	11957385		MYG_PHYCA	Ful	444124 HE	1U7R	1LGF	2CMM	Sc=6.29044, min distance = 2.27747
C5B3_AMYOR	F1	11957385		MYG_PHYCA	Ful	444522 HE	1VXD	1LFB	2CMM	Sc=6.30208, min distance = 2.07069
C5B3_AMYOR	F1	4369228	C	PER_COPCI	Ful	444124 HE	1LY9	1LGF	1LYC	0.95 Sc=6.80071, min distance = 1.78694
C5B3_AMYOR	F1	444095	HE	RCEM_RHOVI	Fu	444124 HE	3D38	1LGF	1DXR	0.91 Sc=6.79973, min distance = 2.14809
C5B3_AMYOR	F1	444125	HE	RCEL_RHOVI	Fu	444124 HE	3D38	1LGF	2I5N	0.91 Sc=6.82381, min distance = 1.48993
C5B3_AMYOR	F1	444207	He	CP119_SULTO	F1	444124 HE	3B4X	1LGF	1UE8	0.99 Sc=6.79552, min distance = 2.38773
C5B3_AMYOR	F1	444207	He	PETD_MASLA	Fu	444522 HE	2E76	1LFB	1VF5	1 Sc=6.81263, min distance = 1.53960
C5B3_AMYOR	F1	446332	CI	MYG_PHYCA	Ful	444124 HE	1U7R	1LGF	1IOP	0.8 Sc=6.36556, min distance = 2.20942
C5B3_AMYOR	F1	446406	CZ	MYG_PHYCA	Ful	444098 HE	1A6M	1LG9	1J3F	Sc=6.38905, min distance = 1.99568
C5B3_AMYOR	F1	446406	CZ	MYG_PHYCA	Ful	444124 HE	1U7R	1LGF	1J3F	Sc=6.38334, min distance = 2.05575
C5C4_AMYOR	F1	11957385		MYG_PHYCA	Ful	444522 HE	1VXD	1UED	2CMM	Sc=6.30208, min distance = 2.05807
C5C4_AMYOR	F1	162636	1f	UROK_HUMAN	Fu	8200 TETR	2O8U	1UED	1FV9	Sc=5.76839, min distance = 2.03182
C5C4_AMYOR	F1	444124	HE	NOS3_BOVIN	Fu	444522 HE	2HX2	1UED	1ZZS	0.99 Sc=6.77962, min distance = 2.04707
C5C4_AMYOR	F1	444207	He	PETD_MASLA	Fu	444522 HE	2E76	1UED	1VF5	1 Sc=6.8053, min distance = 1.73698
C74A2_PARAR	I	11957330		CCPR_YEAST	Fu	444098 HE	2EUT	3DAN	1BEQ	0.81 Sc=6.77628, min distance = 2.00572
C74A2_PARAR	I	11957363		HBB_HUMAN	Ful	444098 HE	1J40	3DAN	1RQA	0.77 Sc=6.78962, min distance = 0.94001
C74A2_PARAR	I	11957385		MYG_PHYCA	Ful	444098 HE	1A6M	3DAN	2CMM	Sc=6.30208, min distance = 2.36870
C74A2_PARAR	I	11963498		CP74A_ARATH	F1	24875321	3DSI	3DBM	3DSK	0.9 Sc=5.93225, min distance = 2.29098
C74A2_PARAR	I	11970219		CCPR_YEAST	Fu	444098 HE	2EUT	3DAN	1BEM	0.83 Sc=6.7754, min distance = 2.10292
C74A2_PARAR	I	11970221		CCPR_YEAST	Fu	444098 HE	2EUT	3DAN	1BES	0.83 Sc=6.73898, min distance = 2.07410
C74A2_PARAR	I	11970242		CCPR_YEAST	Fu	444098 HE	2EUT	3DAN	1CPE	0.83 Sc=6.78119, min distance = 2.20510
C74A2_PARAR	I	126994	CI	CCPR_YEAST	Fu	444098 HE	2EUT	3DAN	1Z53	0.77 Sc=6.7783, min distance = 2.09989
C74A2_PARAR	I	4369260	C	KATG_BURPS	Fu	444098 HE	2DV1	3DAN	1MWV	0.93 Sc=6.77684, min distance = 2.26537

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C74A2_PARAR	1	446406	C2	MYG_PHYCA	Fu	444098	HE	1A6M	3DAN	1J3F		Sc=6.37887, min distance = 2.261010
C74A2_PARAR	1	447168	ZF	CCPR_YEAST	Fu	444098	HE	2EUT	3DAN	1ML2	0.82	Sc=6.80477, min distance = 2.066940
C74A2_PARAR	1	6420167	M	CPXA_PSEPU	Fu	444098	HE	1YRC	3DAN	2FE6	0.86	Sc=6.7959, min distance = 2.1584665
C74A2_PARAR	1	6443013	1	CP74A_ARATH	Fu	24875321		3DSI	3DBM	3DSJ		Sc=6.05556, min distance = 2.120948
CADH2_ARATH	1	11970225		ETR1_CANTR	Fu	5886	NADF	1GUF	2CF6	1N9G	0.78	Sc=6.74278, min distance = 1.731329
CAH12_HUMAN	1	10661	8-C	CHIT_YEAST	Fu	1986	acet	2UY4	1JD0	2UY3		Sc=5.70162, min distance = 2.499270
CAH12_HUMAN	1	14611919		CAH2_HUMAN	Fu	1986	acet	1YDB	1JD0	3B4F		Sc=6.12765, min distance = 2.601895
CAH12_HUMAN	1	3161908	S	CAH1_HUMAN	Fu	1986	acet	1AZM	1JD0	2NN1		Sc=5.71031, min distance = 1.963570
CAH13_HUMAN	1	14611919		CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	3B4F		Sc=6.13068, min distance = 1.742690
CAH13_HUMAN	1	16122582		CAH1_HUMAN	Fu	1986	acet	1AZM	3CZV	2NN7		Sc=5.71529, min distance = 2.175264
CAH13_HUMAN	1	3161908	S	CAH1_HUMAN	Fu	1986	acet	1AZM	3CZV	2NN1		Sc=5.70674, min distance = 2.434298
CAH13_HUMAN	1	3440	furc	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1Z9Y		Sc=6.01803, min distance = 2.450154
CAH13_HUMAN	1	4288	2, 6	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1G48		Sc=5.73231, min distance = 2.625479
CAH13_HUMAN	1	444612	1k	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1BNT		Sc=5.74569, min distance = 2.276542
CAH13_HUMAN	1	444613	CI	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1BNU		Sc=5.68142, min distance = 2.208570
CAH13_HUMAN	1	444828	CI	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1CIL		Sc=5.66617, min distance = 2.555240
CAH13_HUMAN	1	446237	4	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1I9L		Sc=5.94848, min distance = 1.613592
CAH13_HUMAN	1	446240	1i	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1I9O		Sc=5.75804, min distance = 2.520618
CAH13_HUMAN	1	446241	1i	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1I9P		Sc=5.83772, min distance = 2.495680
CAH13_HUMAN	1	462919	re	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	2HD6		Sc=5.68878, min distance = 2.814158
CAH13_HUMAN	1	5289159	C	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1ZE8		Sc=5.66679, min distance = 2.613520
CAH13_HUMAN	1	6604229	M	CAH2_HUMAN	Fu	1986	acet	1YDB	3CZV	1ZGF		Sc=5.60036, min distance = 2.099069
CAH14_MOUSE	1	10661	8-C	CHIT_YEAST	Fu	1986	acet	2UY4	1RJ6	2UY3		Sc=5.63148, min distance = 2.651678
CAH14_MOUSE	1	11957408		CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	2HOC		Sc=5.86761, min distance = 1.399290
CAH14_MOUSE	1	1700	2, 3	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	1G52		Sc=5.90788, min distance = 2.252180
CAH14_MOUSE	1	444613	CI	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	1BNU		Sc=5.70795, min distance = 2.541018
CAH14_MOUSE	1	444828	CI	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	1CIL		Sc=5.62303, min distance = 2.725609
CAH14_MOUSE	1	446237	4	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	1I9L		Sc=5.87826, min distance = 1.890220
CAH14_MOUSE	1	446238	2	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	1I9M		Sc=5.95476, min distance = 1.490010
CAH14_MOUSE	1	446241	1i	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	1I9P		Sc=5.83772, min distance = 2.208800
CAH14_MOUSE	1	6102834	C	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	2FOQ		Sc=5.70486, min distance = 2.754349
CAH14_MOUSE	1	745994	2n	CAH2_HUMAN	Fu	1986	acet	1YDB	1RJ6	2NNS		Sc=5.63033, min distance = 2.589140
CAH1_HUMAN	Fu	11957408		CAH2_HUMAN	Fu	1986	acet	1YDB	1AZM	2HOC	61.72	Sc=5.85339, min distance = 2.067120
CAH1_HUMAN	Fu	11957408		CAH2_HUMAN	Fu	3161908	S	2NNO	2NN1	2HOC	61.72	Sc=5.8237, min distance = 1.9954820
CAH1_HUMAN	Fu	1700	2, 3	CAH2_HUMAN	Fu	745994	2n	2NNS	2NMX	1G52	61.72	0.8 Sc=5.91553, min distance = 2.167828
CAH1_HUMAN	Fu	17414308		CAH13_HUMAN	Fu	1986	acet	3CZV	1AZM	3DA2		Sc=5.64443, min distance = 1.774160
CAH1_HUMAN	Fu	2144	1cnx	CAH2_HUMAN	Fu	3161908	S	2NNO	2NN1	1CNX	61.72	Sc=5.8724, min distance = 2.3959930

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CAH1_HUMAN	F1	2144	1cny	CAH2_HUMAN	Fu	745994	2n	2NNS	2NMX	1CNX	61.72	0.78	Sc=5.9087, min distance = 2.013213
CAH1_HUMAN	F1	3440	furd	CAH2_HUMAN	Fu	1986	acet	1YDB	1AZM	1Z9Y	61.72		Sc=5.90743, min distance = 2.16059
CAH1_HUMAN	F1	3440	furd	CAH2_HUMAN	Fu	3161908	s	2NNO	2NN1	1Z9Y	61.72		Sc=6.05237, min distance = 2.11333
CAH1_HUMAN	F1	4369031	s	CAH2_HUMAN	Fu	16122582	2NNV	2NN7	2NN7	1OKN	61.72		Sc=5.884, min distance = 1.9302492
CAH1_HUMAN	F1	444137	CI	CAH2_HUMAN	Fu	1986	acet	1YDB	1AZM	1A42	61.72		Sc=5.76054, min distance = 2.34348
CAH1_HUMAN	F1	444611	CI	CAH2_HUMAN	Fu	1986	acet	1YDB	1AZM	1BNQ	61.72		Sc=5.7258, min distance = 2.510829
CAH1_HUMAN	F1	444613	CI	CAH2_HUMAN	Fu	3161908	s	2NNO	2NN1	1BNU	61.72		Sc=5.74897, min distance = 2.44683
CAH1_HUMAN	F1	444830	CI	CAH2_HUMAN	Fu	3161908	s	2NNO	2NN1	1CIN	61.72		Sc=5.65921, min distance = 1.62371
CAH1_HUMAN	F1	446241	1i	CAH2_HUMAN	Fu	3161908	s	2NNO	2NN1	1I9P	61.72		Sc=5.94983, min distance = 1.96979
CAH1_HUMAN	F1	448784		CAH2_HUMAN	Fu	3161908	s	2NNO	2NN1	1TTM	61.72		Sc=5.78718, min distance = 2.06786
CAH1_HUMAN	F1	5143	sacc	CAH2_HUMAN	Fu	16122582	2NNV	2NN7	2NN7	2Q1B	61.72		Sc=5.62341, min distance = 1.02941
CAH1_HUMAN	F1	6102834	C	CAH2_HUMAN	Fu	16122582	2NNV	2NN7	2NN7	2FOQ	61.72		Sc=5.71555, min distance = 2.21446
CAH1_HUMAN	F1	6102834	C	CAH2_HUMAN	Fu	745994	2n	2NNS	2NMX	2FOQ	61.72	0.93	Sc=5.67037, min distance = 2.64022
CAH1_HUMAN	F1	6420183	E	CAH2_HUMAN	Fu	16122582	2NNV	2NN7	2NN7	2FOS	61.72		Sc=5.87585, min distance = 2.00739
CAH1_HUMAN	F1	6420183	E	CAH2_HUMAN	Fu	745994	2n	2NNS	2NMX	2FOS	61.72	0.79	Sc=5.68516, min distance = 2.83267
CAH1_HUMAN	F1	6852129	a	CAH2_HUMAN	Fu	745994	2n	2NNS	2NMX	1ZFO	61.72		Sc=5.61035, min distance = 2.41577
CAH1_HUMAN	F1	71083	D-H	CAH2_HUMAN	Fu	745994	2n	2NNS	2NMX	2EZ7	61.72		Sc=5.95856, min distance = 1.64294
CAH2_HUMAN	F1	17414308		CAH13_HUMAN	F1	1986	acet	3CZV	1YDB	3DA2			Sc=5.69756, min distance = 2.25266
CAH2_HUMAN	F1	1798	CID1	CAH1_HUMAN	Fu	16122582	2NN7	2NNV	2NNV	1BZM	61.72		Sc=5.60966, min distance = 1.68676
CAH2_HUMAN	F1	3830	kine	CHIT_YEAST	Fu	1986	acet	2UY4	1YDB	2UY5			Sc=5.99875, min distance = 2.13881
CAHC_PEA	Ful	69689	9-M	GSK3B_HUMAN	F1	311	citri	1R0E	1EKJ	1O9U			Sc=5.78164, min distance = 0.42087
CAMA_PSEPU	F1	11987634		TYTR_TRYCR	Fu	444188	CI	1BZL	1Q1R	1AOG	0.97		Sc=6.43107, min distance = 1.79009
CAMA_PSEPU	F1	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1Q1R	1BWC	0.98		Sc=6.42704, min distance = 2.01374
CAMA_PSEPU	F1	446013	1,	O28603_ARCFU	1	444188	CI	1JNR	1Q1R	1JNZ	0.94		Sc=6.43248, min distance = 2.14790
CAMA_PSEPU	F1	446013	1,	O28604_ARCFU	1	444188	CI	1JNR	1Q1R	1JNZ	0.94		Sc=6.43156, min distance = 2.15746
CAMA_PSEPU	F1	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1Q1R	1Y0P	0.97		Sc=6.42656, min distance = 2.12637
CAMA_PSEPU	F1	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1Q1R	3GRT	0.98		Sc=6.42898, min distance = 2.08984
CAMA_PSEPU	F1	6420174	C	O28603_ARCFU	1	444188	CI	1JNR	1Q1R	2FJB	0.92		Sc=6.16095, min distance = 1.93559
CAMT_MEDSA	F1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1SUI	1Z3C	0.91		Sc=6.58317, min distance = 1.90376
CAMT_MEDSA	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1SUI	1JQE	0.95		Sc=6.55397, min distance = 2.25357
CAMT_MEDSA	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1SUI	1JG2	0.84		Sc=6.30319, min distance = 2.66870
CAMT_MEDSA	F1	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	1SUI	1QAQ	0.88		Sc=6.59404, min distance = 2.11465
CAMT_MEDSA	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	1SUI	2HV9	0.88		Sc=6.58093, min distance = 2.22049
CAMT_MEDSA	F1	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1SUI	1NW6	0.88		Sc=6.57476, min distance = 1.45143
CAMT_MEDSA	F1	65482	sir	SETD7_HUMAN	F1	439155	Ad	2F69	1SUI	3CBP	0.88		Sc=6.58646, min distance = 1.75847
CARA_ECOLI	F1	33032	L-g	SYQ_ECOLI	Ful	5961	L-gl	1ZJW	1C30	100C	0.84		Sc=5.80334, min distance = 2.17523
CARB_ECOLI	F1	1855	CID1	KITH_HHV11	Fu	6022	Aden	2VTK	1A9X	1E2P			Sc=6.18597, min distance = 0.44630

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CARB_ECOLI	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1BXR	2ETK			Sc=6.12745, min distance = 1.833735
CARB_ECOLI	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1BXR	2ESM			Sc=6.04867, min distance = 2.145035
CARB_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1A9X	1BS1	0.91		Sc=6.46696, min distance = 1.677785
CARB_ECOLI	F1	444674	CI	ACCC_ECOLI	Fu	6022	Aden	2J9G	1A9X	2VR1	25.95	0.96	Sc=6.56921, min distance = 1.366065
CARB_ECOLI	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1A9X	1CKP			Sc=5.60314, min distance = 2.386095
CARB_ECOLI	F1	445212	1e	KITH_HHV11	Fu	6022	Aden	2VTK	1A9X	1E2K			Sc=6.04048, min distance = 2.491235
CARB_ECOLI	F1	447628	[	KITH_HHV11	Fu	6022	Aden	2VTK	1A9X	1OF1			Sc=6.29843, min distance = 0.901385
CARB_ECOLI	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	1BXR	2ETR			Sc=6.19882, min distance = 1.811825
CARB_ECOLI	F1	448043	2c	ROCK1_HUMAN	F1	33113	gar	2V55	1BXR	3D9V			Sc=6.05597, min distance = 2.289365
CARB_ECOLI	F1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	1A9X	1QY5	0.81		Sc=6.42323, min distance = 1.911035
CARB_ECOLI	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1A9X	1H1R			Sc=6.13447, min distance = 2.319525
CARB_ECOLI	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1BXR	1ZOE			Sc=5.76592, min distance = 1.918735
CARB_ECOLI	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1BXR	1ZOG			Sc=5.75225, min distance = 0.872585
CARB_ECOLI	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1A9X	2ERZ			Sc=6.22985, min distance = 2.247115
CARB_ECOLI	F1	5905	idox	KITH_HHV11	Fu	6022	Aden	2VTK	1A9X	1KI7			Sc=6.17263, min distance = 0.968385
CARB_ECOLI	F1	5957	Ader	ARSA1_ECOLX	F1	6022	Aden	1IHU	1A9X	1II0	0.99		Sc=6.5338, min distance = 1.1916145
CARB_ECOLI	F1	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	1A9X	1Q12	0.99		Sc=6.54228, min distance = 1.585835
CARB_ECOLI	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1A9X	1W7A	0.99		Sc=6.53647, min distance = 2.010325
CARB_ECOLI	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1A9X	3C4W	0.99		Sc=6.523, min distance = 1.6628685
CARB_ECOLI	F1	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	1A9X	2J9C	0.99		Sc=6.53713, min distance = 1.449565
CARB_ECOLI	F1	6083	ader	NDK_PYRHO	Ful	6022	Aden	2DYA	1A9X	2DXD	0.99		Sc=6.3787, min distance = 1.4567985
CARB_ECOLI	F1	6083	ader	PYGM_RABIT	Fu	8582	Inos	2QN7	1CE8	8GPB	0.79		Sc=6.39535, min distance = 1.878025
CARB_ECOLI	F1	65059	Dec	RNAS1_BOVIN	F1	6022	Aden	100H	1A9X	2QCA	0.77		Sc=6.38744, min distance = 0.731655
CARB_ECOLI	F1	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1A9X	2DXF	0.8		Sc=6.42187, min distance = 1.831955
CARB_ECOLI	F1	91532	AMF	MTNK_BACSU	Fu	6022	Aden	2OLC	1A9X	2PUL	0.99		Sc=6.56387, min distance = 1.901415
CARB_ECOLI	F1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	1A9X	3BHV			Sc=6.42842, min distance = 0.743955
CARM1_MOUSE	I	12771338		MCES_HUMAN	Fu	439155	Ad	3BGV	2V74	3EPP	0.88		Sc=6.57421, min distance = 2.192475
CARM1_MOUSE	I	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	2V74	1Z3C	0.91		Sc=6.56242, min distance = 2.313315
CARM1_MOUSE	I	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2V74	1JQE	0.95		Sc=6.52717, min distance = 2.440205
CARM1_MOUSE	I	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2V74	1JG2	0.84		Sc=6.30787, min distance = 2.834535
CARM1_MOUSE	I	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	2V74	1QAQ	0.88		Sc=6.57004, min distance = 2.122755
CARM1_MOUSE	I	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2V74	2HV9	0.88		Sc=6.55706, min distance = 2.247355
CARM1_MOUSE	I	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2V74	2ZBR	0.88		Sc=6.57075, min distance = 2.489955
CARP2_CANAL	I	444568	HI	RENI_HUMAN	Fu	444569	CI	1HRN	1EAG	1BIL	26.14		Sc=5.66534, min distance = 1.517195
CARP3_CANAL	I	446912	11	PLM2_PLAFA	Fu	5478883	p	1XDH	2H6T	1LEE			Sc=6.67152, min distance = 1.905535
CARP3_CANAL	I	446917	11	PLM2_PLAFA	Fu	5478883	p	1XDH	2H6T	1LF2			Sc=6.66365, min distance = 2.111265
CARP5_CANAL	I	446912	11	PLM2_PLAFA	Fu	5478883	p	1XDH	2QZX	1LEE			Sc=6.66318, min distance = 1.811725

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CARP_CRYPA	F1	445687	CI	CARP_YEAST	Fu:	445692	CI	1FQ5	1EPP	1FQ4		Sc=6.06285, min distance = 2.489231
CARP_CRYPA	F1	445696	CI	CARP_YEAST	Fu:	445692	CI	1FQ5	1EPP	1FQ6		Sc=6.01356, min distance = 2.348172
CARP_YEAST	F1	16740994		CARP_CRYPA	Fu:	445692	CI	1EPP	1FQ5	2JJJ	0.79	Sc=6.04613, min distance = 2.468257
CARP_YEAST	F1	445265	CI	CARP_CRYPA	Fu:	445692	CI	1EPP	1FQ5	1E81		Sc=6.03828, min distance = 2.485835
CARP_YEAST	F1	445266	CI	CARP_CRYPA	Fu:	445692	CI	1EPP	1FQ5	1E82		Sc=6.05347, min distance = 2.557035
CAS1_STRCL	F1	3080614	C	HIF1A_HUMAN	F1	51	2-Oxop	1H2L	1DS1	1H2K		Sc=5.60174, min distance = 2.604864
CAS1_STRCL	F1	3080614	C	HIF1N_HUMAN	F1	51	2-Oxop	1H2L	1DS1	1H2K		Sc=5.60174, min distance = 2.586249
CAS1_STRCL	F1	3080614	C	JHD3A_HUMAN	F1	51	2-Oxop	2Q8C	1DS1	2OX0		Sc=5.60629, min distance = 2.521878
CAS1_STRCL	F1	439655	d	HIF1N_HUMAN	F1	51	2-Oxop	1H2L	1DS1	1MZE		Sc=5.62759, min distance = 2.435456
CATA_PROMI	F1	3739	Adip	ALBU_HUMAN	Fu:	444124	HE	1O9X	1M85	2BXN		Sc=5.87484, min distance = 2.010155
CATA_PROMI	F1	444207	He	CP119_SULTO	F1	444124	HE	3B4X	1M85	1UE8	0.99	Sc=6.79214, min distance = 2.052041
CATA_PROMI	F1	444522	HE	NOS3_BOVIN	Fu:	444124	HE	1ZZS	1M85	2HX2	0.99	Sc=6.79451, min distance = 2.415316
CATA_PROMI	F1	444522	HE	NOSO_BACSU	Fu:	444124	HE	2AN0	1M85	2FC1	0.99	Sc=6.7959, min distance = 2.061899
CATE_ECOLI	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1IPH	1TWN		Sc=6.66854, min distance = 1.303081
CBH_CLOPE	Fu:	5881	Dehy	SDIS_PSEPU	Fu:	222528	DE	1E3V	2BJF	1E3R		Sc=5.99573, min distance = 2.103714
CBIF_BACME	F1	16750069		DPHB_PYRHO	Fu:	439155	Ad	2Z6R	1CBF	2PCI	0.92	Sc=6.0529, min distance = 2.061490
CBIF_BACME	F1	4369533	C	SETD8_HUMAN	F1	439155	Ad	1ZKK	1CBF	2BQZ	0.95	Sc=6.49827, min distance = 2.219581
CBIT_METJA	F1	51	2-Oxop	LDOX_ARATH	Fu:	78165	MES	1GP6	2YXD	1GP4		Sc=5.63559, min distance = 2.177847
CBIT_METTH	F1	446535	CI	HNMT_HUMAN	Fu:	439155	Ad	2AOT	1L3I	1JQE	0.95	Sc=6.54813, min distance = 2.349856
CBIT_METTH	F1	60961	ade	PIMT_PYRFU	Fu:	439155	Ad	1JG1	1L3I	1JG2	0.84	Sc=6.31053, min distance = 2.692344
CBIT_METTH	F1	65482	sir	MTR1_RHOSH	Fu:	439155	Ad	1NW7	1L3I	1NW6	0.88	Sc=6.57075, min distance = 2.012362
CBP2_WHEAT	F1	123831	N	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1BCS	7NSE	0.89	Sc=5.96507, min distance = 1.968618
CBP2_WHEAT	F1	126494	N	NOS1_RAT	Full:	6322	L-ar	1OM4	1BCS	1K2S	0.76	Sc=5.99795, min distance = 2.294461
CBP2_WHEAT	F1	3311	S-Et	NOS1_RAT	Full:	6322	L-ar	1OM4	1BCS	1K2U		Sc=5.65655, min distance = 2.572538
CBP2_WHEAT	F1	444288	CI	KARG_LIMPO	Fu:	6322	L-ar	1M15	1BCS	1P52		Sc=5.66571, min distance = 2.529549
CBP2_WHEAT	F1	447181	VI	NOS1_RAT	Full:	6322	L-ar	1OM4	1BCS	1MMW	0.78	Sc=5.97793, min distance = 2.167334
CBP2_WHEAT	F1	9085	homc	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1BCS	1DM7	0.9	Sc=5.846, min distance = 1.96967662
CBP2_WHEAT	F1	9547942	C	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1BCS	2G60	0.84	Sc=5.80968, min distance = 2.123959
CBP2_WHEAT	F1	9750	cit	ASSY_THET8	Fu:	6322	L-ar	1KOR	1BCS	1J1Z	0.78	Sc=5.80338, min distance = 2.120281
CBR1_HUMAN	F1	444104	II	GSTP1_MOUSE	F1	124886	gl	1GSY	3BHJ	1GLP	0.9	Sc=5.86419, min distance = 2.524521
CBR1_PIG	Fu:	15942680		6PGD_LACLM	Fu:	5886	NADP	2IZ0	1N5D	2IZ1		Sc=6.36318, min distance = 1.118129
CBR3_HUMAN	F1	15942680		6PGD_LACLM	Fu:	5886	NADP	2IZ0	2HRB	2IZ1		Sc=6.35639, min distance = 1.205894
CBR3_HUMAN	F1	6022	Ader	HMDH_HUMAN	Fu:	5886	NADP	1DQA	2HRB	1HW8		Sc=5.99854, min distance = 1.989849
CBS_HUMAN	Fu:	11957353		HBA_HORSE	Fu:	444124	HE	1Y8I	1JBQ	1IWH	0.87	Sc=6.40271, min distance = 2.192471
CBS_HUMAN	Fu:	11957353		HBB_HORSE	Fu:	444124	HE	1Y8I	1JBQ	1IWH	0.87	Sc=6.80363, min distance = 2.121298
CBS_HUMAN	Fu:	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1JBQ	1TWR		Sc=6.66234, min distance = 2.100818
CBS_HUMAN	Fu:	11957385		MYG_PHYCA	Fu:	444124	HE	1U7R	1JBQ	2CMM		Sc=6.36081, min distance = 2.119175

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CBS_HUMAN	Fu: 444097	He	HBA_HUMAN	Fu: 444124	HE	1NQP	1JBQ	1RPS	0.95	Sc=6.48162, min distance = 1.991230
CBS_HUMAN	Fu: 444207	He	CP119_SULTO	Fu: 444124	HE	3B4X	1JBQ	1UE8	0.99	Sc=6.77962, min distance = 2.189230
CBS_HUMAN	Fu: 444207	He	PRXC_CALFU	Fu: 444124	HE	2CPO	1JBQ	1CPO	0.99	Sc=6.4775, min distance = 2.025760
CCA_ARCFU	Fu: 11608401		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1R8B	2UVY		Sc=6.04068, min distance = 2.068500
CCA_ARCFU	Fu: 6022	Ader	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	1R8B	2JA3	0.99	Sc=5.91441, min distance = 2.113480
CCA_ARCFU	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	1R8B	2J9D	0.99	Sc=5.77732, min distance = 2.375190
CCA_BACST	Fu: 11708454		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1MIW	2VNW		Sc=6.17435, min distance = 1.898470
CCA_BACST	Fu: 3540	lyds	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1MIW	1YDS		Sc=5.86359, min distance = 2.247370
CCA_BACST	Fu: 3547	Fasu	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1MIW	1Q8W		Sc=5.89549, min distance = 2.181240
CCA_BACST	Fu: 444852	CI	ATPB_BOVIN	Fu: 5957	Aden	2V7Q	1MIW	1COW	0.91	Sc=6.45821, min distance = 1.706820
CCA_BACST	Fu: 447840	CI	PHKG1_RABIT	Fu: 5957	Aden	1QL6	1MIW	1PHK		Sc=5.98, min distance = 1.769767490
CCA_BACST	Fu: 447916	ad	RIO1_ARCFU	Fu: 5957	Aden	1ZP9	1MIW	1ZTF	0.94	Sc=6.24577, min distance = 2.336260
CCA_BACST	Fu: 449240	ly	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1MIW	1YDR		Sc=5.94592, min distance = 2.093930
CCA_BACST	Fu: 6022	Ader	DDL_THET8	Fu: 5957	Aden	2ZDQ	1MIW	2ZDH	0.99	Sc=6.30754, min distance = 2.560690
CCA_BACST	Fu: 6022	Ader	HSP7F_YEAST	Fu: 5957	Aden	3D2F	1MIW	3C7N	0.99	Sc=6.40423, min distance = 2.132770
CCA_BACST	Fu: 6022	Ader	MUTS_ECOLI	Fu: 5957	Aden	1W7A	1MIW	1OH7	0.99	Sc=6.38867, min distance = 2.099850
CCA_BACST	Fu: 6022	Ader	PSPF_ECOLI	Fu: 5957	Aden	2C96	1MIW	2C98	0.99	Sc=6.43242, min distance = 2.144360
CCA_BACST	Fu: 6022	Ader	PURK_ECOLI	Fu: 5957	Aden	3ETH	1MIW	3ETJ	0.99	Sc=6.40508, min distance = 1.937570
CCA_BACST	Fu: 6022	Ader	PURP_METJA	Fu: 5957	Aden	2R7L	1MIW	2R7N	0.99	Sc=6.02241, min distance = 2.302840
CCA_BACST	Fu: 6022	Ader	Q72H90_THET2	Fu: 5957	Aden	2BEK	1MIW	2BEJ	0.99	Sc=6.40345, min distance = 2.061080
CCA_BACST	Fu: 6022	Ader	REX_BACSU	Fu: 5957	Aden	2VT3	1MIW	2VT2	0.99	Sc=5.94395, min distance = 1.900640
CCA_BACST	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	1MIW	2J9D	0.99	Sc=6.41137, min distance = 2.082630
CCA_BACST	Fu: 6083	ader	PURP_METJA	Fu: 5957	Aden	2R7L	1MIW	2R7M	0.98	Sc=6.31031, min distance = 2.560740
CCA_BACST	Fu: 6083	ader	Y059_METJA	Fu: 5957	Aden	2J9C	1MIW	2J9D	0.98	Sc=5.8653, min distance = 2.1294420
CCA_BACST	Fu: 65070	dUT	Q381M1_9TRYP	Fu: 6176	Cyti	2Q0C	1MIY	2NOM	0.8	Sc=6.35471, min distance = 2.037550
CCMH_PSEAE	Fu: 439353	be	O96048_LUMTE	Fu: 8172	Trig	2DRY	2HL7	2DS0		Sc=5.75684, min distance = 1.708050
CCPR_YEAST	Fu: 11957353		HBA_HORSE	Fu: 444098	HE	2D5X	2EUT	1IWH	0.83	Sc=6.75934, min distance = 2.434560
CCPR_YEAST	Fu: 11957353		HBA_HORSE	Fu: 444522	HE	1Y8K	3E2O	1IWH	0.87	Sc=6.75861, min distance = 2.317720
CCPR_YEAST	Fu: 11957355		CYB_BOVIN	Fu: 444522	HE	1BGY	3E2O	1L0L	0.81	Sc=6.813, min distance = 2.20541370
CCPR_YEAST	Fu: 11957361		CYB_BOVIN	Fu: 444522	HE	1BGY	3E2O	1NTZ	0.84	Sc=6.77308, min distance = 2.239050
CCPR_YEAST	Fu: 11957363		HBA_HUMAN	Fu: 444522	HE	2DN1	3E2O	1RQA	0.81	Sc=6.77383, min distance = 1.972980
CCPR_YEAST	Fu: 11957385		MYG_PHYCA	Fu: 444098	HE	1A6M	2EUT	2CMM		Sc=6.21202, min distance = 2.448040
CCPR_YEAST	Fu: 11957385		MYG_PHYCA	Fu: 444207	He	1VXG	2CCP	2CMM		Sc=6.08782, min distance = 2.228080
CCPR_YEAST	Fu: 11957385		MYG_PHYCA	Fu: 444522	HE	1VXD	3E2O	2CMM		Sc=6.11427, min distance = 2.436920
CCPR_YEAST	Fu: 16741062		MYG_PHYCA	Fu: 444098	HE	1A6M	2EUT	1MBN	0.84	Sc=6.75934, min distance = 2.217930
CCPR_YEAST	Fu: 16741062		MYG_PHYCA	Fu: 444522	HE	1VXD	3E2O	1MBN	0.88	Sc=6.76669, min distance = 2.193470
CCPR_YEAST	Fu: 16741183		MYG_PHYCA	Fu: 444207	He	1VXG	2CCP	2EKT	0.93	Sc=6.52282, min distance = 2.183150

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CCPR_YEAST	F	24139	acc	Q309D1_9AGAR	I	78165	MES	2BWR	1BES	2C4D			Sc=6.08392, min distance = 1.76732
CCPR_YEAST	F	4369228	C	PER_COPCI	Fu	444522	HE	1H3J	3E2O	1LYC	24.12	0.96	Sc=6.77486, min distance = 2.01548
CCPR_YEAST	F	8200	TETF	LMBL1_HUMAN	F	78165	MES	1OZ2	1BES	2RHI			Sc=5.69304, min distance = 2.17704
CD1D1_MOUSE	I	12389	Tet	LTC4S_HUMAN	F	985	palmi	2UUH	2FIK	2UUI			Sc=6.02929, min distance = 2.02355
CD1D1_MOUSE	I	14253	Cet	FABP4_MOUSE	F	985	palmi	1LIE	2FIK	1LIC			Sc=5.73291, min distance = 2.09709
CD1D1_MOUSE	I	440552	1k	MBL1_RAT	Full	439554	fu	3KMB	1ZHN	1AFB			Sc=6.02522, min distance = 2.20881
CD1D1_MOUSE	I	446578	1r	MBL1_RAT	Full	439554	fu	3KMB	1ZHN	1KWW	0.96		Sc=5.62916, min distance = 2.47257
CD1D1_MOUSE	I	447681	al	S14L2_HUMAN	F	985	palmi	1O6U	2FIK	1OLM			Sc=6.43541, min distance = 2.04784
CD209_HUMAN	I	445948	D	Q9HYN5_PSEAE	I	439353	be	1W8F	1SL5	1OXC			Sc=5.71337, min distance = 1.77187
CD209_HUMAN	I	446578	1r	MBL1_RAT	Full	439554	fu	3KMB	1SL5	1KWW	0.96		Sc=5.62687, min distance = 2.31845
CDC2H_PLAFK	I	10138993		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2R64	63.31		Sc=6.38883, min distance = 2.50470
CDC2H_PLAFK	I	10224714		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	3DDP	63.31		Sc=6.55888, min distance = 1.88558
CDC2H_PLAFK	I	11957417		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2I4O	63.31		Sc=6.34181, min distance = 1.87858
CDC2H_PLAFK	I	16214823		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2UZB	63.31		Sc=6.14747, min distance = 2.17739
CDC2H_PLAFK	I	16214825		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2UZE	63.31		Sc=6.30452, min distance = 2.68075
CDC2H_PLAFK	I	16214826		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2UZL	63.31		Sc=6.18641, min distance = 2.09823
CDC2H_PLAFK	I	1694	TBBt	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1P5E	63.31		Sc=5.73522, min distance = 0.59135
CDC2H_PLAFK	I	23653518		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2R3J	63.31		Sc=6.30014, min distance = 2.45796
CDC2H_PLAFK	I	23653520		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2R3L	63.31		Sc=6.30014, min distance = 2.33659
CDC2H_PLAFK	I	23653522		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2R3N	63.31		Sc=6.35717, min distance = 2.25944
CDC2H_PLAFK	I	23653526		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2R3R	63.31		Sc=6.29556, min distance = 2.15251
CDC2H_PLAFK	I	23727981		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	3BHT	63.31		Sc=6.1949, min distance = 2.215736
CDC2H_PLAFK	I	24864080		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2VTR	63.31		Sc=6.00955, min distance = 2.78309
CDC2H_PLAFK	I	24901723		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2W06	63.31		Sc=6.32861, min distance = 2.25829
CDC2H_PLAFK	I	24916751		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	3DOG	63.31		Sc=6.40849, min distance = 2.04872
CDC2H_PLAFK	I	24963033		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2W05	63.31		Sc=6.27947, min distance = 1.78725
CDC2H_PLAFK	I	25021197		CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	3EOC	63.31		Sc=6.29719, min distance = 2.17095
CDC2H_PLAFK	I	4369136	C	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1DM2	63.31		Sc=6.25697, min distance = 2.90594
CDC2H_PLAFK	I	445840	di	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1GII	63.31		Sc=6.26256, min distance = 2.66934
CDC2H_PLAFK	I	447652	In	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1OIQ	63.31		Sc=6.16445, min distance = 2.94581
CDC2H_PLAFK	I	447653	CI	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1OIR	63.31		Sc=6.45049, min distance = 2.44151
CDC2H_PLAFK	I	447654	CI	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1OIT	63.31		Sc=6.21174, min distance = 2.09536
CDC2H_PLAFK	I	447655	1c	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1OIU	63.31		Sc=6.34611, min distance = 1.00553
CDC2H_PLAFK	I	447656	1c	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1OIY	63.31		Sc=6.50391, min distance = 1.50327
CDC2H_PLAFK	I	447962	1g	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	2C5N	63.31		Sc=6.17619, min distance = 2.46737
CDC2H_PLAFK	I	447967	CI	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1PYE	63.31		Sc=6.40312, min distance = 2.17050
CDC2H_PLAFK	I	4566	1h1s	CDK2_HUMAN	Fu	5288641	i	1E9H	1V0O	1H1S	63.31		Sc=6.35467, min distance = 1.48434

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CDC2H_PLAFK	1	5287845	N	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	2BHE	63.31	0.8	Sc=6.20591, min distance = 3.11938
CDC2H_PLAFK	1	5326844	C	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	1URW	63.31		Sc=6.48377, min distance = 2.14609
CDC2H_PLAFK	1	5327096	2	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	2BTR	63.31		Sc=6.10815, min distance = 2.35535
CDC2H_PLAFK	1	5327097	2	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	2BTS	63.31		Sc=5.9415, min distance = 2.249018
CDC2H_PLAFK	1	5331010	d	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	2BKZ	63.31		Sc=6.32735, min distance = 1.67781
CDC2H_PLAFK	1	6420138	2	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	2UUE	63.31		Sc=6.35712, min distance = 1.48457
CDC2H_PLAFK	1	6420139	0	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	2C5V	63.31		Sc=6.17098, min distance = 1.93473
CDC2H_PLAFK	1	6918710	5	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	3EJ1	63.31		Sc=6.13424, min distance = 2.78929
CDC2H_PLAFK	1	9817550	V	CDK2_HUMAN	Fu	5288641	i	1E9H	1V00	3BHV	63.31		Sc=6.38435, min distance = 2.19147
CDC42_HUMAN	1	188347	pp	ARF1_BOVIN	Fu	8977	1dar	1R8S	2NGR	1R8Q		0.99	Sc=6.05226, min distance = 1.97236
CDC42_HUMAN	1	188347	pp	ARL5A_HUMAN	Fu	8977	1dar	2H17	2NGR	1ZJ6		0.99	Sc=6.05443, min distance = 2.41222
CDC42_HUMAN	1	37792	gar	GNA13_MOUSE	Fu	8977	1dar	1ZCB	2NGR	3CX8		0.99	Sc=6.51572, min distance = 2.05979
CDC42_HUMAN	1	37792	gar	GNAI1_RAT	Fu	8977	1dar	1SVK	2NGR	1AS0		0.99	Sc=6.05478, min distance = 2.41525
CDC42_HUMAN	1	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	2NGR	2FFQ		0.99	Sc=6.51984, min distance = 2.51954
CDC42_HUMAN	1	37792	gar	RAC1_HUMAN	Fu	8977	1dar	1RYF	2NGR	2FJU		0.99	Sc=6.0789, min distance = 2.349572
CDC42_HUMAN	1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	2NGR	1OIW		0.99	Sc=5.7784, min distance = 2.616638
CDC42_HUMAN	1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	2NGR	1CXZ		0.99	Sc=6.0761, min distance = 2.241561
CDC42_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1NF3	1GNP			Sc=6.71675, min distance = 2.47893
CDC42_HUMAN	1	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2NGR	1GNP			Sc=6.38819, min distance = 2.35840
CDC42_HUMAN	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2NGR	1IBR			Sc=6.53998, min distance = 2.28724
CDC42_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2NGR	1IAQ			Sc=6.5116, min distance = 2.450446
CDC42_HUMAN	1	446248	CI	RASH_HUMAN	Fu	93082	Gab	121P	2ODB	1IAQ			Sc=6.49148, min distance = 2.73241
CDC42_HUMAN	1	6802	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	2NGR	1IH7		0.94	Sc=6.2848, min distance = 2.426892
CDC42_HUMAN	1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	2NGR	1WAJ		0.99	Sc=6.36681, min distance = 2.22069
CDC42_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2NGR	1G7C		0.99	Sc=5.94771, min distance = 2.82523
CDC61_SULSO	1	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1P5E			Sc=5.65758, min distance = 1.91455
CDC61_SULSO	1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1E1X			Sc=6.245, min distance = 1.9008482
CDC61_SULSO	1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2QBY	1BS1		0.91	Sc=6.43242, min distance = 2.12186
CDC61_SULSO	1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1GZ8			Sc=6.17643, min distance = 2.42290
CDC61_SULSO	1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1H0V			Sc=6.23554, min distance = 1.84834
CDC61_SULSO	1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2QBY	1ZTF		0.95	Sc=6.2074, min distance = 2.675788
CDC61_SULSO	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1PXI			Sc=5.6805, min distance = 1.906123
CDC61_SULSO	1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1E1V			Sc=6.18981, min distance = 2.05953
CDC61_SULSO	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QBY	1H1R			Sc=6.09002, min distance = 2.23964
CDC61_SULSO	1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2QBY	1A82		0.99	Sc=6.48858, min distance = 2.24243
CDC61_SULSO	1	5957	Ader	PURL_THEMEA	Fu	6022	Aden	2HRU	2QBY	2HS0		0.99	Sc=6.0743, min distance = 2.379921
CDC61_SULSO	1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2QBY	2VII		0.99	Sc=6.34967, min distance = 2.51347

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CDC61_SULSO	1	60961	add	SKY1_YEAST	Fu:	6022	Aden	1Q8Y	2QBY	1Q97	0.95	Sc=6.25346, min distance = 2.039479
CDC61_SULSO	1	6132	Cyti	ECX2_PYRAB	Fu:	6022	Aden	2PO0	2QBY	2PO2		Sc=6.29835, min distance = 2.235796
CDC61_SULSO	1	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	2QBY	1QYE	0.89	Sc=6.14143, min distance = 2.127781
CDC61_SULSO	1	91532	AMF	AROK_MYCTU	Fu:	6022	Aden	2IYV	2QBY	1ZYU	0.99	Sc=6.51375, min distance = 2.207449
CDC63_SULSO	1	1694	TBBt	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2QBY	1P5E		Sc=5.68884, min distance = 1.827826
CDC63_SULSO	1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2QBY	1BS1	0.91	Sc=5.71284, min distance = 2.333997
CDC63_SULSO	1	447004	CI	MYS2_DICDI	Fu:	6022	Aden	1VOM	2QBY	1LVK		Sc=6.5341, min distance = 2.2356408
CDC63_SULSO	1	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	2QBY	1W7A	0.99	Sc=6.05478, min distance = 2.088644
CDC63_SULSO	1	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	2QBY	1QYE	0.89	Sc=6.17804, min distance = 2.096188
CDC6_AERPE	F:	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2V1U	1E1X		Sc=6.22816, min distance = 1.696172
CDC6_AERPE	F:	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2V1U	1H0V		Sc=6.21668, min distance = 2.152910
CDC6_AERPE	F:	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2V1U	1E1V		Sc=6.17225, min distance = 2.808671
CDC6_AERPE	F:	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2V1U	1H1R		Sc=6.38583, min distance = 1.315041
CDC6_AERPE	F:	5957	Ader	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2V1U	1A82	0.99	Sc=6.48384, min distance = 2.300607
CDC6_AERPE	F:	5957	Ader	KTHY_HUMAN	Fu:	6022	Aden	1NN3	2V1U	1E2Q	0.99	Sc=6.47797, min distance = 2.101660
CDC6_AERPE	F:	6083	ader	PSPF_ECOLI	Fu:	6022	Aden	2C98	2V1U	2VII	0.99	Sc=5.89926, min distance = 2.595281
CDC6_AERPE	F:	6132	Cyti	ECX2_PYRAB	Fu:	6022	Aden	2PO0	2V1U	2PO2		Sc=6.30041, min distance = 2.023841
CDC6_AERPE	F:	91532	AMF	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2V1U	1DAG	0.99	Sc=6.50006, min distance = 2.362238
CDGT1_BACCI	1	193758	Va	CDGT2_BACCI	F:	79025	alp	1D3C	1CGU	1DTU	74.31	Sc=5.90004, min distance = 0.764087
CDGT1_BACCI	1	444915	GI	CDGT2_BACCI	F:	79025	alp	1D3C	1CGU	1CXL	74.31	0.85 Sc=5.83046, min distance = 0.375776
CDGT1_BACCI	1	446000	CI	AMYP_PIG	Full:	79025	alp	1HX0	1CGU	1JFH	0.83	Sc=5.62192, min distance = 2.790630
CDGT1_BACCI	1	446564	LI	BACR_HALSA	Fu:	79025	alp	1DZE	1CGU	1JV7		Sc=5.71926, min distance = 0.626409
CDGT1_BACCI	1	446685	Va	CDGT2_BACCI	F:	79025	alp	1D3C	1CGU	1KCK	74.31	Sc=5.93216, min distance = 1.384602
CDGT1_BACCI	1	447600	CI	AMY1_HORVU	Fu:	79025	alp	1RP8	1CGU	1P6W	22.83	0.83 Sc=5.74491, min distance = 1.701709
CDGT1_BACCI	1	448009	TH	AMY1_HUMAN	Fu:	444139	CI	3DHP	6CGT	1Q4N		Sc=5.66576, min distance = 2.764820
CDGT2_BACCI	1	125409	be	AMYB_BACCE	Fu:	79025	alp	1VEM	1D3C	1J10	37.84	0.93 Sc=5.83878, min distance = 1.039352
CDGT2_BACCI	1	13455857		IGKC_MOUSE	Fu:	79025	alp	3BZ4	1D3C	3C6S	0.83	Sc=5.82976, min distance = 0.883840
CDGT2_BACCI	1	15600	DEC	BACR_HALSA	Fu:	79025	alp	1DZE	1D3C	1XJI		Sc=5.62596, min distance = 1.066889
CDGT2_BACCI	1	164795	N	RBCMT_PEA	Ful:	23831	HEP	1MLV	1OT1	2H2J		Sc=5.6966, min distance = 2.0495394
CDGT2_BACCI	1	1983	acet	TRFL_BOVIN	Fu:	79025	alp	2DWJ	1D3C	2OCU		Sc=5.79875, min distance = 1.171051
CDGT2_BACCI	1	444140	CI	CDGT_THETU	Fu:	193758	Va	3BMW	1DTU	1A47	70.41	Sc=5.69173, min distance = 2.422170
CDGT2_BACCI	1	444140	CI	CDGT_THETU	Fu:	444139	CI	3BMW	1DTU	1A47	70.41	Sc=5.6631, min distance = 2.4980110
CDGT2_BACCI	1	444140	CI	CDGT_THETU	Fu:	79025	alp	3BMW	1D3C	1A47	70.41	Sc=5.63829, min distance = 1.101022
CDGT2_BACCI	1	444809	TH	AMY1_HORVU	Fu:	79025	alp	1RP8	1D3C	1P6W	24.63	0.78 Sc=5.95248, min distance = 0.746049
CDGT2_BACCI	1	446564	LI	BACR_HALSA	Fu:	79025	alp	1DZE	1D3C	1JV7		Sc=5.85492, min distance = 0.841958
CDGT2_BACCI	1	449571	CI	CDGT1_BACCI	F:	79025	alp	1CGU	1D3C	6CGT	74.31	Sc=5.75553, min distance = 1.774496
CDGT2_BACCI	1	5962	L-ly	RBCMT_PEA	Ful:	23831	HEP	1MLV	1OT1	2H2E		Sc=5.6153, min distance = 2.2904979

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CDGT2_BACCI	1	64960	Pol	AMYB_BACCE	Fu	79025	alp	1VEM	1D3C	1VEN	37.84	0.89	Sc=5.73005, min distance = 1.267460
CDGT_BACSO	F1	14257	Unc	BACR_HALSA	Fu	79025	alp	1DZE	1UKS	1CWQ			Sc=5.6901, min distance = 1.2809875
CDGT_BACSO	F1	447607	1c	Q79G13_MYCTU	1	64689	bet	1UP0	1UKS	1UP2			Sc=5.62522, min distance = 2.215050
CDGT_THETU	F1	125409	be	AMYB_BACCE	Fu	79025	alp	1VEM	3BMW	1J10	40	0.93	Sc=5.8193, min distance = 0.8725944
CDGT_THETU	F1	444809	Th	AMY1_HORVU	Fu	79025	alp	1RP8	3BMW	1P6W		0.78	Sc=5.90354, min distance = 1.001850
CDGT_THETU	F1	444915	Gl	CDGT2_BACCI	F1	79025	alp	1D3C	3BMW	1CXL	70.41	0.85	Sc=5.78478, min distance = 0.681448
CDGT_THETU	F1	446685	Va	CDGT2_BACCI	F1	193758	Va	1DTU	3BMW	1KCK	70.41		Sc=5.7665, min distance = 2.6232249
CDGT_THETU	F1	446685	Va	CDGT2_BACCI	F1	444139	CI	1DTU	3BMW	1KCK	70.41		Sc=5.77279, min distance = 2.274560
CDGT_THETU	F1	446685	Va	CDGT2_BACCI	F1	79025	alp	1D3C	3BMW	1KCK	70.41		Sc=5.99282, min distance = 0.758850
CDH_PHACH	Fu	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1D7B	1TWN			Sc=6.64931, min distance = 2.070404
CDH_PHACH	Fu	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1PL3	2CMM			Sc=6.27294, min distance = 2.083410
CDH_PHACH	Fu	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1D7B	2CMM			Sc=6.25433, min distance = 2.006060
CDK2_HUMAN	F1	10109823		PIM1_HUMAN	Fu	444345	1c	1YHS	1AQ1	3CY3	31.71		Sc=6.33385, min distance = 2.859460
CDK2_HUMAN	F1	10125830		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2AYP	35.05		Sc=6.36081, min distance = 2.338770
CDK2_HUMAN	F1	10156987		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	2HXQ	35.05		Sc=6.35263, min distance = 1.988020
CDK2_HUMAN	F1	11314340		KAPCA_BOVIN	F1	444345	1c	1STC	1AQ1	2UZT	34.78		Sc=6.32862, min distance = 2.266650
CDK2_HUMAN	F1	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2E9U	35.05		Sc=6.21736, min distance = 2.096770
CDK2_HUMAN	F1	11348631		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	2E9U	35.05		Sc=6.21852, min distance = 2.130370
CDK2_HUMAN	F1	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	1AQ1	2OF2	28.39		Sc=6.17416, min distance = 2.463010
CDK2_HUMAN	F1	15991572		LCK_HUMAN	Fu	444345	1c	1QPD	1AQ1	2OF4	28.39		Sc=6.14432, min distance = 2.620410
CDK2_HUMAN	F1	16122608		PDPK1_HUMAN	F1	72271	7-H	1OKZ	1PKD	2PE1	29.3		Sc=6.32871, min distance = 2.241350
CDK2_HUMAN	F1	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2YWP	35.05		Sc=6.26319, min distance = 2.180170
CDK2_HUMAN	F1	16122643		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	2YWP	35.05		Sc=6.28602, min distance = 2.151480
CDK2_HUMAN	F1	1907917	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2CGW	35.05		Sc=6.10229, min distance = 2.816220
CDK2_HUMAN	F1	23657800		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2E9P	35.05		Sc=6.2584, min distance = 2.088740
CDK2_HUMAN	F1	23657800		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	2E9P	35.05		Sc=6.25731, min distance = 2.066970
CDK2_HUMAN	F1	24752838		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2QHM	35.05		Sc=6.03438, min distance = 2.204440
CDK2_HUMAN	F1	24752838		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	2QHM	35.05		Sc=6.0326, min distance = 2.7087830
CDK2_HUMAN	F1	24905143		PK3CG_HUMAN	F1	444345	1c	1E8Z	1AQ1	2V4L			Sc=5.98927, min distance = 2.921280
CDK2_HUMAN	F1	24905144		PK3CG_HUMAN	F1	444345	1c	1E8Z	1AQ1	3ENE			Sc=6.0821, min distance = 2.5879850
CDK2_HUMAN	F1	33113	gan	IRAQ4_HUMAN	F1	444345	1c	2NRY	1AQ1	2OID	35.75		Sc=5.98891, min distance = 2.080270
CDK2_HUMAN	F1	3973	nche	PIM1_HUMAN	Fu	444345	1c	1YHS	1AQ1	1YI3	31.71		Sc=5.87431, min distance = 2.401360
CDK2_HUMAN	F1	444564	Ad	BIOD_ECOLI	Fu	6022	Aden	1DAD	1GY3	1BS1		0.91	Sc=6.31795, min distance = 2.179320
CDK2_HUMAN	F1	444564	Ad	MYS2_DICDI	Fu	6022	Aden	1VOM	1GY3	1W9I		0.91	Sc=5.91756, min distance = 2.005930
CDK2_HUMAN	F1	448005	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	1GY3	1Q3W	35.44		Sc=6.34373, min distance = 0.790710
CDK2_HUMAN	F1	448043	2c	KAPCA_BOVIN	F1	444345	1c	1STC	1AQ1	1Q8U	34.78		Sc=5.97066, min distance = 2.504440
CDK2_HUMAN	F1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	1GY3	1QY5		0.81	Sc=5.92946, min distance = 2.454820

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CDK2_HUMAN	F1	448991	PLA	CDC2H_PLAFK	F1	5288641	i	1V00	1E9H	1V0P	63.31		Sc=6.52668, min distance = 1.54910
CDK2_HUMAN	F1	5287844		GSK3B_HUMAN	F1	6022	Aden	1J1C	1GY3	1UV5	35.44		Sc=6.2139, min distance = 2.344204
CDK2_HUMAN	F1	5326739		CDK5_HUMAN	Fu	160355	rc	1UNL	3DDQ	1UNH	60		Sc=6.27969, min distance = 2.43524
CDK2_HUMAN	F1	5326739		GSK3B_HUMAN	F1	6022	Aden	1J1C	1GY3	1Q41	35.44		Sc=6.30199, min distance = 2.18181
CDK2_HUMAN	F1	5326843		CDK5_HUMAN	Fu	160355	rc	1UNL	3DDQ	1UNG	60		Sc=6.09535, min distance = 2.34783
CDK2_HUMAN	F1	5326935		HS90A_HUMAN	F1	6022	Aden	1BYQ	1GY3	1YC4			Sc=6.34616, min distance = 2.21347
CDK2_HUMAN	F1	5327103		HS90A_HUMAN	F1	6022	Aden	1BYQ	1GY3	2BYH			Sc=6.41316, min distance = 2.00354
CDK2_HUMAN	F1	5327104		HS90A_HUMAN	F1	6022	Aden	1BYQ	1GY3	2BYI			Sc=6.43407, min distance = 2.20610
CDK2_HUMAN	F1	5327121		PIM1_HUMAN	Fu	444345	1c	1YHS	1AQ1	2C3I	31.71		Sc=6.11904, min distance = 2.51804
CDK2_HUMAN	F1	5327122		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2C3K	35.05		Sc=6.40106, min distance = 2.54363
CDK2_HUMAN	F1	5327123		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2C3L	35.05		Sc=6.13712, min distance = 2.14343
CDK2_HUMAN	F1	5327148		IPKA_RABIT	Fu	6022	Aden	1JBP	1GY3	2ERZ			Sc=6.05419, min distance = 2.37933
CDK2_HUMAN	F1	5403427		PDK4_HUMAN	Fu	6022	Aden	2ZKJ	1GY3	2ZDX			Sc=6.32894, min distance = 1.72496
CDK2_HUMAN	F1	6082103		HSP82_YEAST	F1	6022	Aden	1AMW	1GY3	2BRC			Sc=6.36522, min distance = 2.07324
CDK2_HUMAN	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1GY3	2R7M		0.99	Sc=6.24096, min distance = 2.31511
CDK2_HUMAN	F1	60961	ade	PIM1_HUMAN	Fu	444345	1c	1YHS	1AQ1	1YI4	31.71		Sc=6.1349, min distance = 2.30341
CDK2_HUMAN	F1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1GY3	1Q97	30.75	0.95	Sc=6.0831, min distance = 2.90468
CDK2_HUMAN	F1	6102787		HS90A_HUMAN	F1	6022	Aden	1BYQ	1GY3	2CCS			Sc=6.2347, min distance = 2.19038
CDK2_HUMAN	F1	6540272		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	2CGU	35.05		Sc=6.38895, min distance = 2.25194
CDK2_HUMAN	F1	6540273		CHK1_HUMAN	Fu	444345	1c	1NVR	1AQ1	2CGV	35.05		Sc=6.15391, min distance = 2.80712
CDK2_HUMAN	F1	657138	1z	PDPK1_HUMAN	F1	72271	7-H	1OKZ	1PKD	1Z5M	29.3		Sc=6.63523, min distance = 2.22662
CDK2_HUMAN	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1GY3	2DXF		0.8	Sc=5.91324, min distance = 2.18460
CDK2_HUMAN	F1	6852207	M	KAPCA_BOVIN	F1	444345	1c	1STC	1AQ1	2GNI	34.78		Sc=5.90944, min distance = 2.25976
CDK2_HUMAN	F1	6914568		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1PKD	1ZYS	35.05		Sc=6.38166, min distance = 2.31045
CDK2_HUMAN	F1	6914614		IPKA_RABIT	Fu	6022	Aden	1JBP	1GY3	2F7Z			Sc=6.35776, min distance = 1.85846
CDK2_HUMAN	F1	8977	1dar	NDK_THET8	Fu	6022	Aden	1WKL	1GY3	1WKK		0.8	Sc=6.02602, min distance = 2.00327
CDK2_HUMAN	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	1GY3	2CVW		0.8	Sc=5.87555, min distance = 2.09724
CDK2_HUMAN	F1	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	1GY3	2PUL		0.99	Sc=5.96884, min distance = 1.90564
CDK2_HUMAN	F1	9543433	T	NDKC_DICDI	Fu	6022	Aden	1KDN	1GY3	1F6T			Sc=6.23033, min distance = 1.37445
CDK5_HUMAN	F1	1540	1h1c	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1H1Q	60	0.76	Sc=6.43362, min distance = 1.29413
CDK5_HUMAN	F1	16113377		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2W17	60		Sc=6.53721, min distance = 1.49699
CDK5_HUMAN	F1	23653515		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2R3F	60		Sc=6.07949, min distance = 2.15580
CDK5_HUMAN	F1	23653518		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2R3J	60		Sc=6.25253, min distance = 2.07964
CDK5_HUMAN	F1	23653520		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2R3L	60		Sc=6.2584, min distance = 2.22276
CDK5_HUMAN	F1	23653524		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2R3P	60		Sc=6.21614, min distance = 2.46095
CDK5_HUMAN	F1	24864080		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2VTR	60		Sc=6.00759, min distance = 2.04606
CDK5_HUMAN	F1	24864081		CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2VTS	60		Sc=6.29375, min distance = 2.08890

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CDK5_HUMAN	F1	25021197	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	3EOC	60	Sc=6.43052, min distance = 1.283705
CDK5_HUMAN	F1	4369136	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1DM2	60	Sc=6.24611, min distance = 2.200505
CDK5_HUMAN	F1	445940	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1GZ8	60	Sc=6.03031, min distance = 2.119735
CDK5_HUMAN	F1	447649	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1OI9	60	Sc=6.4305, min distance = 2.3117584
CDK5_HUMAN	F1	447652	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1OIQ	60	0.77 Sc=6.23595, min distance = 2.156032
CDK5_HUMAN	F1	447655	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1OIU	60	Sc=6.3051, min distance = 1.6675221
CDK5_HUMAN	F1	447656	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1Oiy	60	Sc=6.52025, min distance = 1.356105
CDK5_HUMAN	F1	447956	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2C50	60	Sc=5.96517, min distance = 1.265246
CDK5_HUMAN	F1	447962	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2C5N	60	Sc=6.30227, min distance = 1.748195
CDK5_HUMAN	F1	449087	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1VYW	60	Sc=6.30924, min distance = 1.228464
CDK5_HUMAN	F1	4565	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1H1R	60	Sc=6.34884, min distance = 2.002296
CDK5_HUMAN	F1	4566	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	1H1S	60	Sc=6.4219, min distance = 1.6677171
CDK5_HUMAN	F1	5327096	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2BTR	60	Sc=6.122, min distance = 2.12543546
CDK5_HUMAN	F1	5327130	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2C68	60	Sc=6.25618, min distance = 2.499875
CDK5_HUMAN	F1	5331010	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2BKZ	60	Sc=6.33549, min distance = 1.915501
CDK5_HUMAN	F1	6420138	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2UUE	60	Sc=6.42499, min distance = 1.998566
CDK5_HUMAN	F1	6420139	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2C5V	60	Sc=6.27565, min distance = 2.237671
CDK5_HUMAN	F1	6918710	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	3EJ1	60	Sc=6.24046, min distance = 2.081445
CDK5_HUMAN	F1	9549254	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	2IW6	60	Sc=6.54421, min distance = 2.128146
CDK5_HUMAN	F1	9817550	CDK2_HUMAN	Fu	160355	rc	3DDQ	1UNL	3BHV	60	Sc=6.34808, min distance = 2.177300
CDK7_HUMAN	F1	11957393	FAK1_HUMAN	Fu	5957	Aden	2IJM	1UA2	2ETM		Sc=6.34408, min distance = 2.031196
CDK7_HUMAN	F1	129236	CKI1_SCHPO	Fu	5957	Aden	1CSN	1UA2	2CSN		Sc=5.8288, min distance = 1.4363182
CDK7_HUMAN	F1	16122608	PDPK1_HUMAN	F1	5957	Aden	2BIY	1UA2	2PE1		Sc=6.35949, min distance = 2.242752
CDK7_HUMAN	F1	17751819	KAPCA_BOVIN	F1	5957	Aden	1Q24	1UA2	2VO6		Sc=6.30822, min distance = 1.370721
CDK7_HUMAN	F1	2396	PDPK1_HUMAN	F1	5957	Aden	2BIY	1UA2	1UU8		Sc=6.37624, min distance = 1.856304
CDK7_HUMAN	F1	2398	PDPK1_HUMAN	F1	5957	Aden	2BIY	1UA2	1UU9		Sc=6.41952, min distance = 2.044152
CDK7_HUMAN	F1	3547	KAPCA_BOVIN	F1	5957	Aden	1Q24	1UA2	1Q8W		Sc=5.92897, min distance = 2.010161
CDK7_HUMAN	F1	444564	MYS2_DICDI	Fu	5957	Aden	1FMW	1UA2	1W9I	0.91	Sc=5.92054, min distance = 0
CDK7_HUMAN	F1	448042	KAPCA_BOVIN	F1	5957	Aden	1Q24	1UA2	1Q8T		Sc=5.99448, min distance = 2.174269
CDK7_HUMAN	F1	449240	KAPCA_BOVIN	F1	5957	Aden	1Q24	1UA2	1YDR		Sc=5.9329, min distance = 2.0449371
CDK7_HUMAN	F1	6022	BIOD_ECOLI	Fu	5957	Aden	1A82	1UA2	1DAD	0.99	Sc=6.37067, min distance = 2.188475
CDK7_HUMAN	F1	6022	GLGS_SOLTU	Fu	5957	Aden	1YP3	1UA2	1YP4	0.99	Sc=5.96229, min distance = 1.939930
CDK7_HUMAN	F1	6022	MUTS_ECOLI	Fu	5957	Aden	1W7A	1UA2	1OH7	0.99	Sc=5.89581, min distance = 2.198881
CDK7_HUMAN	F1	6022	NIFH1_AZOVI	F1	5957	Aden	2C8V	1UA2	1FP6	0.99	Sc=6.33805, min distance = 2.143595
CDK7_HUMAN	F1	6022	PDXK_SHEEP	Fu	5957	Aden	1LHR	1UA2	1RFU	0.99	Sc=6.34738, min distance = 1.903225
CDK7_HUMAN	F1	6022	PURK_ECOLI	Fu	5957	Aden	3ETH	1UA2	3ETJ	0.99	Sc=6.33457, min distance = 2.454176
CDK7_HUMAN	F1	6022	Q72H90_THET2	1	5957	Aden	2BEK	1UA2	2BEJ	0.99	Sc=5.98592, min distance = 2.580859

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CDK7_HUMAN	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1UA2	2J9D	0.99	Sc=6.01285, min distance = 1.997679
CDK7_HUMAN	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1UA2	2R85	0.98	Sc=5.93427, min distance = 2.051662
CDK7_HUMAN	F1	60961	ade	SYQ_ECOLI	Ful	5957	Aden	1GTR	1UA2	100B	0.94	Sc=6.16533, min distance = 3.056472
CDK7_HUMAN	F1	6830	guar	Q381M1_9TRYP	I	5957	Aden	2Q0D	1UA2	2Q0E	0.8	Sc=6.00149, min distance = 2.081109
CDK9_HUMAN	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BLQ	2VNW	27.75	Sc=5.9635, min distance = 2.6759209
CDK9_HUMAN	F1	11957393		FAK1_HUMAN	Fu	5957	Aden	2IJM	3BLQ	2ETM	26.11	Sc=6.20589, min distance = 2.042449
CDK9_HUMAN	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	3BLQ	3ETJ	0.99	Sc=5.73777, min distance = 2.204342
CDK9_HUMAN	F1	6022	Ader	REX_BACSU	Ful	5957	Aden	2VT3	3BLQ	2VT2	0.99	Sc=5.88887, min distance = 2.793856
CDR_STAA8	Fu	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1YQZ	1E39	0.93	Sc=6.42523, min distance = 2.209226
CDR_STAA8	Fu	24757937		LSD1_HUMAN	Fu	444188	CI	2DW4	1YQZ	2Z5U		Sc=6.21849, min distance = 2.029586
CDR_STAA8	Fu	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1YQZ	1QJD	0.98	Sc=6.4251, min distance = 2.2879571
CDR_STAA8	Fu	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1YQZ	1BWC	0.98	Sc=6.42389, min distance = 2.272299
CEA3_ECOLX	F1	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	2B5U	2H3E		Sc=6.07592, min distance = 1.568634
CEA3_ECOLX	F1	39981	Spa	PYRB_ECOLI	Fu	311	citri	1R0B	2B5U	1EKX		Sc=6.07592, min distance = 1.486467
CEA3_ECOLX	F1	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	2B5U	1IIH		Sc=5.65858, min distance = 0.881836
CEA3_ECOLX	F1	447532	1c	SRC_HUMAN	Ful	311	citri	1O4L	2B5U	1O4H		Sc=5.95657, min distance = 2.191914
CEA3_ECOLX	F1	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	2B5U	4TIM		Sc=5.63574, min distance = 1.318016
CEA5_ECOLX	F1	101544	2'	RNAS1_BOVIN	F1	449392	1w	1W4P	2DJH	1ROB	0.8	Sc=6.2851, min distance = 2.4856186
CEA5_ECOLX	F1	5326862	C	RNAS1_BOVIN	F1	449392	1w	1W4P	2DJH	1W4O	0.84	Sc=6.29236, min distance = 2.456110
CEA5_ECOLX	F1	656946	CI	RNAS1_BOVIN	F1	449392	1w	1W4P	2DJH	1W4Q	0.76	Sc=6.25719, min distance = 2.570794
CEA5_ECOLX	F1	66535	3'	RNAS1_BOVIN	F1	449392	1w	1W4P	2DJH	1RPF	0.8	Sc=6.26874, min distance = 2.079299
CED4_CAEEL	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2A5Y	2VNW		Sc=6.13144, min distance = 2.308118
CED4_CAEEL	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2A5Y	1Q8W		Sc=5.96713, min distance = 2.444922
CED4_CAEEL	F1	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	2A5Y	1KJJ	0.99	Sc=6.51026, min distance = 2.089779
CED4_CAEEL	F1	444564	AI	BIOD_ECOLI	Fu	5957	Aden	1A82	2A5Y	1BS1	0.91	Sc=6.44589, min distance = 2.564522
CED4_CAEEL	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2A5Y	1COW	0.91	Sc=6.51265, min distance = 1.918242
CED4_CAEEL	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	2A5Y	1PHK		Sc=6.50825, min distance = 2.041643
CED4_CAEEL	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2A5Y	1YDR		Sc=5.97535, min distance = 2.263194
CED4_CAEEL	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	2A5Y	1IHU	0.99	Sc=6.44404, min distance = 2.203940
CED4_CAEEL	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	2A5Y	1DAD	0.99	Sc=5.9865, min distance = 2.5626357
CED4_CAEEL	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2A5Y	1OH7	0.99	Sc=6.45927, min distance = 2.085976
CED4_CAEEL	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	2A5Y	2BEJ	0.99	Sc=6.44771, min distance = 2.310356
CED4_CAEEL	F1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	2A5Y	3C4Z	0.99	Sc=6.46916, min distance = 2.240757
CED4_CAEEL	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2A5Y	2J9D	0.99	Sc=6.44981, min distance = 2.346579
CED4_CAEEL	F1	6083	ader	AAKG1_RAT	Ful	5957	Aden	2V92	2A5Y	2V8Q	0.98	Sc=6.37563, min distance = 2.076778
CED4_CAEEL	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2A5Y	2J9D	0.98	Sc=6.36984, min distance = 2.349349
CED4_CAEEL	F1	6852187	2	O57883_PYRHO	I	5957	Aden	2DTO	2A5Y	2DTH		Sc=6.16682, min distance = 1.449726

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CED4_CAEEL	F1	6852207	N	KAPCA_BOVIN	F1	5957	Aden	1Q24	2A5Y	2GNI			Sc=5.973, min distance = 2.3310564
CENPE_HUMAN	1	188966	dA	PAPS1_HUMAN	F1	6022	Aden	1X6V	1T5C	2PEZ	0.98		Sc=5.91019, min distance = 2.280656
CENPE_HUMAN	1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	1T5C	1LVK			Sc=5.64868, min distance = 2.435720
CENPE_HUMAN	1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1T5C	1PXI			Sc=5.67796, min distance = 2.019342
CENPE_HUMAN	1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1T5C	3C4W	0.99		Sc=5.80377, min distance = 1.863647
CENPE_HUMAN	1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	1T5C	1W48	0.99		Sc=5.98382, min distance = 1.887327
CFA1_MYCTU	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1KPG	1Z3C	0.91		Sc=6.58785, min distance = 2.142960
CFA1_MYCTU	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1KPG	1JQE	0.95		Sc=6.55048, min distance = 2.387744
CFA1_MYCTU	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1KPG	1JG2	0.84		Sc=6.32013, min distance = 2.256388
CFA2_MYCTU	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1KPI	1Z3C	0.91		Sc=6.57047, min distance = 2.064910
CFA2_MYCTU	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1KPI	1JQE	0.95		Sc=6.54159, min distance = 2.451339
CFA2_MYCTU	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1KPI	1JG2	0.84		Sc=6.26754, min distance = 2.196949
CFTR_HUMAN	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2BBS	2UVY			Sc=5.72563, min distance = 2.944110
CFTR_HUMAN	F1	91532	AMF	INSR_HUMAN	Fu	5957	Aden	3BU5	2BBS	1I44	0.99		Sc=5.97194, min distance = 2.111202
CFTR_MOUSE	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1XFA	2VNW			Sc=5.81964, min distance = 2.088656
CFTR_MOUSE	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	1XFA	2PE0			Sc=5.99973, min distance = 2.159028
CFTR_MOUSE	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1XFA	1Q8W			Sc=5.79114, min distance = 1.911070
CFTR_MOUSE	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1XFA	1BS1	0.91		Sc=5.60247, min distance = 2.048600
CFTR_MOUSE	F1	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	1XFA	1W9I	0.91		Sc=5.6106, min distance = 0
CFTR_MOUSE	F1	444564	AD	NIFH1_AZOVI	F1	5957	Aden	2C8V	1XFA	1NIP	0.91		Sc=5.74775, min distance = 2.045200
CFTR_MOUSE	F1	448043	2g	KAPCA_BOVIN	F1	5957	Aden	1Q24	1XFA	1Q8U			Sc=5.86491, min distance = 1.796246
CFTR_MOUSE	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1XFA	1YDR			Sc=5.76001, min distance = 1.985218
CFTR_MOUSE	F1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1XFA	3C4Z	0.99		Sc=5.85289, min distance = 2.020690
CFTR_MOUSE	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1XFA	2R7M	0.98		Sc=6.1183, min distance = 2.415686
CFTR_MOUSE	F1	91532	AMF	BIOD_ECOLI	Fu	5957	Aden	1A82	1XFA	1DAG	0.99		Sc=5.68639, min distance = 2.031010
CGGR_BACSU	F1	1983	acet	PA28_DABRR	Fu	439162	gl	1Y38	2OKG	2DPZ			Sc=5.71582, min distance = 1.324816
CH3L1_CAPHI	1	444863	is	IGHG1_HUMAN	F1	444205	CI	1HZH	1ZBW	1L6X			Sc=5.8035, min distance = 0.7934758
CH3L1_SHEEP	1	64689	bet	Q9HYN5_PSEAE	1	82313	1rd	1W8H	2DSU	1W8F			Sc=5.74975, min distance = 1.841206
CH60_ECOLI	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PCQ	1GZ8			Sc=6.14726, min distance = 2.537639
CH60_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1PCQ	1XQS	0.99		Sc=6.3392, min distance = 2.0217932
CH60_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1PCQ	2VII	0.99		Sc=6.32965, min distance = 2.218809
CH60_ECOLI	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1PCQ	2ZGY	0.8		Sc=6.43972, min distance = 1.742570
CH60_THET2	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WE3	1H1R			Sc=6.39616, min distance = 0.896036
CH60_THET2	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1WE3	1XQS	0.99		Sc=6.33814, min distance = 2.164750
CH60_THET2	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1WE3	2VII	0.99		Sc=6.32378, min distance = 2.260056
CH60_THET2	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1WE3	2R7M	0.99		Sc=6.3392, min distance = 2.0776180
CH60_THET2	F1	6804	guar	NDK_PYRHO	Full	6022	Aden	2DYA	1WE3	2DXF	0.8		Sc=6.37312, min distance = 2.299254

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CH60_THET2	F1	9817550	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WE3	3BHV			Sc=6.40114, min distance = 1.80642
CHEA_THEMA	F1	13373715	HS90A_HUMAN	F1	6022	Aden	1BYQ	1I58	2QF6			Sc=6.22316, min distance = 2.01235
CHEA_THEMA	F1	15993	RECA_MYCS2	Fu	6022	Aden	2ZRO	1I58	2ZR9	0.97		Sc=5.69388, min distance = 2.05396
CHEA_THEMA	F1	16750062	CSK2A_MAIZE	F1	33113	gar	1LP4	1I59	2OXD			Sc=5.73716, min distance = 2.34466
CHEA_THEMA	F1	444564	MYS2_DICDI	Fu	6022	Aden	1VOM	1I58	1W9I	0.91		Sc=5.97258, min distance = 2.09266
CHEA_THEMA	F1	444842	CDK2_HUMAN	Fu	6022	Aden	1GY3	1I58	1CKP			Sc=5.62862, min distance = 2.09801
CHEA_THEMA	F1	446090	NDKC_DICDI	Fu	6022	Aden	1KDN	1I58	1HIY	0.97		Sc=5.6618, min distance = 1.918656
CHEA_THEMA	F1	447017	NDKC_DICDI	Fu	6022	Aden	1KDN	1I58	1LWX			Sc=5.8787, min distance = 1.743049
CHEA_THEMA	F1	5326976	CSK2A_MAIZE	F1	33113	gar	1LP4	1I59	1ZOE			Sc=5.74615, min distance = 2.274328
CHEA_THEMA	F1	5326977	CSK2A_MAIZE	F1	33113	gar	1LP4	1I59	1ZOG			Sc=5.69469, min distance = 2.107868
CHEA_THEMA	F1	5326978	CSK2A_MAIZE	F1	33113	gar	1LP4	1I59	1ZOH			Sc=5.69905, min distance = 2.468748
CHEA_THEMA	F1	5327103	HS90A_HUMAN	F1	6022	Aden	1BYQ	1I58	2BYH			Sc=6.50774, min distance = 2.12699
CHEA_THEMA	F1	65051	NDKC_DICDI	Fu	6022	Aden	1KDN	1I58	1F3F			Sc=5.89581, min distance = 2.27881
CHEA_THEMA	F1	6804	NDK_PYRHO	Fu	6022	Aden	2DYA	1I58	2DXF	0.8		Sc=5.61974, min distance = 2.13191
CHER_SALTY	F1	446535	HNMT_HUMAN	Fu	439155	Ad	2AOT	1AF7	1JQE	0.95		Sc=6.52854, min distance = 2.46992
CHER_SALTY	F1	60961	PIMT_PYRFU	Fu	439155	Ad	1JG1	1AF7	1JG2	0.84		Sc=6.29836, min distance = 2.42669
CHER_SALTY	F1	65482	PRMA_THET8	Fu	439155	Ad	3EGV	1AF7	2ZBR	0.88		Sc=6.57983, min distance = 2.40117
CHI1_COCPO	F1	119404	Q54276_SERMA	I	445246	N-	1E6R	1LL4	1W1Y			Sc=6.21144, min distance = 1.88339
CHIA_SERMA	F1	119404	Q54276_SERMA	I	445246	N-	1E6R	1FFQ	1W1Y	29.36		Sc=6.19684, min distance = 0.33623
CHIA_SERMA	F1	16058615	LYSC_CHICK	Fu	24139	ace	1LZB	1K9T	2H9J			Sc=5.9127, min distance = 2.24990
CHIA_SERMA	F1	656981	LYSC_CHICK	Fu	24139	ace	1LZB	1K9T	1YIL			Sc=6.05565, min distance = 0.88471
CHIA_SERMA	F1	87901	Q54276_SERMA	I	445246	N-	1E6R	1FFQ	1UR8	29.36	0.79	Sc=6.05095, min distance = 2.39784
CHIT1_HUMAN	I	119404	Q54276_SERMA	I	24139	ace	1UR9	1HKI	1W1Y	29.52		Sc=6.19988, min distance = 2.03722
CHIT1_HUMAN	I	119404	Q54276_SERMA	I	445246	N-	1E6R	1HKK	1W1Y	29.52		Sc=6.23938, min distance = 1.00234
CHIT1_HUMAN	I	126154	Q54276_SERMA	I	445247	CI	1E6R	1HKK	1W1P	29.52		Sc=5.74491, min distance = 2.15187
CHIT1_HUMAN	I	444162	Q54276_SERMA	I	445247	CI	1E6R	1HKK	1UR9	29.52		Sc=5.88395, min distance = 2.40201
CHIT1_HUMAN	I	445256	Q54276_SERMA	I	445247	CI	1E6R	1HKK	1E6Z	29.52		Sc=5.79199, min distance = 2.34191
CHIT1_HUMAN	I	449094	Q54276_SERMA	I	445247	CI	1E6R	1HKK	1W1T	29.52		Sc=6.19686, min distance = 2.05750
CHIT1_HUMAN	I	4740	Q873X9_ASPFU	I	445247	CI	2A3E	1HKK	2A3C	32.58		Sc=6.1868, min distance = 1.514142
CHIT_CARPA	F1	185698	MBL1_RAT	Full	82313	1rd	1KWV	3CQL	2MSB			Sc=5.65103, min distance = 2.04114
CHIT_CARPA	F1	185698	MBL2_RAT	Full	24139	ace	1KZD	3CQL	1RDL			Sc=5.80653, min distance = 1.64500
CHIT_CARPA	F1	185698	MBL2_RAT	Full	82313	1rd	1RDN	3CQL	1RDL			Sc=5.75342, min distance = 1.77263
CHIT_CARPA	F1	24310	Q9HYN5_PSEAE	I	82313	1rd	1W8H	3CQL	1OVP			Sc=5.72864, min distance = 2.46564
CHIT_CARPA	F1	24779679	AGI1_WHEAT	Fu	24139	ace	2UVO	3CQL	2UWG	0.92		Sc=6.52666, min distance = 0.77240
CHIT_CARPA	F1	439353	AGI3_WHEAT	Fu	24139	ace	1K7U	3CQL	1K7V			Sc=5.73207, min distance = 1.84097
CHIT_CARPA	F1	439353	LYSC_CHICK	Fu	24139	ace	1LZB	3CQL	1UC0			Sc=5.66077, min distance = 2.57757
CHIT_CARPA	F1	439353	MBL2_RAT	Full	24139	ace	1KZD	3CQL	1RDK			Sc=5.72108, min distance = 2.62126

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CHIT_CARPA	F1	439353	be	Q6PYX1_HUMAN	1	24139	ace	1CLY	3CQL	1S3K		Sc=5.62522, min distance = 1.926179
CHIT_CARPA	F1	439554	fu	Q9HYN5_PSEAE	1	82313	1rd	1W8H	3CQL	1UZV		Sc=5.673, min distance = 2.43250714
CHIT_CARPA	F1	439583	L	Q9HYN5_PSEAE	1	82313	1rd	1W8H	3CQL	2BP6		Sc=5.79098, min distance = 2.059771
CHIT_CARPA	F1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	3CQL	3BJM	0.91	Sc=6.03837, min distance = 2.083350
CHIT_CARPA	F1	444863	is	MBL2_RAT	Full	24139	ace	1KZD	3CQL	1RDJ		Sc=5.64347, min distance = 2.387646
CHIT_CARPA	F1	445247	CI	CHLY_HEVBR	Fu	24139	ace	1KQY	3CQL	1LLO		Sc=6.00447, min distance = 1.629340
CHIT_CARPA	F1	445948	D	Q9HYN5_PSEAE	1	82313	1rd	1W8H	3CQL	1OXC		Sc=5.66805, min distance = 2.537524
CHIT_CARPA	F1	446101	AO	CSLA_PEDHE	Fu	24139	ace	1HM3	3CQL	1HM2	0.94	Sc=5.93349, min distance = 2.796448
CHIT_CARPA	F1	446578	1r	MBL2_RAT	Full	24139	ace	1KZD	3CQL	1RDI		Sc=5.68594, min distance = 1.733464
CHIT_CARPA	F1	446578	1r	Q9HYN5_PSEAE	1	82313	1rd	1W8H	3CQL	2JDP		Sc=5.64022, min distance = 2.293130
CHIT_CARPA	F1	6134	lact	GGTA1_BOVIN	F1	24139	ace	1O7Q	3CQL	1O7O		Sc=6.38575, min distance = 1.159430
CHIT_CARPA	F1	64689	bet	UGL_BACGL	Fu	82313	1rd	2FV1	3CQL	2FV0		Sc=5.77455, min distance = 1.250332
CHIT_CARPA	F1	79025	alp	LEC_ERYCO	Fu	82313	1rd	1AX2	3CQL	1FYU		Sc=5.71845, min distance = 2.381456
CHK1_HUMAN	F1	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	3DDP	35.05	Sc=6.44119, min distance = 2.143474
CHK1_HUMAN	F1	10224714		CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	3DDP	35.05	Sc=6.42523, min distance = 2.778206
CHK1_HUMAN	F1	11314340		KAPCA_BOVIN	F1	444345	1c	1STC	1NVR	2UZT	33.01	Sc=6.32659, min distance = 2.168579
CHK1_HUMAN	F1	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	1NVR	2OF2	30.2	Sc=6.28965, min distance = 2.719497
CHK1_HUMAN	F1	11957417		CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2I40	35.05	Sc=6.28114, min distance = 2.075332
CHK1_HUMAN	F1	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1H1Q	35.05	Sc=6.22886, min distance = 2.573820
CHK1_HUMAN	F1	15602982		KAPCA_BOVIN	F1	444345	1c	1STC	1NVR	2UW6	33.01	Sc=6.03283, min distance = 2.614347
CHK1_HUMAN	F1	15991572		LCK_HUMAN	Fu	444345	1c	1QPD	1NVR	2OF4	30.2	Sc=6.14337, min distance = 2.508960
CHK1_HUMAN	F1	160355	rd	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	3DDQ	35.05	Sc=6.14854, min distance = 2.606619
CHK1_HUMAN	F1	160355	rd	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	3DDQ	35.05	Sc=6.33169, min distance = 2.705850
CHK1_HUMAN	F1	16046126		CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2DS1	35.05	Sc=6.23237, min distance = 2.811960
CHK1_HUMAN	F1	16122608		PDPK1_HUMAN	F1	444345	1c	1OKY	1NVR	2PE1	33.65	Sc=6.32978, min distance = 2.722634
CHK1_HUMAN	F1	16122608		PDPK1_HUMAN	F1	72271	7-H	1OKZ	1NVQ	2PE1	33.65	Sc=6.3266, min distance = 2.721494
CHK1_HUMAN	F1	16214823		CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2UZB	35.05	Sc=6.10149, min distance = 1.782237
CHK1_HUMAN	F1	16214825		CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2UZE	35.05	Sc=6.22439, min distance = 2.947722
CHK1_HUMAN	F1	16214825		CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2UZE	35.05	Sc=6.27284, min distance = 2.596964
CHK1_HUMAN	F1	16214826		CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2UZL	35.05	Sc=6.11192, min distance = 2.439650
CHK1_HUMAN	F1	16214826		CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2UZL	35.05	Sc=6.13282, min distance = 2.264348
CHK1_HUMAN	F1	16214827		CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2UZN	35.05	Sc=6.10482, min distance = 2.352130
CHK1_HUMAN	F1	16214828		CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2UZO	35.05	Sc=6.09758, min distance = 1.911590
CHK1_HUMAN	F1	1707	1fvt	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1FVT	35.05	Sc=6.07837, min distance = 2.091704
CHK1_HUMAN	F1	1707	1fvt	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	1FVT	35.05	Sc=6.09956, min distance = 2.110858
CHK1_HUMAN	F1	17754396		PDPK1_HUMAN	F1	444345	1c	1OKY	1NVR	2R7B	33.65	Sc=6.27762, min distance = 2.715608
CHK1_HUMAN	F1	17754396		PDPK1_HUMAN	F1	72271	7-H	1OKZ	1NVQ	2R7B	33.65	Sc=6.28421, min distance = 2.860248

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CHK1_HUMAN	F1	23536770	LCK_HUMAN	Fu1	444345	1c	1QPD	1NVR	3BYM	30.2	Sc=6.31744, min distance = 2.348072
CHK1_HUMAN	F1	23653515	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	2R3F	35.05	Sc=5.99006, min distance = 2.548185
CHK1_HUMAN	F1	23653515	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	2R3F	35.05	Sc=6.00052, min distance = 2.302735
CHK1_HUMAN	F1	23653516	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	2R3G	35.05	Sc=6.1234, min distance = 2.1000811
CHK1_HUMAN	F1	23653519	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	2R3K	35.05	Sc=6.0678, min distance = 2.3551991
CHK1_HUMAN	F1	23653519	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	2R3K	35.05	Sc=6.20786, min distance = 2.094324
CHK1_HUMAN	F1	23653520	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	2R3L	35.05	Sc=6.20376, min distance = 2.254850
CHK1_HUMAN	F1	23653521	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	2R3M	35.05	Sc=6.32804, min distance = 2.531905
CHK1_HUMAN	F1	23653524	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	2R3P	35.05	Sc=6.23123, min distance = 2.502115
CHK1_HUMAN	F1	23727982	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	3BHU	35.05	Sc=6.20589, min distance = 2.731175
CHK1_HUMAN	F1	23727982	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	3BHU	35.05	Sc=6.23711, min distance = 2.613945
CHK1_HUMAN	F1	2396 bisl	PDPK1_HUMAN	F1	72271	7-H	1OKZ	1NVQ	1UU8	33.65	Sc=6.38656, min distance = 2.163432
CHK1_HUMAN	F1	2398 bisl	PDPK1_HUMAN	F1	444345	1c	1OKY	1NVR	1UU9	33.65	Sc=6.43611, min distance = 2.163225
CHK1_HUMAN	F1	2398 bisl	PDPK1_HUMAN	F1	72271	7-H	1OKZ	1NVQ	1UU9	33.65	Sc=6.43611, min distance = 2.376374
CHK1_HUMAN	F1	2403 luvr	PDPK1_HUMAN	F1	444345	1c	1OKY	1NVR	1UVR	33.65	Sc=6.37213, min distance = 2.185865
CHK1_HUMAN	F1	24901723	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	2W06	35.05	Sc=6.16565, min distance = 2.216485
CHK1_HUMAN	F1	24901723	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	2W06	35.05	Sc=6.2963, min distance = 2.0124655
CHK1_HUMAN	F1	24905143	PK3CG_HUMAN	F1	444345	1c	1E8Z	1NVR	2V4L	35.05	Sc=5.99448, min distance = 3.014530
CHK1_HUMAN	F1	24905144	PK3CG_HUMAN	F1	444345	1c	1E8Z	1NVR	3ENE	35.05	Sc=6.07124, min distance = 2.766765
CHK1_HUMAN	F1	24916751	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	3DOG	35.05	Sc=6.23784, min distance = 2.176530
CHK1_HUMAN	F1	24916751	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	3DOG	35.05	Sc=6.33169, min distance = 2.711634
CHK1_HUMAN	F1	24978497	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	3EID	35.05	Sc=6.54108, min distance = 2.040751
CHK1_HUMAN	F1	25021197	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	3EOD	35.05	Sc=6.21836, min distance = 2.702000
CHK1_HUMAN	F1	33113 gan	IRAK4_HUMAN	F1	444345	1c	2NRY	1NVR	2OID	36.48	Sc=5.6944, min distance = 2.1896650
CHK1_HUMAN	F1	3973 nche	PIM1_HUMAN	Fu1	444345	1c	1YHS	1NVR	1YI3	34.71	Sc=5.84143, min distance = 2.384445
CHK1_HUMAN	F1	4369136 C	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	1DM2	35.05	Sc=6.2247, min distance = 2.7240315
CHK1_HUMAN	F1	4369136 C	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	1DM2	35.05	Sc=6.23709, min distance = 2.676545
CHK1_HUMAN	F1	446704 LS	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	1KE6	35.05	Sc=6.24978, min distance = 2.335295
CHK1_HUMAN	F1	446704 LS	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	1KE6	35.05	Sc=6.26559, min distance = 1.902285
CHK1_HUMAN	F1	447649 1c	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	1OI9	35.05	Sc=6.31532, min distance = 2.685825
CHK1_HUMAN	F1	447649 1c	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	1OI9	35.05	Sc=6.34131, min distance = 2.407131
CHK1_HUMAN	F1	447654 CI	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	1OIT	35.05	Sc=6.13252, min distance = 2.167165
CHK1_HUMAN	F1	447655 1c	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	1OIU	35.05	Sc=6.14644, min distance = 2.670734
CHK1_HUMAN	F1	447656 1c	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	1OII	35.05	Sc=6.33723, min distance = 2.672101
CHK1_HUMAN	F1	447656 1c	CDK2_HUMAN	Fu1	72271	7-H	1PKD	1NVQ	1OII	35.05	Sc=6.42911, min distance = 2.415165
CHK1_HUMAN	F1	447962 1g	CDK2_HUMAN	Fu1	444345	1c	1AQ1	1NVR	2C5N	35.05	Sc=6.10381, min distance = 2.573631
CHK1_HUMAN	F1	456214 pu	KS6A1_HUMAN	F1	444345	1c	2Z7R	1NVR	2Z7S	35.05	Sc=6.27663, min distance = 2.271962

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CHK1_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1H1R	35.05	Sc=6.22641, min distance = 2.785625
CHK1_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	1H1R	35.05	Sc=6.17832, min distance = 0.659309
CHK1_HUMAN	F1	4566	1h1s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1H1S	35.05	Sc=6.27123, min distance = 2.252419
CHK1_HUMAN	F1	5288016	6	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2B53	35.05	Sc=6.00445, min distance = 2.362740
CHK1_HUMAN	F1	5288016	6	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2B53	35.05	Sc=6.15711, min distance = 2.227556
CHK1_HUMAN	F1	5288708	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1KE5	35.05	Sc=6.10146, min distance = 2.321570
CHK1_HUMAN	F1	5288708	1	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	1KE5	35.05	Sc=6.10146, min distance = 2.490490
CHK1_HUMAN	F1	5288710	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1KE7	35.05	Sc=6.31611, min distance = 2.183219
CHK1_HUMAN	F1	5288710	0	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	1KE7	35.05	Sc=6.3387, min distance = 1.7650350
CHK1_HUMAN	F1	5288711	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1KE8	35.05	Sc=6.25032, min distance = 2.626489
CHK1_HUMAN	F1	5327130	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2C68	35.05	Sc=6.18089, min distance = 2.458396
CHK1_HUMAN	F1	5327131	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2C69	35.05	Sc=6.17773, min distance = 2.537220
CHK1_HUMAN	F1	5327132	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2C6I	35.05	Sc=6.26795, min distance = 2.156520
CHK1_HUMAN	F1	5327133	0	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2C6K	35.05	Sc=6.2375, min distance = 2.2392290
CHK1_HUMAN	F1	5331010	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2BKZ	35.05	Sc=6.18566, min distance = 2.400710
CHK1_HUMAN	F1	5494414	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2A0C	35.05	Sc=6.39566, min distance = 2.661680
CHK1_HUMAN	F1	5687	1di8	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1DI8	35.05	Sc=6.21962, min distance = 2.399150
CHK1_HUMAN	F1	6083	ader	PIM1_HUMAN	Fu	444345	1c	1YHS	1NVR	1YXU	34.71	Sc=6.28743, min distance = 2.219850
CHK1_HUMAN	F1	60961	ade	PIM1_HUMAN	Fu	444345	1c	1YHS	1NVR	1YI4	34.71	Sc=6.17584, min distance = 2.447950
CHK1_HUMAN	F1	6102670		CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1YKR	35.05	Sc=6.24881, min distance = 2.013760
CHK1_HUMAN	F1	6420138	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2UUE	35.05	Sc=6.23906, min distance = 2.307580
CHK1_HUMAN	F1	6420138	2	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2UUE	35.05	Sc=6.3479, min distance = 2.2463450
CHK1_HUMAN	F1	6420139	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2C5V	35.05	Sc=6.10665, min distance = 2.140920
CHK1_HUMAN	F1	6420140	2	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2C5V	35.05	Sc=6.16594, min distance = 2.262930
CHK1_HUMAN	F1	6539118	g	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1FVV	35.05	Sc=6.32994, min distance = 2.192150
CHK1_HUMAN	F1	6539118	g	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	1FVV	35.05	Sc=6.42693, min distance = 2.312690
CHK1_HUMAN	F1	656971	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1Y8Y	35.05	Sc=6.01625, min distance = 2.189690
CHK1_HUMAN	F1	656971	CI	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	1Y8Y	35.05	Sc=5.99508, min distance = 2.648870
CHK1_HUMAN	F1	657072	RY	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2BHH	35.05	Sc=6.41837, min distance = 2.032830
CHK1_HUMAN	F1	657072	RY	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2BHH	35.05	Sc=6.42423, min distance = 2.110400
CHK1_HUMAN	F1	657138	1z	PDPK1_HUMAN	F1	444345	1c	1OKY	1NVR	1Z5M	33.65	Sc=6.63931, min distance = 2.043120
CHK1_HUMAN	F1	6852207	M	KAPCA_BOVIN	F1	444345	1c	1STC	1NVR	2GNI	33.01	Sc=5.91095, min distance = 2.525590
CHK1_HUMAN	F1	6918852	2	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	2FVD	35.05	Sc=6.34286, min distance = 1.999820
CHK1_HUMAN	F1	9547890	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	1W8C	35.05	Sc=6.18464, min distance = 2.679160
CHK1_HUMAN	F1	9549254	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	2IW6	35.05	Sc=6.43537, min distance = 2.020960
CHK1_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu	444345	1c	1AQ1	1NVR	3BHV	35.05	Sc=6.31821, min distance = 2.415820
CHK1_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu	72271	7-H	1PKD	1NVQ	3BHV	35.05	Sc=6.33904, min distance = 2.264580

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CHK2_HUMAN	F1	10138993	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R64	30.8	Sc=6.37774, min distance = 2.570495	
CHK2_HUMAN	F1	10224714	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	3DDP	30.8	Sc=6.53744, min distance = 1.627269	
CHK2_HUMAN	F1	11268094	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2VTQ	30.8	Sc=6.41451, min distance = 1.828072	
CHK2_HUMAN	F1	11957393	FAK1_HUMAN	Fu	6022	Aden	1MP8	2CN5	2ETM	29.41	Sc=6.32423, min distance = 2.362511	
CHK2_HUMAN	F1	11957417	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2I40	30.8	Sc=6.3064, min distance = 2.1104184	
CHK2_HUMAN	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1H1Q	30.8	Sc=6.40465, min distance = 1.784427
CHK2_HUMAN	F1	15942652	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2DUV	30.8	Sc=6.33088, min distance = 2.333295	
CHK2_HUMAN	F1	160355	rd	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	3DDQ	30.8	Sc=6.4811, min distance = 1.0512592
CHK2_HUMAN	F1	16214823	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2UZB	30.8	Sc=6.14831, min distance = 1.823017	
CHK2_HUMAN	F1	16214825	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2UZE	30.8	Sc=6.28301, min distance = 2.518879	
CHK2_HUMAN	F1	16214826	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2UZL	30.8	Sc=6.15474, min distance = 2.440819	
CHK2_HUMAN	F1	16758212	GSK3B_HUMAN	F1	6022	Aden	1J1C	2CN5	2O5K	30.82	Sc=6.43006, min distance = 2.230163	
CHK2_HUMAN	F1	23653515	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R3F	30.8	Sc=6.03501, min distance = 2.402357	
CHK2_HUMAN	F1	23653518	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R3J	30.8	Sc=6.25968, min distance = 2.032339	
CHK2_HUMAN	F1	23653519	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R3K	30.8	Sc=6.26271, min distance = 1.874474	
CHK2_HUMAN	F1	23653520	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R3L	30.8	Sc=6.25497, min distance = 2.042989	
CHK2_HUMAN	F1	23653521	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R3M	30.8	Sc=6.44943, min distance = 2.351728	
CHK2_HUMAN	F1	23653524	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2R3P	30.8	Sc=6.32019, min distance = 2.076028	
CHK2_HUMAN	F1	23727981	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	3BHT	30.8	Sc=6.21094, min distance = 1.824939	
CHK2_HUMAN	F1	23727982	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	3BHU	30.8	Sc=6.24206, min distance = 2.844249	
CHK2_HUMAN	F1	24864080	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2VTR	30.8	Sc=5.98824, min distance = 1.940519	
CHK2_HUMAN	F1	24864081	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2VTS	30.8	Sc=6.3161, min distance = 2.1929908	
CHK2_HUMAN	F1	24864082	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2VTT	30.8	Sc=6.41218, min distance = 2.506957	
CHK2_HUMAN	F1	24901723	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2W06	30.8	Sc=6.29307, min distance = 2.059900	
CHK2_HUMAN	F1	25021197	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	3EOC	30.8	Sc=6.36731, min distance = 1.664998	
CHK2_HUMAN	F1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1JSV	30.8	Sc=5.92801, min distance = 2.203494
CHK2_HUMAN	F1	3543	1g5s	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1G5S	30.8	Sc=6.47008, min distance = 2.592900
CHK2_HUMAN	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1OI9	30.8	Sc=6.44418, min distance = 2.102577
CHK2_HUMAN	F1	447652	1n	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1OIQ	30.8	Sc=6.13841, min distance = 2.678571
CHK2_HUMAN	F1	447654	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1OIT	30.8	Sc=6.17714, min distance = 2.223258
CHK2_HUMAN	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1OIU	30.8	Sc=6.41977, min distance = 1.591941
CHK2_HUMAN	F1	447656	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1OII	30.8	Sc=6.49539, min distance = 2.137588
CHK2_HUMAN	F1	447766	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1P2A	30.8	Sc=6.31511, min distance = 2.044871
CHK2_HUMAN	F1	447821	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1PF8	30.8	Sc=6.10815, min distance = 2.231269
CHK2_HUMAN	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2CN5	1ZTF	0.95	Sc=6.20117, min distance = 2.316784
CHK2_HUMAN	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1PXI	30.8	Sc=5.62063, min distance = 2.222419
CHK2_HUMAN	F1	447962	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C5N	30.8	Sc=6.2584, min distance = 1.2955967

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CHK2_HUMAN	F1	447967	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1PYE	30.8	Sc=6.36731, min distance = 1.82887
CHK2_HUMAN	F1	449087	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1VYW	30.8	Sc=6.27842, min distance = 1.06332
CHK2_HUMAN	F1	449088	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1VYZ	30.8	Sc=6.08463, min distance = 2.30181
CHK2_HUMAN	F1	4565	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1H1R	30.8	Sc=6.3479, min distance = 2.121745
CHK2_HUMAN	F1	4566	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1H1S	30.8	Sc=6.41168, min distance = 2.00026
CHK2_HUMAN	F1	5287844	GSK3B_HUMAN	F1	6022	Aden	1J1C	2CN5	1UV5	30.82	Sc=6.31072, min distance = 2.09515
CHK2_HUMAN	F1	5287845	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2BHE	30.8	Sc=6.20208, min distance = 2.48011
CHK2_HUMAN	F1	5288018	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2B52	30.8	Sc=6.56634, min distance = 2.22163
CHK2_HUMAN	F1	5288708	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1KE5	30.8	Sc=6.1181, min distance = 2.091532
CHK2_HUMAN	F1	5288710	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1KE7	30.8	Sc=6.31804, min distance = 2.43810
CHK2_HUMAN	F1	5288711	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1KE8	30.8	Sc=6.25968, min distance = 2.45968
CHK2_HUMAN	F1	5288712	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1KE9	30.8	Sc=6.28487, min distance = 2.56400
CHK2_HUMAN	F1	5327096	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2BTR	30.8	Sc=6.08121, min distance = 2.61621
CHK2_HUMAN	F1	5327097	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2BTS	30.8	Sc=5.89334, min distance = 2.37155
CHK2_HUMAN	F1	5327124	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C4G	30.8	Sc=6.22933, min distance = 2.70823
CHK2_HUMAN	F1	5327132	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C6I	30.8	Sc=6.30673, min distance = 2.24939
CHK2_HUMAN	F1	5327133	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C6K	30.8	Sc=6.28164, min distance = 2.30261
CHK2_HUMAN	F1	5327134	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C6L	30.8	Sc=6.37671, min distance = 2.16561
CHK2_HUMAN	F1	5327135	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C6M	30.8	Sc=6.28467, min distance = 1.85300
CHK2_HUMAN	F1	5327148	IPKA_RABIT	Fu	6022	Aden	1JBP	2CN5	2ERZ	30.8	Sc=6.16325, min distance = 2.57018
CHK2_HUMAN	F1	5331010	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2BKZ	30.8	Sc=6.31548, min distance = 1.65962
CHK2_HUMAN	F1	5494414	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2A0C	30.8	Sc=6.43486, min distance = 2.07079
CHK2_HUMAN	F1	5957	RK_BOVIN	Full	6022	Aden	3C4Z	2CN5	3C4W	0.99	Sc=6.46037, min distance = 2.38148
CHK2_HUMAN	F1	60961	IPKA_RABIT	Fu	6022	Aden	1JBP	2CN5	1FMO	0.95	Sc=6.20579, min distance = 2.37477
CHK2_HUMAN	F1	6102670	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1YKR	30.8	Sc=6.26662, min distance = 2.05625
CHK2_HUMAN	F1	6420138	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2UUE	30.8	Sc=6.29126, min distance = 2.04628
CHK2_HUMAN	F1	6420139	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C5V	30.8	Sc=6.26751, min distance = 1.77710
CHK2_HUMAN	F1	6420140	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2C5Y	30.8	Sc=6.51041, min distance = 1.83192
CHK2_HUMAN	F1	6539118	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1FVV	30.8	Sc=6.4481, min distance = 1.595306
CHK2_HUMAN	F1	656971	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	1Y8Y	30.8	Sc=6.03085, min distance = 1.86429
CHK2_HUMAN	F1	657072	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2BHH	30.8	Sc=6.48327, min distance = 2.24275
CHK2_HUMAN	F1	6852187	O57883_PYRHO	1	6022	Aden	1WNL	2CN5	2DTH	0.89	Sc=6.1144, min distance = 1.705257
CHK2_HUMAN	F1	6852201	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2G9X	30.8	Sc=6.59719, min distance = 1.26946
CHK2_HUMAN	F1	6918710	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	3EJ1	30.8	Sc=6.19712, min distance = 2.37429
CHK2_HUMAN	F1	6918852	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CN5	2FVD	30.8	Sc=6.3954, min distance = 2.135726
CHK2_HUMAN	F1	72194	ENPL_CANFA	Fu	6022	Aden	1TC6	2CN5	1QYE	0.89	Sc=6.07882, min distance = 2.05650
CHK2_HUMAN	F1	91532	MTNK_BACSU	Fu	6022	Aden	2OLC	2CN5	2PUL	0.99	Sc=6.50023, min distance = 2.34060

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CHK2_HUMAN	F1	9547890	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2CN5	1W8C	30.8	Sc=6.25936, min distance = 1.560972
CHK2_HUMAN	F1	9549254	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2CN5	2IW6	30.8	Sc=6.50855, min distance = 1.782465
CHK2_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2CN5	3BHV	30.8	Sc=6.37834, min distance = 0.728190
CHK2_HUMAN	F1	9926933	i	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2CN5	2VTI	30.8	Sc=6.18811, min distance = 1.998550
CHK2_HUMAN	F1	9991833	S	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2CN5	2R3H	30.8	Sc=6.07213, min distance = 2.637145
CHK2_HUMAN	F1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2CN5	2VTJ	30.8	Sc=5.82047, min distance = 1.757165
CHMU_YEAST	F1	6140	L-ph	SYFA_THETH	Fu:	6057	L-ty	2AMC	4CSM	1B70	0.84	Sc=5.6984, min distance = 2.9503838
CHOD_BREST	F1	16740985		FRDA_SHEFR	Fu:	444188	CI	1M64	1COY	1E39	0.93	Sc=6.44358, min distance = 2.054926
CHOD_BREST	F1	16741253		LSD1_HUMAN	Fu:	444188	CI	2DW4	1COY	2UXN	0.95	Sc=6.45278, min distance = 2.166430
CHOD_BREST	F1	444502	CI	FRDA_SHEFR	Fu:	444188	CI	1M64	1COY	1QJD	0.98	Sc=6.44661, min distance = 2.037837
CHOD_BREST	F1	444502	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1COY	1BWC	0.98	Sc=6.44661, min distance = 2.313327
CHOD_BREST	F1	444502	CI	TYTR_TRYCR	Fu:	444188	CI	1BZL	1COY	1GXF	0.98	Sc=6.45032, min distance = 1.809552
CHOD_BREST	F1	448054	CI	FRDA_SHEFR	Fu:	444188	CI	1M64	1COY	1Y0P	0.97	Sc=6.44482, min distance = 2.081778
CHOD_BREST	F1	449465	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1COY	3GRT	0.98	Sc=6.44561, min distance = 2.109687
CHOD_STRS0	F1	16740985		FRDA_SHEFR	Fu:	444502	CI	1QJD	1B8S	1E39	0.92	Sc=6.44226, min distance = 2.110886
CHOD_STRS0	F1	444563	CI	FRDA_SHEFR	Fu:	444502	CI	1QJD	1B8S	1P2E	0.98	Sc=6.8828, min distance = 2.0722795
CHOD_STRS0	F1	444969	CI	FRDA_SHEFR	Fu:	444502	CI	1QJD	1B8S	1JRY	0.98	Sc=6.44369, min distance = 2.085395
CHOD_STRS0	F1	446546	CI	FRDA_SHEFR	Fu:	444502	CI	1QJD	1B8S	1KSS	0.98	Sc=6.44456, min distance = 2.101196
CHOD_STRS0	F1	448054	CI	FRDA_SHEFR	Fu:	444502	CI	1QJD	1B8S	1Y0P	0.95	Sc=6.44402, min distance = 2.140375
CHOD_STRS0	F1	449465	CI	GSHR_HUMAN	Fu:	444502	CI	1BWC	1B8S	3GRT	0.97	Sc=6.44848, min distance = 2.012370
CHOMT_MEDSA	I	5327118	5	Q70GK9_STRCT	I	34756	Acy	1RQP	1FPQ	2C2W	0.81	Sc=5.85611, min distance = 1.106436
CHS2_MEDSA	F1	10831270		TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	3CN3		Sc=5.74613, min distance = 2.059086
CHS2_MEDSA	F1	1184681	C	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	3CN4		Sc=6.07377, min distance = 2.319982
CHS2_MEDSA	F1	119346	3,	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	2GAB		Sc=5.78329, min distance = 2.584467
CHS2_MEDSA	F1	177880	2	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	2G9K		Sc=5.79667, min distance = 1.840036
CHS2_MEDSA	F1	20284644		TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	2QGC		Sc=6.01959, min distance = 2.112427
CHS2_MEDSA	F1	23722943		TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	2QGD		Sc=5.9579, min distance = 2.3524338
CHS2_MEDSA	F1	243556	NS	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	3CN2		Sc=5.72932, min distance = 2.388395
CHS2_MEDSA	F1	25011739		TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	3CN0	0.79	Sc=5.87824, min distance = 2.086866
CHS2_MEDSA	F1	25011740		TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	3CN1		Sc=5.81972, min distance = 2.695095
CHS2_MEDSA	F1	3033	dic1	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	1DVX		Sc=6.14191, min distance = 0.977690
CHS2_MEDSA	F1	4369477	I	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	1U21		Sc=6.14513, min distance = 1.817915
CHS2_MEDSA	F1	448708	CI	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	1THC		Sc=6.35425, min distance = 2.119543
CHS2_MEDSA	F1	5327160	2	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	2F8I		Sc=6.11622, min distance = 2.293750
CHS2_MEDSA	F1	667639	pi	ATPG_BOVIN	Fu:	445154	re	2JIZ	1U0W	2JJ1	0.93	Sc=6.22985, min distance = 1.557156
CHS2_MEDSA	F1	8631	3,5-	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	3B56		Sc=5.7389, min distance = 2.2182378
CHS2_MEDSA	F1	97032	1g3	TTHY_HUMAN	Fu:	445154	re	1DVS	1U0W	2G5U		Sc=5.916, min distance = 2.24263238

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CHS_ECOLX	Fu: 18068	Ud	GALE_ECOLI	Fu: 6031	Urid	1NAH	2Z86	1A9Z	0.89	Sc=5.82388, min distance = 2.125375
CHS_ECOLX	Fu: 8977	1dar	O33839_THEMA	1	6031	Urid	1XJG	2Z86		Sc=5.9884, min distance = 1.903689
CHTA_VIBCH	Fu: 128225	be	NAR2B_RAT	Ful: 5893	nadi	1OG4	2A5F	1OG1		Sc=6.23164, min distance = 2.383322
CHTB_VIBCH	Fu: 444635	O3	MBL1_RAT	Ful: 439353	be	2KMB	3CHB	3KMB	0.9	Sc=5.77431, min distance = 1.26010
CISY_ABDS2	Fu: 439276	3-	GGGPS_ARCFU	Fu: 311	citri	2F6U	1A59	2F6X		Sc=5.60361, min distance = 1.88111
CISY_ABDS2	Fu: 51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	1A59	1YBA	0.76	Sc=5.75199, min distance = 0.785818
CISY_BACSU	Fu: 12136	Ber	POL_HV1N5	Ful: 311	citri	2GON	2C6X	9HVP		Sc=5.67848, min distance = 1.73949
CISY_CHICK	Fu: 439276	3-	GGGPS_ARCFU	Fu: 311	citri	2F6U	6CSC	2F6X		Sc=5.6056, min distance = 1.667484
CISY_CHICK	Fu: 51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	6CSC	1YBA	0.76	Sc=5.80063, min distance = 1.28523
CISY_CHICK	Fu: 6961	PYRC	FUMC_ECOLI	Fu: 311	citri	1FUO	6CSC	1FUP		Sc=6.31462, min distance = 0.98723
CISY_PIG	Ful: 439276	3-	GGGPS_ARCFU	Fu: 311	citri	2F6U	2CTS	2F6X		Sc=5.6094, min distance = 1.814163
CISY_PIG	Ful: 439554	fu	A2NHM3_MOUSE	1	311	citri	1ZEA	2CTS		Sc=5.71804, min distance = 1.20585
CISY_PIG	Ful: 447532	1c	SRC_HUMAN	Ful: 311	citri	1O4L	2CTS	1O4H		Sc=6.16659, min distance = 2.01934
CISY_PIG	Ful: 51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	2CTS	1YBA	0.76	Sc=5.75199, min distance = 1.32573
CISY_PIG	Ful: 8158	Pela	ALBU_HUMAN	Fu: 311	citri	1TF0	2CTS	1E7E		Sc=5.62596, min distance = 1.09388
CISY_PIG	Ful: 8180	UNDE	ALBU_HUMAN	Fu: 311	citri	1TF0	2CTS	1E7F		Sc=5.65108, min distance = 2.06653
CISY_PYRFU	Fu: 447532	1c	SRC_HUMAN	Ful: 311	citri	1O4L	1AJ8	1O4H		Sc=6.15643, min distance = 2.05375
CISY_PYRFU	Fu: 449604	NI	ACON_BOVIN	Fu: 311	citri	1C96	1AJ8	8ACN		Sc=5.87055, min distance = 1.89497
CISY_PYRFU	Fu: 6852187	2	PPNK1_LISMO	Fu: 311	citri	2I29	1AJ8	2I2B		Sc=5.99795, min distance = 2.46270
CITA_KLEPN	Fu: 444212	tr	ACON_BOVIN	Fu: 311	citri	1C96	1P0Z	1ACO		Sc=5.90909, min distance = 2.27185
CKI1_SCHPO	Fu: 11314340		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	2UZT		Sc=6.34076, min distance = 2.14729
CKI1_SCHPO	Fu: 11608401		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	2UVY		Sc=6.07576, min distance = 2.15529
CKI1_SCHPO	Fu: 11957393		FAK1_HUMAN	Fu: 5957	Aden	2IJM	1CSN	2ETM		Sc=6.23145, min distance = 2.20455
CKI1_SCHPO	Fu: 153999	Ru	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1CSN	1UU3		Sc=6.37292, min distance = 2.20818
CKI1_SCHPO	Fu: 15602983		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	2UW5		Sc=6.14757, min distance = 2.17442
CKI1_SCHPO	Fu: 16122633		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	2UW0		Sc=6.38491, min distance = 2.08845
CKI1_SCHPO	Fu: 17751819		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	2VO6		Sc=6.29478, min distance = 2.39843
CKI1_SCHPO	Fu: 17754396		PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1CSN	2R7B		Sc=6.2904, min distance = 2.535747
CKI1_SCHPO	Fu: 2396	bisi	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1CSN	1UU8		Sc=6.42499, min distance = 2.24301
CKI1_SCHPO	Fu: 2398	bisi	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1CSN	1UU9		Sc=6.47298, min distance = 2.41735
CKI1_SCHPO	Fu: 2403	luvr	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1CSN	1UVR		Sc=6.41142, min distance = 2.18032
CKI1_SCHPO	Fu: 3540	lyds	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	1YDS		Sc=5.84248, min distance = 2.44622
CKI1_SCHPO	Fu: 3547	Fasu	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1CSN	1Q8W		Sc=5.9169, min distance = 2.289310
CKI1_SCHPO	Fu: 440317	AT	PURT_ECOLI	Fu: 5957	Aden	1KJ8	1CSN	1KJJ	0.99	Sc=5.96788, min distance = 2.47463
CKI1_SCHPO	Fu: 444345	1c	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1CSN	1OKY		Sc=6.34784, min distance = 2.24536
CKI1_SCHPO	Fu: 444345	1c	TAOK2_RAT	Ful: 5957	Aden	1U5R	1CSN	2GCD		Sc=6.36951, min distance = 1.52434
CKI1_SCHPO	Fu: 444564	AT	BIOD_ECOLI	Fu: 5957	Aden	1A82	1CSN	1BS1	0.91	Sc=6.35033, min distance = 2.32461

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CKI1_SCHPO	F1	444564	Ad	MYS2_DICDI	Fu	5957	Aden	1FMW	1CSN	1W9I	0.91	Sc=6.33805, min distance = 0
CKI1_SCHPO	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	1CSN	1COW	0.91	Sc=6.42412, min distance = 1.623009
CKI1_SCHPO	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	1CSN	1PHK		Sc=5.96842, min distance = 2.484066
CKI1_SCHPO	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1CSN	1ZTF	0.94	Sc=6.09769, min distance = 3.222141
CKI1_SCHPO	F1	448043	2d	KAPCA_BOVIN	F1	5957	Aden	1Q24	1CSN	1Q8U		Sc=5.97728, min distance = 2.291332
CKI1_SCHPO	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1CSN	1YDR		Sc=5.90944, min distance = 2.213519
CKI1_SCHPO	F1	5287969	F	CDK9_HUMAN	Fu	5957	Aden	3BLQ	1CSN	3BLR		Sc=6.36579, min distance = 2.173030
CKI1_SCHPO	F1	6022	Ader	ACT1_DROME	Fu	5957	Aden	2HF4	1CSN	2HF3	0.99	Sc=6.35552, min distance = 2.160582
CKI1_SCHPO	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	1CSN	1IHU	0.99	Sc=6.36101, min distance = 2.259849
CKI1_SCHPO	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1CSN	1DAD	0.99	Sc=6.34503, min distance = 2.116599
CKI1_SCHPO	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	1CSN	2JA3	0.99	Sc=6.35256, min distance = 2.664727
CKI1_SCHPO	F1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	1CSN	2ZDH	0.99	Sc=5.93169, min distance = 2.039768
CKI1_SCHPO	F1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1CSN	1MP8	0.99	Sc=5.90958, min distance = 2.130334
CKI1_SCHPO	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	1CSN	3C7N	0.99	Sc=6.33916, min distance = 2.145406
CKI1_SCHPO	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1CSN	1OH7	0.99	Sc=6.35458, min distance = 2.407821
CKI1_SCHPO	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1CSN	3ETJ	0.99	Sc=6.3416, min distance = 2.3639940
CKI1_SCHPO	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1CSN	2BEJ	0.99	Sc=6.34028, min distance = 1.981186
CKI1_SCHPO	F1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1CSN	3C4Z	0.99	Sc=5.91261, min distance = 2.513683
CKI1_SCHPO	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1CSN	2V8Q	0.98	Sc=6.26529, min distance = 2.282788
CKI1_SCHPO	F1	6083	ader	ASSY_THET8	Fu	5957	Aden	1J1Z	1CSN	1J20	0.98	Sc=6.34029, min distance = 1.159248
CKI1_SCHPO	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1CSN	2R85	0.98	Sc=6.27849, min distance = 2.667036
CKI1_SCHPO	F1	6133	uric	Q381M1_9TRYP	1	5957	Aden	2Q0D	1CSN	2IKF		Sc=5.85102, min distance = 2.549730
CKI1_SCHPO	F1	6176	Cyti	Q381M1_9TRYP	1	5957	Aden	2Q0D	1CSN	2Q0C		Sc=5.84754, min distance = 2.558199
CKI1_SCHPO	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1CSN	2GNI		Sc=5.90171, min distance = 2.346866
CKI1_SCHPO	F1	91532	AME	INSR_HUMAN	Fu	5957	Aden	3BU5	1CSN	1I44	0.99	Sc=5.99509, min distance = 1.996288
CKI1_SCHPO	F1	91532	AME	PURT_ECOLI	Fu	5957	Aden	1KJ8	1CSN	1KJI	0.99	Sc=6.00287, min distance = 2.585928
CLAT_HUMAN	F1	444493	ad	CACP_MOUSE	Fu	87642	coe	1T7Q	2FY4	2H3P	44.69	0.98 Sc=6.04151, min distance = 2.154871
CLC4K_HUMAN	1	151504	D	CVN_NOSEL	Fu	185698	al	2RDK	3BC7	2PYS		Sc=5.78908, min distance = 2.458272
CLC4M_HUMAN	1	445948	D	Q9HYN5_PSEAE	1	439353	be	1W8F	1SL6	1OXC		Sc=5.67529, min distance = 2.051822
CLC7A_MOUSE	1	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	2CL8	1QM5	0.88	Sc=5.76476, min distance = 0.416118
CLC7A_MOUSE	1	5327083	C	GUN2_THEFU	Fu	64689	bet	2BOF	2CL8	2BOD		Sc=5.673, min distance = 1.05919592
CLCN5_HUMAN	1	11268094		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2VTQ		Sc=6.49324, min distance = 0.519986
CLCN5_HUMAN	1	11696113		KAPCA_BOVIN	F1	5957	Aden	1Q24	2J9L	2VO3		Sc=6.31323, min distance = 1.696508
CLCN5_HUMAN	1	11957417		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2I40		Sc=6.35684, min distance = 1.152299
CLCN5_HUMAN	1	16046126		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2DS1		Sc=6.51804, min distance = 1.264550
CLCN5_HUMAN	1	16122635		KAPCA_BOVIN	F1	5957	Aden	1Q24	2J9L	2UW8		Sc=5.60666, min distance = 2.271720
CLCN5_HUMAN	1	16214825		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2UZE		Sc=6.38405, min distance = 0.871589

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CLCN5_HUMAN	1	164628	de	PMS2_HUMAN	Fu	6022	Aden	1EA6	2JA3	1H7U		Sc=6.42637, min distance = 1.457352
CLCN5_HUMAN	1	17751819		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2J9L	2VO6		Sc=6.28649, min distance = 2.277821
CLCN5_HUMAN	1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2R3F		Sc=6.20012, min distance = 1.678709
CLCN5_HUMAN	1	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2R3J		Sc=6.26, min distance = 1.323475727
CLCN5_HUMAN	1	23653519		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2R3K		Sc=6.35673, min distance = 1.769779
CLCN5_HUMAN	1	23653521		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2R3M		Sc=6.53395, min distance = 1.063549
CLCN5_HUMAN	1	23653522		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2R3N		Sc=6.33074, min distance = 1.283033
CLCN5_HUMAN	1	24762195		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2J9L	2VO0		Sc=6.29032, min distance = 2.059229
CLCN5_HUMAN	1	24832037		PGK1_HUMAN	Fu	6022	Aden	2ZGV	2JA3	3C3C		Sc=5.7908, min distance = 2.0162152
CLCN5_HUMAN	1	24864077		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2VTN		Sc=6.35131, min distance = 0.441492
CLCN5_HUMAN	1	24864079		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2VTP		Sc=6.43168, min distance = 2.076296
CLCN5_HUMAN	1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2VTR		Sc=6.10137, min distance = 1.817607
CLCN5_HUMAN	1	24864082		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2VTT		Sc=6.48584, min distance = 0.954769
CLCN5_HUMAN	1	3540	1yds	IPKA_RAT	Full	6022	Aden	1L3R	2JA3	1YDS		Sc=5.91126, min distance = 2.016663
CLCN5_HUMAN	1	3540	1yds	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2J9L	1YDS		Sc=5.93846, min distance = 1.884539
CLCN5_HUMAN	1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1DM2		Sc=6.32029, min distance = 2.186312
CLCN5_HUMAN	1	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	2JA3	1GJV	0.99	Sc=5.95417, min distance = 1.855087
CLCN5_HUMAN	1	440317	AT	FTSK_PSEAE	Fu	6022	Aden	2IUU	2JA3	2IUT	0.99	Sc=6.44157, min distance = 1.357007
CLCN5_HUMAN	1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	2JA3	1B99		Sc=6.24872, min distance = 2.078629
CLCN5_HUMAN	1	444564	AI	BIOD_ECOLI	Fu	5957	Aden	1A82	2J9L	1BS1	0.91	Sc=6.40508, min distance = 1.976201
CLCN5_HUMAN	1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2JA3	1BS1	0.91	Sc=6.34194, min distance = 2.165028
CLCN5_HUMAN	1	444564	AI	MYS2_DICDI	Fu	5957	Aden	1FMW	2J9L	1W9I	0.91	Sc=5.91025, min distance = 0
CLCN5_HUMAN	1	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	2JA3	1W9I	0.91	Sc=6.40128, min distance = 0.961229
CLCN5_HUMAN	1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1CKP		Sc=5.62455, min distance = 2.423664
CLCN5_HUMAN	1	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1GII		Sc=6.39293, min distance = 1.132574
CLCN5_HUMAN	1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1H0V		Sc=6.27543, min distance = 2.225781
CLCN5_HUMAN	1	447048	2k	Y1521_ARCFU	Ft	6022	Aden	2BFR	2JA3	2BFQ	0.95	Sc=6.05427, min distance = 2.102669
CLCN5_HUMAN	1	447656	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1OII		Sc=6.57578, min distance = 0.752987
CLCN5_HUMAN	1	447766	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1P2A		Sc=6.3996, min distance = 1.6611411
CLCN5_HUMAN	1	447967	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1PYE		Sc=6.41439, min distance = 1.898922
CLCN5_HUMAN	1	448005	CI	GSK3B_HUMAN	Ft	6022	Aden	1J1C	2JA3	1Q3W		Sc=6.36436, min distance = 0.637743
CLCN5_HUMAN	1	448014	1c	GSK3B_HUMAN	Ft	6022	Aden	1J1C	2JA3	1Q5K		Sc=6.37616, min distance = 1.395901
CLCN5_HUMAN	1	448042	2e	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2J9L	1Q8T		Sc=6.16445, min distance = 2.013029
CLCN5_HUMAN	1	448043	2g	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2J9L	1Q8U		Sc=6.04484, min distance = 2.000444
CLCN5_HUMAN	1	449088	1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1VYZ		Sc=6.15391, min distance = 1.909184
CLCN5_HUMAN	1	449240	1y	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2J9L	1YDR		Sc=5.99625, min distance = 1.938143
CLCN5_HUMAN	1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1E1V		Sc=6.22689, min distance = 2.270631

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CLCN5_HUMAN	1	4565	1h1z	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1H1R		Sc=6.39063, min distance = 0.917146
CLCN5_HUMAN	1	5288641	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1E9H		Sc=6.34855, min distance = 0.996004
CLCN5_HUMAN	1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	1OGU		Sc=6.5839, min distance = 1.3723651
CLCN5_HUMAN	1	5327124	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2C4G		Sc=6.36362, min distance = 1.683861
CLCN5_HUMAN	1	5331010	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2BKZ		Sc=6.32036, min distance = 0.802591
CLCN5_HUMAN	1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	2JA3	2ZIA		Sc=6.20544, min distance = 1.814010
CLCN5_HUMAN	1	6031	Urid	RIR1_YEAST	Fu	6022	Aden	2CVX	2JA3	2CVV		Sc=5.8138, min distance = 1.7880732
CLCN5_HUMAN	1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2J9L	2V8Q	0.98	Sc=6.42271, min distance = 0.950911
CLCN5_HUMAN	1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2J9L	2R7M	0.98	Sc=6.35674, min distance = 1.897548
CLCN5_HUMAN	1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2JA3	2R7M	0.99	Sc=6.35386, min distance = 2.361850
CLCN5_HUMAN	1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	2J9L	2R85	0.98	Sc=6.37563, min distance = 2.077726
CLCN5_HUMAN	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2JA3	1FMO	0.95	Sc=6.26369, min distance = 1.987761
CLCN5_HUMAN	1	6132	Cyti	RIR1_YEAST	Fu	6022	Aden	2CVX	2JA3	2CVU		Sc=6.26962, min distance = 1.657096
CLCN5_HUMAN	1	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2UUE		Sc=6.47162, min distance = 1.248911
CLCN5_HUMAN	1	6420139	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2C5V		Sc=6.35233, min distance = 0.886589
CLCN5_HUMAN	1	65059	Dec	RNAS1_BOVIN	Fu	6022	Aden	100H	2JA3	2QCA	0.77	Sc=6.25468, min distance = 1.766096
CLCN5_HUMAN	1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2JA3	2DXF	0.8	Sc=6.37695, min distance = 2.181076
CLCN5_HUMAN	1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	2J9L	2Q0E	0.8	Sc=5.9906, min distance = 2.2592501
CLCN5_HUMAN	1	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2J9L	2GNI		Sc=6.01391, min distance = 1.894894
CLCN5_HUMAN	1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2JA3	2DXE	0.8	Sc=6.42316, min distance = 2.219009
CLCN5_HUMAN	1	91532	AME	NIFH1_AZOVI	Fu	5957	Aden	2C8V	2J9L	2AFK	0.99	Sc=5.73659, min distance = 1.261461
CLCN5_HUMAN	1	9547944	2	RNAS1_BOVIN	Fu	6022	Aden	100H	2JA3	2G8R		Sc=6.49215, min distance = 0.518479
CLCN5_HUMAN	1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	3BHV		Sc=6.37079, min distance = 1.903372
CLCN5_HUMAN	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JA3	2R3H		Sc=6.24246, min distance = 0.583581
CLP1_YEAST	Fu	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2NPI	2UVY		Sc=6.23363, min distance = 1.926430
CLP1_YEAST	Fu	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2NPI	1YDS		Sc=5.9272, min distance = 2.1794334
CLP1_YEAST	Fu	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2NPI	1Q8W		Sc=5.97951, min distance = 2.248740
CLP1_YEAST	Fu	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2NPI	1BS1	0.91	Sc=6.00521, min distance = 2.163331
CLP1_YEAST	Fu	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2NPI	1W9I	0.91	Sc=6.0094, min distance = 0
CLP1_YEAST	Fu	448042	2e	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2NPI	1Q8T		Sc=6.14112, min distance = 2.493846
CLP1_YEAST	Fu	448043	2c	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2NPI	1Q8U		Sc=6.05675, min distance = 2.011951
CLP1_YEAST	Fu	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2NPI	1YDR		Sc=5.98692, min distance = 2.297559
CLP1_YEAST	Fu	6022	Ader	ARSA1_ECOLX	Fu	5957	Aden	1II0	2NPI	1IHU	0.99	Sc=6.01953, min distance = 2.258491
CLP1_YEAST	Fu	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	2NPI	2JA3	0.99	Sc=5.99926, min distance = 2.435361
CLP1_YEAST	Fu	6022	Ader	HSP7F_YEAST	Fu	5957	Aden	3D2F	2NPI	3C7N	0.99	Sc=5.98903, min distance = 2.190246
CLP1_YEAST	Fu	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	2NPI	1NN3	0.99	Sc=6.00521, min distance = 2.054576
CLP1_YEAST	Fu	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2NPI	1OH7	0.99	Sc=6.01113, min distance = 2.254372

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CLP1_YEAST	F1	6022	Ader	MYS2_DICDI	Fu:	5957	Aden	1FMW	2NPI	1VOM	0.99	Sc=6.01953, min distance = 0
CLP1_YEAST	F1	6022	Ader	PPCK_ECOLI	Fu:	5957	Aden	2OLR	2NPI	1K3C	0.99	Sc=6.0094, min distance = 2.1040140
CLP1_YEAST	F1	6022	Ader	PURK_ECOLI	Fu:	5957	Aden	3ETH	2NPI	3ETJ	0.99	Sc=6.45508, min distance = 2.262246
CLP1_YEAST	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	2NPI	2BEJ	0.99	Sc=6.00589, min distance = 2.065510
CLP1_YEAST	F1	6022	Ader	RK_BOVIN	Full:	5957	Aden	3C4W	2NPI	3C4Z	0.99	Sc=6.02484, min distance = 1.822759
CLP1_YEAST	F1	6083	ader	AAKG1_RAT	Fu:	5957	Aden	2V92	2NPI	2V8Q	0.98	Sc=5.92201, min distance = 2.215724
CLP1_YEAST	F1	6083	ader	PURP_METJA	Fu:	5957	Aden	2R7L	2NPI	2R7M	0.98	Sc=5.92818, min distance = 2.011390
CLP1_YEAST	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	2NPI	2R85	0.98	Sc=5.92437, min distance = 2.045380
CLP1_YEAST	F1	6083	ader	Y059_METJA	Fu:	5957	Aden	2J9C	2NPI	2J9D	0.98	Sc=5.90489, min distance = 2.018510
CLP1_YEAST	F1	6102784	Z	PSPF_ECOLI	Fu:	5957	Aden	2C96	2NPI	2C99	0.99	Sc=6.05611, min distance = 2.050660
CLP1_YEAST	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2NPI	2GNI		Sc=5.98583, min distance = 2.290598
CLP1_YEAST	F1	91532	AME	BIOD_ECOLI	Fu:	5957	Aden	1A82	2NPI	1DAG	0.99	Sc=6.08532, min distance = 1.987942
CLP1_YEAST	F1	91532	AME	INSR_HUMAN	Fu:	5957	Aden	3BU5	2NPI	1I44	0.99	Sc=6.54607, min distance = 2.053264
CLPB_THET8	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1QVR	2OXD		Sc=5.74491, min distance = 1.632830
CLPB_THET8	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1QVR	2ETK		Sc=6.13281, min distance = 1.445094
CLPB_THET8	F1	444564	AI	MYS2_DICDI	Fu:	33113	gar	1MMN	1QVR	1W9I	0.91	Sc=6.39849, min distance = 1.482750
CLPB_THET8	F1	447004	CI	MYS2_DICDI	Fu:	33113	gar	1MMN	1QVR	1LVK		Sc=6.15811, min distance = 1.735510
CLPB_THET8	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	1QVR	2ETR		Sc=6.17987, min distance = 2.027272
CLPB_THET8	F1	5149739	2	CSK2A_MAIZE	F1	33113	gar	1LP4	1QVR	2OXY		Sc=5.62544, min distance = 1.585889
CLPB_THET8	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1QVR	1ZOE		Sc=5.78205, min distance = 1.621119
CLPB_THET8	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1QVR	1ZOH		Sc=5.72555, min distance = 1.720510
CLPB_THET8	F1	5327148	C	IPKA_RABIT	Fu:	33113	gar	1CDK	1QVR	2ERZ		Sc=6.13712, min distance = 2.257840
CLPB_THET8	F1	91532	AME	CHEA_THEMA	Fu:	33113	gar	1I59	1QVR	1I58	0.99	Sc=6.47064, min distance = 1.295739
CLPB_THET8	F1	91532	AME	IGF1R_HUMAN	F1	33113	gar	1JQH	1QVR	1K3A	0.99	Sc=6.44154, min distance = 1.743452
CLPB_THET8	F1	91532	AME	PURT_ECOLI	Fu:	33113	gar	1EYZ	1QVR	1KJI	0.99	Sc=6.47134, min distance = 1.721850
CLPP_ECOLI	F1	444211	th	ACES_TORCA	Fu:	8172	Trig	2C5G	2FZS	1ACJ		Sc=5.74814, min distance = 2.073734
CLPX_HELPHY	F1	11957393		FAK1_HUMAN	Fu:	6022	Aden	1MP8	1UM8	2ETM		Sc=6.26216, min distance = 1.962446
CLPX_HELPHY	F1	1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1H1Q		Sc=6.36793, min distance = 1.733509
CLPX_HELPHY	F1	188966	dZ	HSLU_ECOLI	Fu:	6022	Aden	1HQY	1UM8	1G4A	0.98	Sc=5.96547, min distance = 2.162399
CLPX_HELPHY	F1	23653515		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2R3F		Sc=5.96764, min distance = 2.188356
CLPX_HELPHY	F1	23653518		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2R3J		Sc=6.16345, min distance = 1.760490
CLPX_HELPHY	F1	23653519		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2R3K		Sc=6.15692, min distance = 1.684374
CLPX_HELPHY	F1	23653520		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2R3L		Sc=6.24794, min distance = 1.867412
CLPX_HELPHY	F1	23653526		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2R3R		Sc=6.25142, min distance = 2.062469
CLPX_HELPHY	F1	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1JSV		Sc=6.04385, min distance = 2.102598
CLPX_HELPHY	F1	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1E1X		Sc=6.16111, min distance = 1.987762
CLPX_HELPHY	F1	444564	AI	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1UM8	1BS1	0.91	Sc=5.67541, min distance = 2.076619

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CLPX_HELPY	F1	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1H0V			Sc=6.06749, min distance = 2.309795
CLPX_HELPY	F1	447649	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1OI9			Sc=6.4305, min distance = 1.7365039
CLPX_HELPY	F1	447656	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1O1Y			Sc=6.5088, min distance = 1.3009246
CLPX_HELPY	F1	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1E1V			Sc=6.1216, min distance = 2.2335337
CLPX_HELPY	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1H1R			Sc=6.36505, min distance = 1.959976
CLPX_HELPY	F1	9547890	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	1W8C			Sc=6.22897, min distance = 2.342639
CLPX_HELPY	F1	9991833	9	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2R3H			Sc=6.04877, min distance = 2.103769
CLPX_HELPY	F1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UM8	2VTJ			Sc=5.80074, min distance = 2.243463
CM4T_STRPE	F1	188380	Ad	MCES_ENCUC	Fu:	439155	Ad	1RI1	1TW3	1Z3C	0.91		Sc=6.55295, min distance = 2.067794
CM4T_STRPE	F1	446535	CI	HNMT_HUMAN	Fu:	439155	Ad	2AOT	1TW3	1JQE	0.95		Sc=6.52, min distance = 2.190458171
CM4T_STRPE	F1	60961	ade	PIMT_PYRFU	Fu:	439155	Ad	1JG1	1TW3	1JG2	0.84		Sc=6.2668, min distance = 2.3815299
CMA1_HUMAN	F1	8200	TETF	LMBL1_HUMAN	F1	78165	MES	1OZ2	1T31	2RHI			Sc=5.89283, min distance = 0.897247
CMTD1_HUMAN	I	439176	Me	MTR1_RHOSH	Fu:	34756	Acy	1NW5	2AVD	1EG2	0.91		Sc=6.29327, min distance = 2.006590
CMTD1_HUMAN	I	445971	CI	COMT_RAT	Full:	34756	Acy	2CL5	2AVD	1H1D	0.92		Sc=6.5628, min distance = 2.3978951
CNGK1_RHILO	I	155448	B-	GLPG_ECOLI	Fu:	444279	1s	2IRV	3BEH	3B44			Sc=6.29259, min distance = 1.237537
CNGK1_RHILO	I	656964	1y	PDE4D_HUMAN	F1	6076	Cycl	2PW3	1VP6	1Y2C			Sc=5.97637, min distance = 2.628012
CNGK1_RHILO	I	656966	1y	PDE4D_HUMAN	F1	6076	Cycl	2PW3	1VP6	1Y2E			Sc=6.10705, min distance = 2.585129
CNGK1_RHILO	I	6858240	C	KAP0_BOVIN	Fu:	24316	cyc	1RL3	3CL1	1NE6	31.37	0.79	Sc=6.30399, min distance = 1.979080
CNGK1_RHILO	I	6858240	C	KAP0_BOVIN	Fu:	6076	Cycl	1RGS	1VP6	1NE6	31.37	0.98	Sc=6.28665, min distance = 1.960377
COAA_ECOLI	F1	11957393		FAK1_HUMAN	Fu:	6022	Aden	1MP8	1SQ5	2ETM			Sc=6.34563, min distance = 2.420500
COAA_ECOLI	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1ESN	2OXD			Sc=5.75732, min distance = 2.178017
COAA_ECOLI	F1	23653515		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	2R3F			Sc=6.08092, min distance = 1.997691
COAA_ECOLI	F1	23653516		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	2R3G			Sc=6.2963, min distance = 1.6213802
COAA_ECOLI	F1	23653518		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	2R3J			Sc=6.26075, min distance = 1.994912
COAA_ECOLI	F1	23653519		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	2R3K			Sc=6.26593, min distance = 1.916844
COAA_ECOLI	F1	23653521		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	2R3M			Sc=6.44509, min distance = 1.573659
COAA_ECOLI	F1	23653524		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	2R3P			Sc=6.34295, min distance = 1.489680
COAA_ECOLI	F1	24779678		CSK2A_MAIZE	F1	33113	gar	1LP4	1ESN	2PVM			Sc=6.49548, min distance = 2.148891
COAA_ECOLI	F1	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	1JSV			Sc=6.0378, min distance = 1.8834107
COAA_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1SQ5	1BS1	0.91		Sc=6.45576, min distance = 2.359163
COAA_ECOLI	F1	444564	AD	MYS2_DICDI	Fu:	33113	gar	1MMN	1ESN	1W9I	0.91		Sc=6.43359, min distance = 2.584163
COAA_ECOLI	F1	444842	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	1CKP			Sc=5.60314, min distance = 2.099134
COAA_ECOLI	F1	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	1GZ8			Sc=6.2103, min distance = 1.4020716
COAA_ECOLI	F1	447004	CI	MYS2_DICDI	Fu:	33113	gar	1MMN	1ESN	1LVK			Sc=6.17503, min distance = 2.668502
COAA_ECOLI	F1	447052	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	1ESN	1M2R			Sc=6.34402, min distance = 2.233442
COAA_ECOLI	F1	447649	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	1OI9			Sc=6.45113, min distance = 2.246120
COAA_ECOLI	F1	447656	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SQ5	1O1Y			Sc=6.52095, min distance = 2.525345

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COAA_ECOLI	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	1PXI		Sc=5.76353, min distance = 2.091984
COAA_ECOLI	F1	449087	1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	1VYW		Sc=6.25497, min distance = 1.793207
COAA_ECOLI	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	1H1R		Sc=6.38271, min distance = 2.300019
COAA_ECOLI	F1	5149739	2	CSK2A_MAIZE	F1	33113	gar	1LP4	1ESN	2OXY		Sc=5.62853, min distance = 2.258816
COAA_ECOLI	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1ESN	1ZOE		Sc=5.79075, min distance = 2.398269
COAA_ECOLI	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1ESN	1ZOH		Sc=5.69243, min distance = 2.134063
COAA_ECOLI	F1	5327087	3	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	2BPM		Sc=6.40287, min distance = 1.428771
COAA_ECOLI	F1	5327130	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	2C68		Sc=6.25618, min distance = 1.811564
COAA_ECOLI	F1	5327133	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	2C6K		Sc=6.36662, min distance = 1.819299
COAA_ECOLI	F1	5327135	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	2C6M		Sc=6.28322, min distance = 1.657389
COAA_ECOLI	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1SQ5	1A82	0.99	Sc=6.50178, min distance = 2.347769
COAA_ECOLI	F1	5957	Ader	HSLU_ECOLI	Fu	6022	Aden	1HQY	1SQ5	1DO0	0.99	Sc=6.5136, min distance = 1.2853812
COAA_ECOLI	F1	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	1SQ5	1Q12	0.99	Sc=6.01753, min distance = 1.971089
COAA_ECOLI	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1SQ5	3C4W	0.99	Sc=6.49041, min distance = 2.044479
COAA_ECOLI	F1	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1SQ5	2ZIA		Sc=5.90774, min distance = 2.036546
COAA_ECOLI	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1ESN	1Q97	0.93	Sc=5.84541, min distance = 2.315629
COAA_ECOLI	F1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1SQ5	1Q97	0.95	Sc=6.28168, min distance = 2.230394
COAA_ECOLI	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1SQ5	2PO2		Sc=5.83741, min distance = 2.489729
COAA_ECOLI	F1	6338561	0	MYS2_DICDI	Fu	33113	gar	1MMN	1ESN	1D0X		Sc=6.15819, min distance = 2.361029
COAA_ECOLI	F1	6338562	0	MYS2_DICDI	Fu	33113	gar	1MMN	1ESN	1D0Y		Sc=6.22685, min distance = 2.207559
COAA_ECOLI	F1	6420139	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	2C5V		Sc=6.30344, min distance = 1.191978
COAA_ECOLI	F1	6540255	0	DAPK1_HUMAN	F1	33113	gar	1JKL	1ESN	1WVX		Sc=6.28733, min distance = 2.551369
COAA_ECOLI	F1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SQ5	1Y8Y		Sc=6.01199, min distance = 1.653112
COAA_ECOLI	F1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	1SQ5	1DAG	0.99	Sc=6.52118, min distance = 2.146004
COAA_ECOLI	F1	91532	AMF	KIF1A_MOUSE	F1	33113	gar	1VFV	1ESN	1I6I	0.99	Sc=6.49881, min distance = 2.176741
COAA_ECOLI	F1	91532	AMF	PURT_ECOLI	Fu	33113	gar	1EYZ	1ESN	1KJI	0.99	Sc=6.49881, min distance = 2.033942
COABC_ECOLI	I	101609	Ur	RNAS1_BOVIN	F1	6131	cyti	1RNN	1U80	100M	0.83	Sc=6.2947, min distance = 1.8147490
COABC_ECOLI	I	656946	CI	RNAS1_BOVIN	F1	6131	cyti	1RNN	1U80	1W4Q		Sc=6.2737, min distance = 1.7655579
COAE_ECOLI	F1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VHL	1H0V		Sc=5.92645, min distance = 2.323870
COAE_ECOLI	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VHL	1PXI		Sc=5.67031, min distance = 1.969049
COAE_ECOLI	F1	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1VHL	2ZIA		Sc=5.68955, min distance = 2.241812
COAE_ECOLI	F1	60961	ade	STK6_HUMAN	Fu	6022	Aden	1MQ4	1VHL	1MUO	0.95	Sc=6.14726, min distance = 2.071117
COAE_HAEIN	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	1JJV	1COW	0.91	Sc=6.0312, min distance = 2.2701528
COAE_HAEIN	F1	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	1JJV	1LVK		Sc=5.75019, min distance = 0
COAE_HAEIN	F1	6338561	0	MYS2_DICDI	Fu	5957	Aden	1FMW	1JJV	1D0X		Sc=6.15821, min distance = 0
COAE_HAEIN	F1	6338562	0	MYS2_DICDI	Fu	5957	Aden	1FMW	1JJV	1D0Y		Sc=6.15821, min distance = 0
COAE_THEMEA	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GRJ	1E1V		Sc=5.94644, min distance = 1.768156

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COAE_THEMA	F1	91532 AME	NIFH1_AZOVI	F1	6022	Aden	1FP6	2GRJ	2AFK	0.99	Sc=6.04695, min distance = 2.084485
COAE_THET8	F1	6022 Ader	Q72H90_THET2	1	5957	Aden	2BEK	1UF9	2BEJ	0.99	Sc=5.97148, min distance = 2.302675
COAX_THEMA	F1	1540 1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1H1Q		Sc=5.94973, min distance = 2.235755
COAX_THEMA	F1	23653516	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	2R3G		Sc=6.02089, min distance = 2.029635
COAX_THEMA	F1	24864081	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	2VTS		Sc=6.06378, min distance = 2.249185
COAX_THEMA	F1	2608 1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1JSV		Sc=5.62052, min distance = 1.962514
COAX_THEMA	F1	445966 06	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1H0V		Sc=5.88645, min distance = 1.785734
COAX_THEMA	F1	447649 1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1OI9		Sc=6.06255, min distance = 1.809734
COAX_THEMA	F1	447654 CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1OIT		Sc=5.81219, min distance = 2.034802
COAX_THEMA	F1	447655 1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1OIU		Sc=5.9516, min distance = 2.078808
COAX_THEMA	F1	448043 2c	IPKA_RAT	Full	6022	Aden	1L3R	3BF1	1Q8U		Sc=5.68228, min distance = 2.388344
COAX_THEMA	F1	4564 1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1E1V		Sc=5.75009, min distance = 1.631650
COAX_THEMA	F1	4565 1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1H1R		Sc=5.94448, min distance = 2.070425
COAX_THEMA	F1	5327134 C	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	2C6L		Sc=6.13359, min distance = 1.482355
COAX_THEMA	F1	5957 Ader	AROK_MYCTU	Fu	6022	Aden	2IYV	3BF1	2IYW	0.99	Sc=5.9266, min distance = 2.2962730
COAX_THEMA	F1	5957 Ader	KTHY_HUMAN	Fu	6022	Aden	1NN3	3BF1	1E2Q	0.99	Sc=5.93769, min distance = 2.450885
COAX_THEMA	F1	5957 Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	3BF1	1W7A	0.99	Sc=6.3787, min distance = 2.1504805
COAX_THEMA	F1	6914614 p	IPKA_RABIT	Fu	6022	Aden	1JBP	3BF1	2F7Z		Sc=6.43226, min distance = 2.186252
COAX_THEMA	F1	91532 AME	KIF1A_MOUSE	F1	6022	Aden	1I5S	3BF1	1I6I	0.99	Sc=5.93527, min distance = 1.989056
COAX_THEMA	F1	9547890 I	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BF1	1W8C		Sc=5.74912, min distance = 1.932935
COBU_SALTY	F1	444699 1k	HPRT_HUMAN	Fu	6804	guan	1HMP	1C9K	1BZY		Sc=5.94886, min distance = 2.086705
COBU_SALTY	F1	73323 Xar	HGXR_TOXGO	Fu	6804	guan	1QK3	1C9K	1QK5	0.95	Sc=5.62803, min distance = 1.615295
COFD_METMA	F1	188347 pg	ARL5A_HUMAN	F1	8977	1dar	2H17	3C3E	1ZJ6	0.99	Sc=6.54615, min distance = 2.032165
COFD_METMA	F1	24978488	TBB2B_BOVIN	F1	8977	1dar	1Z2B	3C3E	3DU7		Sc=6.50825, min distance = 2.068590
COFD_METMA	F1	37792 gar	GNAT1_BOVIN	F1	8977	1dar	1TAD	3C3E	1TND	0.99	Sc=6.53076, min distance = 0.722302
COFD_METMA	F1	37792 gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	3C3E	1CXZ	0.99	Sc=6.52496, min distance = 1.612414
COFD_METMA	F1	444148 1a	RHA1_ARATH	Fu	8977	1dar	2EFC	3C3E	2EFE	0.99	Sc=6.48902, min distance = 1.886465
COFD_METMA	F1	444845 1c	RASH_HUMAN	Fu	8977	1dar	2CE2	3C3E	1CLU	0.97	Sc=6.12624, min distance = 2.131375
COFD_METMA	F1	445463 B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	3C3E	1L9N		Sc=6.25749, min distance = 1.460632
COFD_METMA	F1	447979 5G	KGUA_ECOLI	Fu	8977	1dar	2AN9	3C3E	2ANB		Sc=6.45361, min distance = 2.073152
COFD_METMA	F1	448405 CI	ARF1_RAT	Full	8977	1dar	1RRG	3C3E	1RRF		Sc=6.50154, min distance = 1.674505
COFD_METMA	F1	6022 Ader	PARM_ECOLX	Fu	8977	1dar	2ZGY	3C3E	1MWM	0.8	Sc=6.49017, min distance = 1.732940
COFD_METMA	F1	6804 guar	EF1A_YEAST	Fu	8977	1dar	2B7B	3C3E	1G7C	0.99	Sc=6.41728, min distance = 2.356665
COFD_METMA	F1	6804 guar	TGM3_HUMAN	Fu	8977	1dar	1VJJ	3C3E	1SGX	0.99	Sc=6.46187, min distance = 2.195112
COFD_METMA	F1	8582 Inos	PUR1_MOUSE	F1	8977	1dar	1LON	3C3E	1IWE	0.99	Sc=6.40916, min distance = 2.093174
COFD_METMA	F1	93082 Gab	CDC42_HUMAN	F1	8977	1dar	2NGR	3C3E	2ODB	0.99	Sc=6.56476, min distance = 1.310425
COFD_METMA	F1	93082 Gab	RAC3_HUMAN	Fu	8977	1dar	2C2H	3C3E	2QME	0.99	Sc=6.11448, min distance = 1.086405

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COFD_METMA	F1	93082	Gak	RASH_HUMAN	Fu	8977	ldar	2CE2	3C3E	121P	0.99	Sc=6.11714, min distance = 1.414278
COFE_ARCFU	F1	24978488		TBB2B_BOVIN	F1	8977	ldar	1Z2B	2PHN	3DU7		Sc=6.50046, min distance = 1.398785
COFE_ARCFU	F1	444148	1a	RHA1_ARATH	Fu	8977	ldar	2EFC	2PHN	2EFE	0.99	Sc=6.48679, min distance = 2.418788
COFE_ARCFU	F1	447979	5C	KGUA_ECOLI	Fu	8977	ldar	2AN9	2PHN	2ANB		Sc=6.43349, min distance = 1.900215
COFE_ARCFU	F1	448405	CI	ARF1_RAT	Full	8977	ldar	1RRG	2PHN	1RRF		Sc=6.49936, min distance = 2.062145
COFE_ARCFU	F1	6022	Ader	O33839_THEMA	I	8977	ldar	1XJE	2PHN	1XJK	0.8	Sc=6.48738, min distance = 1.699244
COFE_ARCFU	F1	6022	Ader	PARM_ECOLX	Fu	8977	ldar	2ZGY	2PHN	1MWM	0.8	Sc=6.47927, min distance = 1.939364
COFE_ARCFU	F1	8582	Inos	PUR1_MOUSE	F1	8977	ldar	1LON	2PHN	1IWE	0.99	Sc=6.39681, min distance = 2.061054
COFI_SCHPO	F1	7054	Isat	AOFB_HUMAN	Fu	444279	1s	1OJD	2I2Q	1OJA		Sc=5.68288, min distance = 2.077748
COL12_MOUSE	I	24808489		IGF1R_HUMAN	F1	439554	fu	1IGR	2OX9	2ZM3		Sc=6.23967, min distance = 5.070068
COL12_MOUSE	I	446996	GA	Q9HYN5_PSEAE	I	439353	be	1W8F	2OX9	1W8H	0.89	Sc=5.77993, min distance = 1.456514
COMB_THET8	F1	23831	HEE	DEF_LEPIN	Fu	78165	MES	1VEV	2Z0J	1VEY	0.81	Sc=5.60285, min distance = 1.349064
COMT1_MEDSA	I	70164	Met	XYNY_CLOTM	Fu	445858	fe	1GKL	1KYZ	1WB5	0.84	Sc=5.69787, min distance = 2.091935
COMT_HUMAN	F1	4369234	C	COMT_RAT	Full	34756	Acy	2CL5	3BWY	1JR4		Sc=6.72202, min distance = 2.541675
COMT_HUMAN	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	3BWY	1H1D	0.92	Sc=6.60062, min distance = 2.397958
COMT_RAT	Fu	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2CL5	1EG2	0.91	Sc=6.33651, min distance = 2.123955
CONA_CANEN	F1	126154	Cy	Q54276_SERMA	I	24139	ace	1UR9	1TEI	1W1P		Sc=5.7972, min distance = 0.6543194
CONA_CANEN	F1	16741013		CARP_YEAST	Fu	185698	al	1DPJ	1CVN	1FQ6		Sc=5.64084, min distance = 1.855145
CONA_CANEN	F1	439554	fu	Q9HYN5_PSEAE	I	101798	Me	2JDN	5CNA	1UZV	0.96	Sc=5.673, min distance = 2.49900980
CONA_CANEN	F1	446972	Mu	LECB_LATOC	Fu	64947	alp	1LOA	1GIC	1LOD	44.78	Sc=6.10978, min distance = 2.258816
CONA_CANEN	F1	6102754	2	Q9HYN5_PSEAE	I	101798	Me	2JDN	5CNA	2BOJ	0.94	Sc=5.60997, min distance = 1.998256
CONA_CANEN	F1	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	1TEI	1YIL		Sc=6.10236, min distance = 0.495007
CONA_CANEN	F1	84265	1ax	LECA_ARTIN	Fu	101798	Me	1WS5	5CNA	1M26		Sc=5.99738, min distance = 2.089595
CONA_CANGL	F1	446578	1x	Q9HYN5_PSEAE	I	185698	al	1OVS	2OVU	2JDP	0.94	Sc=5.64961, min distance = 1.892507
CONA_CANGL	F1	446972	Mu	LEC1_LATOC	Fu	101798	Me	1LOB	2OVU	1LOD	45.45	Sc=6.15741, min distance = 1.986758
CONA_CANGL	F1	84265	1ax	LECA_ARTIN	Fu	101798	Me	1WS5	2OVU	1M26		Sc=6.01715, min distance = 2.063335
CONA_CANMR	F1	151504	D	CONA_CANEN	Fu	101798	Me	5CNA	2OW4	1I3H		Sc=5.77106, min distance = 2.127995
CONA_CANMR	F1	445948	D	Q9HYN5_PSEAE	I	101798	Me	2JDN	2OW4	1OXC		Sc=5.67761, min distance = 2.449116
CONA_CANMR	F1	446578	1x	Q9HYN5_PSEAE	I	185698	al	1OVS	2OW4	2JDP	0.94	Sc=5.64961, min distance = 1.882114
CONA_CANMR	F1	6102754	2	Q9HYN5_PSEAE	I	101798	Me	2JDN	2OW4	2BOJ	0.94	Sc=5.6204, min distance = 2.0109714
CONA_CANMR	F1	84265	1ax	LECA_ARTIN	Fu	101798	Me	1WS5	2OW4	1M26		Sc=6.01715, min distance = 2.074095
COTI_BACSU	F1	10041129		SAHH_MYCTU	Fu	60961	ade	3CE6	2Q83	3DHY	0.89	Sc=6.00907, min distance = 2.321776
COX1B_PARDE	I	155448	B	GLPG_ECOLI	Fu	444279	1s	2IRV	1AR1	3B44		Sc=6.26739, min distance = 0.896315
COX1B_PARDE	I	445070	fa	AOFB_HUMAN	Fu	444279	1s	1OJD	1AR1	2BK3		Sc=5.6917, min distance = 1.8781738
COX1_THET8	F1	11957363		HBB_HUMAN	Fu	444124	HE	1NQP	1EHK	1RQA	0.81	Sc=6.81963, min distance = 2.128357
COX1_THET8	F1	11957364		HMOX1_HUMAN	F1	444124	HE	1OZW	1EHK	1S13	0.86	Sc=6.73944, min distance = 1.945017
COX1_THET8	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1EHK	1TWN		Sc=6.68596, min distance = 1.029165

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COX1_THET8	F1	11957373	CATE_ECOLI	Fu	444124	HE	1IPH	1EHK	1P81	0.79	Sc=6.81575, min distance = 1.946426
COX1_THET8	F1	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	2QPD	2CMM		Sc=6.21777, min distance = 2.066821
COX1_THET8	F1	11957385	MYG_PHYCA	Fu	444207	He	1VXG	2QPE	2CMM		Sc=6.34959, min distance = 2.105821
COX1_THET8	F1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	2QPD	1BEM	0.83	Sc=6.80041, min distance = 2.037419
COX1_THET8	F1	16214774	CP51_MYCTU	Fu	444124	HE	2CIB	1EHK	2CI0	0.95	Sc=6.69063, min distance = 2.218721
COX1_THET8	F1	16741061	MYG_PHYCA	Fu	444098	HE	1A6M	2QPD	1MBC	0.83	Sc=6.71505, min distance = 2.033178
COX1_THET8	F1	16741183	CPXA_PSEPU	Fu	444207	He	1PHC	2QPE	2ZAW	0.93	Sc=6.681, min distance = 2.09938014
COX1_THET8	F1	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2QPD	1B0B	0.96	Sc=6.76178, min distance = 2.015231
COX1_THET8	F1	4369136	GLB_APLLI	Fu	444207	He	3MBA	2QPE	1DM1	0.89	Sc=6.80596, min distance = 2.039442
COX1_THET8	F1	444097	MYG_PHYCA	Fu	444207	He	1VXG	2QPE	2EVK	0.96	Sc=6.81164, min distance = 2.087084
COX1_THET8	F1	444279	GLPG_ECOLI	Fu	155448	B-	3B44	1EHK	2IRV		Sc=5.83138, min distance = 1.257507
COX1_THET8	F1	444522	HBA_HORSE	Fu	444207	He	2ZLW	2QPE	1Y8K	1	Sc=6.81831, min distance = 2.061231
COX1_THET8	F1	444522	MYG_PHYCA	Fu	444207	He	1VXG	2QPE	1VXD	1	Sc=6.78388, min distance = 2.040249
COX1_THET8	F1	444668	MYG_PHYCA	Fu	444098	HE	1A6M	2QPD	1BVD	0.8	Sc=6.35309, min distance = 2.196946
COX1_THET8	F1	444668	MYG_PHYCA	Fu	444124	HE	1U7R	1EHK	1BVD	0.84	Sc=6.84259, min distance = 2.237129
COX1_THET8	F1	444668	MYG_PHYCA	Fu	444207	He	1VXG	2QPE	1BVD	0.84	Sc=6.0885, min distance = 2.2650328
COX1_THET8	F1	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	1EHK	1I3D	0.89	Sc=6.82337, min distance = 2.121354
COX1_THETH	F1	11957353	HBA_HORSE	Fu	444098	HE	2D5X	1XME	1IWH	0.83	Sc=6.81831, min distance = 2.117439
COX1_THETH	F1	11957363	HBB_HUMAN	Fu	444098	HE	1J40	1XME	1RQA	0.77	Sc=6.82312, min distance = 1.919850
COX1_THETH	F1	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	1XME	2CMM		Sc=6.35124, min distance = 2.195216
COX1_THETH	F1	16741183	CPXA_PSEPU	Fu	444098	HE	1YRC	1XME	2ZAW	0.97	Sc=6.68337, min distance = 2.069274
COX1_THETH	F1	23624229	COX1_THET8	Fu	444098	HE	2QPD	1XME	2QPE		Sc=6.89809, min distance = 2.068339
COX1_THETH	F1	23624229	COX1_THET8	Fu	445348	HA	1EHK	1XME	2QPE	0.84	Sc=6.89178, min distance = 2.263671
COX1_THETH	F1	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	1XME	1B0B	0.96	Sc=6.81438, min distance = 2.103968
COX2_PARDE	F1	155448	GLPG_ECOLI	Fu	444279	1s	2IRV	1AR1	3B44		Sc=5.85005, min distance = 1.620590
CP119_SULAC	1	11957370	HMOX1_HUMAN	F1	444124	HE	1OZW	1IO7	1TWN		Sc=6.66617, min distance = 2.085957
CP119_SULAC	1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	1IO7	1TWR		Sc=6.67921, min distance = 2.155408
CP119_SULAC	1	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	1IO7	2CMM		Sc=6.31899, min distance = 2.270598
CP119_SULAC	1	444207	CP119_SULTO	F1	444124	HE	3B4X	1IO7	1UE8	0.99	Sc=6.80596, min distance = 2.376022
CP119_SULAC	1	444522	NOS3_BOVIN	Fu	444124	HE	1ZZS	1IO7	2HX2	0.99	Sc=6.76983, min distance = 2.478601
CP119_SULAC	1	444522	NOSO_BACSU	Fu	444124	HE	2AN0	1IO7	2FC1	0.99	Sc=6.76456, min distance = 2.012748
CP119_SULAC	1	446406	MYG_PHYCA	Fu	444124	HE	1U7R	1IO7	1J3F		Sc=6.38773, min distance = 2.100922
CP119_SULAC	1	5326592	HMOX1_RAT	Fu	444124	HE	1J02	1IO7	1J2C	0.84	Sc=6.75192, min distance = 2.038507
CP119_SULTO	1	11957370	HMOX1_HUMAN	F1	444124	HE	1OZW	3B4X	1TWN		Sc=6.64877, min distance = 2.185138
CP119_SULTO	1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	3B4X	1TWR		Sc=6.6712, min distance = 1.8733878
CP119_SULTO	1	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	3B4X	2CMM		Sc=6.28942, min distance = 2.461159
CP119_SULTO	1	11957385	MYG_PHYCA	Fu	444207	He	1VXG	1UE8	2CMM		Sc=6.32264, min distance = 2.022786

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CP119_SULTO	1	16214774	CP51_MYCTU	Fu	444124	HE	2CIB	3B4X	2CI0	0.95	Sc=6.67065, min distance = 2.37961	
CP119_SULTO	1	444522	HE	CP2C9_HUMAN	Fu	444124	HE	1OG2	3B4X	1R90	0.99	Sc=6.78803, min distance = 2.25074
CP119_SULTO	1	444522	HE	CPXA_PSEPU	Fu	444207	He	1PHC	1UE8	1QM0	1	Sc=6.78763, min distance = 2.30526
CP119_SULTO	1	444522	HE	HBA_HORSE	Fu	444207	He	2ZLW	1UE8	1Y8K	1	Sc=6.81771, min distance = 1.65034
CP119_SULTO	1	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	3B4X	2HX2	0.99	Sc=6.74967, min distance = 2.29784
CP119_SULTO	1	446406	C2	MYG_PHYCA	Fu	444124	HE	1U7R	3B4X	1J3F		Sc=6.39617, min distance = 2.17573
CP120_SYNY3	1	11957353		HBB_HORSE	Fu	444098	HE	2D5X	2VE3	1IWH	0.83	Sc=6.79297, min distance = 2.10612
CP120_SYNY3	1	11957360		CY1_BOVIN	Fu	444098	HE	1L0N	2VE3	1NTM		Sc=6.80469, min distance = 2.17934
CP120_SYNY3	1	11957363		HBB_HUMAN	Fu	444098	HE	1J40	2VE3	1RQA	0.77	Sc=6.79473, min distance = 2.25915
CP120_SYNY3	1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2VE3	2CMM		Sc=6.29556, min distance = 2.71760
CP130_MYCTU	1	11957353		HBB_HORSE	Fu	444124	HE	1Y8I	2UVN	1IWH	0.87	Sc=6.76792, min distance = 2.57707
CP130_MYCTU	1	11957355		CY1_BOVIN	Fu	444098	HE	1L0N	2UUQ	1L0L	0.77	Sc=6.76582, min distance = 2.19148
CP130_MYCTU	1	11957360		CY1_BOVIN	Fu	444098	HE	1L0N	2UUQ	1NTM		Sc=6.80337, min distance = 2.19908
CP130_MYCTU	1	11957361		CY1_BOVIN	Fu	444098	HE	1L0N	2UUQ	1NTZ	0.8	Sc=6.7649, min distance = 2.35590
CP130_MYCTU	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2UVN	1TWN		Sc=6.6173, min distance = 2.30162
CP130_MYCTU	1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	2UVN	1TWR		Sc=6.66089, min distance = 2.09369
CP130_MYCTU	1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2UUQ	2CMM		Sc=6.30099, min distance = 2.17922
CP130_MYCTU	1	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	2UVN	2CMM		Sc=6.16592, min distance = 2.72964
CP130_MYCTU	1	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	2UVN	2CI0	0.95	Sc=6.65227, min distance = 2.69458
CP130_MYCTU	1	16214831		CP3A4_HUMAN	Fu	444098	HE	1W0F	2UUQ	2V0M		Sc=5.94252, min distance = 1.77432
CP130_MYCTU	1	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	2UVN	1UE8	0.99	Sc=6.77121, min distance = 2.50079
CP130_MYCTU	1	444522	HE	HBA_HORSE	Fu	444124	HE	1Y8I	2UVN	1Y8K	0.99	Sc=6.78275, min distance = 2.42176
CP130_MYCTU	1	444522	HE	HBA_PAGBE	Fu	444124	HE	1S5X	2UVN	1PBX	0.99	Sc=6.77026, min distance = 2.00927
CP130_MYCTU	1	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	2UVN	2HX2	0.99	Sc=6.73414, min distance = 2.40649
CP130_MYCTU	1	5326592	C	HMOX1_RAT	Fu	444124	HE	1J02	2UVN	1J2C	0.84	Sc=6.71992, min distance = 2.16258
CP1A2_HUMAN	1	11957330		CCPR_YEAST	Fu	444522	HE	3E20	2HI4	1BEQ	0.84	Sc=6.79908, min distance = 2.08358
CP1A2_HUMAN	1	11957355		CYB_BOVIN	Fu	444522	HE	1BGY	2HI4	1L0L	0.81	Sc=6.79036, min distance = 2.20273
CP1A2_HUMAN	1	11957363		HBA_HUMAN	Fu	444522	HE	2DN1	2HI4	1RQA	0.81	Sc=6.80971, min distance = 2.43126
CP1A2_HUMAN	1	11957385		MYG_PHYCA	Fu	444522	HE	1VXD	2HI4	2CMM		Sc=6.29896, min distance = 2.36903
CP1A2_HUMAN	1	11970220		CCPR_YEAST	Fu	444522	HE	3E20	2HI4	1BEP	0.83	Sc=6.80658, min distance = 2.13499
CP1A2_HUMAN	1	11970221		CCPR_YEAST	Fu	444522	HE	3E20	2HI4	1BES	0.87	Sc=6.7636, min distance = 2.04818
CP1A2_HUMAN	1	11970222		CCPR_YEAST	Fu	444522	HE	3E20	2HI4	1BJ9	0.81	Sc=6.85121, min distance = 1.99929
CP1A2_HUMAN	1	11970242		CCPR_YEAST	Fu	444522	HE	3E20	2HI4	1CPE	0.87	Sc=6.80007, min distance = 2.11583
CP1A2_HUMAN	1	4369228	C	PER_COPCI	Fu	444522	HE	1H3J	2HI4	1LYC	0.96	Sc=6.8053, min distance = 2.11329
CP1A2_HUMAN	1	444124	HE	PER_COPCI	Fu	444522	HE	1H3J	2HI4	1LY9	0.99	Sc=6.80363, min distance = 2.12879
CP1A2_HUMAN	1	444124	HE	Q83WG3_9ACTO	1	444522	HE	2Z3T	2HI4	2Z3U	0.99	Sc=6.80825, min distance = 2.06753
CP1A2_HUMAN	1	444207	He	PER_COPCI	Fu	444522	HE	1H3J	2HI4	1LY8	1	Sc=6.80337, min distance = 2.05065

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CP1A2_HUMAN	1	446409	HN	HBA_HUMAN	Ful	444522	HE	2DN1	2HI4	1J40	0.98	Sc=6.81003, min distance = 1.909594
CP2A6_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1Z10	1TWN		Sc=6.64839, min distance = 2.082930
CP2A6_HUMAN	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1Z10	2CMM		Sc=6.28364, min distance = 2.407094
CP2A6_HUMAN	1	11957385		MYG_PHYCA	Ful	444522	HE	1VXD	2FDV	2CMM		Sc=6.30925, min distance = 2.002167
CP2A6_HUMAN	1	122783	8-	Q88NF7_PSEPK	1	323	couma	2H90	1Z10	2H8Z	0.86	Sc=5.78959, min distance = 0.831570
CP2A6_HUMAN	1	444207	He	COX1_THET8	Fu	444124	HE	1EHK	1Z10	2QPE	0.99	Sc=6.81798, min distance = 2.040070
CP2A6_HUMAN	1	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	1Z10	1UE8	0.99	Sc=6.81363, min distance = 2.079454
CP2A6_HUMAN	1	444207	He	HBB_HORSE	Ful	444124	HE	1Y8I	1Z10	2ZLW	0.99	Sc=6.81798, min distance = 1.815271
CP2A6_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	1Z10	1J3F		Sc=6.37091, min distance = 2.176016
CP2A6_HUMAN	1	446409	HN	HBA_HUMAN	Ful	444522	HE	2DN1	2FDV	1J40	0.98	Sc=6.80791, min distance = 1.922807
CP2A6_HUMAN	1	5326592	C	HMOX1_RAT	Ful	444124	HE	1J02	1Z10	1J2C	0.84	Sc=6.73699, min distance = 2.365233
CP2AD_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2PG5	1TWN		Sc=6.64215, min distance = 1.902441
CP2AD_HUMAN	1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	2PG5	1TWR		Sc=6.66899, min distance = 1.751579
CP2AD_HUMAN	1	444207	He	COX1_THET8	Fu	444124	HE	1EHK	2PG5	2QPE	0.99	Sc=6.80855, min distance = 2.032402
CP2AD_HUMAN	1	444207	He	HBB_HORSE	Ful	444124	HE	1Y8I	2PG5	2ZLW	0.99	Sc=6.81333, min distance = 1.786022
CP2AD_HUMAN	1	444522	HE	HBA_PAGBE	Ful	444124	HE	1S5X	2PG5	1PBX	0.99	Sc=6.80259, min distance = 2.073778
CP2AD_HUMAN	1	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	2PG5	2HX2	0.99	Sc=6.79512, min distance = 2.165484
CP2AD_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	2PG5	1J3F		Sc=6.36861, min distance = 2.021663
CP2AD_HUMAN	1	5326592	C	HMOX1_RAT	Ful	444124	HE	1J02	2PG5	1J2C	0.84	Sc=6.73038, min distance = 2.500734
CP2C8_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1PQ2	1TWN		Sc=6.65305, min distance = 2.036096
CP2C8_HUMAN	1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1PQ2	1TWR		Sc=6.67546, min distance = 1.627422
CP2C8_HUMAN	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1PQ2	2CMM		Sc=6.29556, min distance = 2.081750
CP2C8_HUMAN	1	14253	Cet	FABP4_MOUSE	Fu	985	palmi	1LIE	1PQ2	1LIC		Sc=5.67935, min distance = 2.093497
CP2C8_HUMAN	1	4369228	C	PER_COPCI	Ful	444124	HE	1LY9	1PQ2	1LYC	0.95	Sc=6.80662, min distance = 1.967553
CP2C8_HUMAN	1	444207	He	PER_COPCI	Ful	444124	HE	1LY9	1PQ2	1LY8	0.99	Sc=6.80436, min distance = 1.686259
CP2C8_HUMAN	1	444522	HE	HBA_PAGBE	Ful	444124	HE	1S5X	1PQ2	1PBX	0.99	Sc=6.79214, min distance = 2.015649
CP2C8_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	1PQ2	1J3F		Sc=6.38415, min distance = 2.145497
CP2C8_HUMAN	1	447878	J8	POLG_POL1M	Fu	985	palmi	1HXS	1PQ2	1PO1		Sc=6.28557, min distance = 1.572670
CP2C9_HUMAN	1	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1BEQ	0.81	Sc=6.79908, min distance = 2.116653
CP2C9_HUMAN	1	11957353		HBA_HORSE	Ful	444124	HE	1Y8I	1OG2	1IWH	0.87	Sc=6.81934, min distance = 1.944997
CP2C9_HUMAN	1	11957353		HBB_HORSE	Ful	444124	HE	1Y8I	1OG2	1IWH	0.87	Sc=6.81263, min distance = 1.258400
CP2C9_HUMAN	1	11957355		CYB_BOVIN	Ful	444522	HE	1BGY	1R90	1L0L	0.81	Sc=6.80099, min distance = 1.999657
CP2C9_HUMAN	1	11957360		CYB_BOVIN	Ful	444522	HE	1BGY	1R90	1NTM	0.78	Sc=6.79626, min distance = 1.022523
CP2C9_HUMAN	1	11957363		HBA_HUMAN	Ful	444522	HE	2DN1	1R90	1RQA	0.81	Sc=6.80662, min distance = 2.088492
CP2C9_HUMAN	1	11957363		HBB_HUMAN	Ful	444124	HE	1NQP	1OG2	1RQA	0.81	Sc=6.81196, min distance = 1.881849
CP2C9_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1OG2	1TWN		Sc=6.6616, min distance = 2.189923
CP2C9_HUMAN	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1OG2	2CMM		Sc=6.2999, min distance = 2.419235

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CP2C9_HUMAN	1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1R90	2CMM		Sc=6.31222, min distance = 2.09427	
CP2C9_HUMAN	1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1BEM	0.83	Sc=6.79973, min distance = 2.35828	
CP2C9_HUMAN	1	11970219	CCPR_YEAST	Fu	444522	HE	3E2O	1R90	1BEM	0.87	Sc=6.79973, min distance = 2.27765	
CP2C9_HUMAN	1	11970220	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1BEP	0.8	Sc=6.80658, min distance = 2.42869	
CP2C9_HUMAN	1	11970221	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1BES	0.83	Sc=6.76289, min distance = 2.45855	
CP2C9_HUMAN	1	11970221	CCPR_YEAST	Fu	444522	HE	3E2O	1R90	1BES	0.87	Sc=6.76289, min distance = 2.29256	
CP2C9_HUMAN	1	11970222	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1BJ9	0.77	Sc=6.84196, min distance = 2.16628	
CP2C9_HUMAN	1	11970222	CCPR_YEAST	Fu	444522	HE	3E2O	1R90	1BJ9	0.81	Sc=6.84508, min distance = 2.37141	
CP2C9_HUMAN	1	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1CPE	0.83	Sc=6.79877, min distance = 2.27175	
CP2C9_HUMAN	1	11970242	CCPR_YEAST	Fu	444522	HE	3E2O	1R90	1CPE	0.87	Sc=6.80041, min distance = 2.38856	
CP2C9_HUMAN	1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1Z53	0.77	Sc=6.7959, min distance = 2.49794	
CP2C9_HUMAN	1	126994	CCPR_YEAST	Fu	444522	HE	3E2O	1R90	1Z53	0.81	Sc=6.79973, min distance = 2.22314	
CP2C9_HUMAN	1	23722944	TTHY_HUMAN	Fu	72099	flu	1DVT	1R90	2QGE		Sc=5.74734, min distance = 2.07943	
CP2C9_HUMAN	1	25011739	TTHY_HUMAN	Fu	72099	flu	1DVT	1R90	3CN0		Sc=5.74851, min distance = 1.98575	
CP2C9_HUMAN	1	4369228	PER_COPCI	Ful	444124	HE	1LY9	1OG2	1LYC	0.95	Sc=6.80662, min distance = 2.33514	
CP2C9_HUMAN	1	4369228	PER_COPCI	Ful	444522	HE	1H3J	1R90	1LYC	0.96	Sc=6.80825, min distance = 2.14603	
CP2C9_HUMAN	1	444207	He	PER_COPCI	Ful	444124	HE	1LY9	1OG2	1LY8	0.99	Sc=6.80662, min distance = 2.31884
CP2C9_HUMAN	1	444207	He	PER_COPCI	Ful	444522	HE	1H3J	1R90	1LY8	1	Sc=6.80625, min distance = 2.37307
CP2C9_HUMAN	1	445049	pr	PGH2_MOUSE	Fu	72099	flu	3PGH	1R90	1DDX		Sc=6.17186, min distance = 2.47556
CP2C9_HUMAN	1	446332	CI	MYG_PHYCA	Ful	444124	HE	1U7R	1OG2	1IOP	0.8	Sc=6.69996, min distance = 2.35389
CP2C9_HUMAN	1	446406	CZ	MYG_PHYCA	Ful	444124	HE	1U7R	1OG2	1J3F		Sc=6.39285, min distance = 2.13823
CP2C9_HUMAN	1	446409	HN	HBA_HUMAN	Ful	444522	HE	2DN1	1R90	1J40	0.98	Sc=6.81438, min distance = 1.71690
CP2C9_HUMAN	1	447168	ZF	CCPR_YEAST	Fu	444098	HE	2EUT	1OG5	1ML2	0.82	Sc=6.82933, min distance = 2.11334
CP2C9_HUMAN	1	447168	ZF	CCPR_YEAST	Fu	444522	HE	3E2O	1R90	1ML2	0.86	Sc=6.82758, min distance = 2.22323
CP2C9_HUMAN	1	5326592	C	HMOX1_RAT	Ful	444098	HE	1DVG	1OG5	1J2C	0.79	Sc=6.73916, min distance = 1.96583
CP2C9_HUMAN	1	5326592	C	HMOX1_RAT	Ful	444124	HE	1J02	1OG2	1J2C	0.84	Sc=6.74866, min distance = 2.28368
CP2C9_HUMAN	1	5327160	2	TTHY_HUMAN	Fu	72099	flu	1DVT	1R90	2F8I		Sc=6.04704, min distance = 2.00705
CP2D6_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2F9Q	1TWN		Sc=6.66617, min distance = 2.26572
CP2D6_HUMAN	1	11957373		CATE_ECOLI	Fu	444124	HE	1IPH	2F9Q	1P81	0.79	Sc=6.81905, min distance = 2.00101
CP2D6_HUMAN	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	2F9Q	2CMM		Sc=6.30818, min distance = 2.32063
CP2D6_HUMAN	1	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	2F9Q	2CI0	0.95	Sc=6.68528, min distance = 2.12523
CP2D6_HUMAN	1	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	2F9Q	1UE8	0.99	Sc=6.81505, min distance = 2.37027
CP2D6_HUMAN	1	444207	He	PRXC_CALFU	Fu	444124	HE	2CPO	2F9Q	1CPO	0.99	Sc=6.81196, min distance = 1.89719
CP2D6_HUMAN	1	444522	HE	CP2C9_HUMAN	Fu	444124	HE	1OG2	2F9Q	1R90	0.99	Sc=6.80697, min distance = 2.48437
CP2D6_HUMAN	1	444522	HE	GLB1_GLYDI	Fu	444124	HE	1JF3	2F9Q	1HBG	0.99	Sc=6.805, min distance = 2.3171978
CP2D6_HUMAN	1	444522	HE	HBA_HORSE	Ful	444124	HE	1Y8I	2F9Q	1Y8K	0.99	Sc=6.81741, min distance = 2.12031
CP2D6_HUMAN	1	444522	HE	HBA_HUMAN	Ful	444124	HE	1NQP	2F9Q	2DN1	0.99	Sc=6.81963, min distance = 2.00276

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CP2D6_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	2F9Q	1J3F		Sc=6.3804, min distance = 2.290092
CP2R1_HUMAN	1	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1BEQ	0.81	Sc=6.79877, min distance = 2.343245
CP2R1_HUMAN	1	11957353		HBA_HORSE	Ful	444098	HE	2D5X	3CZH	1IWH	0.83	Sc=6.81934, min distance = 2.163514
CP2R1_HUMAN	1	11957353		HBB_HORSE	Ful	444098	HE	2D5X	3CZH	1IWH	0.83	Sc=6.80971, min distance = 2.420578
CP2R1_HUMAN	1	11957360		CY1_BOVIN	Ful	444098	HE	1L0N	3CZH	1NTM		Sc=6.82275, min distance = 2.146845
CP2R1_HUMAN	1	11957363		HBB_HUMAN	Ful	444098	HE	1J40	3CZH	1RQA	0.77	Sc=6.81233, min distance = 2.131292
CP2R1_HUMAN	1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	3CZH	2CMM		Sc=6.30925, min distance = 2.423475
CP2R1_HUMAN	1	11970219		CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1BEM	0.83	Sc=6.79842, min distance = 2.228812
CP2R1_HUMAN	1	11970220		CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1BEP	0.8	Sc=6.80185, min distance = 2.492447
CP2R1_HUMAN	1	11970221		CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1BES	0.83	Sc=6.76626, min distance = 2.343052
CP2R1_HUMAN	1	11970222		CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1BJ9	0.77	Sc=6.84574, min distance = 2.250851
CP2R1_HUMAN	1	11970242		CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1CPE	0.83	Sc=6.80186, min distance = 2.309492
CP2R1_HUMAN	1	126994	CI	CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1Z53	0.77	Sc=6.80562, min distance = 2.200201
CP2R1_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444098	HE	1A6M	3CZH	1J3F		Sc=6.39685, min distance = 2.155865
CP2R1_HUMAN	1	447168	ZF	CCPR_YEAST	Fu	444098	HE	2EUT	3CZH	1ML2	0.82	Sc=6.83036, min distance = 2.038014
CP2R1_HUMAN	1	5326592	C	HMOX1_RAT	Ful	444098	HE	1DVG	3CZH	1J2C	0.79	Sc=6.74364, min distance = 2.002476
CP3A4_HUMAN	1	11957353		HBB_HORSE	Ful	444124	HE	1Y8I	1TQN	1IWH	0.87	Sc=6.79727, min distance = 2.330891
CP3A4_HUMAN	1	11957360		CY1_BOVIN	Ful	444098	HE	1L0N	1W0F	1NTM		Sc=6.79473, min distance = 2.242516
CP3A4_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1TQN	1TWN		Sc=6.64428, min distance = 2.159728
CP3A4_HUMAN	1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1TQN	1TWR		Sc=6.67642, min distance = 2.025567
CP3A4_HUMAN	1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1W0F	2CMM		Sc=6.27899, min distance = 2.223861
CP3A4_HUMAN	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1TQN	2CMM		Sc=6.27347, min distance = 2.392201
CP3A4_HUMAN	1	16741183		CPXA_PSEPU	Fu	444098	HE	1YRC	1W0F	2ZAW	0.97	Sc=6.63511, min distance = 2.110242
CP3A4_HUMAN	1	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	1TQN	2HX2	0.99	Sc=6.79113, min distance = 2.113256
CP3A4_HUMAN	1	446332	CI	MYG_PHYCA	Ful	444124	HE	1U7R	1TQN	1IOP	0.8	Sc=6.66589, min distance = 2.226168
CP3A4_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444098	HE	1A6M	1W0F	1J3F		Sc=6.35923, min distance = 2.108467
CP3A4_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	1TQN	1J3F		Sc=6.37409, min distance = 2.273395
CP3A4_HUMAN	1	5326592	C	HMOX1_RAT	Ful	444124	HE	1J02	1TQN	1J2C	0.84	Sc=6.74038, min distance = 2.026331
CP46A_HUMAN	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2Q9F	1TWN		Sc=6.65018, min distance = 2.125595
CP46A_HUMAN	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	2Q9F	2CMM		Sc=6.18658, min distance = 2.470358
CP46A_HUMAN	1	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	2Q9F	2CI0	0.95	Sc=6.66871, min distance = 2.373540
CP46A_HUMAN	1	444095	HE	RCEL_RHOVI	Fu	444124	HE	3D38	2Q9F	1DXR	0.91	Sc=6.79695, min distance = 2.148195
CP46A_HUMAN	1	444207	HE	CP119_SULTO	Fu	444124	HE	3B4X	2Q9F	1UE8	0.99	Sc=6.78719, min distance = 2.560358
CP46A_HUMAN	1	444522	HE	CP2C9_HUMAN	Fu	444124	HE	10G2	2Q9F	1R90	0.99	Sc=6.75557, min distance = 2.125070
CP46A_HUMAN	1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	2Q9F	1J3F		Sc=6.38334, min distance = 2.186510
CP51_MYCTU	Fu	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	2CIB	2CMM		Sc=6.12855, min distance = 2.676615
CP51_MYCTU	Fu	444095	HE	RCEL_RHOVI	Fu	444124	HE	3D38	2CIB	1DXR	0.91	Sc=6.73812, min distance = 2.517395

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CP51_MYCTU	F1	444125	HE	RCEL_RHOVI	Fu	444124	HE	3D38	2CIB	2I5N	0.91	Sc=6.37397, min distance = 2.324500
CP51_MYCTU	F1	444207	HE	CP119_SULTO	Fu	444124	HE	3B4X	2CIB	1UE8	0.99	Sc=6.4335, min distance = 2.732493
CP51_MYCTU	F1	444207	HE	HBA_HORSE	Fu	444124	HE	1Y8I	2CIB	2ZLW	0.99	Sc=6.43255, min distance = 2.139464
CP51_MYCTU	F1	444207	HE	PRXC_CALFU	Fu	444124	HE	2CPO	2CIB	1CPO	0.99	Sc=6.43029, min distance = 2.276488
CP51_MYCTU	F1	5326592	C	HMOX1_RAT	Fu	444124	HE	1J02	2CIB	1J2C	0.84	Sc=6.32976, min distance = 2.324900
CP51_MYCTU	F1	6420167	M	CPXA_PSEPU	Fu	444124	HE	1RE9	2CIB	2FE6	0.89	Sc=6.41044, min distance = 2.204312
CP74A_ARATH	I	11957363		HBB_HUMAN	Fu	444098	HE	1J40	3DSK	1RQA	0.77	Sc=6.78484, min distance = 1.076798
CP74A_ARATH	I	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	3DSK	2CMM		Sc=6.29237, min distance = 2.338693
CP74A_ARATH	I	4369122	C	GLB1_LUCPE	Fu	444098	HE	1FLP	3DSK	1B0B	0.96	Sc=6.7807, min distance = 2.033228
CP74A_ARATH	I	446406	CZ	MYG_PHYCA	Fu	444098	HE	1A6M	3DSK	1J3F		Sc=6.35834, min distance = 2.281532
CP7A1_HUMAN	I	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	3DAX	2CMM		Sc=6.30602, min distance = 2.289912
CP7A1_HUMAN	I	11970220		CCPR_YEAST	Fu	444098	HE	2EUT	3DAX	1BEP	0.8	Sc=6.30441, min distance = 2.703580
CP7A1_HUMAN	I	447168	ZF	CCPR_YEAST	Fu	444098	HE	2EUT	3DAX	1ML2	0.82	Sc=6.3276, min distance = 2.287834
CPKA_PYRFU	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E19	1PXI		Sc=5.80053, min distance = 2.216742
CPKA_PYRFU	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1E19	1QYE	0.89	Sc=6.19888, min distance = 1.915288
CPXA_PSEPU	F1	11957360		CY1_BOVIN	Fu	444098	HE	1L0N	1YRC	1NTM		Sc=6.79727, min distance = 2.380954
CPXA_PSEPU	F1	11957361		CY1_BOVIN	Fu	444098	HE	1L0N	1YRC	1NTZ	0.8	Sc=6.79473, min distance = 2.293255
CPXA_PSEPU	F1	11957363		HBA_HUMAN	Fu	444124	HE	1NQP	1RE9	1RQA	0.81	Sc=6.79512, min distance = 2.170407
CPXA_PSEPU	F1	11957363		HBA_HUMAN	Fu	444522	HE	2DN1	1QMQ	1RQA	0.81	Sc=6.809, min distance = 2.2989949
CPXA_PSEPU	F1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1RE9	1TWN		Sc=6.64024, min distance = 1.907488
CPXA_PSEPU	F1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1RE9	1TWR		Sc=6.66899, min distance = 1.869028
CPXA_PSEPU	F1	11957385		MYG_PHYCA	Fu	16741185		2EKU	2Z97	2CMM		Sc=6.30925, min distance = 2.214195
CPXA_PSEPU	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1YRC	2CMM		Sc=6.27226, min distance = 2.528725
CPXA_PSEPU	F1	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1RE9	2CMM		Sc=6.17857, min distance = 2.624853
CPXA_PSEPU	F1	11957385		MYG_PHYCA	Fu	444207	He	1VXG	1PHC	2CMM		Sc=6.2639, min distance = 2.342600
CPXA_PSEPU	F1	11957385		MYG_PHYCA	Fu	444522	HE	1VXD	1QMQ	2CMM		Sc=6.30305, min distance = 2.129023
CPXA_PSEPU	F1	444125	HE	RCEL_RHOVI	Fu	444124	HE	3D38	1RE9	2I5N	0.91	Sc=6.78243, min distance = 2.284138
CPXA_PSEPU	F1	446406	CZ	MYG_PHYCA	Fu	444124	HE	1U7R	1RE9	1J3F		Sc=6.36452, min distance = 2.381143
CPXB_BACME	F1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1Z04	1TWN		Sc=6.66485, min distance = 2.106463
CPXB_BACME	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2IJ2	2CMM		Sc=6.32423, min distance = 2.282269
CPXB_BACME	F1	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1Z04	2CMM		Sc=6.33071, min distance = 2.441049
CPXB_BACME	F1	14253	Cet	FABP4_MOUSE	Fu	985	palmi	1LIE	1FAG	1LIC		Sc=5.66377, min distance = 1.846419
CPXB_BACME	F1	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	1BVY	1JRB		Sc=6.24459, min distance = 1.989133
CPXB_BACME	F1	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1FAG	1BSO	0.83	Sc=5.81392, min distance = 1.792818
CPXB_BACME	F1	444207	HE	CP119_SULTO	Fu	444124	HE	3B4X	1Z04	1UE8	0.99	Sc=6.80259, min distance = 2.553329
CPXB_BACME	F1	444522	HE	BFR_ECOLI	Fu	444124	HE	1BFR	1Z04	1BCF	0.99	Sc=6.81505, min distance = 1.839143
CPXB_BACME	F1	446406	CZ	MYG_PHYCA	Fu	444098	HE	1A6M	2IJ2	1J3F		Sc=6.39759, min distance = 2.107283

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CPXB_BACME	F1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	1Z04	1J3F			Sc=6.39617, min distance = 2.170509
CPXB_BACME	F1	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1BVY	5FX2	0.77		Sc=6.23278, min distance = 2.081851
CPXE_STRGO	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	2ZBX	2CMM			Sc=6.31703, min distance = 2.155004
CPXE_STRGO	F1	5326592	C	HMOX1_RAT	Ful	444098	HE	1DVG	2ZBX	1J2C	0.79		Sc=6.75011, min distance = 2.255076
CPXJ_SACEN	F1	11957360		CY1_BOVIN	Ful	444098	HE	1L0N	1Z80	1NTM			Sc=6.74927, min distance = 2.102031
CPXJ_SACEN	F1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1JIP	1TWN			Sc=6.60414, min distance = 1.872366
CPXJ_SACEN	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1Z80	2CMM			Sc=6.16592, min distance = 2.338858
CPXJ_SACEN	F1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1JIP	2CMM			Sc=6.21728, min distance = 2.225376
CPXJ_SACEN	F1	444095	HE	RCEL_RHOVI	Fu	444124	HE	3D38	1JIP	1DXR	0.91		Sc=6.73183, min distance = 2.045014
CPXJ_SACEN	F1	444095	HE	RCEM_RHOVI	Fu	444124	HE	3D38	1JIP	1DXR	0.91		Sc=6.72444, min distance = 2.237081
CPXJ_SACEN	F1	444125	HE	RCEL_RHOVI	Fu	444124	HE	3D38	1JIP	2I5N	0.91		Sc=6.74499, min distance = 2.336609
CPXJ_SACEN	F1	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	1JIP	2HX2	0.99		Sc=6.6715, min distance = 2.2940176
CPXJ_SACEN	F1	5326592	C	HMOX1_RAT	Ful	444098	HE	1DVG	1Z80	1J2C	0.79		Sc=6.6858, min distance = 2.2608029
CPXJ_SACEN	F1	5326592	C	HMOX1_RAT	Ful	444124	HE	1J02	1JIP	1J2C	0.84		Sc=6.66795, min distance = 2.131256
CPXJ_SACEN	F1	6420167	M	CPXA_PSEPU	Fu	444098	HE	1YRC	1Z80	2FE6	0.86		Sc=6.75861, min distance = 2.008496
CPXL_PSESP	F1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1CPT	1TWN			Sc=6.66898, min distance = 1.763998
CPXL_PSESP	F1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1CPT	1TWR			Sc=6.69199, min distance = 1.765752
CPXL_PSESP	F1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1CPT	2CMM			Sc=6.31993, min distance = 2.013161
CPXL_PSESP	F1	13472	Bo1	CPXJ_SACEN	Fu	444124	HE	1JIP	1CPT	1EUP			Sc=6.08308, min distance = 1.338859
CPXL_PSESP	F1	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	1CPT	1UE8	0.99		Sc=6.81395, min distance = 2.116611
CPXL_PSESP	F1	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	1CPT	2HX2	0.99		Sc=6.81575, min distance = 2.218541
CRCA_ECOLI	F1	11987742		LHA4_RHOAC	Fu	444279	1s	2FKW	1THQ	1NKZ			Sc=6.30243, min distance = 1.157726
CRCA_ECOLI	F1	5326780	C	AOFB_HUMAN	Fu	444279	1s	1OJD	1THQ	1S2Y			Sc=5.6574, min distance = 1.9017786
CRCA_ECOLI	F1	66182	1,4	AOFB_HUMAN	Fu	444279	1s	1OJD	1THQ	1OJ9			Sc=5.63551, min distance = 2.734359
CRP_ECOLI	Fu	24316	cyc	KAP0_BOVIN	Fu	6076	Cycl	1RGS	1HW5	1RL3	26.32	0.81	Sc=6.36711, min distance = 2.580607
CRP_ECOLI	Fu	656964	1y	PDE4D_HUMAN	Fu	6076	Cycl	2PW3	1HW5	1Y2C			Sc=5.94217, min distance = 2.299558
CRP_ECOLI	Fu	656966	1y	PDE4D_HUMAN	Fu	6076	Cycl	2PW3	1HW5	1Y2E			Sc=6.08061, min distance = 1.194631
CRP_ECOLI	Fu	6858240	C	KAP0_BOVIN	Fu	6076	Cycl	1RGS	1HW5	1NE6	26.32	0.98	Sc=6.26983, min distance = 2.491572
CRTM_STAAU	F1	4395717	k	GGPPS_YEAST	F1	16122552	2E8T	2ZCP	2ZCP	2Z52			Sc=6.30813, min distance = 1.946979
CRTM_STAAU	F1	448400	IS	GGPPS_YEAST	F1	16122552	2E8T	2ZCP	2ZCP	2E8U			Sc=5.80334, min distance = 1.062080
CRTM_STAAU	F1	448987	FE	GGPPS_YEAST	F1	16122552	2E8T	2ZCP	2ZCP	###			Sc=6.30452, min distance = 2.166301
CRTM_STAAU	F1	5276507	k	GGPPS_YEAST	F1	16122552	2E8T	2ZCP	2ZCP	2Z4X			Sc=6.14999, min distance = 1.978326
CRTM_STAAU	F1	5276520	k	GGPPS_YEAST	F1	16122552	2E8T	2ZCP	2ZCP	2Z50			Sc=5.99765, min distance = 2.102220
CRTM_STAAU	F1	6102720	C	GGPPS_YEAST	F1	16122552	2E8T	2ZCP	2ZCP	2E8X			Sc=6.13893, min distance = 1.845869
CRY1_ARATH	F1	1400	nche	HCK_HUMAN	Ful	33113	gar	1AD5	1U3D	1QCF			Sc=6.19336, min distance = 2.664786
CRY1_ARATH	F1	16040273		IRAK4_HUMAN	F1	33113	gar	2OID	1U3D	2OIC			Sc=6.29987, min distance = 1.705616
CRY1_ARATH	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1U3D	2OXD			Sc=5.61217, min distance = 3.054631

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CRY1_ARATH	F1	24779674	CSK2A_MAIZE	F1	33113	gar	1LP4	1U3D	2PVH		Sc=6.24576, min distance = 2.096587	
CRY1_ARATH	F1	24963048	AKT2_HUMAN	Fu	33113	gar	1O6L	1U3D	3E87		Sc=6.35198, min distance = 2.496025	
CRY1_ARATH	F1	3547	Fas	ROCK1_HUMAN	F1	33113	gar	2V55	1U3D	2ESM	Sc=5.89401, min distance = 2.172776	
CRY1_ARATH	F1	444502	CI	PHR_SYNTP6	Fu	444188	CI	1TEZ	1U3D	1OWM	0.98	Sc=6.42638, min distance = 2.345111
CRY1_ARATH	F1	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	1U3D	1W9I	0.91	Sc=5.81014, min distance = 2.717095
CRY1_ARATH	F1	444564	AD	PDK2_RAT	Full	33113	gar	3CRL	1U3D	1JM6	0.91	Sc=6.2817, min distance = 2.5260548
CRY1_ARATH	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1U3D	2ERZ		Sc=6.11282, min distance = 2.228792
CRY1_ARATH	F1	6083	ader	PIM1_HUMAN	Fu	33113	gar	1XR1	1U3D	1YXU	0.97	Sc=6.22859, min distance = 2.479992
CRY1_ARATH	F1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	1U3D	1YI4	0.93	Sc=6.2074, min distance = 2.1013195
CRY1_ARATH	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1U3D	1Q97	0.93	Sc=6.21059, min distance = 2.012522
CRY1_ARATH	F1	65103	dGT	RIR1_YEAST	Fu	33113	gar	2EUD	1U3D	2CVX	0.78	Sc=5.86949, min distance = 2.212871
CRY1_ARATH	F1	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	1U3D	1KJI	0.99	Sc=5.94069, min distance = 2.264381
CRYD_ARATH	F1	444502	CI	PHR_SYNTP6	Fu	444188	CI	1TEZ	2J4D	1OWM	0.98	Sc=6.15297, min distance = 2.385856
CSK21_HUMAN	I	1400	nche	HCK_HUMAN	Fu	33113	gar	1AD5	2PVR	1QCF	21.67	Sc=6.08873, min distance = 2.081547
CSK21_HUMAN	I	16750062		CSK2A_MAIZE	F1	445479	CI	1F0Q	3BQC	2OXD	77.57	Sc=5.60323, min distance = 2.401335
CSK21_HUMAN	I	23656870		CSK2A_MAIZE	F1	33113	gar	1LP4	2PVR	2PVN	77.57	Sc=6.42814, min distance = 2.107560
CSK21_HUMAN	I	24756824		CSK2A_MAIZE	F1	33113	gar	1LP4	2PVR	3BE9	77.57	Sc=6.3487, min distance = 2.3371591
CSK21_HUMAN	I	24779678		CSK2A_MAIZE	F1	33113	gar	1LP4	2PVR	2PVM	77.57	Sc=6.34623, min distance = 2.393086
CSK21_HUMAN	I	444345	1c	GSK3B_HUMAN	F1	33113	gar	1J1B	2PVR	1Q3D	35.32	Sc=6.25463, min distance = 2.138121
CSK21_HUMAN	I	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2PVR	1Q41	35.32	Sc=6.12131, min distance = 2.821414
CSK21_HUMAN	I	5326976	1	CSK2A_MAIZE	F1	445479	CI	1F0Q	3BQC	1ZOE	77.57	Sc=5.60104, min distance = 2.314520
CSK21_HUMAN	I	5327121	1	PIM1_HUMAN	Fu	33113	gar	1XR1	2PVR	2C3I	31.73	Sc=6.02719, min distance = 2.268361
CSK21_HUMAN	I	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2PVR	2ERZ		Sc=5.83903, min distance = 2.444761
CSK21_HUMAN	I	5795340	M	CSK2A_MAIZE	F1	445479	CI	1F0Q	3BQC	2QC6	77.57	Sc=5.72494, min distance = 2.591901
CSK2A_MAIZE	I	16758212		GSK3B_HUMAN	F1	33113	gar	1J1B	1LP4	2O5K	36.84	Sc=6.40334, min distance = 1.691798
CSK2A_MAIZE	I	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1LP4	1G4A	0.97	Sc=6.3486, min distance = 1.7841852
CSK2A_MAIZE	I	24871491		INSR_HUMAN	Fu	33113	gar	1IR3	1LP4	2Z8C		Sc=6.40559, min distance = 2.586971
CSK2A_MAIZE	I	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1LP4	2ETK	27.91	Sc=6.08885, min distance = 2.047400
CSK2A_MAIZE	I	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1LP4	2ESM	27.91	Sc=5.92108, min distance = 2.559011
CSK2A_MAIZE	I	444345	1c	GSK3B_HUMAN	F1	33113	gar	1J1B	1LP4	1Q3D	36.84	Sc=6.3897, min distance = 1.6408519
CSK2A_MAIZE	I	445432	CI	SYQ_ECOLI	Fu	83862	ade	1O0C	1DS5	1QTQ	0.84	Sc=6.49685, min distance = 1.623194
CSK2A_MAIZE	I	447956	1g	CDK2_HUMAN	Fu	1694	TBBt	1P5E	1J91	2C5O	33.2	Sc=5.8354, min distance = 1.8013367
CSK2A_MAIZE	I	448005	CI	GSK3B_HUMAN	F1	33113	gar	1J1B	1LP4	1Q3W	36.84	Sc=6.26713, min distance = 2.322095
CSK2A_MAIZE	I	5281680	C	PIM1_HUMAN	Fu	33113	gar	1XR1	1LP4	2O64	29.2	Sc=6.43045, min distance = 2.111214
CSK2A_MAIZE	I	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	1LP4	1UV5	36.84	Sc=6.32019, min distance = 2.568408
CSK2A_MAIZE	I	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	1LP4	1Q41	36.84	Sc=6.29151, min distance = 2.349402
CSK2A_MAIZE	I	6022	Ader	Q04230_ECOLX	I	36735	Gpp	1GL6	1DAY	1GKI	0.79	Sc=6.41448, min distance = 1.652924

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CSK2A_MAIZE	1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	1LP4	1YI4	29.2	0.93	Sc=6.175, min distance = 2.19546576
CSK2A_MAIZE	1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1LP4	1Q97	27.91	0.93	Sc=6.15526, min distance = 1.702746
CSK2A_MAIZE	1	611002	Op	PIM1_HUMAN	Fu	33113	gar	1XR1	1LP4	1YXX	29.2		Sc=6.05908, min distance = 2.420122
CSK2A_MAIZE	1	6918710	5	CDK2_HUMAN	Fu	1694	TBBt	1P5E	1J91	3EJ1	33.2		Sc=6.14555, min distance = 2.249483
CSK2A_MAIZE	1	87031	ZIN	CDK2_HUMAN	Fu	1694	TBBt	1P5E	1J91	2VTH	33.2		Sc=5.63197, min distance = 1.963574
CSK2A_MAIZE	1	91532	AMF	PURT_ECOLI	Fu	33113	gar	1EYZ	1LP4	1KJI		0.99	Sc=6.01318, min distance = 2.635305
CSK2A_MAIZE	1	9547921	G	SYQ_ECOLI	Fu	83862	ade	100C	1DS5	2RE8		0.82	Sc=6.49998, min distance = 1.386766
CSK2A_MAIZE	1	9817550	V	CDK2_HUMAN	Fu	1694	TBBt	1P5E	1J91	3BHV	33.2		Sc=6.37682, min distance = 2.368157
CSKP_HUMAN	F	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	3C0H	3CY3			Sc=6.36703, min distance = 1.951460
CSKP_HUMAN	F	16040294		SRC_CHICK	Fu	6083	aden	3DQX	3C0H	3F6X			Sc=6.4189, min distance = 2.5381740
CSKP_HUMAN	F	24851689		PIM1_HUMAN	Fu	6083	aden	1YXU	3C0H	3CY2			Sc=6.13386, min distance = 1.654170
CSKP_HUMAN	F	24905143		SRC_CHICK	Fu	6083	aden	3DQX	3C0H	3EN7			Sc=6.09374, min distance = 1.943000
CSKP_HUMAN	F	3973	nche	PIM1_HUMAN	Fu	6083	aden	1YXU	3C0H	1YI3			Sc=5.89372, min distance = 1.605488
CSKP_HUMAN	F	440317	AT	SRC_CHICK	Fu	6083	aden	3DQX	3C0H	3DQW		0.97	Sc=5.86365, min distance = 2.192549
CSKP_HUMAN	F	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	3C0H	1PG4		0.99	Sc=6.3044, min distance = 2.5770940
CSKP_HUMAN	F	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	3C0H	1UKY		0.99	Sc=5.81077, min distance = 2.515759
CSKP_HUMAN	F	5327121	I	PIM1_HUMAN	Fu	6083	aden	1YXU	3C0H	2C3I			Sc=6.06255, min distance = 2.289699
CSKP_HUMAN	F	6022	Ader	PURP_METJA	Fu	6083	aden	2R7M	3C0H	2R7N		0.99	Sc=6.26604, min distance = 2.498929
CSKP_HUMAN	F	6419789	G	HASP_HUMAN	Fu	6083	aden	3DLZ	3C0H	3E7V			Sc=5.99053, min distance = 2.945257
CSKP_HUMAN	F	656964	1y	PDE4D_HUMAN	F	6083	aden	1TB7	3C0H	1Y2C			Sc=5.72713, min distance = 2.443888
CSKP_HUMAN	F	656966	1y	PDE4D_HUMAN	F	6083	aden	1TB7	3C0H	1Y2E			Sc=5.91095, min distance = 2.268706
CSKP_HUMAN	F	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	3C0H	2QN7		0.79	Sc=6.18128, min distance = 2.737039
CSKP_HUMAN	F	91532	AMF	PURP_METJA	Fu	6083	aden	2R7M	3C0H	2R7K		0.97	Sc=5.61273, min distance = 2.708326
CSK_HUMAN	Fu	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	1BYG	3DDP			Sc=6.35867, min distance = 2.420887
CSK_HUMAN	Fu	10389239		MAPK2_HUMAN	F	444345	1c	2PZY	1BYG	2JBP			Sc=6.23362, min distance = 2.190539
CSK_HUMAN	Fu	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	1BYG	2E9U			Sc=6.19086, min distance = 2.736867
CSK_HUMAN	Fu	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	1BYG	2OF2			Sc=6.13335, min distance = 2.146776
CSK_HUMAN	Fu	11992146		MAPK2_HUMAN	F	444345	1c	2PZY	1BYG	2P3G			Sc=6.14868, min distance = 2.142227
CSK_HUMAN	Fu	153999	Ru	PDPK1_HUMAN	F	444345	1c	1OKY	1BYG	1UU3		0.77	Sc=6.29828, min distance = 2.310082
CSK_HUMAN	Fu	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1BYG	1H1Q			Sc=6.21045, min distance = 2.661379
CSK_HUMAN	Fu	15602982		KAPCA_BOVIN	F	444345	1c	1STC	1BYG	2UW6			Sc=6.01906, min distance = 2.529867
CSK_HUMAN	Fu	15991572		LCK_HUMAN	Fu	444345	1c	1QPD	1BYG	2OF4			Sc=6.22411, min distance = 2.557618
CSK_HUMAN	Fu	160355	rc	CDK2_HUMAN	Fu	444345	1c	1AQ1	1BYG	3DDQ			Sc=6.11985, min distance = 2.513569
CSK_HUMAN	Fu	16122608		PDPK1_HUMAN	F	444345	1c	1OKY	1BYG	2PE1			Sc=6.22587, min distance = 2.740599
CSK_HUMAN	Fu	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	1BYG	2YWP			Sc=6.22653, min distance = 2.625712
CSK_HUMAN	Fu	16214825		CDK2_HUMAN	Fu	444345	1c	1AQ1	1BYG	2UZE			Sc=6.14419, min distance = 2.305101
CSK_HUMAN	Fu	16758227		CHK1_HUMAN	Fu	444345	1c	1NVR	1BYG	2R0U			Sc=6.51196, min distance = 2.508131

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CSK_HUMAN	Fu: 1707	1fv	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1FVT	Sc=6.02751, min distance = 2.322996
CSK_HUMAN	Fu: 1907917	2	CHK1_HUMAN	Fu: 444345	1c	1NVR	1BYG	2CGW	Sc=6.03709, min distance = 2.964819
CSK_HUMAN	Fu: 23653515		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2R3F	Sc=5.88629, min distance = 2.651896
CSK_HUMAN	Fu: 23653516		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2R3G	Sc=6.16893, min distance = 2.634925
CSK_HUMAN	Fu: 23653518		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2R3J	Sc=6.07163, min distance = 2.587830
CSK_HUMAN	Fu: 23653521		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2R3M	Sc=6.23784, min distance = 2.539049
CSK_HUMAN	Fu: 23657800		CHK1_HUMAN	Fu: 444345	1c	1NVR	1BYG	2E9P	Sc=6.24325, min distance = 2.589530
CSK_HUMAN	Fu: 24864081		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2VTS	Sc=6.21474, min distance = 2.258514
CSK_HUMAN	Fu: 24905144		PK3CG_HUMAN	Fu: 444345	1c	1E8Z	1BYG	3ENE	Sc=5.99337, min distance = 2.788445
CSK_HUMAN	Fu: 24916751		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	3DOG	Sc=6.11559, min distance = 2.431917
CSK_HUMAN	Fu: 24963038		LCK_HUMAN	Fu: 444345	1c	1QPD	1BYG	2ZM1	Sc=6.03409, min distance = 2.207810
CSK_HUMAN	Fu: 24963039		LCK_HUMAN	Fu: 444345	1c	1QPD	1BYG	2ZM4	Sc=6.22936, min distance = 2.203995
CSK_HUMAN	Fu: 25021197		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	3EOC	Sc=6.07265, min distance = 2.788317
CSK_HUMAN	Fu: 33113	gar	IRAK4_HUMAN	Fu: 444345	1c	2NRY	1BYG	2OID	Sc=5.78497, min distance = 1.854529
CSK_HUMAN	Fu: 33113	gar	PIM1_HUMAN	Fu: 444345	1c	1YHS	1BYG	1XR1	Sc=5.60912, min distance = 2.412597
CSK_HUMAN	Fu: 3543	1g5s	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1G5S	Sc=6.30314, min distance = 2.566939
CSK_HUMAN	Fu: 446704	LS	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1KE6	Sc=6.08465, min distance = 2.070534
CSK_HUMAN	Fu: 447649	1c	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1OI9	Sc=6.28409, min distance = 2.682916
CSK_HUMAN	Fu: 447654	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1OIT	Sc=5.98191, min distance = 2.811705
CSK_HUMAN	Fu: 447962	1p	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2C5N	Sc=6.0364, min distance = 3.1311932
CSK_HUMAN	Fu: 447967	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1PYE	Sc=6.24732, min distance = 3.017340
CSK_HUMAN	Fu: 448043	2g	KAPCA_BOVIN	Fu: 444345	1c	1STC	1BYG	1Q8U	Sc=5.94252, min distance = 2.520056
CSK_HUMAN	Fu: 448171	CI	LCK_HUMAN	Fu: 444345	1c	1QPD	1BYG	1QPE	Sc=6.07096, min distance = 2.787375
CSK_HUMAN	Fu: 448238	CI	GSK3B_HUMAN	Fu: 444345	1c	1Q3D	1BYG	1R0E	Sc=6.50349, min distance = 2.030945
CSK_HUMAN	Fu: 448293	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1R78	Sc=6.36355, min distance = 2.298882
CSK_HUMAN	Fu: 456214	pu	KS6A1_HUMAN	Fu: 444345	1c	2Z7R	1BYG	2Z7S	Sc=6.26308, min distance = 2.020477
CSK_HUMAN	Fu: 4565	1h1r	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1H1R	Sc=5.87321, min distance = 2.823842
CSK_HUMAN	Fu: 5288708	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1KE5	Sc=6.04661, min distance = 2.524854
CSK_HUMAN	Fu: 5288710	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1KE7	Sc=6.24846, min distance = 2.511326
CSK_HUMAN	Fu: 5288712	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1KE9	Sc=6.13713, min distance = 2.786354
CSK_HUMAN	Fu: 5327123	1	CHK1_HUMAN	Fu: 444345	1c	1NVR	1BYG	2C3L	Sc=6.12677, min distance = 2.471032
CSK_HUMAN	Fu: 5327134	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2C6L	Sc=6.19653, min distance = 2.070866
CSK_HUMAN	Fu: 5331010	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2BKZ	Sc=6.14826, min distance = 2.508409
CSK_HUMAN	Fu: 5494414	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2A0C	Sc=6.37042, min distance = 2.627468
CSK_HUMAN	Fu: 5957	Ader	PDPK1_HUMAN	Fu: 444345	1c	1OKY	1BYG	2BIY	Sc=6.41928, min distance = 2.217977
CSK_HUMAN	Fu: 6022	Ader	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1GY3	Sc=6.28577, min distance = 2.141135
CSK_HUMAN	Fu: 6022	Ader	GSK3B_HUMAN	Fu: 444345	1c	1Q3D	1BYG	1J1C	Sc=5.87734, min distance = 2.071394

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CSK_HUMAN	Fu: 6102670	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1YKR		Sc=6.17735, min distance = 2.743235
CSK_HUMAN	Fu: 6420139	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	2C5V		Sc=6.04325, min distance = 2.789835
CSK_HUMAN	Fu: 6539118	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1FVV		Sc=6.35923, min distance = 2.667615
CSK_HUMAN	Fu: 6540273	CHK1_HUMAN	Fu: 444345	1c	1NVR	1BYG	2CGV		Sc=6.1216, min distance = 2.5430755
CSK_HUMAN	Fu: 656971	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1BYG	1Y8Y		Sc=5.85128, min distance = 2.611885
CSK_HUMAN	Fu: 72271	CHK1_HUMAN	Fu: 444345	1c	1NVR	1BYG	1NVQ	0.91	Sc=6.39193, min distance = 2.774575
CSLA_PEDHE	Fu: 448431	P84141_ARTAU	Fu: 24139	ace	1RWC	1HM3	1RWH		Sc=5.72577, min distance = 2.326345
CSLB_PEDHE	Fu: 6927060	HYSA_STRPN	Fu: 446101	AC	1OJO	1OFL	1F9G		Sc=5.63309, min distance = 2.370915
CTBP1_HUMAN	Fu: 11987786	LDH_PLAFD	Fu: 5893	nadi	1T2D	1MX3	1T2E	0.77	Sc=6.76878, min distance = 2.671745
CTBP1_HUMAN	Fu: 16129587	G3PA_SPIOL	Fu: 5893	nadi	1NBO	1MX3	2PKR		Sc=6.36006, min distance = 1.895875
CTBP1_HUMAN	Fu: 4369002	LDHA_PIG	Fu: 5893	nadi	9LDB	1MX3	9LDT	0.77	Sc=6.76739, min distance = 2.316195
CTBP1_HUMAN	Fu: 439153	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1MX3	1DEH	0.79	Sc=6.77154, min distance = 1.914015
CTBP1_HUMAN	Fu: 439153	CTBP1_RAT	Fu: 5893	nadi	1HKU	1MX3	1HL3	0.79	Sc=6.76564, min distance = 2.535135
CTBP1_HUMAN	Fu: 440516	MDH_THETH	Fu: 5893	nadi	1BMD	1MX3	1BDM	0.79	Sc=6.33239, min distance = 2.613455
CTBP1_HUMAN	Fu: 445794	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1MX3	2FZE		Sc=6.61414, min distance = 1.579995
CTBP1_HUMAN	Fu: 6022	UGDH_HUMAN	Fu: 5893	nadi	2Q3E	1MX3	2QG4		Sc=6.77086, min distance = 1.931725
CTBP1_HUMAN	Fu: 6102710	Q4PRK9_PLAVI	Fu: 5893	nadi	2A92	1MX3	2AA3	0.95	Sc=6.77909, min distance = 2.756285
CTBP1_RAT	Fu: 11987786	LDH_PLAFD	Fu: 5893	nadi	1T2D	1HKU	1T2E	0.77	Sc=6.76564, min distance = 2.497905
CTBP1_RAT	Fu: 123927	Q9GT92_CRYPV	Fu: 5893	nadi	2FM3	1HKU	2EWD	0.97	Sc=6.76818, min distance = 2.370815
CTBP1_RAT	Fu: 440516	MDH_THETH	Fu: 5893	nadi	1BMD	1HKU	1BDM	0.79	Sc=6.3314, min distance = 2.6343575
CTBP1_RAT	Fu: 445794	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1HKU	2FZE		Sc=6.6105, min distance = 2.6025955
CTBP1_RAT	Fu: 446288	G3P_PALVE	Fu: 5893	nadi	1DSS	1HKU	1IHX		Sc=6.75726, min distance = 2.181585
CTBP2_HUMAN	Fu: 11987786	LDH_PLAFD	Fu: 5893	nadi	1T2D	2OME	1T2E	0.77	Sc=6.78241, min distance = 2.663665
CTBP2_HUMAN	Fu: 123927	Q9GT92_CRYPV	Fu: 5893	nadi	2FM3	2OME	2EWD	0.97	Sc=6.77941, min distance = 2.192045
CTBP2_HUMAN	Fu: 439153	ADH1E_HORSE	Fu: 5893	nadi	1MGO	2OME	2JHF	0.79	Sc=6.77476, min distance = 2.234385
CTBP2_HUMAN	Fu: 439153	CTBP1_RAT	Fu: 5893	nadi	1HKU	2OME	1HL3	0.79	Sc=6.78013, min distance = 2.615545
CUEO_ECOLI	Fu: 5354052	MIF_HUMAN	Fu: 311	citri	1GD0	2FQE	2OOZ		Sc=5.83481, min distance = 0.618455
CUEO_ECOLI	Fu: 8778	CTXA3_NAJAT	Fu: 311	citri	1XT3	2FQE	1H0J		Sc=5.75463, min distance = 0.802485
CUTA_PYRHO	Fu: 1881	DYR_CANAL	Fu: 78165	MES	1M79	1V99	1AOE		Sc=5.75796, min distance = 1.500695
CVN_NOSEL	Fu: 101798	LEC1_LATOC	Fu: 185698	al	1LOG	2RDK	1LOB	0.94	Sc=5.81357, min distance = 2.481405
CVN_NOSEL	Fu: 101798	LECB_LATOC	Fu: 185698	al	1LOG	2RDK	1LOB	0.94	Sc=5.80653, min distance = 2.498965
CVN_NOSEL	Fu: 101798	LEC_GALNI	Fu: 185698	al	1JPC	2RDK	1MSA	0.94	Sc=5.83642, min distance = 2.184925
CVN_NOSEL	Fu: 16741013	CARP_YEAST	Fu: 151504	D-	1FQ5	2PYS	1FQ6		Sc=5.63307, min distance = 2.493565
CVN_NOSEL	Fu: 16741013	CARP_YEAST	Fu: 185698	al	1DPJ	2RDK	1FQ6		Sc=5.7989, min distance = 0.9061575
CVN_NOSEL	Fu: 445184	Q6P5R5_HUMAN	Fu: 185698	al	1OP3	2RDK	1ZLW	0.89	Sc=5.70923, min distance = 2.623975
CVN_NOSEL	Fu: 445184	Q6PYX1_HUMAN	Fu: 185698	al	1ZLS	2RDK	1ZLW	0.89	Sc=5.83319, min distance = 1.689845
CVN_NOSEL	Fu: 445948	Q9HYN5_PSEAE	Fu: 185698	al	1OVS	2RDK	1OXC		Sc=5.79104, min distance = 1.958155

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CVN_NOSEL Fu: 449023 N2	CONA_CANEN Fu: 151504 D- 1I3H	2PYS	1VAM		Sc=6.26117, min distance = 0.619245
CVN_NOSEL Fu: 64947 alp	CONA_CANEN Fu: 151504 D- 1I3H	2PYS	1GIC		Sc=5.73529, min distance = 2.233122
CVN_NOSEL Fu: 64947 alp	LEC1_LATOC Fu: 185698 al 1LOG	2RDK	1LOA	0.94	Sc=5.84586, min distance = 1.769059
CVN_NOSEL Fu: 64947 alp	LEC_PEA Full=1 185698 al 1RIN	2RDK	1HKD	0.94	Sc=5.81357, min distance = 2.345495
CVN_NOSEL Fu: 87330 M97	CONA_CANEN Fu: 151504 D- 1I3H	2PYS	1CJP		Sc=6.27338, min distance = 2.022215
CY1_BOVIN Fu: 11957385	MYG_PHYCA Ful: 444098 HE 1A6M	1L0N	2CMM		Sc=6.08163, min distance = 2.356299
CY1_BOVIN Fu: 444279 1e	OMPG_ECOLI Fu: 62852 B-C 2IWW	1BCC	2IWW		Sc=5.85757, min distance = 1.235025
CY552_THIFE 1 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1H10	2CMM		Sc=6.26401, min distance = 2.085705
CY552_THIFE 1 16214774	CP51_MYCTU Fu: 444124 HE 2CIB	1H10	2CI0	0.95	Sc=6.64391, min distance = 2.024728
CY552_THIFE 1 444207 He	CP119_SULTO Fu: 444124 HE 3B4X	1H10	1UE8	0.99	Sc=6.74046, min distance = 1.994719
CYAA_BACAN Fu: 5957 Ader	PANC_MYCTU Fu: 91557 1tr 1N2E	1S26	2A84	0.99	Sc=5.96842, min distance = 1.910742
CYAA_BACAN Fu: 6083 ader	NADE_BACAN Fu: 91557 1tr 2PZ8	1S26	2PZA	0.97	Sc=6.30896, min distance = 1.674680
CYB2_YEAST Fu: 11957364	HMOX1_HUMAN Fu: 444124 HE 1OZW	1KBI	1S13	0.86	Sc=6.6716, min distance = 1.7090936
CYB2_YEAST Fu: 11957371	HMOX1_HUMAN Fu: 444124 HE 1OZW	1KBI	1TWR		Sc=6.66842, min distance = 1.636338
CYB2_YEAST Fu: 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1KBI	2CMM		Sc=6.23686, min distance = 2.023925
CYB2_YEAST Fu: 16741044	PYRDA_LACLC Fu: 444243 FA 1JUB	1KBI	1JRB		Sc=6.67326, min distance = 2.222729
CYB2_YEAST Fu: 24180714	HAOX1_HUMAN Fu: 444243 FA 2NZL	1KBI	2RDT		Sc=6.15247, min distance = 2.386424
CYB2_YEAST Fu: 444095 HE	RCEM_RHOVI Fu: 444124 HE 3D38	1KBI	1DXR	0.91	Sc=6.76919, min distance = 2.027544
CYB2_YEAST Fu: 444207 He	CP119_SULTO Fu: 444124 HE 3B4X	1KBI	1UE8	0.99	Sc=6.7621, min distance = 2.0859375
CYB2_YEAST Fu: 444207 He	PER_COPCI Ful: 444124 HE 1LY9	1KBI	1LY8	0.99	Sc=6.75995, min distance = 2.023196
CYB5B_RAT Fu: 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1AWP	2CMM		Sc=6.22067, min distance = 1.953830
CYB_BOVIN Fu: 11957363	HBA_HUMAN Ful: 444522 HE 2DN1	1BGY	1RQA	0.81	Sc=6.80625, min distance = 2.024145
CYB_BOVIN Fu: 11957385	MYG_PHYCA Ful: 444522 HE 1VXD	1BGY	2CMM		Sc=6.37803, min distance = 2.103285
CYB_BOVIN Fu: 11970219	CCPR_YEAST Fu: 444522 HE 3E20	1BGY	1BEM	0.87	Sc=6.80662, min distance = 1.862334
CYB_BOVIN Fu: 11970242	CCPR_YEAST Fu: 444522 HE 3E20	1BGY	1CPE	0.87	Sc=6.80697, min distance = 2.040835
CYB_BOVIN Fu: 16741183	MYG_PHYCA Ful: 444522 HE 1VXD	1BGY	2EKT	0.93	Sc=6.69694, min distance = 1.991484
CYB_BOVIN Fu: 4369228 C	PER_COPCI Ful: 444522 HE 1H3J	1BGY	1LYC	0.96	Sc=6.80662, min distance = 1.778180
CYB_BOVIN Fu: 444207 He	PER_COPCI Ful: 444522 HE 1H3J	1BGY	1LY8	1	Sc=6.809, min distance = 1.98935695
CYB_BOVIN Fu: 444207 He	PETD_MASLA Fu: 444522 HE2E76	1BGY	1VF5	60.53	Sc=6.82764, min distance = 0.698755
CYB_BOVIN Fu: 447920 uk	RCEL_RHOVI Fu: 447344 CI 1R2C	1NTZ	3D38	0.94	Sc=5.81378, min distance = 2.358622
CYB_RHOSH Fu: 130804 NQ	CYB_BOVIN Ful: 447884 st 1PP9	2QJY	1NU1	49.09	Sc=6.06528, min distance = 1.408519
CYB_YEAST Fu: 130804 NQ	CYB_BOVIN Ful: 447884 st 1PP9	3CX5	1NU1	51.78	Sc=6.06325, min distance = 1.304635
CYC1_YEAST Fu: 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1S6V	2CMM		Sc=6.25497, min distance = 2.020875
CYC22_RHOCE 1 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1JDL	2CMM		Sc=6.12989, min distance = 2.142655
CYC22_RHOCE 1 444207 He	CP119_SULTO Fu: 444124 HE 3B4X	1JDL	1UE8	0.99	Sc=6.72562, min distance = 2.101619
CYC2_RHOCA Fu: 11957385	MYG_PHYCA Ful: 444522 HE 1VXD	1VYD	2CMM		Sc=6.13626, min distance = 2.195610
CYC2_RHOCA Fu: 444124 HE	Q83WG3_9ACTO 1 444522 HE 2Z3T	1VYD	2Z3U	0.99	Sc=6.7682, min distance = 2.0292255

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CYC2_RHORU	F1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	3C2C	2CMM			Sc=6.26348, min distance = 2.221416		
CYC2_RHORU	F1	444124	HE	Q83WG3_9ACTO	1	444522	HE	2Z3T	3C2C	2Z3U	0.99	Sc=6.77783, min distance = 2.236680		
CYC3_DESVH	F1	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2CYM	2CMM			Sc=6.33945, min distance = 1.894709		
CYCL_METEX	F1	444207	He	CP119_SULTO	F1	444124	HE	3B4X	2C8S	1UE8	0.99	Sc=6.7807, min distance = 2.0191730		
CYC_HORSE	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2PCB	2CMM			Sc=6.24243, min distance = 2.071152		
CYF_CHLRE	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1CFM	2CMM			Sc=6.40212, min distance = 2.221082		
CYF_CHLRE	Fu	444207	He	CP119_SULTO	F1	444124	HE	3B4X	1CFM	1UE8	0.99	Sc=6.83721, min distance = 2.213178		
CYF_CHLRE	Fu	444522	HE	NOSO_BACSU	Fu	444124	HE	2AN0	1CFM	2FC1	0.99	Sc=6.7953, min distance = 2.2355963		
CYF_MASLA	Fu	11957360	CYB_BOVIN	Ful	444522	HE	1BGY	2E76	1NTM		0.78	Sc=6.83861, min distance = 2.065935		
CYGB_HUMAN	F1	11957353	HBA_HORSE	Ful	444522	HE	1Y8K	1V5H	1IWH		29.73	0.87	Sc=6.70476, min distance = 2.070098	
CYGB_HUMAN	F1	11957363	HBB_HUMAN	Ful	444098	HE	1J40	2DC3	1RQA		29.55	0.77	Sc=6.73025, min distance = 1.878845	
CYGB_HUMAN	F1	11957363	HBB_HUMAN	Ful	444522	HE	2DN1	1V5H	1RQA		29.55	0.81	Sc=6.70476, min distance = 1.918998	
CYGB_HUMAN	F1	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2DC3	2CMM		32.03		Sc=6.14199, min distance = 2.086371	
CYGB_HUMAN	F1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1V5H	2CMM		32.03		Sc=6.16005, min distance = 2.167614	
CYGB_HUMAN	F1	11970242	CCPR_YEAST	Fu	444522	HE	3E20	1V5H	1CPE			0.87	Sc=6.69572, min distance = 2.079149	
CYGB_HUMAN	F1	126994	CI	CCPR_YEAST	Fu	444098	HE	2EUT	2DC3	1Z53		0.77	Sc=6.67592, min distance = 2.184574	
CYGB_HUMAN	F1	126994	CI	CCPR_YEAST	Fu	444522	HE	3E20	1V5H	1Z53			0.81	Sc=6.69404, min distance = 2.111859
CYGB_HUMAN	F1	16741061	MYG_PHYCA	Ful	444098	HE	1A6M	2DC3	1MBC		32.03	0.83	Sc=6.63656, min distance = 2.062684	
CYGB_HUMAN	F1	16741061	MYG_PHYCA	Ful	444522	HE	1VXD	1V5H	1MBC		32.03	0.87	Sc=6.66202, min distance = 2.114807	
CYGB_HUMAN	F1	16741183	MYG_PHYCA	Ful	444522	HE	1VXD	1V5H	2EKT		32.03	0.93	Sc=6.45674, min distance = 2.048682	
CYGB_HUMAN	F1	4368974	C	HBA_HUMAN	Ful	444522	HE	2DN1	1V5H	1FN3		30.15	0.94	Sc=6.75596, min distance = 1.639987
CYGB_HUMAN	F1	444124	HE	HBA_HUMAN	Ful	444522	HE	2DN1	1V5H	1NQP		30.15	0.99	Sc=6.71145, min distance = 2.034283
CYGB_HUMAN	F1	444124	HE	HBB_HORSE	Ful	444522	HE	1Y8K	1V5H	1Y8I		31.39	0.99	Sc=6.74507, min distance = 1.940883
CYGB_HUMAN	F1	444124	HE	MYG_HORSE	Ful	444522	HE	1NZ3	1V5H	1DWT		30.07	0.99	Sc=6.66476, min distance = 2.087152
CYGB_HUMAN	F1	444124	HE	MYG_PIG	Full=	444522	HE	1MNI	1V5H	1MYH		30.07	0.99	Sc=6.76626, min distance = 2.151478
CYGB_HUMAN	F1	444207	He	HBB_HORSE	Ful	444522	HE	1Y8K	1V5H	2ZLW		31.39	1	Sc=6.71106, min distance = 2.014550
CYGB_HUMAN	F1	446332	CI	MYG_PHYCA	Ful	444522	HE	1VXD	1V5H	1IOP		32.03	0.79	Sc=6.66428, min distance = 2.045069
CYH2_MOUSE	F1	16058667	AKT1_HUMAN	Fu	107758	1b	1UNQ	1U27	2UVM					Sc=5.62425, min distance = 2.525708
CYOB_ECOLI	F1	11957361	CYB_BOVIN	Ful	444522	HE	1BGY	1FFT	1NTZ			0.84		Sc=6.75085, min distance = 2.031779
CYOB_ECOLI	F1	11957363	HBB_HUMAN	Ful	444522	HE	2DN1	1FFT	1RQA			0.81		Sc=6.7615, min distance = 2.1638200
CYOB_ECOLI	F1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1FFT	2CMM					Sc=6.23061, min distance = 2.121964
CYOB_ECOLI	F1	16741183	MYG_PHYCA	Ful	444522	HE	1VXD	1FFT	2EKT			0.93		Sc=6.52021, min distance = 2.055054
CYOB_ECOLI	F1	444124	HE	GLB1_GLYDI	Fu	444522	HE	1HBG	1FFT	1JF3		0.99		Sc=6.75286, min distance = 2.047859
CYOB_ECOLI	F1	444124	HE	HBB_HUMAN	Ful	444522	HE	2DN1	1FFT	1NQP		0.99		Sc=6.76073, min distance = 2.188348
CYOB_ECOLI	F1	446409	HN	HBA_HUMAN	Ful	444522	HE	2DN1	1FFT	1J40		0.98		Sc=6.75934, min distance = 1.871448
CYPC_BACSU	F1	11957363	HBA_HUMAN	Ful	444522	HE	2DN1	1IZO	1RQA			0.81		Sc=6.80221, min distance = 2.040257
CYPC_BACSU	F1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1IZO	2CMM					Sc=6.29662, min distance = 2.226269

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CYPC_BACSU	F1	11970219	CCPR_YEAST	Fu	444522	HE	3E2O	1IZO	1BEM	0.87	Sc=6.79297, min distance = 2.128569	
CYPC_BACSU	F1	11970221	CCPR_YEAST	Fu	444522	HE	3E2O	1IZO	1BES	0.87	Sc=6.75325, min distance = 2.188979	
CYPC_BACSU	F1	11970222	CCPR_YEAST	Fu	444522	HE	3E2O	1IZO	1BJ9	0.81	Sc=6.3888, min distance = 2.072847	
CYPC_BACSU	F1	11970242	CCPR_YEAST	Fu	444522	HE	3E2O	1IZO	1CPE	0.87	Sc=6.79512, min distance = 2.125468	
CYPC_BACSU	F1	126994	CCPR_YEAST	Fu	444522	HE	3E2O	1IZO	1Z53	0.81	Sc=6.79941, min distance = 2.093869	
CYPC_BACSU	F1	14368760	LPXC_AQUAE	Fu	985	palmi	2G03	1IZO	2O3Z		Sc=5.9594, min distance = 1.092981	
CYPC_BACSU	F1	185698	CD1D1_MOUSE	Fu	985	palmi	2FIK	1IZO	2Q7Y		Sc=5.66077, min distance = 2.150150	
CYPC_BACSU	F1	4369228	PER_COPCI	Fu	444522	HE	1H3J	1IZO	1LYC	0.96	Sc=6.80337, min distance = 2.167199	
CYPC_BACSU	F1	444124	GLB1_GLYDI	Fu	444522	HE	1HBG	1IZO	1JF3	0.99	Sc=6.81062, min distance = 1.738709	
CYPC_BACSU	F1	444124	MYG_HORSE	Fu	444522	HE	1NZ3	1IZO	1DWT	0.99	Sc=6.78307, min distance = 1.838300	
CYPC_BACSU	F1	444124	NOS3_BOVIN	Fu	444522	HE	2HX2	1IZO	1ZZS	0.99	Sc=6.78275, min distance = 2.157619	
CYPC_BACSU	F1	444124	PER_COPCI	Fu	444522	HE	1H3J	1IZO	1LY9	0.99	Sc=6.79877, min distance = 2.203199	
CYPC_BACSU	F1	444207	PER_COPCI	Fu	444522	HE	1H3J	1IZO	1LY8	1	Sc=6.805, min distance = 2.13264480	
CYPC_BACSU	F1	447168	CCPR_YEAST	Fu	444522	HE	3E2O	1IZO	1ML2	0.86	Sc=6.83036, min distance = 2.120012	
CYSD_PSESM	F1	24905142	SRC_CHICK	Fu	440317	AT	3DQW	1ZUN	3EN4		Sc=6.39601, min distance = 1.804908	
CYSD_PSESM	F1	25011745	SRC_CHICK	Fu	440317	AT	3DQW	1ZUN	3EL8		Sc=6.29179, min distance = 2.031410	
CYSD_PSESM	F1	444564	MYS2_DICDI	Fu	440317	AT	1MMG	1ZUN	1W9I	0.91	Sc=5.93109, min distance = 2.456090	
CYSD_PSESM	F1	6022	Ader	FTSK_PSEAE	Fu	440317	AT	2IUT	1ZUN	2IUU	0.99	Sc=5.88452, min distance = 2.140914
CYSD_PSESM	F1	6022	Ader	MYS2_DICDI	Fu	440317	AT	1MMG	1ZUN	1VOM	0.99	Sc=5.90688, min distance = 2.019240
CYSD_PSESM	F1	6083	ader	SRC_CHICK	Fu	440317	AT	3DQW	1ZUN	3DQX	0.97	Sc=6.31583, min distance = 2.422690
CYSG_SALTY	F1	4369099	CBIF_BACME	Fu	439155	Ad	1CBF	1PJQ	2CBF		Sc=6.49976, min distance = 2.667080	
CYSK_MYCTU	F1	22489152	TRPB_SALTY	Fu	445376	LF	2J9X	2Q3D	2J9Y	0.94	Sc=6.41112, min distance = 2.210422	
DAAA_BACYM	F1	445062	HEM1_RHOCA	Fu	1051	Code	2BWO	1DAA	2BWP	0.86	Sc=6.37032, min distance = 1.887199	
DAPA_ECOLI	F1	23831	HEE	RBCMT_PEA	Fu	5962	L-ly	2H2E	2ATS	1MLV		Sc=5.6016, min distance = 1.1501738
DAPA_ECOLI	F1	6274	hist	ARGT_SALTY	Fu	5962	L-ly	1LST	2ATS	1LAG		Sc=5.66873, min distance = 2.664002
DAPB_ECOLI	F1	11970225		ETR1_CANTR	Fu	5886	NADP	1GUF	1DIH	1N9G	0.78	Sc=6.36228, min distance = 0.944030
DAPB_ECOLI	F1	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1DRU	1DEH	0.79	Sc=6.75868, min distance = 1.534622
DAPB_ECOLI	F1	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1DRU	2JHF	0.79	Sc=6.30052, min distance = 1.933430
DAPB_ECOLI	F1	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1DRU	1IHX		Sc=6.74505, min distance = 2.295389
DAPB_ECOLI	F1	5326622	C	URIC_ASPFL	Fu	10367	Dip	2PES	1ARZ	3BJP		Sc=5.75463, min distance = 2.139682
DAPB_THEMA	F1	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1VM6	1T2E	0.77	Sc=6.75137, min distance = 2.311227
DAPB_THEMA	F1	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1VM6	1I3K	0.79	Sc=6.76564, min distance = 1.995410
DAPB_THEMA	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1VM6	2FZE		Sc=6.27748, min distance = 2.449019
DAPB_THEMA	F1	6022	Ader	Q5SI02_THET8	Fu	5893	nadi	2BJK	1VM6	2BJA		Sc=6.40913, min distance = 1.782250
DAPK1_HUMAN	I	10109823		PIM1_HUMAN	Fu	444345	1c	1YHS	1WVY	3CY3	30.51	Sc=6.35908, min distance = 2.415090
DAPK1_HUMAN	I	11502647		CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2GDO	31.42	Sc=6.33465, min distance = 2.291259
DAPK1_HUMAN	I	153999	Ru	PDPK1_HUMAN	Fu	444345	1c	1OKY	1WVY	1UU3	28.63 0.77	Sc=6.34342, min distance = 2.141830

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DAPK1_HUMAN	1	1540	1h1d	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1H1Q	29.17	Sc=6.19914, min distance = 2.712826
DAPK1_HUMAN	1	1587957	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2BRB	31.42	Sc=6.0402, min distance = 2.2641294
DAPK1_HUMAN	1	15991572		LCK_HUMAN	Fu	444345	1c	1QPD	1WVY	2OF4	29.1	Sc=6.21975, min distance = 2.365230
DAPK1_HUMAN	1	160355	rd	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	3DDQ	29.17	Sc=6.12385, min distance = 2.177919
DAPK1_HUMAN	1	16122633		KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	2UW0	29.63	Sc=6.43405, min distance = 2.174049
DAPK1_HUMAN	1	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2YWP	31.42	Sc=6.23346, min distance = 2.710119
DAPK1_HUMAN	1	16214823		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2UZB	29.17	Sc=6.04752, min distance = 2.625998
DAPK1_HUMAN	1	16214826		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2UZL	29.17	Sc=6.07509, min distance = 2.241078
DAPK1_HUMAN	1	16214827		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2UZN	29.17	Sc=5.99895, min distance = 3.149239
DAPK1_HUMAN	1	16758227		CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2R0U	31.42	Sc=6.45766, min distance = 2.279472
DAPK1_HUMAN	1	1707	1fv	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1FVT	29.17	Sc=5.87826, min distance = 2.508356
DAPK1_HUMAN	1	17751819		KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	2VO6	29.63	Sc=6.25253, min distance = 2.539496
DAPK1_HUMAN	1	1907917	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2CGW	31.42	Sc=6.02656, min distance = 2.451427
DAPK1_HUMAN	1	23653515		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3F	29.17	Sc=5.82426, min distance = 2.134370
DAPK1_HUMAN	1	23653516		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3G	29.17	Sc=6.05196, min distance = 3.039474
DAPK1_HUMAN	1	23653518		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3J	29.17	Sc=6.03521, min distance = 2.191242
DAPK1_HUMAN	1	23653520		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3L	29.17	Sc=6.03521, min distance = 2.141186
DAPK1_HUMAN	1	23653522		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3N	29.17	Sc=6.09126, min distance = 2.174796
DAPK1_HUMAN	1	23653523		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3O	29.17	Sc=6.16874, min distance = 2.500774
DAPK1_HUMAN	1	23653524		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2R3P	29.17	Sc=6.15824, min distance = 2.044389
DAPK1_HUMAN	1	23657800		CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2E9P	31.42	Sc=6.2161, min distance = 2.2500470
DAPK1_HUMAN	1	23727982		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	3BHU	29.17	Sc=6.23346, min distance = 2.662866
DAPK1_HUMAN	1	24762195		KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	2VO0	29.63	Sc=6.27341, min distance = 2.350144
DAPK1_HUMAN	1	24851689		PIM1_HUMAN	Fu	444345	1c	1YHS	1WVY	3CY2	30.51	Sc=6.15314, min distance = 2.504087
DAPK1_HUMAN	1	24864081		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2VTS	29.17	Sc=6.21287, min distance = 2.293450
DAPK1_HUMAN	1	24905143		PK3CG_HUMAN	Fu	444345	1c	1E8Z	1WVY	2V4L		Sc=5.95282, min distance = 2.776929
DAPK1_HUMAN	1	24916751		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	3DOG	29.17	Sc=6.12114, min distance = 1.996728
DAPK1_HUMAN	1	24963033		CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2W05	29.17	Sc=6.1103, min distance = 3.2419160
DAPK1_HUMAN	1	3064778	H	ROCK1_HUMAN	Fu	33113	gar	2V55	1JKL	2ETK	27.8	Sc=6.11002, min distance = 1.905366
DAPK1_HUMAN	1	3543	1g5s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1G5S	29.17	Sc=6.39669, min distance = 2.232440
DAPK1_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	1Q8W	29.63	Sc=5.86942, min distance = 2.362034
DAPK1_HUMAN	1	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	1JKL	2ESM	27.8	Sc=5.99815, min distance = 2.344039
DAPK1_HUMAN	1	3973	nche	PIM1_HUMAN	Fu	444345	1c	1YHS	1WVY	1YI3	30.51	Sc=5.86387, min distance = 2.881652
DAPK1_HUMAN	1	4369136	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1DM2	29.17	Sc=6.15759, min distance = 2.898464
DAPK1_HUMAN	1	4369433	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2BRM	31.42	Sc=6.15333, min distance = 2.269710
DAPK1_HUMAN	1	4369434	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2BRN	31.42	Sc=6.29433, min distance = 2.408978
DAPK1_HUMAN	1	445966	O6	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1H0V	29.17	Sc=6.05663, min distance = 3.409967

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DAPK1_HUMAN	1	447654	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1OIT	29.17		Sc=6.03283, min distance = 2.863786
DAPK1_HUMAN	1	447655	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1OIU	29.17		Sc=6.20648, min distance = 2.756785
DAPK1_HUMAN	1	447766	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1P2A	29.17		Sc=6.2363, min distance = 2.5137645
DAPK1_HUMAN	1	448043	KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	1Q8U	29.63		Sc=5.95463, min distance = 2.547332
DAPK1_HUMAN	1	448043	ROCK1_HUMAN	Fu	33113	gar	2V55	1JKL	3D9V	27.8		Sc=6.04643, min distance = 1.915842
DAPK1_HUMAN	1	449240	KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	1YDR	29.63		Sc=5.87641, min distance = 2.452882
DAPK1_HUMAN	1	4565	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1H1R	29.17		Sc=6.20093, min distance = 2.898452
DAPK1_HUMAN	1	4566	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1H1S	29.17		Sc=6.19165, min distance = 2.836602
DAPK1_HUMAN	1	5288711	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1KE8	29.17		Sc=6.18248, min distance = 2.531595
DAPK1_HUMAN	1	5288712	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1KE9	29.17		Sc=6.19182, min distance = 2.645687
DAPK1_HUMAN	1	5326637	CSK2A_MAIZE	Fu	33113	gar	1LP4	1JKL	1M2Q	25.58		Sc=6.23825, min distance = 2.263647
DAPK1_HUMAN	1	5327121	PIM1_HUMAN	Fu	444345	1c	1YHS	1WVY	2C3I	30.51		Sc=6.11773, min distance = 2.344272
DAPK1_HUMAN	1	5327123	CHK1_HUMAN	Fu	444345	1c	1NVR	1WVY	2C3L	31.42		Sc=6.03968, min distance = 2.760464
DAPK1_HUMAN	1	5327133	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2C6K	29.17		Sc=6.01718, min distance = 2.552162
DAPK1_HUMAN	1	5494414	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2A0C	29.17		Sc=6.2204, min distance = 2.2389902
DAPK1_HUMAN	1	5687	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1DI8	29.17		Sc=6.17196, min distance = 2.409816
DAPK1_HUMAN	1	6022	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1GY3	29.17		Sc=5.85576, min distance = 2.365165
DAPK1_HUMAN	1	6022	GSK3B_HUMAN	Fu	444345	1c	1Q3D	1WVY	1J1C	27.71		Sc=5.90816, min distance = 1.853915
DAPK1_HUMAN	1	6083	PIM1_HUMAN	Fu	33113	gar	1XR1	1JKL	1YXU	30.51	0.97	Sc=6.40987, min distance = 2.071248
DAPK1_HUMAN	1	6102670	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1YKR	29.17		Sc=6.18658, min distance = 2.137185
DAPK1_HUMAN	1	6420138	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2UUE	29.17		Sc=6.21699, min distance = 2.242782
DAPK1_HUMAN	1	6420139	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	2C5V	29.17		Sc=6.04155, min distance = 2.653322
DAPK1_HUMAN	1	6539118	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1FVV	29.17		Sc=6.31009, min distance = 2.425366
DAPK1_HUMAN	1	6852207	KAPCA_BOVIN	Fu	444345	1c	1STC	1WVY	2GNI	29.63		Sc=5.85688, min distance = 2.569826
DAPK1_HUMAN	1	72271	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1PKD	29.17	0.91	Sc=6.437, min distance = 2.36706755
DAPK1_HUMAN	1	91532	KIF1A_MOUSE	Fu	33113	gar	1VFV	1JKL	1I6I		0.99	Sc=6.05094, min distance = 2.111004
DAPK1_HUMAN	1	9547890	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	1W8C	29.17		Sc=6.13389, min distance = 2.379722
DAPK1_HUMAN	1	9817550	CDK2_HUMAN	Fu	444345	1c	1AQ1	1WVY	3BHV	29.17		Sc=6.35382, min distance = 2.209645
DCDA_ECOLI	Fu	6274	ARGT_SALTY	Fu	5962	L-ly	1LST	1K00	1LAG			Sc=5.7261, min distance = 2.5160526
DCDA_METJA	Fu	6274	ARGT_SALTY	Fu	5962	L-ly	1LST	1TWI	1LAG			Sc=5.73348, min distance = 2.438442
DCDA_METJA	Fu	6322	ARGT_SALTY	Fu	5962	L-ly	1LST	1TWI	1LAF		0.79	Sc=5.83287, min distance = 2.414796
DCD_ECOLI	Fu	16741197	DUT_ECOLI	Fu	65070	dUT	1SYL	1XS1	2HRM		0.98	Sc=5.91989, min distance = 2.270480
DCHM_BPT4	Fu	454194	DCK_HUMAN	Fu	13945	Dec	2QRN	1B5E	2NO9			Sc=5.88917, min distance = 2.302176
DCHM_BPT4	Fu	60825	DCK_HUMAN	Fu	13945	Dec	2QRN	1B5E	2NOA			Sc=5.87663, min distance = 2.384236
DCHM_BPT4	Fu	60877	DCK_HUMAN	Fu	13945	Dec	2QRN	1B5E	2NO6			Sc=5.91376, min distance = 2.286926
DCIP_ENTCL	Fu	124687	ODP1_ECOLI	Fu	1132	thia	1L8A	1OVM	1RP7		0.79	Sc=6.01185, min distance = 2.331350
DCIP_ENTCL	Fu	13294447	DCIP_AZOBR	Fu	1132	thia	2NXW	1OVM	2Q5Q			Sc=6.07906, min distance = 0.852237

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DCIP_ENTCL	Ft	444421	CI	MDLC_PSEPU	Fu	1132	thia	1BFD	10VM	2FWN	0.82	Sc=6.40659, min distance = 2.291050
DCIP_ENTCL	Ft	448671	2	ILVB_YEAST	Fu	1132	thia	1N0H	10VM	1T9B		Sc=5.83321, min distance = 2.808749
DCIP_ENTCL	Ft	448673	PE	ILVB_YEAST	Fu	1132	thia	1N0H	10VM	1T9B		Sc=5.82406, min distance = 2.427940
DCIP_ENTCL	Ft	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	10VM	1TKA		Sc=6.43887, min distance = 1.489098
DCIP_ENTCL	Ft	448722	1t	TKT1_YEAST	Fu	1132	thia	1TRK	10VM	1TKB	0.78	Sc=6.44149, min distance = 2.222409
DCIP_ENTCL	Ft	6102647	C	ODBA_HUMAN	Fu	1132	thia	2BFD	10VM	1WCI	0.9	Sc=6.12169, min distance = 2.088293
DCIP_ENTCL	Ft	6518182	C	POXB_LACPL	Fu	1132	thia	2EZ4	10VM	2EZ9	0.94	Sc=5.7924, min distance = 2.4605271
DCK_HUMAN	Fu	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1H1Q		Sc=6.32438, min distance = 2.182006
DCK_HUMAN	Fu	1707	1fvt	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1FVT		Sc=6.05533, min distance = 1.973993
DCK_HUMAN	Fu	171548	bi	AVID_CHICK	Fu	187790	de	2A8G	2ZI7	2JGS		Sc=6.29605, min distance = 1.010889
DCK_HUMAN	Fu	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2R3F		Sc=5.82684, min distance = 1.894618
DCK_HUMAN	Fu	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2R3J		Sc=6.06255, min distance = 2.038184
DCK_HUMAN	Fu	23653522		CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2R3N		Sc=6.25558, min distance = 2.173559
DCK_HUMAN	Fu	23653523		CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2R3O		Sc=6.30983, min distance = 2.419496
DCK_HUMAN	Fu	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2R3R		Sc=6.08616, min distance = 2.305111
DCK_HUMAN	Fu	24066	za1	DNK_DROME	Fu	13711	dec	2VP5	2N01	2VP9	37.36	0.96 Sc=6.04399, min distance = 1.381277
DCK_HUMAN	Fu	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2VTR		Sc=5.93544, min distance = 2.405339
DCK_HUMAN	Fu	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1JSV		Sc=5.88645, min distance = 2.752411
DCK_HUMAN	Fu	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	1P5Z	1BS1	0.91	Sc=5.97221, min distance = 2.269123
DCK_HUMAN	Fu	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	1P5Z	1W9I	0.91	Sc=5.65072, min distance = 2.327649
DCK_HUMAN	Fu	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1GII		Sc=6.21249, min distance = 1.708748
DCK_HUMAN	Fu	445841	py	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1GIJ		Sc=6.24644, min distance = 2.181637
DCK_HUMAN	Fu	446704	LS	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1KE6		Sc=6.19776, min distance = 2.024510
DCK_HUMAN	Fu	446903	NO	AVID_CHICK	Fu	187790	de	2A8G	2ZI7	1LDO		Sc=6.06612, min distance = 2.390942
DCK_HUMAN	Fu	446904	HO	AVID_CHICK	Fu	187790	de	2A8G	2ZI7	1LDQ		Sc=6.21774, min distance = 2.305611
DCK_HUMAN	Fu	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1OIU		Sc=6.34032, min distance = 2.638962
DCK_HUMAN	Fu	447766	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1P2A		Sc=6.28348, min distance = 1.608809
DCK_HUMAN	Fu	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1PF8		Sc=5.97115, min distance = 2.021989
DCK_HUMAN	Fu	448378	al	APHA_ECOLI	Fu	13711	dec	1RMY	2N01	1RMT		Sc=6.32735, min distance = 1.438082
DCK_HUMAN	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1H1R		Sc=6.32903, min distance = 2.624901
DCK_HUMAN	Fu	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1H1S		Sc=6.36597, min distance = 2.114142
DCK_HUMAN	Fu	5287830	6	Q8RLY5_LACHE	Fu	13730	dec	1S2G	2ZI3	1S2I		Sc=5.67266, min distance = 1.971041
DCK_HUMAN	Fu	5288016	6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2B53		Sc=6.23658, min distance = 1.945360
DCK_HUMAN	Fu	5288708	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	1KE5		Sc=6.07939, min distance = 1.904713
DCK_HUMAN	Fu	5326739	1	GSK3B_HUMAN	Fu	6022	Aden	1J1C	1P5Z	1Q41		Sc=6.26018, min distance = 2.214638
DCK_HUMAN	Fu	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2BTS		Sc=5.81956, min distance = 2.599822
DCK_HUMAN	Fu	5327132	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1P5Z	2C6I		Sc=6.18711, min distance = 2.343059

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DCK_HUMAN	Fu: 5327134	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1P5Z	2C6L			Sc=6.29633, min distance = 2.489694	
DCK_HUMAN	Fu: 5789 thyr	DNK_DROME	Fu: 13711 dec	2VP5	2N01	10T3	37.36		Sc=6.21831, min distance = 1.576921	
DCK_HUMAN	Fu: 5790 flox	DNK_DROME	Fu: 13711 dec	2VP5	2N01	2VP6	37.36	0.75	Sc=6.15924, min distance = 1.615597	
DCK_HUMAN	Fu: 5957 Ader	BIOD_ECOLI	Fu: 6022 Aden	1DAD	1P5Z	1A82		0.99	Sc=6.04117, min distance = 2.157783	
DCK_HUMAN	Fu: 5957 Ader	MUTS_ECOLI	Fu: 6022 Aden	1OH7	1P5Z	1W7A		0.99	Sc=6.02091, min distance = 2.621009	
DCK_HUMAN	Fu: 6083 ader	HSP71_HUMAN	Fu: 6022 Aden	1S3X	1P5Z	1XQS		0.99	Sc=5.8835, min distance = 2.1824932	
DCK_HUMAN	Fu: 656971 CI	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1P5Z	1Y8Y			Sc=5.89885, min distance = 2.281150	
DCK_HUMAN	Fu: 72194 2-C	ENPL_CANFA	Fu: 6022 Aden	1TC6	1P5Z	1QYE		0.89	Sc=6.12943, min distance = 1.994126	
DCK_HUMAN	Fu: 73318 8-C	AVID_CHICK	Fu: 187790 de	2A8G	2ZI7	2A5B			Sc=6.3457, min distance = 2.0633858	
DCK_HUMAN	Fu: 9547890 I	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1P5Z	1W8C			Sc=6.07058, min distance = 2.060936	
DCK_HUMAN	Fu: 9991833 S	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1P5Z	2R3H			Sc=5.76266, min distance = 2.404892	
DCK_HUMAN	Fu: 9994066 4	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1P5Z	2VTJ			Sc=5.81594, min distance = 2.300365	
DCP_ECOLI	Fu: 199528 D-	SYW2_DEIRA	Fu: 6305 L-tr	1YI8	1Y79	1YIA		0.89	Sc=6.14068, min distance = 2.597401	
DCP_ECOLI	Fu: 3081936 7	P95480_PSEFL	Fu: 6305 L-tr	2AQJ	1Y79	2AR8		0.9	Sc=6.07591, min distance = 2.021180	
DCP_ECOLI	Fu: 5962 L-ly	THER_BACTH	Fu: 6305 L-tr	1THL	1Y79	1KEI			Sc=5.67966, min distance = 2.248911	
DCP_ECOLI	Fu: 60961 ade	Q8KHZ8_NOCAE	Fu: 6305 L-tr	2E4G	1Y79	2OA1			Sc=5.86865, min distance = 2.469562	
DCP_ECOLI	Fu: 6140 L-ph	THER_BACTH	Fu: 6305 L-tr	1THL	1Y79	1OS0			Sc=5.76419, min distance = 2.127738	
DCP_ECOLI	Fu: 71567 D-g	APX_STRGR	Fu: 6305 L-tr	1TF8	1Y79	1TKH			Sc=5.81517, min distance = 2.172362	
DCXR_HUMAN	Fu: 15942680	6PGD_LACLM	Fu: 5886 NADF	2IZ0	1PR9	2IZ1			Sc=6.26814, min distance = 1.933464	
DCXR_HUMAN	Fu: 440141 9i	DHB1_HUMAN	Fu: 5886 NADF	1QYV	1PR9	1QYW			Sc=6.42696, min distance = 2.308167	
DDH_CORGL	Fu: 16741136	DYR_ECOLI	Fu: 5886 NADF	1RA2	1DAP	1RX9		1	Sc=6.3484, min distance = 2.1638505	
DDLB_ECOLI	Fu: 11957393	FAK1_HUMAN	Fu: 6022 Aden	1MP8	1IOW	2ETM			Sc=6.38733, min distance = 2.477666	
DDLB_ECOLI	Fu: 24864080	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	2VTR			Sc=6.04652, min distance = 1.977867	
DDLB_ECOLI	Fu: 24864081	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	2VTS			Sc=6.38524, min distance = 1.924712	
DDLB_ECOLI	Fu: 2608 ljsv	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	1JSV			Sc=6.06998, min distance = 2.219811	
DDLB_ECOLI	Fu: 444564 AI	BIOD_ECOLI	Fu: 6022 Aden	1DAD	1IOW	1BS1		0.91	Sc=6.46042, min distance = 2.193072	
DDLB_ECOLI	Fu: 445940 O6	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	1GZ8			Sc=6.17124, min distance = 1.889360	
DDLB_ECOLI	Fu: 447654 CI	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	1OIT			Sc=6.19842, min distance = 2.569851	
DDLB_ECOLI	Fu: 447916 ac	RIO1_ARCFU	Fu: 6022 Aden	1ZTH	1IOW	1ZTF		0.95	Sc=6.26369, min distance = 2.673010	
DDLB_ECOLI	Fu: 448222 NE	ENPL_CANFA	Fu: 6022 Aden	1TC6	1IOW	1QY5		0.81	Sc=6.40328, min distance = 1.877411	
DDLB_ECOLI	Fu: 5327134 C	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	2C6L			Sc=6.38626, min distance = 2.196266	
DDLB_ECOLI	Fu: 5957 Ader	DDL_THET8	Fu: 6022 Aden	2ZDH	1IOW	2ZDQ		36.94	0.99	Sc=6.4993, min distance = 2.2470189
DDLB_ECOLI	Fu: 5957 Ader	MALK_ECOLI	Fu: 6022 Aden	2AWN	1IOW	1Q12		0.99	Sc=6.4879, min distance = 1.3435959	
DDLB_ECOLI	Fu: 6420140 2	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	2C5Y			Sc=6.54774, min distance = 2.019899	
DDLB_ECOLI	Fu: 656971 CI	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1IOW	1Y8Y			Sc=6.06471, min distance = 1.944321	
DDLB_ECOLI	Fu: 6804 guar	NDK_PYRHO	Fu: 6022 Aden	2DYA	1IOW	2DXF		0.8	Sc=6.40672, min distance = 2.201111	
DDLB_ECOLI	Fu: 91532 AME	MTNK_BACSU	Fu: 6022 Aden	2OLC	1IOW	2PUL		0.99	Sc=6.09754, min distance = 2.021659	

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DDL_ECOLI Fu: 9543433	NDKC_DICDI Fu: 6022 Aden	1KDN	1IOW	1F6T		Sc=6.36947, min distance = 1.850276
DDL_ECOLI Fu: 9994066	CDK2_HUMAN Fu: 6022 Aden	1GY3	1IOW	2VTJ		Sc=5.9851, min distance = 2.164820
DDL_LEUMM Fu: 188966	HSLU_ECOLI Fu: 6022 Aden	1HQY	1EHI	1G4A	0.98	Sc=5.96375, min distance = 1.876075
DDL_LEUMM Fu: 23653515	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	2R3F		Sc=6.13765, min distance = 2.077695
DDL_LEUMM Fu: 23653523	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	2R3O		Sc=6.44493, min distance = 2.027656
DDL_LEUMM Fu: 24864080	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	2VTR		Sc=6.01468, min distance = 1.974950
DDL_LEUMM Fu: 4369136	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	1DM2		Sc=6.25549, min distance = 1.797409
DDL_LEUMM Fu: 447916	RIO1_ARCFU Fu: 6022 Aden	1ZTH	1EHI	1ZTF	0.95	Sc=6.19256, min distance = 2.763142
DDL_LEUMM Fu: 447955	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	1PXI		Sc=5.75952, min distance = 2.173075
DDL_LEUMM Fu: 447967	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	1PYE		Sc=6.36335, min distance = 2.184209
DDL_LEUMM Fu: 5327148	IPKA_RABIT Fu: 6022 Aden	1JBP	1EHI	2ERZ		Sc=6.15834, min distance = 2.069354
DDL_LEUMM Fu: 5687	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	1DI8		Sc=6.24985, min distance = 2.274376
DDL_LEUMM Fu: 6420140	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	2C5Y		Sc=6.51886, min distance = 2.002105
DDL_LEUMM Fu: 9543438	DDL_ECOLI Fu: 6022 Aden	1IOW	1EHI	1IOV		Sc=5.99842, min distance = 2.052342
DDL_LEUMM Fu: 9543438	DDL_ECOLI Fu: 9543432	1 2DLN	1EHI	1IOV		Sc=5.98647, min distance = 2.762315
DDL_LEUMM Fu: 9547890	CDK2_HUMAN Fu: 6022 Aden	1GY3	1EHI	1W8C		Sc=6.27374, min distance = 2.328126
DDL_STAAC Fu: 24864080	CDK2_HUMAN Fu: 6022 Aden	1GY3	2I8C	2VTR		Sc=5.98094, min distance = 1.989032
DDL_STAAC Fu: 3454	KITH_HHV11 Fu: 6022 Aden	2VTK	2I8C	1KI2		Sc=6.13456, min distance = 2.677020
DDL_STAAC Fu: 4369136	CDK2_HUMAN Fu: 6022 Aden	1GY3	2I8C	1DM2		Sc=6.25818, min distance = 1.884455
DDL_STAAC Fu: 444564	BIOD_ECOLI Fu: 6022 Aden	1DAD	2I8C	1BS1	0.91	Sc=6.00576, min distance = 2.187100
DDL_STAAC Fu: 447821	CDK2_HUMAN Fu: 6022 Aden	1GY3	2I8C	1PF8		Sc=6.12077, min distance = 1.930294
DDL_STAAC Fu: 447916	RIO1_ARCFU Fu: 6022 Aden	1ZTH	2I8C	1ZTF	0.95	Sc=6.16533, min distance = 2.753336
DDL_STAAC Fu: 448222	ENPL_CANFA Fu: 6022 Aden	1TC6	2I8C	1QY5	0.81	Sc=5.93094, min distance = 2.505230
DDL_STAAC Fu: 448310	KIPN_BPT4 Fu: 6022 Aden	1LTQ	2I8C	1RC8		Sc=5.77261, min distance = 2.376716
DDL_STAAC Fu: 4725	KITH_HHV11 Fu: 6022 Aden	2VTK	2I8C	1KI3		Sc=6.17584, min distance = 2.505995
DDL_STAAC Fu: 5327104	HS90A_HUMAN Fu: 6022 Aden	1BYQ	2I8C	2BYI		Sc=6.44651, min distance = 2.114686
DDL_STAAC Fu: 5327148	IPKA_RABIT Fu: 6022 Aden	1JBP	2I8C	2ERZ		Sc=6.0683, min distance = 2.190253
DDL_STAAC Fu: 5957	RK_BOVIN Fu: 6022 Aden	3C4Z	2I8C	3C4W	0.99	Sc=5.93778, min distance = 2.126977
DDL_STAAC Fu: 5957	Y059_METJA Fu: 6022 Aden	2J9D	2I8C	2J9C	0.99	Sc=5.93058, min distance = 2.034466
DDL_STAAC Fu: 6102787	HS90A_HUMAN Fu: 6022 Aden	1BYQ	2I8C	2CCS		Sc=6.28349, min distance = 1.785129
DDL_STAAC Fu: 6804	NDK_PYRHO Fu: 6022 Aden	2DYA	2I8C	2DXF	0.8	Sc=6.29104, min distance = 2.243195
DDL_THET8 Fu: 11608401	KAPCA_BOVIN Fu: 5957 Aden	1Q24	2ZDQ	2UVY		Sc=6.28807, min distance = 2.252445
DDL_THET8 Fu: 11708454	KAPCA_BOVIN Fu: 5957 Aden	1Q24	2ZDQ	2VNW		Sc=6.19686, min distance = 2.365435
DDL_THET8 Fu: 11957393	FAK1_HUMAN Fu: 6022 Aden	1MP8	2ZDH	2ETM		Sc=6.41812, min distance = 1.873289
DDL_THET8 Fu: 16058649	IGF1R_HUMAN Fu: 33113 gar	1JQH	2YZN	2OJ9		Sc=6.5498, min distance = 1.648805
DDL_THET8 Fu: 16122607	PDPK1_HUMAN Fu: 5957 Aden	2BIY	2ZDQ	2PE0		Sc=6.22671, min distance = 2.200035
DDL_THET8 Fu: 16750062	CSK2A_MAIZE Fu: 33113 gar	1LP4	2YZN	2OXD		Sc=5.7126, min distance = 2.123743

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DDL_THET8	Fu: 188966 dz	HSLU_ECOLI Fu: 33113 gar1E94	2YZN	1G4A	0.97	Sc=6.01488, min distance = 2.13493
DDL_THET8	Fu: 23653515	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	2R3F		Sc=6.16736, min distance = 1.68981
DDL_THET8	Fu: 24779674	CSK2A_MAIZE Fu: 33113 gar 1LP4	2YZN	2PVH		Sc=6.14399, min distance = 2.78058
DDL_THET8	Fu: 24864080	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	2VTR		Sc=6.10555, min distance = 1.92165
DDL_THET8	Fu: 2608 1jsv	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	1JSV		Sc=6.13078, min distance = 1.48238
DDL_THET8	Fu: 3547 Fasv	KAPCA_BOVIN Fu: 5957 Aden 1Q24	2ZDQ	1Q8W		Sc=6.00767, min distance = 2.31621
DDL_THET8	Fu: 3547 Fasv	ROCK1_HUMAN Fu: 33113 gar 2V55	2YZN	2ESM		Sc=5.95705, min distance = 2.03300
DDL_THET8	Fu: 36735 Gpp	Q9RVK2_DEIRA 1 5957 Aden 1SU2	2ZDQ	1SZ3	0.8	Sc=6.51394, min distance = 1.88197
DDL_THET8	Fu: 440317 AT	PURT_ECOLI Fu: 5957 Aden 1KJ8	2ZDQ	1KJJ	0.99	Sc=6.5107, min distance = 1.997358
DDL_THET8	Fu: 440317 AT	PURT_ECOLI Fu: 6022 Aden 1KJQ	2ZDH	1KJJ	0.99	Sc=6.52324, min distance = 1.85390
DDL_THET8	Fu: 444564 AI	MYS2_DICDI Fu: 33113 gar 1MMN	2YZN	1W9I	0.91	Sc=6.0266, min distance = 2.130198
DDL_THET8	Fu: 444674 CI	ACCC_ECOLI Fu: 6022 Aden 2J9G	2ZDH	2VR1	27.78 0.96	Sc=5.84635, min distance = 1.60404
DDL_THET8	Fu: 444842 CI	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	1CKP		Sc=5.6386, min distance = 2.214573
DDL_THET8	Fu: 447840 CI	PHKG1_RABIT Fu: 5957 Aden 1QL6	2ZDQ	1PHK		Sc=6.0712, min distance = 2.476023
DDL_THET8	Fu: 447916 ad	RIO1_ARCFU Fu: 6022 Aden 1ZTH	2ZDH	1ZTF	0.95	Sc=6.30124, min distance = 2.37541
DDL_THET8	Fu: 447955 1p	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	1PXI		Sc=5.84554, min distance = 2.05463
DDL_THET8	Fu: 448042 2e	ROCK1_HUMAN Fu: 33113 gar 2V55	2YZN	2ETR		Sc=6.16445, min distance = 1.46407
DDL_THET8	Fu: 448043 2g	KAPCA_BOVIN Fu: 5957 Aden 1Q24	2ZDQ	1Q8U		Sc=6.07427, min distance = 2.07758
DDL_THET8	Fu: 448043 2g	ROCK1_HUMAN Fu: 33113 gar 2V55	2YZN	3D9V		Sc=6.01162, min distance = 1.91287
DDL_THET8	Fu: 448222 NE	ENPL_CANFA Fu: 6022 Aden 1TC6	2ZDH	1QY5	0.81	Sc=6.44225, min distance = 1.50602
DDL_THET8	Fu: 449240 1y	KAPCA_BOVIN Fu: 5957 Aden 1Q24	2ZDQ	1YDR		Sc=6.01664, min distance = 2.17014
DDL_THET8	Fu: 5326739 i	GSK3B_HUMAN Fu: 33113 gar 1J1B	2YZN	1Q41		Sc=6.29151, min distance = 1.59768
DDL_THET8	Fu: 5326976 1	CSK2A_MAIZE Fu: 33113 gar 1LP4	2YZN	1ZOE		Sc=5.74162, min distance = 2.04880
DDL_THET8	Fu: 5326978 1	CSK2A_MAIZE Fu: 33113 gar 1LP4	2YZN	1ZOH		Sc=5.6724, min distance = 2.026166
DDL_THET8	Fu: 5327097 2	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	2BTS		Sc=5.99134, min distance = 0.91912
DDL_THET8	Fu: 5327148 C	IPKA_RABIT Fu: 6022 Aden 1JBP	2ZDH	2ERZ		Sc=6.20425, min distance = 2.35714
DDL_THET8	Fu: 6083 ader	AAKG1_RAT Fu: 5957 Aden 2V92	2ZDQ	2V8Q	0.98	Sc=6.39746, min distance = 1.95422
DDL_THET8	Fu: 6083 ader	ASSY_THET8 Fu: 33113 gar 1KOR	2YZN	1J20	0.97	Sc=6.31583, min distance = 0.45448
DDL_THET8	Fu: 6083 ader	ENTP2_RAT Fu: 33113 gar 3CJA	2YZN	3CJ7	0.97	Sc=6.26529, min distance = 1.96874
DDL_THET8	Fu: 6083 ader	PSPF_ECOLI Fu: 6022 Aden 2C98	2ZDH	2VII	0.99	Sc=6.38367, min distance = 1.84634
DDL_THET8	Fu: 6083 ader	PURP_METJA Fu: 6022 Aden 2R7N	2ZDH	2R7M	0.99	Sc=6.41112, min distance = 1.80022
DDL_THET8	Fu: 6083 ader	PURP_PYRFU Fu: 5957 Aden 2R86	2ZDQ	2R85	0.98	Sc=6.39382, min distance = 2.59080
DDL_THET8	Fu: 6083 ader	Q6L8F0_THETH 1 33113 gar 1V25	2YZN	1V26	0.97	Sc=6.29641, min distance = 1.85745
DDL_THET8	Fu: 60961 ade	IPKA_RABIT Fu: 6022 Aden 1JBP	2ZDH	1FMO	0.95	Sc=6.28066, min distance = 1.96923
DDL_THET8	Fu: 656971 CI	CDK2_HUMAN Fu: 6022 Aden 1GY3	2ZDH	1Y8Y		Sc=6.13046, min distance = 1.22825
DDL_THET8	Fu: 91532 AME	MTNK_BACSU Fu: 6022 Aden 2OLC	2ZDH	2PUL	0.99	Sc=6.55253, min distance = 1.70274
DDL_THET8	Fu: 9543432 1	DDL_B_ECOLI Fu: 6022 Aden 1IOW	2ZDH	2DLN	36.94	Sc=5.97755, min distance = 2.34698

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DDL_THET8	Fu: 9543438	DDL_ECOLI	Fu: 6022	Aden	1IOW	2ZDH	1IOV	36.94	Sc=6.00663, min distance = 2.346296
DDL_THET8	Fu: 9547890	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2ZDH	1W8C		Sc=6.33008, min distance = 1.968528
DDX10_HUMAN	1 4369136	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2PL3	1DM2		Sc=6.24474, min distance = 1.691340
DDX10_HUMAN	1 447004	MYS2_DICDI	Fu: 6022	Aden	1VOM	2PL3	1LVK		Sc=5.74414, min distance = 2.336401
DDX20_HUMAN	1 24779674	CSK2A_MAIZE	Fu: 33113	gar	1LP4	3B7G	2PVH		Sc=6.2186, min distance = 1.942543
DDX20_HUMAN	1 24779676	CSK2A_MAIZE	Fu: 33113	gar	1LP4	3B7G	2PVK		Sc=6.3533, min distance = 2.148365
DDX20_HUMAN	1 3064778	ROCK1_HUMAN	Fu: 33113	gar	2V55	3B7G	2ETK		Sc=6.08409, min distance = 2.246432
DDX20_HUMAN	1 3547	ROCK1_HUMAN	Fu: 33113	gar	2V55	3B7G	2ESM		Sc=5.71039, min distance = 1.947890
DDX20_HUMAN	1 4369136	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2OXC	1DM2		Sc=6.28626, min distance = 1.732181
DDX20_HUMAN	1 448042	ROCK1_HUMAN	Fu: 33113	gar	2V55	3B7G	2ETR		Sc=6.16079, min distance = 2.018214
DDX20_HUMAN	1 6083	Q6L8F0_THETH	1 33113	gar	1V25	3B7G	1V26	0.97	Sc=5.79819, min distance = 2.666719
DDX3X_HUMAN	1 15342951	PYGM_RABIT	Fu: 6083	aden	8GPB	2I4I	3BCR		Sc=5.98279, min distance = 2.015857
DDX47_HUMAN	1 15342951	PYGM_RABIT	Fu: 6083	aden	8GPB	3BER	3BCR		Sc=6.10029, min distance = 2.138122
DDX47_HUMAN	1 5957	PURP_PYRFU	Fu: 6083	aden	2R85	3BER	2R86	0.98	Sc=6.0217, min distance = 2.282852
DDX47_HUMAN	1 656966	PDE4D_HUMAN	Fu: 6083	aden	1TB7	3BER	1Y2E		Sc=5.94848, min distance = 2.018482
DDX47_HUMAN	1 656969	PDE4B_HUMAN	Fu: 6083	aden	1ROR	3BER	1Y2J		Sc=6.08885, min distance = 1.632642
DDX47_HUMAN	1 657135	PIM1_HUMAN	Fu: 6083	aden	1YXU	3BER	1YXV		Sc=5.85344, min distance = 1.887284
DDX47_HUMAN	1 8582	PYGM_RABIT	Fu: 6083	aden	8GPB	3BER	2QN7	0.79	Sc=5.89926, min distance = 2.411264
DDX52_HUMAN	1 2608	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3DKP	1JSV		Sc=5.91939, min distance = 2.162287
DEF1_BACCR	Fu: 159596	DEF_ECOLI	Fu: 443600	ac	1LRU	1WS1	1G27		Sc=6.35812, min distance = 2.334547
DEF1_BACCR	Fu: 448475	DEF_PSEAE	Fu: 443600	ac	1LRY	1WS1	1S17		Sc=6.18656, min distance = 2.166174
DEF2_BACCR	Fu: 448475	DEF_PSEAE	Fu: 445753	1g	1IX1	2OKL	1S17		Sc=6.17344, min distance = 2.565466
DEF2_BACST	Fu: 448475	DEF_PSEAE	Fu: 445753	1g	1IX1	1LQY	1S17		Sc=6.15756, min distance = 2.748004
DEF_ECOLI	Fu: 448475	DEF_PSEAE	Fu: 443600	ac	1LRY	1LRU	1S17	57.76	Sc=6.19578, min distance = 2.625849
DEF_ECOLI	Fu: 448475	DEF_PSEAE	Fu: 445753	1g	1IX1	1G2A	1S17	57.76	Sc=6.18118, min distance = 2.563270
DEF_ENTFA	Fu: 159596	DEF_ECOLI	Fu: 445753	1g	1G2A	2OS1	1G27	0.79	Sc=6.3161, min distance = 2.365864
DEF_ENTFA	Fu: 448475	DEF_PSEAE	Fu: 445753	1g	1IX1	2OS1	1S17		Sc=6.16304, min distance = 2.538924
DEF_LEPIN	Fu: 159596	DEF_ECOLI	Fu: 445753	1g	1G2A	1SZZ	1G27	37.65	0.79 Sc=6.362, min distance = 1.436302
DEF_LEPIN	Fu: 16131873	DEF_ECOLI	Fu: 445753	1g	1G2A	1SZZ	1BSJ	37.65	Sc=6.50438, min distance = 2.058769
DEF_LEPIN	Fu: 164795	RBCMT_PEA	Fu: 23831	HEP	1MLV	1VEY	2H2J		Sc=5.86523, min distance = 2.089791
DEF_LEPIN	Fu: 443600	DEF_ECOLI	Fu: 445753	1g	1G2A	1SZZ	1LRU	37.65	0.87 Sc=6.50484, min distance = 2.431832
DEF_LEPIN	Fu: 443600	DEF_PSEAE	Fu: 445753	1g	1IX1	1SZZ	1LRY	42.24	0.87 Sc=6.50956, min distance = 2.509312
DEF_LEPIN	Fu: 447768	PURR_BACSU	Fu: 23831	HEP	1O57	1VEY	1P4A		Sc=5.78098, min distance = 1.547495
DEF_LEPIN	Fu: 448475	DEF_PSEAE	Fu: 445753	1g	1IX1	1SZZ	1S17	42.24	Sc=6.14629, min distance = 2.516421
DEF_LEPIN	Fu: 5962	RBCMT_PEA	Fu: 23831	HEP	1MLV	1VEY	2H2E		Sc=5.76044, min distance = 2.189839
DEF_LEPIN	Fu: 854023	Q8WSF8_APLCA	1 23831	HEP	2BR7	1VEY	2BYQ		Sc=5.88845, min distance = 1.588771
DEF_PSEAE	Fu: 159596	DEF_ECOLI	Fu: 443600	ac	1LRU	1LRY	1G27	57.76	Sc=6.32842, min distance = 2.272174

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DEF_PSEAE	Fu: 159596	1g	DEF_ECOLI	Ful: 445753	1g	1G2A	1IX1	1G27	57.76	0.79	Sc=6.38236, min distance = 1.758807
DEF_STAAU	Fu: 159596	1g	DEF_ECOLI	Ful: 445753	1g	1G2A	1Q1Y	1G27		0.79	Sc=6.31704, min distance = 2.176780
DEF_STAAU	Fu: 16131873		DEF_ECOLI	Ful: 445753	1g	1G2A	1Q1Y	1BSJ			Sc=6.5215, min distance = 2.033355
DEF_STAAU	Fu: 448475	1s	DEF_PSEAE	Ful: 445753	1g	1IX1	1Q1Y	1S17			Sc=6.12146, min distance = 2.188018
DEF_STRP1	Fu: 448475	1s	DEF_PSEAE	Ful: 445753	1g	1IX1	2OS3	1S17			Sc=6.15872, min distance = 2.693998
DEF_STRR6	Fu: 159596	1g	DEF_ECOLI	Ful: 5327016	S	2AI8	2AI7	1G27	35		Sc=6.40254, min distance = 0.830041
DEOD_BACAN	Fu: 10041129		SAHH_MYCTU	Fu: 60961	ade	3CE6	2AC7	3DHY		0.89	Sc=6.30081, min distance = 2.272336
DEOD_BACAN	Fu: 24180721		PIM1_HUMAN	Fu: 60961	ade	1YI4	2AC7	3C4E			Sc=5.99648, min distance = 1.865570
DEOD_BACAN	Fu: 439176	Me	MTAP_SULSO	Fu: 60961	ade	1JDV	2AC7	1JDT		0.91	Sc=6.29237, min distance = 1.951334
DEOD_ECOLI	Fu: 10041129		SAHH_MYCTU	Fu: 60961	ade	3CE6	1PK7	3DHY		0.89	Sc=6.30511, min distance = 1.964190
DEOD_ECOLI	Fu: 190	adeni	PURR_ECOLI	Fu: 5287547	6	2PUA	1OTY	2PUB		0.9	Sc=5.67557, min distance = 2.996110
DEOD_ECOLI	Fu: 24180721		PIM1_HUMAN	Fu: 60961	ade	1YI4	1PK7	3C4E			Sc=6.00434, min distance = 1.787929
DEOD_ECOLI	Fu: 439176	Me	MTAP_SULSO	Fu: 60961	ade	1JDV	1PK7	1JDT	33.82	0.91	Sc=6.28867, min distance = 2.151419
DEOD_ECOLI	Fu: 444498	in	PNPH_BOVIN	Fu: 6021	inos	1A9S	1PR0	1B8N			Sc=5.92344, min distance = 2.129337
DEOD_ECOLI	Fu: 446470	SA	PIMT_PYRFU	Fu: 60961	ade	1JG2	1PK7	1JG4		0.84	Sc=6.44479, min distance = 1.168514
DEOD_ECOLI	Fu: 447992	1c	Q8I3X4_PLAF7	1	6021	inos	2BSX	1PR0			Sc=6.36194, min distance = 2.083090
DEOD_ECOLI	Fu: 5078682	C	PNPH_BOVIN	Fu: 6021	inos	1A9S	1PR0	2QPL			Sc=5.85754, min distance = 2.324188
DEOD_ECOLI	Fu: 764	guani	PNPH_HUMAN	Fu: 6021	inos	1RCT	1PR0	1V2H			Sc=5.78152, min distance = 2.729380
DEOD_ECOLI	Fu: 8646	Guar	PNPH_HUMAN	Fu: 6021	inos	1RCT	1PR0	1V41			Sc=5.75767, min distance = 2.530814
DEXB_STRMU	Fu: 193758	Va	CDGT2_BACCI	Fu: 79025	alp	1D3C	2ZID	1DTU			Sc=5.87191, min distance = 1.881110
DEXB_STRMU	Fu: 444809	Th	AMY1_HORVU	Fu: 79025	alp	1RP8	2ZID	1P6W		0.78	Sc=5.87794, min distance = 0.736600
DEXB_STRMU	Fu: 444915	Gl	CDGT2_BACCI	Fu: 79025	alp	1D3C	2ZID	1CXL		0.85	Sc=5.71804, min distance = 0.110660
DEXB_STRMU	Fu: 445237	1,	AMY1_HORVU	Fu: 79025	alp	1RP8	2ZID	1P6W		0.77	Sc=5.83448, min distance = 2.053644
DEXB_STRMU	Fu: 446000	CI	AMYP_PIG	Full:	79025	alp	1HX0	2ZID		0.83	Sc=5.81666, min distance = 1.876560
DEXB_STRMU	Fu: 7027	gluc	Q9C171_PIREQ	1	79025	alp	1GWM	2ZID			Sc=5.91325, min distance = 2.168092
DEXT_PENMI	Fu: 445564	4-	GUNG_CLOCE	Fu: 64689	bet	1GA2	1OGO	1KFG		0.88	Sc=5.80114, min distance = 0.224842
DFPA_LOLVU	Fu: 439353	be	O96048_LUMTE	1	8172	Trig	2DRY	1PJX			Sc=5.71337, min distance = 0.969890
DFRA_VITVI	Fu: 24180721		PIM1_HUMAN	Fu: 5281672	r	2O63	2IOD	3C4E			Sc=5.87603, min distance = 2.639459
DFRA_VITVI	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	2IOD	1E7Y			Sc=5.69269, min distance = 1.952977
DFRA_VITVI	Fu: 657135	Og	PIM1_HUMAN	Fu: 5281672	r	2O63	2IOD	1YXV			Sc=5.69232, min distance = 3.007149
DGAL_ECOLI	Fu: 15942683		FCN3_HUMAN	Fu: 439353	be	2J5Z	1GLG	2J60		0.77	Sc=5.68725, min distance = 1.293230
DGAL_ECOLI	Fu: 439764	be	ARAF_ECOLI	Fu: 439353	be	8ABP	1GLG	6ABP		0.93	Sc=5.67623, min distance = 2.554069
DGAL_ECOLI	Fu: 6027	xylc	Q9ZB17_9LACT	1	439353	be	1NSX	1GLG		0.93	Sc=5.69659, min distance = 1.998041
DGAL_ECOLI	Fu: 7027	gluc	Q72KX2_THET2	1	439353	be	2B3F	1GLG			Sc=5.92229, min distance = 2.388709
DGDA_BURCE	Fu: 152217	2,	DYR_CANAL	Ful:	78165	MES	1M79	1ZOD			Sc=5.7618, min distance = 2.009304
DGDA_BURCE	Fu: 444773	LE	ALR_BACST	Ful:	445719	EF	1FTX	1M0Q		0.92	Sc=6.3693, min distance = 2.458075
DGDA_BURCE	Fu: 446862	2k	ALR_BACST	Ful:	445719	EF	1FTX	1M0Q		0.92	Sc=6.35849, min distance = 2.458498

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DGUOK_HUMAN	1	64968	dTT	DPO42_SULSO	Fu	15993	dAT	2AGQ	2OCP	1S00			Sc=6.4564, min distance = 1.7557702
DGUOK_HUMAN	1	65091	dCT	DPO42_SULSO	Fu	15993	dAT	2AGQ	2OCP	2ASD			Sc=6.38327, min distance = 2.259100
DGUOK_HUMAN	1	65103	dGT	DPO42_SULSO	Fu	15993	dAT	2AGQ	2OCP	2JEJ	0.8		Sc=6.4897, min distance = 2.0781015
DHAK_CITFR	Fu	6083	ader	PIM1_HUMAN	Fu	33113	gar	1XR1	1UN9	1YXU	0.97		Sc=5.79536, min distance = 2.242095
DHAK_CITFR	Fu	64968	dTT	RIR1_YEAST	Fu	33113	gar	2EUD	1UN9	2CVW			Sc=5.92023, min distance = 2.098670
DHAL_ECOLI	Fu	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2BTD	1HIY	0.97		Sc=6.42021, min distance = 2.197160
DHAL_ECOLI	Fu	447017	CI	NDKC_DICDI	Fu	6022	Aden	1KDN	2BTD	1LWX			Sc=5.96234, min distance = 1.559290
DHAL_ECOLI	Fu	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BTD	1PXI			Sc=5.74284, min distance = 2.413470
DHAL_ECOLI	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BTD	1H1R			Sc=6.01314, min distance = 2.731605
DHAL_ECOLI	Fu	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2BTD	2ERZ			Sc=6.17438, min distance = 2.141450
DHAL_ECOLI	Fu	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2BTD	1FMO	0.95		Sc=6.21668, min distance = 2.357785
DHAL_ECOLI	Fu	6132	Cyti	O33839_THEMA	I	6022	Aden	1XJK	2BTD	1XJN			Sc=6.34222, min distance = 2.024742
DHAL_ECOLI	Fu	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	2BTD	1XJE	0.8		Sc=6.44913, min distance = 1.866260
DHAL_ECOLI	Fu	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BTD	3BHV			Sc=6.37079, min distance = 2.124384
DHAL_LACLA	Fu	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	3CR3	3BHT			Sc=6.12331, min distance = 2.298355
DHAL_LACLA	Fu	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	3CR3	3BHU			Sc=6.18043, min distance = 2.211515
DHAL_LACLA	Fu	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	3CR3	1ZTF	0.95		Sc=6.19342, min distance = 2.256955
DHAL_LACLA	Fu	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	3CR3	1PXI			Sc=5.70476, min distance = 2.386652
DHAL_LACLA	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	3CR3	1H1R			Sc=6.3641, min distance = 1.5121695
DHAL_LACLA	Fu	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	3CR3	2ERZ			Sc=6.14509, min distance = 2.081914
DHAL_LACLA	Fu	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	3CR3	2VII	0.99		Sc=6.3253, min distance = 2.3962072
DHAL_LACLA	Fu	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	3CR3	1FMO	0.95		Sc=6.16533, min distance = 2.210002
DHAL_LACLA	Fu	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	3CR3	3EJ1			Sc=6.14453, min distance = 1.620005
DHA_MYCTU	Fu	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	2VHW	1DRV	0.97		Sc=6.77867, min distance = 2.120402
DHA_MYCTU	Fu	165230	1a	G6PD_LEUME	Fu	5893	nadi	1H94	2VHW	2DPG			Sc=6.46129, min distance = 1.543025
DHA_MYCTU	Fu	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	2VHW	2JHF	0.79		Sc=6.7737, min distance = 2.5375915
DHA_MYCTU	Fu	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	2VHW	1WXI			Sc=6.36755, min distance = 2.083625
DHA_MYCTU	Fu	6102710	A	Q4PRK9_PLAVI	I	5893	nadi	2A92	2VHW	2AA3	0.95		Sc=6.78689, min distance = 2.239440
DHB1_HUMAN	Fu	165230	1a	G6PD_LEUME	Fu	5886	NADF	1H9A	1QYV	2DPG			Sc=5.79095, min distance = 2.545435
DHB1_HUMAN	Fu	444865	Ec	SDIS_COMTE	Fu	222865	An	1OHS	1QYW	1OGZ			Sc=5.96669, min distance = 2.568955
DHB4_HUMAN	Fu	11987635		ADH_DROLE	Fu	5893	nadi	1SBY	1ZBQ	1B2L	23.32	0.76	Sc=6.84927, min distance = 2.037002
DHB4_HUMAN	Fu	15942690		INHA_MYCTU	Fu	5893	nadi	2H7I	1ZBQ	2NTJ			Sc=6.42983, min distance = 1.603925
DHB4_HUMAN	Fu	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1ZBQ	1B15	23.32	0.76	Sc=6.82047, min distance = 1.925685
DHB4_HUMAN	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1ZBQ	2NV6	0.93		Sc=6.41062, min distance = 2.218695
DHB4_RAT	Fu	15942665		INHA_MYCTU	Fu	5893	nadi	2H7I	1GZ6	2H9I	0.88		Sc=6.12323, min distance = 1.979722
DHB4_RAT	Fu	15942690		INHA_MYCTU	Fu	5893	nadi	2H7I	1GZ6	2NTJ			Sc=6.13749, min distance = 2.271754
DHB4_RAT	Fu	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	1GZ6	1I3K	0.79		Sc=6.75075, min distance = 2.316975

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DHB4_RAT	Ful	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1GZ6	1UDB	0.79	Sc=6.31911, min distance = 2.512434
DHB4_RAT	Ful	439153	Di	Q9BJJ9_PLAFA	Fu	5893	nadi	1UH5	1GZ6	1V35	0.79	Sc=6.73996, min distance = 2.070000
DHB4_RAT	Ful	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1GZ6	2NV6	0.93	Sc=6.10946, min distance = 2.130971
DHB4_RAT	Ful	5957	Ader	PPNK_ARCFU	Fu	5893	nadi	1Z0Z	1GZ6	1Z0S		Sc=6.50735, min distance = 1.190711
DHB8_HUMAN	Fu	15942665		INHA_MYCTU	Fu	5893	nadi	2H7I	2PD6	2H9I	0.88	Sc=6.87165, min distance = 2.039284
DHB8_HUMAN	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2PD6	1UDB	0.79	Sc=6.78116, min distance = 2.386125
DHB8_HUMAN	Fu	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	2PD6	1B15	0.76	Sc=6.82528, min distance = 2.016764
DHB8_HUMAN	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	2PD6	2NV6	0.93	Sc=6.85612, min distance = 2.053745
DHBE_BACSU	Fu	24316	cyc	PDE10_HUMAN	Fu	6083	aden	2OUN	1MDB	2OUU	0.81	Sc=6.38954, min distance = 2.028931
DHBE_BACSU	Fu	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	1MDB	1PG4	0.99	Sc=6.49251, min distance = 2.100651
DHBE_BACSU	Fu	5281672	n	PIM1_HUMAN	Fu	6083	aden	1YXU	1MDB	2O63		Sc=6.5107, min distance = 1.533224
DHBE_BACSU	Fu	5327121	I	PIM1_HUMAN	Fu	6083	aden	1YXU	1MDB	2C3I		Sc=6.33343, min distance = 0.769694
DHBE_BACSU	Fu	6076	Cycl	PDE10_HUMAN	Fu	6083	aden	2OUN	1MDB	2OUR	0.99	Sc=6.33036, min distance = 2.312078
DHBE_BACSU	Fu	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1MDB	1YXX		Sc=6.24015, min distance = 1.195251
DHBE_BACSU	Fu	656966	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	1MDB	1Y2E		Sc=6.12745, min distance = 2.043811
DHBE_BACSU	Fu	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1MDB	1YXV		Sc=5.97072, min distance = 2.121085
DHD2_LACPA	Fu	123927	A3	Q9GT92_CRYPV	Fu	5893	nadi	2FM3	1DXY	2EWD	0.97	Sc=6.33263, min distance = 1.969725
DHD2_LACPA	Fu	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1DXY	1DEH	0.79	Sc=6.76878, min distance = 2.239235
DHD2_LACPA	Fu	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1DXY	2JHF	0.79	Sc=6.31872, min distance = 2.005770
DHD2_LACPA	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1DXY	1BDM	0.79	Sc=6.32334, min distance = 2.009551
DHD2_LACPA	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1DXY	2FZE		Sc=6.16312, min distance = 2.089165
DHD2_LACPA	Fu	6102710	A	Q4PRK9_PLAVI	Fu	5893	nadi	2A92	1DXY	2AA3	0.95	Sc=6.33483, min distance = 1.804974
DHE2_CLOSY	Fu	40539	Qui	GRIK2_RAT	Fu	33032	L-g	1S50	1BGV	1S9T		Sc=5.80344, min distance = 2.228825
DHE2_CLOSY	Fu	449178	gl	GLMS_ECOLI	Fu	33032	L-g	1XFF	1BGV	1XFG	0.81	Sc=5.74433, min distance = 2.036675
DHE2_CLOSY	Fu	5310984	2	GRM3_RAT	Fu	33032	L-g	2E4U	1BGV	2E4Y		Sc=5.86263, min distance = 2.422011
DHE3_BOVIN	Fu	3080614	C	HIF1A_HUMAN	Fu	51	2-Oxop	1H2L	1HWY	1H2K		Sc=5.70915, min distance = 2.756358
DHE3_BOVIN	Fu	3080614	C	HIF1N_HUMAN	Fu	51	2-Oxop	1H2L	1HWY	1H2K		Sc=5.70487, min distance = 2.746541
DHE3_BOVIN	Fu	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1HWZ	1E7Y		Sc=6.35352, min distance = 2.073735
DHE3_BOVIN	Fu	449178	gl	GLMS_ECOLI	Fu	33032	L-g	1XFF	1HWX	1XFG	0.81	Sc=5.81408, min distance = 2.116344
DHE3_BOVIN	Fu	5310984	2	GRM3_RAT	Fu	33032	L-g	2E4U	1HWX	2E4Y		Sc=5.91081, min distance = 2.233965
DHE3_BOVIN	Fu	5318532	i	IDHP_YEAST	Fu	51	2-Oxop	2QFY	1HWY	2QFW		Sc=6.05394, min distance = 1.118192
DHE3_BOVIN	Fu	6083	ader	HSP71_HUMAN	Fu	6022	Aden	1S3X	1NQT	1XQS	0.99	Sc=5.85293, min distance = 1.606678
DHE3_BOVIN	Fu	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1NQT	1D0X		Sc=5.74301, min distance = 1.911042
DHGB_ACICA	Fu	11987682		DHM1_METME	Fu	5326460	F	2AD8	1CQ1	2AD6	0.83	Sc=6.47921, min distance = 2.428871
DHG_BACME	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1GEE	1I3K	0.79	Sc=6.43706, min distance = 2.503438
DHG_BACME	Fu	440141	9i	G6PD_LEUME	Fu	5893	nadi	1H94	1GEE	1E7Y		Sc=5.9406, min distance = 2.0172954
DHG_BACME	Fu	445794	AD	FUCO_ECOLI	Fu	5893	nadi	2BI4	1GEE	1RRM		Sc=6.16037, min distance = 2.053378

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DHG_BACME	Fu: 449263	IN	INHA_MYCTU	Fu: 5893	nadi	2H7I	1GEE	2NV6	0.93	Sc=6.84866, min distance = 2.101466
DHI1_CAVPO	Fu: 15942680		6PGD_LACLM	Fu: 5886	NADF	2IZ0	1XSE	2IZ1		Sc=6.23723, min distance = 2.149070
DHI1_CAVPO	Fu: 165230	1a	FABG_ECOLI	Fu: 5886	NADF	1Q7B	1XSE	1Q7C		Sc=6.46205, min distance = 1.875970
DHI1_CAVPO	Fu: 440141	9i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	1XSE	1QYW		Sc=5.96857, min distance = 2.012190
DHI1_HUMAN	Fu: 440141	9i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	1XU9	1QYW	30	Sc=6.42391, min distance = 1.900250
DHI1_HUMAN	Fu: 446201	1i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	1XU9	1I5R	30	Sc=6.33477, min distance = 2.035040
DHL2_LACCO	Fu: 11987786		LDH_PLAFD	Fu: 5893	nadi	1T2D	1HYH	1T2E	0.77	Sc=6.7781, min distance = 2.2554230
DHL2_LACCO	Fu: 123927	A3	DAPB_ECOLI	Fu: 5893	nadi	1DRU	1HYH	1DRV	0.97	Sc=6.77304, min distance = 1.977380
DHL2_LACCO	Fu: 123927	A3	Q9GT92_CRYPV	Fu: 5893	nadi	2FM3	1HYH	2EWD	0.97	Sc=6.76557, min distance = 2.411460
DHL2_LACCO	Fu: 169266	1,	GALE_HUMAN	Fu: 5893	nadi	1HZJ	1HYH	1I3K	0.79	Sc=6.78618, min distance = 1.895960
DHL2_LACCO	Fu: 439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1HYH	1DEH	0.79	Sc=6.77014, min distance = 2.342030
DHL2_LACCO	Fu: 439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	1HYH	2JHF	0.79	Sc=6.76919, min distance = 2.410520
DHL2_LACCO	Fu: 439153	Di	CTBP1_RAT	Fu: 5893	nadi	1HKU	1HYH	1HL3	0.79	Sc=6.78175, min distance = 2.156490
DHL2_LACCO	Fu: 439153	Di	GALE_ECOLI	Fu: 5893	nadi	1UDC	1HYH	1UDB	0.79	Sc=6.78663, min distance = 2.135610
DHL2_LACCO	Fu: 439153	Di	Q9BJJ9_PLAFA	Fu: 5893	nadi	1UH5	1HYH	1V35	0.79	Sc=6.7755, min distance = 1.7865460
DHL2_LACCO	Fu: 440516	CI	MDH_THETH	Fu: 5893	nadi	1BMD	1HYH	1BDM	0.79	Sc=6.77835, min distance = 2.333040
DHL2_LACCO	Fu: 445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1HYH	2FZE		Sc=6.63114, min distance = 2.732180
DHL2_LACCO	Fu: 6102710	A	Q4PRK9_PLAVI	Fu: 5893	nadi	2A92	1HYH	2AA3	0.95	Sc=6.77664, min distance = 2.533440
DHL2_LACCO	Fu: 9547960	A	NPD_THEMA	Fu: 5893	nadi	2H4H	1HYH	2H59		Sc=6.63624, min distance = 1.730450
DHM1_METEX	Fu: 11987682		DHM1_METME	Fu: 5326460	F	2AD8	1W6S	2AD6	0.83	Sc=6.5333, min distance = 2.6458710
DHOM_YEAST	Fu: 444564	AD	ARO1_EMENI	Fu: 5893	nadi	1SG6	1EBF	1NVA		Sc=6.38579, min distance = 1.921430
DHOM_YEAST	Fu: 447048	2k	NPD1_ARCFU	Fu: 5893	nadi	1ICI	1EBF	1M2K		Sc=6.12412, min distance = 1.746630
DHOM_YEAST	Fu: 6022	Ader	ALDH2_HUMAN	Fu: 5893	nadi	1O04	1EBF	1NZX		Sc=5.91099, min distance = 2.288890
DHOM_YEAST	Fu: 6022	Ader	Q5SI02_THET8	Fu: 5893	nadi	2BJK	1EBF	2BJA		Sc=6.18292, min distance = 2.092340
DHPR_RAT	Fu: 169266	1,	GALE_HUMAN	Fu: 5893	nadi	1HZJ	1DHR	1I3K	0.79	Sc=6.31435, min distance = 2.402440
DHPR_RAT	Fu: 439153	Di	Q9BJJ9_PLAFA	Fu: 5893	nadi	1UH5	1DHR	1V35	0.79	Sc=6.30091, min distance = 2.266870
DHPS_ECOLI	Fu: 79639	9-N	FOLB_STAAU	Fu: 69736	Ran	2DHN	1AJ0	1RRW		Sc=5.80766, min distance = 2.004650
DHQSD_ARATH	Fu: 445904	DF	AROK_MYCTU	Fu: 8742	shik	2IYS	2GPT	2DFN		Sc=5.85455, min distance = 2.055020
DHR11_HUMAN	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	1XG5	1E7Y		Sc=6.46179, min distance = 2.110790
DHRS4_PIG	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	2ZAT	1E7Y		Sc=6.44387, min distance = 1.985160
DHSD_ECOLI	Fu: 11957385		MYG_PHYCA	Fu: 444522	HE	1VXD	1NEK	2CMM		Sc=5.67245, min distance = 2.536410
DHSD_PIG	Fu: 11970222		CCPR_YEAST	Fu: 444098	HE	2EUT	1ZOY	1BJ9	0.77	Sc=6.09985, min distance = 2.553100
DHSO_HUMAN	Fu: 4369002	C	LDHA_PIG	Fu: 5893	nadi	9LDB	1PL8	9LDT	0.77	Sc=6.73476, min distance = 1.940390
DHSO_HUMAN	Fu: 439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	1PL8	2JHF	0.79	Sc=6.73074, min distance = 2.241420
DHSO_HUMAN	Fu: 439153	Di	CTBP1_RAT	Fu: 5893	nadi	1HKU	1PL8	1HL3	0.79	Sc=6.7372, min distance = 2.4377950
DHSO_HUMAN	Fu: 440516	CI	MDH_THETH	Fu: 5893	nadi	1BMD	1PL8	1BDM	0.79	Sc=6.31322, min distance = 2.235860
DHSO_HUMAN	Fu: 446006	CI	MDH_THETH	Fu: 5893	nadi	1BMD	1PL8	2CVQ		Sc=5.81431, min distance = 2.514220

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DHTM_METME	F	444658	2d	RIFK_HUMAN	Fu	444243	FA	1P4M	1DJQ	1NB9	0.97	Sc=6.14272, min distance = 2.250686
DHTM_METME	F	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1DJQ	1LTD	0.77	Sc=6.64987, min distance = 2.042126
DHTM_METME	F	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1DJQ	1SZG	0.76	Sc=6.24167, min distance = 1.889294
DHYS_HUMAN	F	447151	CI	FABI_ECOLI	Fu	5893	nadi	1QSG	1RLZ	1MFP		Sc=6.3575, min distance = 2.0134194
DIDH_RAT	Fu	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1AFS	2IZ1		Sc=6.1049, min distance = 2.4436591
DIM5_NEUCR	F	188380	Ad	RBCMT_PEA	Fu	439155	Ad	2H23	1PEG	2H2E	0.91	Sc=6.51645, min distance = 2.011638
DIM5_NEUCR	F	21945395		SETD7_HUMAN	Fu	439155	Ad	2F69	1PEG	1XQH	0.88	Sc=6.45579, min distance = 2.534960
DIM5_NEUCR	F	4369099	C	CBIF_BACME	Fu	439155	Ad	1CBF	1PEG	2CBF		Sc=6.49237, min distance = 1.734045
DIM5_NEUCR	F	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1PEG	1JQE	0.95	Sc=6.52318, min distance = 1.130011
DIM5_NEUCR	F	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1PEG	1NW6	0.88	Sc=6.55049, min distance = 1.874449
DIM5_NEUCR	F	65482	sir	MTTA_THEAQ	Fu	439155	Ad	1AQI	1PEG	1AQJ	0.88	Sc=6.52913, min distance = 1.860280
DIM5_NEUCR	F	65482	sir	SETD7_HUMAN	Fu	439155	Ad	2F69	1PEG	3CBP	0.88	Sc=6.51367, min distance = 2.608924
DIMT1_HUMAN	I	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	1ZQ9	2JG3		Sc=6.45169, min distance = 1.990498
DIMT1_HUMAN	I	439182	5'	Q70GK9_STRCT	I	34756	Acy	1RQP	1ZQ9	2CC2	0.86	Sc=6.24657, min distance = 1.652851
DIMT1_HUMAN	I	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1ZQ9	1H1D	0.92	Sc=6.55352, min distance = 1.864160
DIMT1_HUMAN	I	445971	CI	METJ_ECOLI	Fu	34756	Acy	1CMC	1ZQ9	1MJL	0.92	Sc=6.53069, min distance = 1.084349
DIMT1_HUMAN	I	5327118	5'	Q70GK9_STRCT	I	34756	Acy	1RQP	1ZQ9	2C2W	0.81	Sc=5.70204, min distance = 2.693779
DIRA1_HUMAN	I	37792	gan	GNAI1_RAT	Fu	8977	1dar	1SVK	2GF0	1AS0	0.99	Sc=6.50456, min distance = 2.464250
DIRA1_HUMAN	I	37792	gan	RAB6B_HUMAN	Fu	8977	1dar	2E9S	2GF0	2FFQ	0.99	Sc=6.5136, min distance = 2.5584270
DIRA1_HUMAN	I	37792	gan	RB11A_HUMAN	Fu	8977	1dar	1OIX	2GF0	1OIW	0.99	Sc=6.5014, min distance = 2.6767297
DIRA1_HUMAN	I	37792	gan	RHOA_HUMAN	Fu	8977	1dar	1TX4	2GF0	1CXZ	0.99	Sc=6.52415, min distance = 2.378468
DIRA1_HUMAN	I	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2GF0	1GNP		Sc=6.21154, min distance = 2.137412
DIRA1_HUMAN	I	445873	CA	RASH_HUMAN	Fu	8977	1dar	2CE2	2GF0	2CL6		Sc=6.71948, min distance = 2.009229
DIRA1_HUMAN	I	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2GF0	1IBR		Sc=6.53361, min distance = 2.232004
DIRA1_HUMAN	I	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2GF0	1IAQ		Sc=6.50298, min distance = 2.133919
DIRA1_HUMAN	I	5496554	C	RASH_HUMAN	Fu	8977	1dar	2CE2	2GF0	1GNQ		Sc=6.25913, min distance = 1.972541
DIRA1_HUMAN	I	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2GF0	1G7C	0.99	Sc=6.05167, min distance = 2.767764
DIRA1_HUMAN	I	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2GF0	2ODB	0.99	Sc=6.54919, min distance = 2.487947
DIRA1_HUMAN	I	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2GF0	121P	0.99	Sc=6.54412, min distance = 2.462602
DIRA2_HUMAN	I	37792	gan	GNAI1_RAT	Fu	8977	1dar	1SVK	2ERX	1AS0	0.99	Sc=6.52771, min distance = 2.248551
DIRA2_HUMAN	I	37792	gan	RAB6B_HUMAN	Fu	8977	1dar	2E9S	2ERX	2FFQ	0.99	Sc=6.54039, min distance = 1.913159
DIRA2_HUMAN	I	37792	gan	RB11A_HUMAN	Fu	8977	1dar	1OIX	2ERX	1OIW	0.99	Sc=6.53212, min distance = 2.237612
DIRA2_HUMAN	I	444148	1a	RHA1_ARATH	Fu	8977	1dar	2EFC	2ERX	2EFE	0.99	Sc=6.4858, min distance = 2.1935261
DIRA2_HUMAN	I	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	2ERX	1RRF		Sc=6.47558, min distance = 2.471950
DIRA2_HUMAN	I	8582	Inos	PUR1_MOUSE	Fu	8977	1dar	1LON	2ERX	1IWE	0.99	Sc=6.40268, min distance = 2.319982
DIRA2_HUMAN	I	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2ERX	2ODB	0.99	Sc=6.57389, min distance = 2.360930
DIRA2_HUMAN	I	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2ERX	2QME	0.99	Sc=6.5759, min distance = 2.4054966

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DIRA2_HUMAN	I	93082	Gal	RASH_HUMAN	Fu	8977	ldar	2CE2	2ERX	121P	0.99	Sc=6.57421, min distance = 2.347329
DISA_THEMA	F	91557	1tr	CYAA_BACAN	Fu	65562	1xf	1K90	3C23	1S26	0.99	Sc=6.44071, min distance = 1.206782
DLDH1_BACST	I	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	1EBD	2R4E	0.97	Sc=6.42472, min distance = 1.811331
DLDH1_BACST	I	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1EBD	1E39	0.93	Sc=6.42676, min distance = 2.280039
DLDH1_BACST	I	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1EBD	1QJD	0.98	Sc=6.86578, min distance = 2.425319
DLDH1_BACST	I	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1EBD	1BWC	0.98	Sc=6.4299, min distance = 2.596646
DLDH1_BACST	I	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1EBD	1GXF	0.98	Sc=6.8741, min distance = 2.1537198
DLDH1_BACST	I	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1EBD	1JNZ	0.94	Sc=6.87441, min distance = 2.037749
DLDH1_BACST	I	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1EBD	3GRT	0.98	Sc=6.87188, min distance = 2.264168
DLDH1_PSEPU	I	447048	2k	NPD1_ARCFU	Fu	5893	nadi	1ICI	1LVL	1M2K		Sc=6.13404, min distance = 2.279331
DLDH_AZOVI	F	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	3LAD	1E39	0.93	Sc=6.86696, min distance = 2.340519
DLDH_AZOVI	F	23631921		LSD1_HUMAN	Fu	444188	CI	2DW4	3LAD	2Z3Y	0.91	Sc=6.49997, min distance = 2.008636
DLDH_AZOVI	F	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	3LAD	1QJD	0.98	Sc=6.87078, min distance = 2.278264
DLDH_AZOVI	F	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	3LAD	1BWC	0.98	Sc=6.86673, min distance = 2.546879
DLDH_AZOVI	F	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	3LAD	1GXF	0.98	Sc=6.86598, min distance = 2.227241
DLDH_AZOVI	F	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	3LAD	1Y0P	0.97	Sc=6.86758, min distance = 2.269938
DLDH_HUMAN	F	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1ZMD	1BWC	0.98	Sc=6.88997, min distance = 2.559196
DLDH_HUMAN	F	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1ZMD	1JNZ	0.94	Sc=6.89628, min distance = 1.859031
DLDH_HUMAN	F	449465	CI	GSHR_HUMAN	Fu	5893	nadi	1GRB	1ZMD	3GRT	0.82	Sc=6.89225, min distance = 1.796480
DLDH_HUMAN	F	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1ZMD	2BJA		Sc=6.25479, min distance = 2.136071
DLDH_MYCTU	F	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	2A8X	1E39	0.93	Sc=6.14689, min distance = 2.340258
DLDH_MYCTU	F	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	2A8X	1QJD	0.98	Sc=6.14558, min distance = 2.399786
DLDH_MYCTU	F	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2A8X	1GXF	0.98	Sc=6.42984, min distance = 2.215362
DLDH_MYCTU	F	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	2A8X	1Y0P	0.97	Sc=6.1452, min distance = 2.4820759
DLDH_PEA	Fu	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	1DXL	2R4E	0.97	Sc=6.43723, min distance = 2.025179
DLDH_PEA	Fu	11987634		TYTR_TRYCR	Fu	444188	CI	1BZL	1DXL	1AOG	0.97	Sc=6.44586, min distance = 1.731899
DLDH_PEA	Fu	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1DXL	1QJD	0.98	Sc=6.43876, min distance = 1.971134
DLDH_PEA	Fu	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1DXL	1GXF	0.98	Sc=6.44402, min distance = 1.416301
DLDH_PSEFL	F	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1LPF	1E39	0.93	Sc=6.8686, min distance = 2.1786241
DLDH_PSEFL	F	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1LPF	1QJD	0.98	Sc=6.8656, min distance = 2.2091652
DLDH_PSEFL	F	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1LPF	1BWC	0.98	Sc=6.87078, min distance = 2.471047
DLDH_PSEFL	F	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1LPF	1GXF	0.98	Sc=6.86841, min distance = 2.195451
DLDH_PSEFL	F	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1LPF	1Y0P	0.97	Sc=6.86696, min distance = 2.146958
DLDH_TRYCR	F	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	2QAE	1E39	0.93	Sc=6.8717, min distance = 2.2360771
DLDH_TRYCR	F	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	2QAE	1QJD	0.98	Sc=6.87315, min distance = 2.237392
DLDH_TRYCR	F	445203	NA	ADRO_BOVIN	Fu	444188	CI	1CJC	2QAE	1E1M	0.82	Sc=5.83769, min distance = 2.157570
DLDH_TRYCR	F	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	2QAE	1Y0P	0.97	Sc=6.43183, min distance = 2.246901

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DLDH_TRYCR	Ft	5893	nadi	NAPE_ENTFA	Fu	444188	CI	1NHP	2QAE	2NPX	0.82	Sc=5.99214, min distance = 2.090865
DLDH_YEAST	Ft	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1V59	1E39	0.93	Sc=6.43663, min distance = 2.343832
DLDH_YEAST	Ft	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V59	3BHT		Sc=6.08864, min distance = 2.421695
DLDH_YEAST	Ft	5893	nadi	GSHR_ECOLI	Fu	444188	CI	1GES	1V59	1GEU	0.82	Sc=6.30679, min distance = 1.577000
DLDH_YEAST	Ft	5957	Ader	REX_BACSU	Fu	6022	Aden	2VT2	1V59	2VT3	0.99	Sc=5.67194, min distance = 2.008967
DLDH_YEAST	Ft	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V59	3EJ1		Sc=6.03258, min distance = 2.531735
DLTA_BACCR	Ft	166760	Fa	PURP_METJA	Fu	6083	aden	2R7M	3DHV	2R7N	0.76	Sc=6.41728, min distance = 2.298328
DLTA_BACCR	Ft	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	3DHV	3C4E		Sc=6.06946, min distance = 1.996055
DLTA_BACCR	Ft	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	3DHV	1WXE	0.91	Sc=6.05032, min distance = 2.149250
DLTA_BACCR	Ft	447832	AI	ACSA_SALTY	Fu	6083	aden	2P2F	3DHV	1PG4	0.99	Sc=6.47264, min distance = 2.310155
DLTA_BACCR	Ft	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	3DHV	1YXX		Sc=6.24576, min distance = 1.955035
DLTA_BACCR	Ft	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	3DHV	2R7K	0.79	Sc=6.31575, min distance = 2.091585
DLTA_BACCR	Ft	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	3DHV	1YXV		Sc=5.97463, min distance = 2.138752
DLTA_BACSU	Ft	101609	Ur	Q9SSV1_NICGU	I	6083	aden	1VD1	3E7W	1VD3		Sc=6.30493, min distance = 2.164637
DLTA_BACSU	Ft	166760	Fa	PURP_METJA	Fu	6083	aden	2R7M	3E7W	2R7N	0.76	Sc=6.42574, min distance = 2.168038
DLTA_BACSU	Ft	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	3E7W	3C4E		Sc=6.07377, min distance = 1.513724
DLTA_BACSU	Ft	3758	IBMX	PDE4D_HUMAN	Ft	6083	aden	1TB7	3E7W	1ZKN		Sc=6.05437, min distance = 1.148825
DLTA_BACSU	Ft	440641	1n	O57693_THETE	I	6083	aden	1UXU	3E7W	1UXR		Sc=5.99057, min distance = 2.388315
DLTA_BACSU	Ft	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	3E7W	1WXE	0.91	Sc=6.38435, min distance = 2.278532
DLTA_BACSU	Ft	447832	AI	ACSA_SALTY	Fu	6083	aden	2P2F	3E7W	1PG4	0.99	Sc=6.49603, min distance = 2.497075
DLTA_BACSU	Ft	6076	Cycl	PDE10_HUMAN	Ft	6083	aden	2OUN	3E7W	2OUR	0.99	Sc=6.33271, min distance = 2.035698
DLTA_BACSU	Ft	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	3E7W	2R7K	0.79	Sc=6.34059, min distance = 2.135135
DLTA_BACSU	Ft	65533	col	O57693_THETE	I	6083	aden	1UXU	3E7W	1UXT		Sc=6.01157, min distance = 2.429234
DLTA_BACSU	Ft	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	3E7W	1YXV		Sc=5.96456, min distance = 2.236637
DLTA_BACSU	Ft	6804	guar	NDK_PYRHO	Fu	6083	aden	2DXD	3E7W	2DXF	0.8	Sc=6.39134, min distance = 2.214860
DLTA_BACSU	Ft	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	3E7W	2QN7	0.79	Sc=6.4293, min distance = 2.2103685
DMA_BPT4	Fu	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1YF3	1Z3C	0.91	Sc=6.61319, min distance = 2.160830
DMA_BPT4	Fu	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1YF3	1JQE	0.95	Sc=6.57889, min distance = 2.287368
DMA_BPT4	Fu	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1YF3	1JG2	0.84	Sc=6.36004, min distance = 2.479108
DMA_BPT4	Fu	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	1YF3	1QAQ	0.88	Sc=6.60996, min distance = 2.069390
DMA_ECOLI	Fu	122068	de	HNMT_HUMAN	Fu	439155	Ad	2AOT	2G1P	2AOU		Sc=5.94967, min distance = 1.739538
DMA_ECOLI	Fu	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	2G1P	1Z3C	0.91	Sc=6.57146, min distance = 2.114968
DMA_ECOLI	Fu	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2G1P	1JQE	0.95	Sc=6.51708, min distance = 2.581035
DMA_ECOLI	Fu	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2G1P	1JG2	0.84	Sc=6.26156, min distance = 2.790125
DMA_ECOLI	Fu	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	2G1P	1QAQ	0.88	Sc=6.57926, min distance = 2.084415
DMA_ECOLI	Fu	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2G1P	2HV9	0.88	Sc=6.56337, min distance = 2.058147
DMA_ECOLI	Fu	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2G1P	2ZBR	0.88	Sc=6.57108, min distance = 2.509084

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DMSA_RHOSH	F1	104904	Me	IGKC_MOUSE	Fu	23831	HEF	1P7K	1EU1	2AJZ		Sc=5.74148, min distance = 1.93216
DMSA_RHOSH	F1	8200	TETP	Q8WSF8_APLCA	I	23831	HEF	2BR7	1EU1	2BYN		Sc=5.87169, min distance = 1.03039
DNAA_AQUAE	F1	13373715		HS90A_HUMAN	F1	6022	Aden	1BYQ	1L8Q	2QF6		Sc=6.2497, min distance = 2.366191
DNAA_AQUAE	F1	23653516		CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	2R3G		Sc=6.25497, min distance = 2.21554
DNAA_AQUAE	F1	24864078		CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	2VTO		Sc=6.46477, min distance = 1.80851
DNAA_AQUAE	F1	33113	gar	KIF1A_MOUSE	F1	91532	AMP	1I6I	2HCB	1VfV	0.99	Sc=6.50779, min distance = 2.32351
DNAA_AQUAE	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	1E1X		Sc=6.19565, min distance = 2.01397
DNAA_AQUAE	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1L8Q	1W9I	0.91	Sc=5.6745, min distance = 2.384060
DNAA_AQUAE	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1L8Q	1COW	0.9	Sc=5.68357, min distance = 2.73374
DNAA_AQUAE	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	1GZ8		Sc=6.14555, min distance = 1.85833
DNAA_AQUAE	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	1H0V		Sc=6.17756, min distance = 2.07849
DNAA_AQUAE	F1	449088	1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	1VYZ		Sc=6.18373, min distance = 2.13939
DNAA_AQUAE	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	1E1V		Sc=6.14616, min distance = 2.02461
DNAA_AQUAE	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1L8Q	2ERZ		Sc=6.14238, min distance = 2.09432
DNAA_AQUAE	F1	5957	Ader	DDL_THET8	Fu	6022	Aden	2ZDH	1L8Q	2ZDQ	0.99	Sc=5.73004, min distance = 1.58734
DNAA_AQUAE	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1L8Q	1W7A	0.99	Sc=5.70239, min distance = 2.49983
DNAA_AQUAE	F1	6102784	Z	PSPF_ECOLI	Fu	6022	Aden	2C98	1L8Q	2C99	0.99	Sc=5.72073, min distance = 2.40527
DNAA_AQUAE	F1	9547890	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	1L8Q	1W8C		Sc=6.23034, min distance = 2.18893
DNAA_THEMA	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2Z4S	1W9I	0.91	Sc=5.70628, min distance = 2.24453
DNAA_THEMA	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Z4S	1CKP		Sc=5.60314, min distance = 2.33631
DNAA_THEMA	F1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Z4S	1OGU		Sc=6.5757, min distance = 1.497375
DNAA_THEMA	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2Z4S	1A82	0.99	Sc=5.76321, min distance = 2.15802
DNAA_THEMA	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2Z4S	2VII	0.99	Sc=5.9157, min distance = 2.33879
DNAA_THEMA	F1	91532	AMP	AROK_MYCTU	Fu	6022	Aden	2IYV	2Z4S	1ZYU	0.99	Sc=6.07033, min distance = 2.21842
DNAA_THEMA	F1	91532	AMP	BIOD_ECOLI	Fu	6022	Aden	1DAD	2Z4S	1DAG	0.99	Sc=5.78455, min distance = 2.01125
DNAK_GEOKA	F1	15993	dAT	RECA_MYCS2	Fu	6022	Aden	2ZRO	2V7Y	2ZR9	0.97	Sc=6.49236, min distance = 2.12614
DNAK_GEOKA	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2V7Y	2ZGZ	0.79	Sc=6.51394, min distance = 2.19643
DNAK_GEOKA	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V7Y	1H0V		Sc=6.29417, min distance = 1.94500
DNAK_GEOKA	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2V7Y	1ZTF	0.95	Sc=6.2765, min distance = 2.160630
DNAK_GEOKA	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V7Y	1PXI		Sc=5.79169, min distance = 2.27119
DNAK_GEOKA	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2V7Y	3D2F	0.99	Sc=6.50573, min distance = 2.09897
DNAK_GEOKA	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2V7Y	1W7A	0.99	Sc=6.50339, min distance = 2.21257
DNAK_GEOKA	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2V7Y	2R7M	0.99	Sc=6.39311, min distance = 2.03842
DNAK_GEOKA	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2V7Y	2DXF	0.8	Sc=6.42792, min distance = 2.18041
DNAK_GEOKA	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2V7Y	2ZGY	0.8	Sc=6.47331, min distance = 2.15229
DNAK_GEOKA	F1	91532	AMP	PURP_METJA	Fu	6022	Aden	2R7N	2V7Y	2R7K	0.99	Sc=6.5483, min distance = 2.002070
DNK_DROME	Fu	119119	D	DPOLB_HUMAN	F1	65091	dCT	1MQ3	2VP4	2FMP	0.93	Sc=6.30035, min distance = 1.96375

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DNK_DROME	Fu: 119182	Cl	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2A7Q	37.36	Sc=6.27244, min distance = 2.116488	
DNK_DROME	Fu: 13730	dec	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2ZI3	37.36	Sc=6.28903, min distance = 1.003640	
DNK_DROME	Fu: 13945	Dec	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2QRN	37.36	0.93 Sc=6.26746, min distance = 1.736016	
DNK_DROME	Fu: 13945	Dec	Q93IG4_MYCMS	1	65091	dCT	2JAQ	2VP4	2JAT	0.97	Sc=6.22856, min distance = 1.737150
DNK_DROME	Fu: 15993	dAT	DPO42_SULSO	Fu: 65091	dCT	2ASD	2VP4	2AGQ			Sc=6.50321, min distance = 1.879552
DNK_DROME	Fu: 15993	dAT	DPO42_SULSO	Fu: 65103	dGT	2JEJ	2VP2	2AGQ	0.8	Sc=6.50251, min distance = 1.924072	
DNK_DROME	Fu: 1865	6-hy	KITH_HHV11	Fu: 5789	thyr	1P7C	1OT3	1E2M			Sc=6.0111, min distance = 2.277722
DNK_DROME	Fu: 187790	de	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2ZI7	37.36	Sc=6.35366, min distance = 0.783425	
DNK_DROME	Fu: 20279	Cl	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2ZIA	37.36	Sc=6.29985, min distance = 1.280005	
DNK_DROME	Fu: 445210	9-	KITH_HHV11	Fu: 5789	thyr	1P7C	1OT3	1E2I			Sc=6.02767, min distance = 2.083917
DNK_DROME	Fu: 445211	9-	KITH_HHV11	Fu: 5789	thyr	1P7C	1OT3	1E2I			Sc=6.02895, min distance = 0
DNK_DROME	Fu: 446726	AI	KITH_HHV11	Fu: 5789	thyr	1P7C	1OT3	1KI6	0.77	Sc=6.17997, min distance = 2.378777	
DNK_DROME	Fu: 447628	[KITH_HHV11	Fu: 5789	thyr	1P7C	1OT3	1OF1			Sc=6.2312, min distance = 2.0650714
DNK_DROME	Fu: 448378	a	APHA_ECOLI	Fu: 13711	dec	1RMY	2VP5	1RMT			Sc=6.30972, min distance = 1.602210
DNK_DROME	Fu: 448381	2	DPOLL_HUMAN	Fu: 65091	dCT	2PFP	2VP4	2PFN	0.82	Sc=6.42344, min distance = 1.785894	
DNK_DROME	Fu: 454194	Tr	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2NO9	37.36	Sc=6.02467, min distance = 0.368849	
DNK_DROME	Fu: 6031	Urid	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2ZIA	37.36	Sc=6.36127, min distance = 1.783405	
DNK_DROME	Fu: 60750	gen	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2NO0	37.36	0.95 Sc=6.13005, min distance = 2.077975	
DNK_DROME	Fu: 60825	lan	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2NOA	37.36	Sc=5.95701, min distance = 2.990575	
DNK_DROME	Fu: 60877	Emt	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	2NO6	37.36	Sc=6.03555, min distance = 0.436518	
DNK_DROME	Fu: 6253	cyta	DCK_HUMAN	Fu: 13711	dec	2NO1	2VP5	1P5Z	37.36	0.96 Sc=6.16429, min distance = 2.588020	
DNLI1_HUMAN	1	5957	Ader	PSPF_ECOLI	Fu: 6083	aden	2VII	1X9N	2C96	0.98	Sc=5.94617, min distance = 2.201997
DNLI1_HUMAN	1	6022	Ader	GLNA_SALTY	Fu: 6083	aden	1LGR	1X9N	1F52	0.99	Sc=5.86442, min distance = 2.482889
DNLI1_HUMAN	1	611002	Og	PIM1_HUMAN	Fu: 6083	aden	1YXU	1X9N	1YXX		Sc=6.14509, min distance = 1.472920
DNLI1_HUMAN	1	6804	guar	NDK_PYRHO	Fu: 6083	aden	2DXD	1X9N	2DXF	0.8	Sc=5.9343, min distance = 1.8339517
DNLI_BPT7	Fu: 6022	Ader	ACT1_DROME	Fu: 5957	Aden	2HF4	1A0I	2HF3	0.99	Sc=5.96519, min distance = 2.081156	
DNLI_BPT7	Fu: 6022	Ader	HSP7F_YEAST	Fu: 5957	Aden	3D2F	1A0I	3C7N	0.99	Sc=5.7474, min distance = 1.9993320	
DNLI_BPT7	Fu: 6022	Ader	PUR7_METJA	Fu: 5957	Aden	2Z02	1A0I	2YZL	0.99	Sc=5.93284, min distance = 2.087527	
DNLI_PYRFU	Fu: 101609	Ur	Q9SSV1_NICGU	1	6083	aden	1VD1	2CFM	1VD3		Sc=6.23512, min distance = 2.349697
DNLI_PYRFU	Fu: 166760	Fe	PURP_METJA	Fu: 6083	aden	2R7M	2CFM	2R7N	0.76	Sc=5.93748, min distance = 2.006154	
DNLI_PYRFU	Fu: 2519	caff	PYGM_RABIT	Fu: 6083	aden	8GPB	2CFM	1GFZ			Sc=5.82993, min distance = 2.148479
DNLI_PYRFU	Fu: 611002	Og	PIM1_HUMAN	Fu: 6083	aden	1YXU	2CFM	1YXX			Sc=6.17552, min distance = 2.217770
DNLI_PYRFU	Fu: 8582	Inos	PUR1_MOUSE	Fu: 6083	aden	1MF0	2CFM	1IWE	0.79	Sc=6.3529, min distance = 2.0496840	
DNLI_SULSO	Fu: 11708454		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2HIX	2VNW			Sc=6.20508, min distance = 2.197238
DNLJ_ECOLI	Fu: 5957	Ader	PURP_PYRFU	Fu: 6083	aden	2R85	2OWO	2R86	0.98	Sc=6.41857, min distance = 1.892697	
DNLJ_ECOLI	Fu: 6804	guar	PUR1_ECOLI	Fu: 6083	aden	1ECJ	2OWO	1ECB	0.8	Sc=6.39681, min distance = 2.039907	
DNLJ_HAEIN	Fu: 10038928		DNLJ_ENTFA	Fu: 25023705		3BA9	3BAC	3BA8			Sc=6.27537, min distance = 2.406564

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DNLJ_HAEIN	F	25023707	DNLJ_ENTFA	Fu	25023705	3BA9	3BAC	3BAB		Sc=6.23915, min distance = 2.80876		
DNMK_BPT4	Fu	6802	guar	RNAS1_BOVIN	Fu	65059	Dec	2QCA	1DEK	1EOW	0.94	Sc=6.36252, min distance = 2.03496
DOIS_BACCI	F	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	2GRU	1I3K	0.79	Sc=6.73389, min distance = 1.93913
DOIS_BACCI	F	4369261	C	ARO1_EMENI	Fu	5893	nadi	1SG6	2GRU	1NRX	0.86	Sc=6.26545, min distance = 2.27063
DOIS_BACCI	F	439153	D	GALE_ECOLI	Fu	5893	nadi	1UDC	2GRU	1UDB	0.79	Sc=6.74328, min distance = 1.66088
DOT1L_HUMAN	I	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1NW3	2IH2	0.93	Sc=6.378, min distance = 2.02608
DOT1L_HUMAN	I	445971	C	COMT_RAT	Full	34756	Acy	2CL5	1NW3	1H1D	0.92	Sc=6.55014, min distance = 2.40875
DOT1_YEAST	F	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1U2Z	1Z3C	0.91	Sc=6.58585, min distance = 2.07462
DOT1_YEAST	F	446535	C	HNMT_HUMAN	Fu	439155	Ad	2AOT	1U2Z	1JQE	0.95	Sc=6.54321, min distance = 2.59214
DOT1_YEAST	F	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1U2Z	1JG2	0.84	Sc=6.32735, min distance = 2.68663
DOT1_YEAST	F	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1U2Z	1NW6	0.88	Sc=6.56715, min distance = 2.16898
DPHB_PYRHO	F	4369099	C	CBIF_BACME	Fu	439155	Ad	1CBF	2Z6R	2CBF		Sc=6.52318, min distance = 2.30249
DPO1_BACST	F	119119	D	DPO42_SULSO	Fu	65091	dCT	2ASD	1LV5	1S97	0.93	Sc=5.80227, min distance = 1.56574
DPO1_BACST	F	15993	dAT	DPO42_SULSO	Fu	65091	dCT	2ASD	1LV5	2AGQ		Sc=5.9195, min distance = 2.28116
DPO1_BACST	F	15993	dAT	DPOL_BPR69	Fu	65091	dCT	1Q9Y	1LV5	2OZS		Sc=5.97258, min distance = 2.31259
DPO1_BACST	F	16741164		DPOLB_HUMAN	Fu	65091	dCT	1MQ3	1LV5	1ZJN		Sc=6.00794, min distance = 2.49449
DPO1_BACST	F	187790	de	DPOL_BPR69	Fu	65091	dCT	1Q9Y	1LV5	1Q9X		Sc=6.15372, min distance = 2.55927
DPO1_BACST	F	24139	ace	LYSC_CHICK	Fu	5988	sucr	1JJ0	1L3S	1LZB		Sc=5.85483, min distance = 2.60437
DPO1_BACST	F	448381	2	DPOLL_HUMAN	Fu	65091	dCT	2PFP	1LV5	2PFN	0.82	Sc=5.60043, min distance = 2.43032
DPO1_BACST	F	64968	dTT	DPOL_BPR69	Fu	65091	dCT	1Q9Y	1LV5	3CQ8	0.75	Sc=5.65334, min distance = 2.29624
DPO1_BACST	F	65103	dGT	DPO42_SULSO	Fu	65091	dCT	2ASD	1LV5	2JEJ		Sc=5.69306, min distance = 2.76440
DPO1_ECOLI	F	119119	D	DPOLB_HUMAN	Fu	65091	dCT	1MQ3	1KFD	2FMP	0.93	Sc=5.62469, min distance = 2.02722
DPO1_ECOLI	F	656930	D	DPO42_SULSO	Fu	65091	dCT	2ASD	1KFD	1S9F	0.92	Sc=5.97993, min distance = 1.85399
DPO1_THEAQ	F	15942679		DPOLB_HUMAN	Fu	65091	dCT	1MQ3	5KTQ	2ISP		Sc=5.93303, min distance = 2.44444
DPO1_THEAQ	F	64968	dTT	POLI_HUMAN	Fu	65091	dCT	2DPI	5KTQ	1T3N	0.75	Sc=5.79086, min distance = 2.19601
DPO3X_ECOLI	I	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NJF	1H1Q		Sc=6.41221, min distance = 1.83087
DPO3X_ECOLI	I	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NJF	1BS1	0.91	Sc=6.44913, min distance = 2.31648
DPO3X_ECOLI	I	444564	AD	MYS2_DICDI	Fu	440317	AT	1MMG	1NJF	1W9I	0.91	Sc=6.46237, min distance = 2.16439
DPO3X_ECOLI	I	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NJF	1H1R		Sc=6.40382, min distance = 2.08768
DPO3X_ECOLI	I	5957	Ader	DDL_THET8	Ful	6022	Aden	2ZDH	1NJF	2ZDQ	0.99	Sc=6.47968, min distance = 2.19687
DPO3X_ECOLI	I	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1NJF	2ZIA		Sc=5.90774, min distance = 2.30507
DPO3X_ECOLI	I	6031	Uric	ECX1_PYRAB	Fu	6022	Aden	2PO0	1NJF	2PNZ		Sc=5.89029, min distance = 2.05687
DPO3X_ECOLI	I	6083	ader	SRC_CHICK	Ful	440317	AT	3DQW	1NJF	3DQX	0.97	Sc=6.40468, min distance = 1.97023
DPO3X_ECOLI	I	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1NJF	2PO2		Sc=6.33834, min distance = 2.18414
DPO3X_ECOLI	I	6338561	C	MYS2_DICDI	Fu	440317	AT	1MMG	1NJF	1D0X		Sc=6.24551, min distance = 2.19395
DPO3X_ECOLI	I	6338566	C	MYS2_DICDI	Fu	440317	AT	1MMG	1NJF	1D1C		Sc=6.25616, min distance = 2.13107
DPO3X_ECOLI	I	91532	AMF	MTNK_BACSU	Fu	6022	Aden	2OLC	1NJF	2PUL	0.99	Sc=6.51485, min distance = 2.14040

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DPO3X_ECOLI	1	9547890	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NJF	1W8C		Sc=6.28057, min distance = 2.169835	
DPO42_SULSO	1	15942678	DPOLB_HUMAN	Fu	65091	dCT	1MQ3	2ASD	2ISO		Sc=6.01833, min distance = 2.108020	
DPO42_SULSO	1	15942679	DPOLB_HUMAN	Fu	65091	dCT	1MQ3	2ASD	2ISP		Sc=5.99302, min distance = 2.757078	
DPO42_SULSO	1	187790	DPOL_BPR69	Fu	15993	dAT	2OZS	2AGQ	1Q9X		Sc=5.99922, min distance = 2.996697	
DPO42_SULSO	1	448381	DPOLL_HUMAN	Fu	65091	dCT	2PFP	2ASD	2PFN	0.82	Sc=5.89123, min distance = 2.690479	
DPO42_SULSO	1	5481180	POL_HV1B1	Fu	64968	dTT	1RTD	1S00	1T05		Sc=5.88836, min distance = 1.732818	
DPO42_SULSO	1	65051	DPOLL_HUMAN	Fu	64968	dTT	2BCV	1S00	1XSN	0.94	Sc=5.92366, min distance = 2.344055	
DPOLB_HUMAN	1	15993	DPO42_SULSO	Fu	65091	dCT	2ASD	1MQ3	2AGQ		Sc=5.65545, min distance = 2.510256	
DPOLB_HUMAN	1	15993	DPOL_BPR69	Fu	65091	dCT	1Q9Y	1MQ3	2OZS		Sc=5.68751, min distance = 2.360635	
DPOLB_HUMAN	1	187790	DPOL_BPR69	Fu	65091	dCT	1Q9Y	1MQ3	1Q9X		Sc=6.11262, min distance = 2.758684	
DPOLB_HUMAN	1	64968	DPO42_SULSO	Fu	65091	dCT	2ASD	1MQ3	1S00	0.75	Sc=5.63713, min distance = 2.630094	
DPOLL_HUMAN	1	119119	DPO42_SULSO	Fu	64968	dTT	1S00	2BCV	1S97		Sc=5.62371, min distance = 2.441765	
DPOLL_HUMAN	1	15993	RIR3_SALTY	Fu	64968	dTT	1PEQ	2BCV	1PEU		Sc=5.89398, min distance = 2.019907	
DPOLL_HUMAN	1	446577	DPO42_SULSO	Fu	64968	dTT	1S00	2BCV	1JXL		Sc=5.62437, min distance = 2.635240	
DPOLL_HUMAN	1	5481180	POL_HV1B1	Fu	64968	dTT	1RTD	2BCV	1T05		Sc=5.84425, min distance = 2.265663	
DPOLL_HUMAN	1	65304	DPOL_BPT7	Fu	65051	ddT	1TKD	1XSN	1SL2		Sc=5.91307, min distance = 2.620554	
DPOLL_HUMAN	1	656930	DPO42_SULSO	Fu	64968	dTT	1S00	2BCV	1S9F		Sc=6.09606, min distance = 2.773026	
DPOLM_MOUSE	1	119119	DPOL_BPT7	Fu	65051	ddT	1TKD	2IHM	1TK0		Sc=5.8234, min distance = 2.3583530	
DPOLM_MOUSE	1	446090	NDKC_DICDI	Fu	65051	ddT	1F3F	2IHM	1HIY		Sc=5.9464, min distance = 0.9376139	
DPOLM_MOUSE	1	446577	DPOL_BPT7	Fu	65051	ddT	1TKD	2IHM	1T7P		Sc=5.94078, min distance = 2.303159	
DPOLM_MOUSE	1	6022	Aden	NDKC_DICDI	Fu	65051	ddT	1F3F	2IHM	1KDN	Sc=5.89525, min distance = 2.111047	
DPOLM_MOUSE	1	64968	dTT	DPOLL_HUMAN	Fu	65051	ddT	1XSN	2IHM	2BCV	0.94	Sc=5.91045, min distance = 2.815048
DPOLM_MOUSE	1	65304	ddT	DPOL_BPT7	Fu	65051	ddT	1TKD	2IHM	1SL2	Sc=5.89903, min distance = 2.232856	
DPOL_BPPH2	Fu	13711	dec	DNK_DROME	Fu	65103	dGT	2VP2	2PYJ	2VP5	Sc=5.80551, min distance = 2.664463	
DPOL_BPPH2	Fu	15993	dAT	DPO42_SULSO	Fu	65103	dGT	2JEJ	2PYJ	2AGQ	0.8	Sc=5.92436, min distance = 2.334083
DPOL_BPR69	Fu	3758	IBMX	PDE5A_HUMAN	Fu	6804	guan	1T9S	1WAJ	1RKP	Sc=6.05182, min distance = 2.086394	
DPOL_BPR69	Fu	449109	CI	FTSZ1_METJA	Fu	8977	1dar	2VAP	1CLQ	1W5A	Sc=5.65841, min distance = 2.141114	
DPOL_BPR69	Fu	5481180	Fu	POL_HV1B1	Fu	64968	dTT	1RTD	3CQ8	1T05	Sc=5.85201, min distance = 2.295624	
DPOL_BPR69	Fu	6022	Aden	NDK_PYRHO	Fu	6804	guan	2DXF	1WAJ	2DYA	0.8	Sc=5.63523, min distance = 2.022060
DPOL_BPR69	Fu	6022	Aden	O33839_THEMA	1	8977	1dar	1XJE	1CLQ	1XJK	0.8	Sc=5.9388, min distance = 1.7876051
DPOL_BPR69	Fu	6030	Uric	RNMC_MOMCH	Fu	6804	guan	1J1F	1WAJ	1UCD	Sc=6.21298, min distance = 2.002088	
DPOL_BPR69	Fu	6083	ader	NDK_PYRHO	Fu	6804	guan	2DXF	1WAJ	2DXD	0.8	Sc=6.25373, min distance = 2.538638
DPOL_BPR69	Fu	65103	dGT	DPO42_SULSO	Fu	65091	dCT	2ASD	1Q9Y	2JEJ	Sc=5.60855, min distance = 2.665880	
DPOL_BPR69	Fu	73323	Xar	HGXR_TOXGO	Fu	6804	guan	1QK3	1WAJ	1QK5	0.95	Sc=5.91746, min distance = 2.457652
DPOL_BPT7	Fu	23624247		WRBA_ECOLI	Fu	62551	Pen	3B6K	1TK5	3B6I	Sc=5.80535, min distance = 2.017537	
DPP4_HUMAN	Fu	227	anthr	OXLA_AGKRH	Fu	439554	fu	2IID	1TK3	1F8S	Sc=5.80519, min distance = 0.900011	
DPP4_HUMAN	Fu	323	couma	TRFL_BOVIN	Fu	444205	CI	2G93	3BJM	3CRB	Sc=5.75539, min distance = 1.309462	

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DPP4_HUMAN	Ft	439353	be	TRFL_BOVIN	Fu	444205	CI	2G93	3BJM	2DWJ			Sc=5.64849, min distance = 2.04130
DPP6_HUMAN	Ft	445686	CI	CARP_YEAST	Fu	185698	a1	1DPJ	1XFD	1FQ4			Sc=5.83292, min distance = 1.04854
DPS_STRSU	Fu	10918	Car	OCTC_MOUSE	Fu	23831	HEF	1XL7	2CF7	1XL8			Sc=5.62959, min distance = 1.88835
DPS_STRSU	Fu	64689	bet	O33897_RHOMR	1	23831	HEF	1H0B	2CF7	2BWA			Sc=5.66326, min distance = 1.42734
DPS_STRSU	Fu	8172	Tric	THYX_THEMEA	Fu	23831	HEF	1O28	2CF7	1O26			Sc=5.70525, min distance = 0.40743
DPYD_PIG	Fu	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	1GTE	2R4E	0.97		Sc=6.4433, min distance = 1.909735
DPYD_PIG	Fu	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1GTE	1E39	0.93		Sc=6.43763, min distance = 2.20957
DPYD_PIG	Fu	440141	9i	GSHR_HUMAN	Fu	5886	NADF	3DJJ	1GTH	1GRA			Sc=5.92707, min distance = 1.26513
DPYD_PIG	Fu	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1GTE	1QJD	0.98		Sc=6.43744, min distance = 2.30287
DPYD_PIG	Fu	446013	1,	O28603_ARCFU	1	444188	CI	1JNR	1GTE	1JNZ	0.94		Sc=6.44609, min distance = 2.22779
DPYD_PIG	Fu	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1GTE	1SZG	0.76		Sc=6.20746, min distance = 2.09297
DPYD_PIG	Fu	449077	CI	FMO1_SCHPO	Fu	444188	CI	2GV8	1GTE	1VQW	1		Sc=6.43887, min distance = 2.04182
DPYD_PIG	Fu	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1GTE	3GRT	0.98		Sc=6.44083, min distance = 2.34371
DRTS_PLAFK	Ft	126941	me	DYR_HUMAN	Fu	5886	NADF	1KMS	1J3K	1U72	32.63		Sc=6.21484, min distance = 1.44809
DRTS_PLAFK	Ft	126941	me	DYR_PNECA	Fu	5886	NADF	2FZI	1J3K	3CD2	31.41		Sc=6.19707, min distance = 2.01879
DRTS_PLAFK	Ft	130731	PT	DYR_HUMAN	Fu	5886	NADF	1KMS	1J3K	1OHJ	32.63		Sc=6.11445, min distance = 1.70407
DRTS_PLAFK	Ft	148138	Lc	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1DYJ	33.93		Sc=6.11588, min distance = 2.02728
DRTS_PLAFK	Ft	158376	Dy	DYR_PNECA	Fu	5886	NADF	2FZI	1J3K	1DAJ	31.41		Sc=5.85601, min distance = 2.24605
DRTS_PLAFK	Ft	165230	1a	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1RA9	33.93		Sc=6.07255, min distance = 2.62506
DRTS_PLAFK	Ft	16741136		DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1RX9	33.93	1	Sc=6.02232, min distance = 2.61584
DRTS_PLAFK	Ft	4369003	C	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1TDR	33.93		Sc=5.73654, min distance = 2.09865
DRTS_PLAFK	Ft	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1J3K	1E7Y			Sc=5.96627, min distance = 2.20486
DRTS_PLAFK	Ft	445175	DZ	DYR_HUMAN	Fu	5886	NADF	1KMS	1J3K	2DHF	32.63		Sc=6.22071, min distance = 1.74808
DRTS_PLAFK	Ft	446006	CI	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1RX4	33.93		Sc=6.22443, min distance = 2.30120
DRTS_PLAFK	Ft	446246	CI	DYR_CANAL	Fu	5886	NADF	1AOE	1J3K	1IA3	33.77		Sc=6.12915, min distance = 1.44861
DRTS_PLAFK	Ft	448303	CI	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1RA3	33.93		Sc=6.14011, min distance = 2.50690
DRTS_PLAFK	Ft	448305	CI	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1RB3	33.93		Sc=6.21164, min distance = 2.47066
DRTS_PLAFK	Ft	448308	CI	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1RC4	33.93		Sc=6.28816, min distance = 2.20756
DRTS_PLAFK	Ft	449049	TA	DYR_PNECA	Fu	5886	NADF	2FZI	1J3K	1VJ3	31.41		Sc=6.22924, min distance = 2.10461
DRTS_PLAFK	Ft	449577	CI	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	6DFR	33.93		Sc=6.18373, min distance = 2.46636
DRTS_PLAFK	Ft	6037	foli	DYR_HUMAN	Fu	5886	NADF	1KMS	1J3K	1DRF	32.63		Sc=6.17201, min distance = 2.37624
DRTS_PLAFK	Ft	6037	foli	DYR_PNECA	Fu	5886	NADF	2FZI	1J3K	2CD2	31.41		Sc=5.72724, min distance = 2.00021
DRTS_PLAFK	Ft	6540275	i	DYR_MYCTU	Fu	5886	NADF	1DF7	1J3K	2CIG	33.66	0.93	Sc=6.433, min distance = 2.3833742
DRTS_PLAFK	Ft	72440	D-A	DYR_ECOLI	Fu	5886	NADF	1RA2	1J3K	1DDS	33.93		Sc=6.21171, min distance = 1.96957
DRTS_PLAFK	Ft	93114	Opr	DRTS_PLAVI	Fu	4993	pyri	2BL9	1J3J	2BLC	69.16	0.92	Sc=6.10404, min distance = 2.27737
DRTS_PLAVI	Ft	126941	me	DYR_ECOLI	Fu	5886	NADF	1RA2	2BL9	4DFR	29.63		Sc=5.61328, min distance = 2.12119
DRTS_PLAVI	Ft	126941	me	DYR_PNECA	Fu	5886	NADF	2FZI	2BL9	3CD2	31.94		Sc=5.61909, min distance = 2.79563

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DRTS_PLAVI	Ft	130731	PT	DYR_HUMAN	Ful	5886	NADF	1KMS	2BL9	1OHJ	32.98		Sc=6.01575, min distance = 2.12384
DRTS_PLAVI	Ft	3080718	C	DYR_CHICK	Ful	5886	NADF	8DFR	2BL9	1DR2	31.91	0.9	Sc=6.79144, min distance = 2.43986
DRTS_PLAVI	Ft	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2BL9	1E7Y			Sc=5.9406, min distance = 2.298451
DRTS_PLAVI	Ft	446246	CI	DYR_CANAL	Ful	5886	NADF	1AOE	2BL9	1IA3	31.25		Sc=6.13745, min distance = 1.99967
DRTS_PLAVI	Ft	448308	CI	DYR_ECOLI	Ful	5886	NADF	1RA2	2BL9	1RC4	29.63		Sc=6.28833, min distance = 2.45563
DRTS_PLAVI	Ft	449049	TA	DYR_PNECA	Ful	5886	NADF	2FZI	2BL9	1VJ3	31.94		Sc=6.06177, min distance = 2.42959
DRTS_TRYCR	Ft	126941	me	DYR_ECOLI	Ful	5886	NADF	1RA2	2H2Q	4DFR			Sc=5.73974, min distance = 2.02838
DRTS_TRYCR	Ft	126941	me	DYR_PNECA	Ful	5886	NADF	2FZI	2H2Q	3CD2			Sc=6.21541, min distance = 1.76300
DRTS_TRYCR	Ft	148138	Lc	DYR_ECOLI	Ful	5886	NADF	1RA2	2H2Q	1DYJ			Sc=6.11797, min distance = 2.05836
DRTS_TRYCR	Ft	158376	Dy	DYR_PNECA	Ful	5886	NADF	2FZI	2H2Q	1DAJ			Sc=5.87064, min distance = 1.91000
DRTS_TRYCR	Ft	4369030	C	DYR_ECOLI	Ful	5886	NADF	1RA2	2H2Q	1RX5			Sc=6.18615, min distance = 2.41570
DRTS_TRYCR	Ft	445175	DZ	DYR_ECOLI	Ful	5886	NADF	1RA2	2H2Q	1DYH			Sc=5.89808, min distance = 1.24173
DRTS_TRYCR	Ft	449049	TA	DYR_PNECA	Ful	5886	NADF	2FZI	2H2Q	1VJ3			Sc=6.1949, min distance = 2.409558
DRTS_TRYCR	Ft	5288461	A	DYR_PNECA	Ful	5886	NADF	2FZI	2H2Q	1E26			Sc=5.89627, min distance = 1.74863
DRTS_TRYCR	Ft	6037	foli	DYR_PNECA	Ful	5886	NADF	2FZI	2H2Q	2CD2			Sc=5.74715, min distance = 1.78071
DRTS_TRYCR	Ft	72440	D-A	DYR_ECOLI	Ful	5886	NADF	1RA2	2H2Q	1DDS			Sc=6.18364, min distance = 2.02396
DSBA_ECOLI	Ft	444397	He	RCEL_RHOSH	Fu	8182	DODE	2JIY	1TI1	1RZH			Sc=5.67964, min distance = 2.31422
DSBA_ECOLI	Ft	444397	He	RCEM_RHOSH	Fu	8182	DODE	2JIY	1TI1	1RZH			Sc=5.66724, min distance = 2.34153
DUS18_HUMAN	I	445939	1c	PPTA_ECOLI	Fu	23831	HEP	1GYX	2ESB	1GYX			Sc=5.83709, min distance = 2.17824
DUT_EBV	Full	145729	1c	DUT_MYCTU	Ful	448381	2'	1SIX	2BT1	1SLH	0.98		Sc=6.27556, min distance = 2.55764
DUT_EBV	Full	445527	DU	DUT_MYCTU	Ful	448381	2'	1SIX	2BT1	1SM8	0.98		Sc=5.67493, min distance = 2.40596
DXR_ECOLI	Fu	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1Q0Q	1QYW			Sc=6.37786, min distance = 2.28350
DXR_ECOLI	Fu	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	1Q0Q	1DRW	0.91		Sc=6.75955, min distance = 2.17170
DXR_MYCTU	Fu	16129587		G3PA_SPIOL	Fu	5886	NADF	1RM4	2JD1	2PKR			Sc=6.75765, min distance = 1.99135
DXR_MYCTU	Fu	16741136		DYR_ECOLI	Ful	5886	NADF	1RA2	2JD1	1RX9	1		Sc=5.92099, min distance = 2.00842
DXR_MYCTU	Fu	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2JD1	1QYW			Sc=6.32378, min distance = 2.14275
DXR_MYCTU	Fu	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2JD1	1DRW	0.91		Sc=6.00262, min distance = 2.19401
DXR_MYCTU	Fu	443201	DC	DXR_ECOLI	Ful	572	fosmi	1Q0H	2JCZ	1Q0Q			Sc=5.80589, min distance = 2.50367
DXR_ZYMMO	Fu	5893	nadi	G6PD_LEUME	Fu	440141	9i	1E7Y	1R0L	1H9A			Sc=6.26777, min distance = 1.82827
DXS_DEIRA	Fu	124687	1r	ODP1_ECOLI	Fu	1132	thia	1L8A	201X	1RP7	0.79		Sc=6.03133, min distance = 1.93325
DXS_DEIRA	Fu	24836827		BZNB_PSEFL	Fu	1132	thia	2UZ1	201X	3D7K			Sc=5.99527, min distance = 1.96783
DXS_DEIRA	Fu	444421	CI	MDLC_PSEPU	Fu	1132	thia	1BFD	201X	2FWN	0.82		Sc=6.46346, min distance = 2.39604
DXS_DEIRA	Fu	445886	CI	TKT1_YEAST	Fu	1132	thia	1TRK	201X	1GPU	0.91		Sc=6.54563, min distance = 2.21024
DXS_DEIRA	Fu	448671	2-	ILVB_YEAST	Fu	1132	thia	1NOH	201X	1T9B			Sc=5.86422, min distance = 2.58120
DXS_DEIRA	Fu	448673	PE	ILVB_YEAST	Fu	1132	thia	1NOH	201X	1T9B			Sc=5.81659, min distance = 2.61812
DXS_DEIRA	Fu	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	201X	1TKA			Sc=6.45314, min distance = 2.48625
DXS_DEIRA	Fu	448722	1t	TKT1_YEAST	Fu	1132	thia	1TRK	201X	1TKB	0.78		Sc=6.45085, min distance = 2.40056

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DXS_DEIRA	Fu: 448723	1t	TKT1_YEAST	Fu: 1132	thia	1TRK	201X	1TKC	0.77	Sc=6.49251, min distance = 2.541921
DXS_DEIRA	Fu: 6102750	1t	ODBA_HUMAN	Fu: 1132	thia	2BFD	201X	2BEV	0.9	Sc=6.60557, min distance = 2.141386
DXS_DEIRA	Fu: 6518187	2t	POXB_LACPL	Fu: 1132	thia	2EZ4	201X	2EZ8	0.87	Sc=6.14564, min distance = 2.473926
DXS_ECOLI	Fu: 124687	1t	ODP1_ECOLI	Fu: 1132	thia	1L8A	201S	1RP7	0.79	Sc=6.42467, min distance = 2.180935
DXS_ECOLI	Fu: 445886	CI	TKT1_YEAST	Fu: 1132	thia	1TRK	201S	1GPU	0.91	Sc=6.0402, min distance = 2.623690
DXS_ECOLI	Fu: 448671	2t	ILVB_YEAST	Fu: 1132	thia	1N0H	201S	1T9B		Sc=5.81104, min distance = 2.637684
DXS_ECOLI	Fu: 448673	PE	ILVB_YEAST	Fu: 1132	thia	1N0H	201S	1T9B		Sc=5.67313, min distance = 2.486112
DXS_ECOLI	Fu: 448721	N3	TKT1_YEAST	Fu: 1132	thia	1TRK	201S	1TKA		Sc=6.37773, min distance = 2.686915
DXS_ECOLI	Fu: 448722	1t	TKT1_YEAST	Fu: 1132	thia	1TRK	201S	1TKB	0.78	Sc=6.3729, min distance = 2.644657
DXS_ECOLI	Fu: 448723	1t	TKT1_YEAST	Fu: 1132	thia	1TRK	201S	1TKC	0.77	Sc=6.42189, min distance = 2.476846
DXS_ECOLI	Fu: 6102647	C	ODBA_HUMAN	Fu: 1132	thia	2BFD	201S	1WCI	0.9	Sc=6.56873, min distance = 2.106821
DXS_ECOLI	Fu: 6102749	T	ODBA_HUMAN	Fu: 1132	thia	2BFD	201S	2J9F	0.92	Sc=6.53539, min distance = 2.045665
DXS_ECOLI	Fu: 6102750	T	ODBA_HUMAN	Fu: 1132	thia	2BFD	201S	2BEV	0.9	Sc=6.56359, min distance = 1.991294
DXS_ECOLI	Fu: 6102751	T	ODBA_HUMAN	Fu: 1132	thia	2BFD	201S	2BEW	0.76	Sc=6.62232, min distance = 2.120606
DYR1A_HUMAN	1	23624247	WRBA_ECOLI	Fu: 62551	Pen	3B6K	2VX3	3B6I		Sc=5.72718, min distance = 0
DYR_CANAL	Fu: 126941	me	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	4DFR	34.9	Sc=5.62129, min distance = 2.411212
DYR_CANAL	Fu: 126941	me	DYR_PNECA	Fu: 5886	NADF	2FZI	1AOE	3CD2	36.1	Sc=5.80952, min distance = 2.777677
DYR_CANAL	Fu: 130731	PT	DYR_HUMAN	Fu: 5886	NADF	1KMS	1AOE	1OHJ	31.75	Sc=6.0402, min distance = 2.216676
DYR_CANAL	Fu: 15942680		6PGD_LACLM	Fu: 5886	NADF	2IZ0	1AOE	2IZ1		Sc=6.28155, min distance = 2.278527
DYR_CANAL	Fu: 165230	1a	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	1RA9	34.9	Sc=6.53133, min distance = 2.108046
DYR_CANAL	Fu: 16741136		DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	1RX9	34.9	1 Sc=6.4913, min distance = 2.567740
DYR_CANAL	Fu: 3080718	C	DYR_CHICK	Fu: 5886	NADF	8DFR	1AOE	1DR2	38.56	0.9 Sc=6.81093, min distance = 2.364874
DYR_CANAL	Fu: 4369003	C	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	1TDR	34.9	Sc=5.6452, min distance = 2.015101
DYR_CANAL	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	1AOE	1E7Y		Sc=6.47542, min distance = 1.695239
DYR_CANAL	Fu: 445175	D2	DYR_HUMAN	Fu: 5886	NADF	1KMS	1AOE	2DHF	31.75	Sc=5.85742, min distance = 1.583865
DYR_CANAL	Fu: 446006	CI	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	1RX4	34.9	Sc=6.34164, min distance = 2.172559
DYR_CANAL	Fu: 448303	CI	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	1RA3	34.9	Sc=6.59874, min distance = 1.780940
DYR_CANAL	Fu: 448305	CI	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	1RB3	34.9	Sc=6.6481, min distance = 2.263315
DYR_CANAL	Fu: 449049	TA	DYR_PNECA	Fu: 5886	NADF	2FZI	1AOE	1VJ3	36.1	Sc=6.09318, min distance = 2.702180
DYR_CANAL	Fu: 449577	CI	DYR_ECOLI	Fu: 5886	NADF	1RA2	1AOE	6DFR	34.9	Sc=6.63414, min distance = 2.235626
DYR_CHICK	Fu: 165230	1a	DYR_ECOLI	Fu: 5886	NADF	1RA2	8DFR	1RA9	30.77	Sc=5.74588, min distance = 2.246199
DYR_CHICK	Fu: 292661	2,	PTR1_LEIMA	Fu: 445040	6-1E92		1DR1	1W0C		Sc=5.99137, min distance = 2.785710
DYR_CHICK	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	8DFR	1E7Y		Sc=6.38, min distance = 2.339047669
DYR_CHICK	Fu: 449049	TA	DYR_PNECA	Fu: 5886	NADF	2FZI	8DFR	1VJ3	37.07	Sc=6.13938, min distance = 2.281854
DYR_CHICK	Fu: 449577	CI	DYR_ECOLI	Fu: 5886	NADF	1RA2	8DFR	6DFR	30.77	Sc=6.15934, min distance = 2.418044
DYR_CHICK	Fu: 6540275	1	DYR_MYCTU	Fu: 5886	NADF	1DF7	8DFR	2CIG	33.57	0.93 Sc=6.13053, min distance = 2.066045
DYR_ECOLI	Fu: 11987844		DYR_MOUSE	Fu: 126941	me	1U70	4DFR	2FZJ		Sc=6.4102, min distance = 2.141072

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DYR_ECOLI	Ful: 130731	PT	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1OHJ	29.41	0.78	Sc=6.47942, min distance = 1.732309
DYR_ECOLI	Ful: 130731	PT	DYR_HUMAN	Ful: 5886	NADF	1KMS	1RA2	1OHJ	29.41		Sc=6.11514, min distance = 2.098377
DYR_ECOLI	Ful: 130731	PT	DYR_HUMAN	Ful: 6037	foli	1DRF	1RA2	1OHJ	29.41	0.8	Sc=6.18611, min distance = 2.265156
DYR_ECOLI	Ful: 158376	Dp	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1HFP	29.41		Sc=6.60285, min distance = 1.472451
DYR_ECOLI	Ful: 158376	Dp	DYR_HUMAN	Ful: 6037	foli	1DRF	1RA2	1HFP	29.41		Sc=6.12515, min distance = 2.205401
DYR_ECOLI	Ful: 158376	Dp	DYR_PNECA	Ful: 5886	NADF	2FZI	1RA2	1DAJ	30.64		Sc=5.81723, min distance = 2.493753
DYR_ECOLI	Ful: 158376	Dp	DYR_PNECA	Ful: 6037	foli	2CD2	1RA2	1DAJ	30.64		Sc=5.78919, min distance = 2.607329
DYR_ECOLI	Ful: 2429	BROM	DYR_MYCTU	Ful: 126941	me	1DF7	4DFR	1DG7	41.67		Sc=6.19033, min distance = 2.185007
DYR_ECOLI	Ful: 3080718	C	DYR_CHICK	Ful: 5886	NADF	8DFR	1RA2	1DR2	30.77	0.9	Sc=6.07158, min distance = 2.298427
DYR_ECOLI	Ful: 444617	AI	DYR_HUMAN	Ful: 126941	me	1U72	4DFR	1BOZ	29.41		Sc=6.31046, min distance = 1.999848
DYR_ECOLI	Ful: 444617	AI	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1BOZ	29.41		Sc=6.28348, min distance = 2.913850
DYR_ECOLI	Ful: 444617	AI	DYR_HUMAN	Ful: 6037	foli	1DRF	1RA2	1BOZ	29.41		Sc=6.27537, min distance = 2.655616
DYR_ECOLI	Ful: 446246	CI	DYR_CANAL	Ful: 5886	NADF	1AOE	1RA2	1IA3	34.9		Sc=6.14738, min distance = 1.068877
DYR_ECOLI	Ful: 446744	Pt	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	1KLK	30.64		Sc=6.40351, min distance = 1.988673
DYR_ECOLI	Ful: 446744	Pt	DYR_PNECA	Ful: 6037	foli	2CD2	1RA2	1KLK	30.64		Sc=6.40899, min distance = 2.553260
DYR_ECOLI	Ful: 446753	1k	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1KMV	29.41		Sc=6.26472, min distance = 2.814748
DYR_ECOLI	Ful: 447021	AI	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	1LY3	30.64		Sc=6.23906, min distance = 2.330216
DYR_ECOLI	Ful: 447022	CI	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	1LY4	30.64		Sc=6.28068, min distance = 2.265640
DYR_ECOLI	Ful: 447022	CI	DYR_PNECA	Ful: 6037	foli	2CD2	1RA2	1LY4	30.64		Sc=6.22198, min distance = 2.984638
DYR_ECOLI	Ful: 447229	AI	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1MVT	29.41		Sc=6.25363, min distance = 3.137417
DYR_ECOLI	Ful: 448492	TQ	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1S3U	29.41		Sc=6.21911, min distance = 2.519898
DYR_ECOLI	Ful: 448493	TQ	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1S3V	29.41		Sc=6.20876, min distance = 2.714083
DYR_ECOLI	Ful: 448494	CI	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	1S3Y	30.64		Sc=6.22737, min distance = 2.365739
DYR_ECOLI	Ful: 490573	Di	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	2FZH	30.64		Sc=6.38661, min distance = 2.413084
DYR_ECOLI	Ful: 5288461	A	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	1E26	30.64	0.83	Sc=5.8313, min distance = 2.1571309
DYR_ECOLI	Ful: 54369	Pir	DYR_HUMAN	Ful: 126941	me	1U72	4DFR	1U71	29.41		Sc=6.30385, min distance = 1.991359
DYR_ECOLI	Ful: 54369	Pir	DYR_HUMAN	Ful: 445175	DZ	2DHF	1DYH	1U71	29.41		Sc=6.27537, min distance = 2.716216
DYR_ECOLI	Ful: 5578	trin	DYR_MYCTU	Ful: 126941	me	1DF7	4DFR	1DG5	41.67		Sc=6.17209, min distance = 2.232476
DYR_ECOLI	Ful: 5578	trin	DYR_PNECA	Ful: 126941	me	3CD2	4DFR	1DYR	30.64		Sc=6.13712, min distance = 2.501646
DYR_ECOLI	Ful: 5578	trin	DYR_PNECA	Ful: 6037	foli	2CD2	1RA2	1DYR	30.64		Sc=6.09202, min distance = 3.034689
DYR_HUMAN	Ful: 11987843		DYR_PNECA	Ful: 126941	me	3CD2	1U72	2FZI	37.44		Sc=6.46111, min distance = 2.385519
DYR_HUMAN	Ful: 11987843		DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	2FZI	37.44		Sc=6.43096, min distance = 2.228068
DYR_HUMAN	Ful: 148138	Lc	DYR_ECOLI	Ful: 126941	me	4DFR	1U72	1DYJ	29.41		Sc=6.57355, min distance = 2.460794
DYR_HUMAN	Ful: 148138	Lc	DYR_ECOLI	Ful: 445175	DZ	1DYH	2DHF	1DYJ	29.41		Sc=6.57994, min distance = 2.424063
DYR_HUMAN	Ful: 148138	Lc	DYR_ECOLI	Ful: 6037	foli	1RA2	1DRF	1DYJ	29.41		Sc=6.57355, min distance = 2.487406
DYR_HUMAN	Ful: 15942680		6PGD_LACLM	Ful: 5886	NADF	2IZ0	1KMS	2IZ1			Sc=5.74617, min distance = 2.045929
DYR_HUMAN	Ful: 2429	BROM	DYR_MYCTU	Ful: 126941	me	1DF7	1U72	1DG7	36.36		Sc=6.20928, min distance = 2.316270

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DYR_HUMAN	Fu: 4369003	C	DYR_ECOLI	Ful: 126941	me	4DFR	1U72	1TDR	29.41		Sc=6.19707, min distance = 2.331714
DYR_HUMAN	Fu: 4369003	C	DYR_ECOLI	Ful: 445175	DZ	1DYH	2DHF	1TDR	29.41		Sc=6.19632, min distance = 2.015290
DYR_HUMAN	Fu: 4369003	C	DYR_ECOLI	Ful: 6037	foli	1RA2	1DRF	1TDR	29.41		Sc=5.89688, min distance = 2.421638
DYR_HUMAN	Fu: 4369030	C	DYR_ECOLI	Ful: 126941	me	4DFR	1U72	1RX5	29.41		Sc=6.63423, min distance = 2.485769
DYR_HUMAN	Fu: 4369030	C	DYR_ECOLI	Ful: 445175	DZ	1DYH	2DHF	1RX5	29.41		Sc=6.64582, min distance = 2.440951
DYR_HUMAN	Fu: 4369030	C	DYR_ECOLI	Ful: 6037	foli	1RA2	1DRF	1RX5	29.41		Sc=6.65544, min distance = 2.770950
DYR_HUMAN	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	1KMS	1E7Y			Sc=5.96389, min distance = 2.360607
DYR_HUMAN	Fu: 446744	Pt	DYR_PNECA	Ful: 126941	me	3CD2	1U72	1KLK	37.44		Sc=6.46262, min distance = 2.211287
DYR_HUMAN	Fu: 446744	Pt	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	1KLK	37.44		Sc=6.48975, min distance = 2.269948
DYR_HUMAN	Fu: 446744	Pt	DYR_PNECA	Ful: 6037	foli	2CD2	1DRF	1KLK	37.44		Sc=6.53426, min distance = 2.378999
DYR_HUMAN	Fu: 447021	AI	DYR_PNECA	Ful: 126941	me	3CD2	1U72	1LY3	37.44		Sc=6.29859, min distance = 2.288109
DYR_HUMAN	Fu: 447021	AI	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	1LY3	37.44		Sc=6.23132, min distance = 2.694482
DYR_HUMAN	Fu: 447021	AI	DYR_PNECA	Ful: 6037	foli	2CD2	1DRF	1LY3	37.44		Sc=6.29859, min distance = 2.373586
DYR_HUMAN	Fu: 447022	CI	DYR_PNECA	Ful: 126941	me	3CD2	1U72	1LY4	37.44		Sc=6.33398, min distance = 2.210941
DYR_HUMAN	Fu: 447022	CI	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	1LY4	37.44		Sc=6.24911, min distance = 2.817349
DYR_HUMAN	Fu: 447022	CI	DYR_PNECA	Ful: 6037	foli	2CD2	1DRF	1LY4	37.44		Sc=6.33807, min distance = 2.328559
DYR_HUMAN	Fu: 447238	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1U72	1RF7	29.41	0.86	Sc=6.11936, min distance = 2.500229
DYR_HUMAN	Fu: 447238	CI	DYR_ECOLI	Ful: 6037	foli	1RA2	1DRF	1RF7	29.41	0.96	Sc=6.10871, min distance = 2.585219
DYR_HUMAN	Fu: 448303	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1KMS	1RA3	29.41		Sc=5.83463, min distance = 2.153552
DYR_HUMAN	Fu: 448307	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1U72	1RC4	29.41		Sc=6.19608, min distance = 2.556507
DYR_HUMAN	Fu: 448307	CI	DYR_ECOLI	Ful: 445175	DZ	1DYH	2DHF	1RC4	29.41		Sc=6.19212, min distance = 2.603069
DYR_HUMAN	Fu: 448307	CI	DYR_ECOLI	Ful: 6037	foli	1RA2	1DRF	1RC4	29.41		Sc=6.20416, min distance = 2.553416
DYR_HUMAN	Fu: 449049	TA	DYR_PNECA	Ful: 126941	me	3CD2	1U72	1VJ3	37.44		Sc=6.1209, min distance = 2.6020309
DYR_HUMAN	Fu: 449049	TA	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	1VJ3	37.44		Sc=6.15853, min distance = 2.419529
DYR_HUMAN	Fu: 449049	TA	DYR_PNECA	Ful: 5886	NADF	2FZI	1KMS	1VJ3	37.44		Sc=6.2062, min distance = 2.0940939
DYR_HUMAN	Fu: 449049	TA	DYR_PNECA	Ful: 6037	foli	2CD2	1DRF	1VJ3	37.44		Sc=6.19981, min distance = 2.244986
DYR_HUMAN	Fu: 490573	Di	DYR_PNECA	Ful: 126941	me	3CD2	1U72	2FZH	37.44		Sc=6.40803, min distance = 2.315474
DYR_HUMAN	Fu: 490573	Di	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	2FZH	37.44		Sc=6.38357, min distance = 2.428819
DYR_HUMAN	Fu: 5288461	A	DYR_PNECA	Ful: 126941	me	3CD2	1U72	1E26	37.44	0.83	Sc=6.14236, min distance = 2.642349
DYR_HUMAN	Fu: 5288461	A	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	1E26	37.44		Sc=6.1444, min distance = 2.5730460
DYR_HUMAN	Fu: 5578	trin	DYR_MYCTU	Ful: 126941	me	1DF7	1U72	1DG5	36.36		Sc=6.1937, min distance = 2.5070349
DYR_HUMAN	Fu: 5578	trin	DYR_PNECA	Ful: 126941	me	3CD2	1U72	1DYR	37.44		Sc=6.17763, min distance = 2.522649
DYR_HUMAN	Fu: 5578	trin	DYR_PNECA	Ful: 158376	Dp	1DAJ	1HFP	1DYR	37.44		Sc=6.12521, min distance = 2.723364
DYR_HUMAN	Fu: 5578	trin	DYR_PNECA	Ful: 6037	foli	2CD2	1DRF	1DYR	37.44		Sc=6.18109, min distance = 2.169352
DYR_LACCA	Fu: 11987843		DYR_PNECA	Ful: 126941	me	3CD2	3DFR	2FZI			Sc=6.45007, min distance = 2.336578
DYR_LACCA	Fu: 11987844		DYR_MOUSE	Ful: 126941	me	1U70	3DFR	2FZI			Sc=6.44442, min distance = 2.549398
DYR_LACCA	Fu: 148138	Lc	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1DYJ			Sc=6.11295, min distance = 2.467009

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DYR_LACCA	Fu: 165230	1d	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RA9		Sc=6.50791, min distance = 2.365430
DYR_LACCA	Fu: 16741136		DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RX9		Sc=6.46641, min distance = 2.441987
DYR_LACCA	Fu: 2429	BROM	DYR_MYCTU	Ful: 126941	me	1DF7	3DFR	1DG7		Sc=6.1937, min distance = 2.3116578
DYR_LACCA	Fu: 24798731		DYR_MOUSE	Ful: 126941	me	1U70	3DFR	3D84		Sc=6.80321, min distance = 2.078789
DYR_LACCA	Fu: 4369003	C	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1TDR		Sc=5.68822, min distance = 2.728780
DYR_LACCA	Fu: 4369030	C	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RX5		Sc=6.1975, min distance = 2.5099730
DYR_LACCA	Fu: 444617	AI	DYR_HUMAN	Ful: 126941	me	1U72	3DFR	1BOZ		Sc=6.3264, min distance = 2.4281319
DYR_LACCA	Fu: 445175	DZ	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1DYH	0.85	Sc=6.19759, min distance = 2.430436
DYR_LACCA	Fu: 446744	Pt	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	1KLK		Sc=6.43941, min distance = 2.778650
DYR_LACCA	Fu: 446753	1k	DYR_HUMAN	Ful: 126941	me	1U72	3DFR	1KMV		Sc=6.34032, min distance = 2.584589
DYR_LACCA	Fu: 447021	AI	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	1LY3		Sc=6.26689, min distance = 2.618639
DYR_LACCA	Fu: 447022	CI	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	1LY4		Sc=6.31163, min distance = 2.475310
DYR_LACCA	Fu: 447229	AI	DYR_HUMAN	Ful: 126941	me	1U72	3DFR	1MVT		Sc=6.33836, min distance = 2.459184
DYR_LACCA	Fu: 447238	CI	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RF7	0.86	Sc=6.57207, min distance = 2.303376
DYR_LACCA	Fu: 448303	CI	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RA3		Sc=6.59019, min distance = 2.280186
DYR_LACCA	Fu: 448305	CI	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RB3		Sc=6.6539, min distance = 1.6718926
DYR_LACCA	Fu: 448307	CI	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RC4		Sc=5.90869, min distance = 2.309660
DYR_LACCA	Fu: 448492	TQ	DYR_HUMAN	Ful: 126941	me	1U72	3DFR	1S3U		Sc=6.28624, min distance = 2.244116
DYR_LACCA	Fu: 448493	TQ	DYR_HUMAN	Ful: 126941	me	1U72	3DFR	1S3V		Sc=6.28624, min distance = 2.441622
DYR_LACCA	Fu: 448494	CI	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	1S3Y		Sc=6.23285, min distance = 2.818710
DYR_LACCA	Fu: 449049	TA	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	1VJ3		Sc=6.13447, min distance = 2.370790
DYR_LACCA	Fu: 449577	CI	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	6DFR		Sc=6.61848, min distance = 2.339720
DYR_LACCA	Fu: 490573	Di	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	2FZH		Sc=6.40312, min distance = 2.621350
DYR_LACCA	Fu: 54369	Pir	DYR_HUMAN	Ful: 126941	me	1U72	3DFR	1U71		Sc=6.33492, min distance = 2.343330
DYR_LACCA	Fu: 5578	trin	DYR_MYCTU	Ful: 126941	me	1DF7	3DFR	1DG5		Sc=6.18446, min distance = 2.571528
DYR_LACCA	Fu: 5578	trin	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	1DYR		Sc=6.16581, min distance = 2.758744
DYR_LACCA	Fu: 5886	NADP	DYR_ECOLI	Ful: 126941	me	4DFR	3DFR	1RA2		Sc=6.80824, min distance = 2.380558
DYR_LACCA	Fu: 5886	NADP	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	2FZI		Sc=6.80321, min distance = 2.120659
DYR_LACCA	Fu: 6037	foli	DYR_PNECA	Ful: 126941	me	3CD2	3DFR	2CD2	0.88	Sc=6.16331, min distance = 2.233164
DYR_MOUSE	Fu: 2429	BROM	DYR_MYCTU	Ful: 126941	me	1DF7	1U70	1DG7		Sc=6.21548, min distance = 2.283569
DYR_MOUSE	Fu: 4369003	C	DYR_ECOLI	Ful: 126941	me	4DFR	1U70	1TDR		Sc=6.1945, min distance = 2.2916764
DYR_MOUSE	Fu: 445175	DZ	DYR_ECOLI	Ful: 126941	me	4DFR	1U70	1DYH	0.85	Sc=6.626, min distance = 2.16999838
DYR_MOUSE	Fu: 445175	DZ	DYR_HUMAN	Ful: 126941	me	1U72	1U70	2DHF	0.85	Sc=6.16173, min distance = 2.012819
DYR_MOUSE	Fu: 447022	CI	DYR_PNECA	Ful: 126941	me	3CD2	1U70	1LY4		Sc=6.34104, min distance = 2.222380
DYR_MOUSE	Fu: 447238	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1U70	1RF7	0.86	Sc=6.10827, min distance = 2.354630
DYR_MOUSE	Fu: 448303	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1U70	1RA3		Sc=6.12502, min distance = 2.205310
DYR_MOUSE	Fu: 448307	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1U70	1RC4		Sc=6.3187, min distance = 2.3907410

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DYR_MOUSE	Ful: 448450	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1U70	1RX6			Sc=5.85517, min distance = 2.099357
DYR_MOUSE	Ful: 490573	DI	DYR_PNECA	Ful: 126941	me	3CD2	1U70	2FZH			Sc=6.4207, min distance = 2.5681911
DYR_MOUSE	Ful: 5288461	A	DYR_PNECA	Ful: 126941	me	3CD2	1U70	1E26	0.83		Sc=6.15702, min distance = 2.292539
DYR_MOUSE	Ful: 5578	trir	DYR_PNECA	Ful: 126941	me	3CD2	1U70	1DYR			Sc=6.18109, min distance = 2.195572
DYR_MOUSE	Ful: 6037	foli	DYR_PNECA	Ful: 126941	me	3CD2	1U70	2CD2	0.88		Sc=5.88086, min distance = 2.327334
DYR_MYCTU	Ful: 11987843		DYR_PNECA	Ful: 126941	me	3CD2	1DF7	2FZI	32.28		Sc=6.44943, min distance = 2.598390
DYR_MYCTU	Ful: 11987843		DYR_PNECA	Ful: 5578	trir	1DYR	1DG5	2FZI	32.28	0.86	Sc=6.39903, min distance = 2.478947
DYR_MYCTU	Ful: 11987844		DYR_MOUSE	Ful: 126941	me	1U70	1DF7	2FZJ			Sc=6.45653, min distance = 2.346652
DYR_MYCTU	Ful: 130731	PT	DYR_HUMAN	Ful: 126941	me	1U72	1DF7	1OHJ	36.36	0.89	Sc=6.53197, min distance = 2.618911
DYR_MYCTU	Ful: 148138	Lc	DYR_ECOLI	Ful: 126941	me	4DFR	1DF7	1DYJ	41.67		Sc=6.64961, min distance = 1.937332
DYR_MYCTU	Ful: 158376	Dy	DYR_PNECA	Ful: 5886	NADF	2FZI	1DF7	1DAJ	32.28		Sc=6.15067, min distance = 2.185300
DYR_MYCTU	Ful: 15942680		6PGD_LACLM	Ful: 5886	NADF	2IZ0	1DF7	2IZ1			Sc=6.20345, min distance = 2.756467
DYR_MYCTU	Ful: 165230	1a	DYR_ECOLI	Ful: 5886	NADF	1RA2	1DF7	1RA9	41.67		Sc=6.50791, min distance = 2.613077
DYR_MYCTU	Ful: 16741136		DYR_ECOLI	Ful: 5886	NADF	1RA2	1DF7	1RX9	41.67	1	Sc=6.45591, min distance = 2.707871
DYR_MYCTU	Ful: 4369003	C	DYR_ECOLI	Ful: 126941	me	4DFR	1DF7	1TDR	41.67		Sc=5.9025, min distance = 2.3411879
DYR_MYCTU	Ful: 4369030	C	DYR_ECOLI	Ful: 126941	me	4DFR	1DF7	1RX5	41.67		Sc=6.19532, min distance = 2.252550
DYR_MYCTU	Ful: 444617	AI	DYR_HUMAN	Ful: 126941	me	1U72	1DF7	1BOZ	36.36		Sc=6.34104, min distance = 2.212296
DYR_MYCTU	Ful: 445175	DZ	DYR_ECOLI	Ful: 126941	me	4DFR	1DF7	1DYH	41.67	0.85	Sc=6.64384, min distance = 1.898219
DYR_MYCTU	Ful: 445175	DZ	DYR_HUMAN	Ful: 126941	me	1U72	1DF7	2DHF	36.36	0.85	Sc=6.1915, min distance = 2.0303300
DYR_MYCTU	Ful: 445175	DZ	DYR_HUMAN	Ful: 5886	NADF	1KMS	1DF7	2DHF	36.36		Sc=6.20899, min distance = 2.140542
DYR_MYCTU	Ful: 446246	CI	DYR_CANAL	Ful: 5886	NADF	1AOE	1DF7	1IA3	34		Sc=6.59466, min distance = 1.960372
DYR_MYCTU	Ful: 446744	Pt	DYR_PNECA	Ful: 126941	me	3CD2	1DF7	1KLK	32.28		Sc=6.41432, min distance = 2.574971
DYR_MYCTU	Ful: 447021	AI	DYR_PNECA	Ful: 126941	me	3CD2	1DF7	1LY3	32.28		Sc=6.26491, min distance = 2.359408
DYR_MYCTU	Ful: 447238	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1DF7	1RF7	41.67	0.86	Sc=6.58226, min distance = 2.418924
DYR_MYCTU	Ful: 448303	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1DF7	1RA3	41.67		Sc=6.58688, min distance = 2.478818
DYR_MYCTU	Ful: 448305	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1DF7	1RB3	41.67		Sc=6.65479, min distance = 2.339489
DYR_MYCTU	Ful: 448307	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1DF7	1RC4	41.67		Sc=6.19608, min distance = 2.370681
DYR_MYCTU	Ful: 448492	TQ	DYR_HUMAN	Ful: 126941	me	1U72	1DF7	1S3U	36.36		Sc=6.29343, min distance = 2.242319
DYR_MYCTU	Ful: 448494	CI	DYR_PNECA	Ful: 126941	me	3CD2	1DF7	1S3Y	32.28		Sc=6.25297, min distance = 2.650862
DYR_MYCTU	Ful: 448494	CI	DYR_PNECA	Ful: 5578	trir	1DYR	1DG5	1S3Y	32.28		Sc=6.20874, min distance = 2.378004
DYR_MYCTU	Ful: 449049	TA	DYR_PNECA	Ful: 126941	me	3CD2	1DF7	1VJ3	32.28		Sc=6.1949, min distance = 2.3312816
DYR_MYCTU	Ful: 449049	TA	DYR_PNECA	Ful: 5578	trir	1DYR	1DG5	1VJ3	32.28		Sc=6.08092, min distance = 2.264952
DYR_MYCTU	Ful: 449049	TA	DYR_PNECA	Ful: 5886	NADF	2FZI	1DF7	1VJ3	32.28		Sc=6.12611, min distance = 2.548871
DYR_MYCTU	Ful: 449577	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1DF7	6DFR	41.67		Sc=6.6142, min distance = 2.5800224
DYR_MYCTU	Ful: 490573	DI	DYR_PNECA	Ful: 126941	me	3CD2	1DF7	2FZH	32.28		Sc=6.40312, min distance = 2.431951
DYR_MYCTU	Ful: 490573	DI	DYR_PNECA	Ful: 5578	trir	1DYR	1DG5	2FZH	32.28	0.8	Sc=6.36111, min distance = 2.517104
DYR_MYCTU	Ful: 54369	Pir	DYR_HUMAN	Ful: 126941	me	1U72	1DF7	1U71	36.36		Sc=6.3286, min distance = 2.4622416

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DYR_MYCTU	Fu: 6037 foli	DYR_ECOLI	Ful: 126941 me 4DFR	1DF7	1RA2	41.67	0.88	Sc=6.18129, min distance = 2.466905
DYR_MYCTU	Fu: 6037 foli	DYR_PNECA	Ful: 126941 me 3CD2	1DF7	2CD2	32.28	0.88	Sc=6.17415, min distance = 2.337936
DYR_MYCTU	Fu: 6037 foli	DYR_PNECA	Ful: 5578 trir 1DYR	1DG5	2CD2	32.28		Sc=5.80835, min distance = 2.231300
DYR_PNECA	Fu: 11987844	DYR_MOUSE	Ful: 126941 me 1U70	3CD2	2FZJ			Sc=6.42088, min distance = 2.433876
DYR_PNECA	Fu: 130731 PT	DYR_HUMAN	Ful: 5886 NADF 1KMS	2FZI	1OHJ	37.44		Sc=6.10028, min distance = 2.185854
DYR_PNECA	Fu: 130731 PT	DYR_HUMAN	Ful: 6037 foli 1DRF	2CD2	1OHJ	37.44	0.8	Sc=6.54866, min distance = 2.073032
DYR_PNECA	Fu: 148138 Lc	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1DYJ	30.64		Sc=6.13541, min distance = 2.125524
DYR_PNECA	Fu: 148138 Lc	DYR_ECOLI	Ful: 6037 foli 1RA2	2CD2	1DYJ	30.64		Sc=6.09007, min distance = 2.037970
DYR_PNECA	Fu: 15942680	6PGD_LACLM	Fu: 5886 NADF 2IZ0	2FZI	2IZ1			Sc=5.87896, min distance = 0.726042
DYR_PNECA	Fu: 165230 1a	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1RA9	30.64		Sc=6.47599, min distance = 2.194850
DYR_PNECA	Fu: 165230 1a	DYR_ECOLI	Ful: 5886 NADF 1RA2	2FZI	1RA9	30.64		Sc=6.48384, min distance = 2.312610
DYR_PNECA	Fu: 16741136	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1RX9	30.64		Sc=6.4265, min distance = 2.1293776
DYR_PNECA	Fu: 16741136	DYR_ECOLI	Ful: 5886 NADF 1RA2	2FZI	1RX9	30.64	1	Sc=6.43349, min distance = 2.266396
DYR_PNECA	Fu: 16741136	DYR_ECOLI	Ful: 6037 foli 1RA2	2CD2	1RX9	30.64		Sc=6.43349, min distance = 2.220640
DYR_PNECA	Fu: 2429 BRON	DYR_MYCTU	Ful: 126941 me 1DF7	3CD2	1DG7	32.28		Sc=6.19684, min distance = 2.331107
DYR_PNECA	Fu: 3080718 C	DYR_CHICK	Ful: 5886 NADF 8DFR	2FZI	1DR2	37.07	0.9	Sc=6.78984, min distance = 2.560784
DYR_PNECA	Fu: 4369003 C	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1TDR	30.64		Sc=5.88758, min distance = 2.385482
DYR_PNECA	Fu: 4369030 C	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1RX5	30.64		Sc=5.89055, min distance = 2.090460
DYR_PNECA	Fu: 444617 AI	DYR_HUMAN	Ful: 126941 me 1U72	3CD2	1BOZ	37.44		Sc=6.31866, min distance = 2.314696
DYR_PNECA	Fu: 444617 AI	DYR_HUMAN	Ful: 158376 Dp 1HFP	1DAJ	1BOZ	37.44		Sc=6.34918, min distance = 2.059210
DYR_PNECA	Fu: 445175 DZ	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1DYH	30.64	0.85	Sc=6.20369, min distance = 1.839708
DYR_PNECA	Fu: 445175 DZ	DYR_ECOLI	Ful: 6037 foli 1RA2	2CD2	1DYH	30.64	0.94	Sc=5.88414, min distance = 2.030797
DYR_PNECA	Fu: 445175 DZ	DYR_HUMAN	Ful: 5886 NADF 1KMS	2FZI	2DHF	37.44		Sc=5.91237, min distance = 1.230209
DYR_PNECA	Fu: 445175 DZ	DYR_HUMAN	Ful: 6037 foli 1DRF	2CD2	2DHF	37.44	0.94	Sc=6.20167, min distance = 2.259850
DYR_PNECA	Fu: 446006 CI	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1RX4	30.64		Sc=6.30591, min distance = 1.794634
DYR_PNECA	Fu: 446006 CI	DYR_ECOLI	Ful: 5886 NADF 1RA2	2FZI	1RX4	30.64		Sc=6.62635, min distance = 2.324759
DYR_PNECA	Fu: 446246 CI	DYR_CANAL	Ful: 5886 NADF 1AOE	2FZI	1IA3	36.1		Sc=6.55956, min distance = 2.415406
DYR_PNECA	Fu: 446752 SF	DYR_HUMAN	Ful: 158376 Dp 1HFP	1DAJ	1KMS	37.44		Sc=6.38975, min distance = 2.386584
DYR_PNECA	Fu: 446753 1k	DYR_HUMAN	Ful: 126941 me 1U72	3CD2	1KMV	37.44		Sc=6.2974, min distance = 2.571926
DYR_PNECA	Fu: 446753 1k	DYR_HUMAN	Ful: 158376 Dp 1HFP	1DAJ	1KMV	37.44		Sc=6.31284, min distance = 2.356787
DYR_PNECA	Fu: 447229 AI	DYR_HUMAN	Ful: 126941 me 1U72	3CD2	1MVT	37.44		Sc=6.3189, min distance = 2.4279324
DYR_PNECA	Fu: 447229 AI	DYR_HUMAN	Ful: 158376 Dp 1HFP	1DAJ	1MVT	37.44		Sc=6.34884, min distance = 2.141566
DYR_PNECA	Fu: 447238 CI	DYR_ECOLI	Ful: 6037 foli 1RA2	2CD2	1RF7	30.64	0.96	Sc=6.09668, min distance = 2.495928
DYR_PNECA	Fu: 447815 AI	DYR_HUMAN	Ful: 158376 Dp 1HFP	1DAJ	1PD8	37.44		Sc=6.37599, min distance = 2.219097
DYR_PNECA	Fu: 448303 CI	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1RA3	30.64		Sc=6.54791, min distance = 2.170698
DYR_PNECA	Fu: 448303 CI	DYR_ECOLI	Ful: 5886 NADF 1RA2	2FZI	1RA3	30.64		Sc=6.56669, min distance = 2.306577
DYR_PNECA	Fu: 448305 CI	DYR_ECOLI	Ful: 126941 me 4DFR	3CD2	1RB3	30.64		Sc=6.59531, min distance = 2.031802

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DYR_PNECA	Fu: 448305	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	2FZI	1RB3	30.64		Sc=6.62734, min distance = 2.08303
DYR_PNECA	Fu: 448307	CI	DYR_ECOLI	Ful: 6037	foli	1RA2	2CD2	1RC4	30.64		Sc=5.86508, min distance = 2.28327
DYR_PNECA	Fu: 448308	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	2FZI	1RC4	30.64		Sc=6.73683, min distance = 2.42257
DYR_PNECA	Fu: 448493	TQ	DYR_HUMAN	Ful: 126941	me	1U72	3CD2	1S3V	37.44		Sc=6.27762, min distance = 2.38311
DYR_PNECA	Fu: 448493	TQ	DYR_HUMAN	Ful: 158376	Dp	1HFP	1DAJ	1S3V	37.44		Sc=6.31406, min distance = 2.13735
DYR_PNECA	Fu: 449577	CI	DYR_ECOLI	Ful: 126941	me	4DFR	3CD2	6DFR	30.64		Sc=6.59238, min distance = 2.11965
DYR_PNECA	Fu: 449577	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	2FZI	6DFR	30.64		Sc=6.5969, min distance = 2.44773
DYR_PNECA	Fu: 54369	Pir	DYR_HUMAN	Ful: 126941	me	1U72	3CD2	1U71	37.44		Sc=6.31987, min distance = 2.12426
DYR_PNECA	Fu: 54369	Pir	DYR_HUMAN	Ful: 158376	Dp	1HFP	1DAJ	1U71	37.44		Sc=6.35205, min distance = 2.01969
DYR_PNECA	Fu: 6540275	i	DYR_MYCTU	Ful: 5886	NADF	1DF7	2FZI	2CIG	32.28	0.93	Sc=6.42862, min distance = 2.19840
DYR_PNECA	Fu: 72440	D-A	DYR_ECOLI	Ful: 6037	foli	1RA2	2CD2	1DDS	30.64	0.88	Sc=5.89884, min distance = 2.46680
DYR_THEMA	Fu: 11987843		DYR_PNECA	Ful: 126941	me	3CD2	1D1G	2FZI			Sc=6.44206, min distance = 2.34480
DYR_THEMA	Fu: 11987844		DYR_MOUSE	Ful: 126941	me	1U70	1D1G	2FZJ			Sc=6.44442, min distance = 1.95143
DYR_THEMA	Fu: 130731	PT	DYR_HUMAN	Ful: 5886	NADF	1KMS	1D1G	1OHJ			Sc=6.2281, min distance = 2.14567
DYR_THEMA	Fu: 148138	Lc	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1DYJ			Sc=6.55161, min distance = 2.18753
DYR_THEMA	Fu: 15942680		6PGD_LACLM	Fu: 5886	NADF	2IZ0	1D1G	2IZ1			Sc=5.70705, min distance = 2.36890
DYR_THEMA	Fu: 2429	BROM	DYR_MYCTU	Ful: 126941	me	1DF7	1D1G	1DG7			Sc=6.18225, min distance = 2.53584
DYR_THEMA	Fu: 4369003	C	DYR_ECOLI	Ful: 126941	me	4DFR	1D1G	1TDR			Sc=5.69755, min distance = 2.39273
DYR_THEMA	Fu: 4369003	C	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1TDR			Sc=5.68504, min distance = 2.55193
DYR_THEMA	Fu: 4369030	C	DYR_ECOLI	Ful: 126941	me	4DFR	1D1G	1RX5			Sc=6.33251, min distance = 2.57075
DYR_THEMA	Fu: 4369030	C	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1RX5			Sc=6.29016, min distance = 2.14330
DYR_THEMA	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	1D1G	1E7Y			Sc=6.38772, min distance = 2.19168
DYR_THEMA	Fu: 444617	AI	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	1BOZ			Sc=6.33398, min distance = 2.40674
DYR_THEMA	Fu: 445175	DZ	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1DYH			Sc=6.60928, min distance = 2.13728
DYR_THEMA	Fu: 445175	DZ	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	2DHF	0.85		Sc=6.61246, min distance = 2.17838
DYR_THEMA	Fu: 445175	DZ	DYR_HUMAN	Ful: 5886	NADF	1KMS	1D1G	2DHF			Sc=6.63522, min distance = 1.86099
DYR_THEMA	Fu: 446753	1k	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	1KMV			Sc=6.32331, min distance = 2.00689
DYR_THEMA	Fu: 447021	AI	DYR_PNECA	Ful: 126941	me	3CD2	1D1G	1LY3			Sc=6.25142, min distance = 2.51711
DYR_THEMA	Fu: 447229	AI	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	1MVT			Sc=6.32241, min distance = 2.42354
DYR_THEMA	Fu: 447238	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1D1G	1RF7	0.86		Sc=6.55761, min distance = 2.27336
DYR_THEMA	Fu: 447238	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1RF7			Sc=6.5547, min distance = 1.90201
DYR_THEMA	Fu: 448307	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1D1G	1RC4			Sc=6.23541, min distance = 2.55577
DYR_THEMA	Fu: 448307	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1RC4			Sc=6.19516, min distance = 2.20069
DYR_THEMA	Fu: 448308	CI	DYR_ECOLI	Ful: 126941	me	4DFR	1D1G	1RC4			Sc=5.73164, min distance = 1.28578
DYR_THEMA	Fu: 448308	CI	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1RC4			Sc=5.83289, min distance = 1.95990
DYR_THEMA	Fu: 448492	TQ	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	1S3U			Sc=6.28314, min distance = 2.34979
DYR_THEMA	Fu: 448493	TQ	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	1S3V			Sc=6.27663, min distance = 2.46192

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DYR_THEMA	Fu: 448494	Cl	DYR_PNECA	Ful: 126941	me	3CD2	1D1G	1S3Y		Sc=6.23402, min distance = 2.67372
DYR_THEMA	Fu: 490573	Di	DYR_PNECA	Ful: 126941	me	3CD2	1D1G	2FZH		Sc=6.4061, min distance = 2.465544
DYR_THEMA	Fu: 54369	Pir	DYR_HUMAN	Ful: 126941	me	1U72	1D1G	1U71		Sc=6.31987, min distance = 2.12141
DYR_THEMA	Fu: 5578	trin	DYR_MYCTU	Ful: 126941	me	1DF7	1D1G	1DG5		Sc=6.16195, min distance = 2.50158
DYR_THEMA	Fu: 5578	trin	DYR_PNECA	Ful: 126941	me	3CD2	1D1G	1DYR		Sc=6.14361, min distance = 2.14351
DYR_THEMA	Fu: 6037	foli	DYR_HUMAN	Ful: 5886	NADF	1KMS	1D1G	1DRF		Sc=6.64921, min distance = 1.92466
DYR_THEMA	Fu: 72440	D-A	DYR_ECOLI	Ful: 5886	NADF	1RA2	1D1G	1DDS		Sc=6.28807, min distance = 2.68502
E2AK2_HUMAN	1	1400	nche	HCK_HUMAN	Ful: 33113	gar	1AD5	2A19	1QCF	Sc=6.0941, min distance = 1.936758
E2AK2_HUMAN	1	15942671		FAK1_CHICK	Ful: 33113	gar	2J0L	2A19	2J0J	Sc=6.33135, min distance = 2.03637
E2AK2_HUMAN	1	176870	Ex	EGFR_HUMAN	Ful: 33113	gar	2ITN	2A19	1M17	Sc=6.18833, min distance = 1.96770
E2AK2_HUMAN	1	3547	Fasu	ROCK1_HUMAN	Ful: 33113	gar	2V55	2A19	2ESM	Sc=5.90321, min distance = 1.97935
E2AK2_HUMAN	1	3973	nche	PIM1_HUMAN	Ful: 33113	gar	1XR1	2A19	1YI3	Sc=5.87993, min distance = 2.06656
E2AK2_HUMAN	1	446721	Cl	ASSY_THET8	Ful: 33113	gar	1KOR	2A19	1KH2	0.93 Sc=5.9208, min distance = 2.160195
E2AK2_HUMAN	1	448043	2c	ROCK1_HUMAN	Ful: 33113	gar	2V55	2A19	3D9V	Sc=5.97219, min distance = 1.61280
E2AK2_HUMAN	1	5326739	i	GSK3B_HUMAN	Ful: 33113	gar	1J1B	2A19	1Q41	Sc=6.18799, min distance = 2.11803
E2AK2_HUMAN	1	5327121	1	PIM1_HUMAN	Ful: 33113	gar	1XR1	2A19	2C3I	Sc=6.13725, min distance = 2.52316
E2AK2_HUMAN	1	611002	Op	PIM1_HUMAN	Ful: 33113	gar	1XR1	2A19	1YXX	Sc=6.04966, min distance = 1.70336
EBA3_FLAME	Fu: 445184	1		NRAM_I56A2	Ful: 439680	be	1V0Z	1EOM	1W1X	0.89 Sc=5.63826, min distance = 2.51818
EBA3_FLAME	Fu: 64947	alp		LEC1_LATOC	Ful: 439680	be	1LOG	1EOM	1LOA	0.94 Sc=5.64425, min distance = 2.53769
ECOT_ECOLI	Fu: 444279	1s		RCEM_RHOSH	Ful: 445318	n-	4RCR	1ECZ	1RZH	Sc=5.64806, min distance = 1.46334
ECOT_ECOLI	Fu: 447607	1c		PYGM_RABIT	Ful: 79025	alp	1H5U	1ECY	2G9V	Sc=5.60731, min distance = 2.20017
ECOT_ECOLI	Fu: 64960	Pol		XYLA_STRRU	Ful: 79025	alp	1XIF	1ECY	1XIE	0.89 Sc=5.60731, min distance = 2.23608
ECX1_PYRAB	Fu: 445940	06		CDK2_HUMAN	Ful: 6022	Aden	1GY3	2P00	1GZ8	Sc=6.09058, min distance = 1.91747
ECX1_PYRAB	Fu: 446090	1h		NDKC_DICDI	Ful: 6022	Aden	1KDN	2P00	1HIY	0.97 Sc=6.29618, min distance = 2.04620
ECX1_PYRAB	Fu: 4565	1h1		CDK2_HUMAN	Ful: 6022	Aden	1GY3	2P00	1H1R	Sc=5.97183, min distance = 1.49204
ECX1_PYRAB	Fu: 6083	ader		PURP_METJA	Ful: 6022	Aden	2R7N	2P00	2R7M	0.99 Sc=5.74313, min distance = 2.46522
ECX1_PYRAB	Fu: 60961	ade		IPKA_RABIT	Ful: 6022	Aden	1JBP	2P00	1FMO	0.95 Sc=6.1235, min distance = 2.488195
ECX1_PYRAB	Fu: 9994066	4		CDK2_HUMAN	Ful: 6022	Aden	1GY3	2P00	2VTJ	Sc=5.85135, min distance = 2.03375
ECX2_SULSO	Fu: 24180721			PIM1_HUMAN	Ful: 6083	aden	1YXU	2C38	3C4E	Sc=5.86621, min distance = 2.39381
ECX2_SULSO	Fu: 449193	Rc		PDE4B_HUMAN	Ful: 6083	aden	1ROR	2C38	1XMU	Sc=5.88601, min distance = 2.23877
ECX2_SULSO	Fu: 656966	1y		PDE4D_HUMAN	Ful: 6083	aden	1TB7	2C38	1Y2E	Sc=5.6944, min distance = 2.547363
EF1A_YEAST	Fu: 445463	B-		TGM3_HUMAN	Ful: 6804	guan	1SGX	1G7C	1L9N	Sc=6.17322, min distance = 2.41328
EF1A_YEAST	Fu: 6022	Ader		NDK_PYRHO	Ful: 6804	guan	2DXF	1G7C	2DYA	0.8 Sc=5.74013, min distance = 2.26427
EF2_YEAST	Fu: 6804	guar		EF1A_YEAST	Ful: 8977	1dar	2B7B	1U2R	1G7C	0.99 Sc=5.90674, min distance = 2.54633
EFTU1_THET8	1	37792	gar	RAB6B_HUMAN	Ful: 8977	1dar	2E9S	1HA3	2FFQ	0.99 Sc=5.79076, min distance = 2.44896
EFTU1_THET8	1	37792	gar	RB11A_HUMAN	Ful: 8977	1dar	1OIX	1HA3	1OIW	0.99 Sc=6.07603, min distance = 2.46121
EFTU1_THET8	1	445871	Cl	RASH_HUMAN	Ful: 36735	Gpp	1CTQ	2C78	1GNP	Sc=5.6807, min distance = 2.393470

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EFTU1_THET8	1	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1HA3	1IAQ				Sc=5.7798, min distance = 2.0864086
EFTU1_THET8	1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1HA3	1G7C	33.86	0.99		Sc=5.97526, min distance = 2.522716
EFTU1_THET8	1	93082	Gak	EFG_THETH	Fu	36735	Gpp	2BV3	2C78	2J7K	33.65	0.99		Sc=5.81882, min distance = 2.283371
EFTU1_THETH	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1EXM	1GNP				Sc=5.78582, min distance = 2.397046
EFTU2_THET8	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2C77	1GNP				Sc=5.68541, min distance = 2.413738
EFTU_BOVIN	F1	444825	ld	PURA_ECOLI	Fu	8977	ldar	1QF5	1D2E	1CH8		0.95		Sc=5.83165, min distance = 2.236782
EFTU_BOVIN	F1	445871	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1D2E	1GNP				Sc=5.67794, min distance = 2.133487
EFTU_BOVIN	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1D2E	1G7C		0.99		Sc=5.97101, min distance = 2.533821
EFTU_ECOLI	F1	37792	gar	RB11A_HUMAN	F1	8977	ldar	1OIX	1EFC	1OIW		0.99		Sc=6.15299, min distance = 2.475037
EFTU_THEAQ	F1	37792	gar	ARF6_HUMAN	Fu	8977	ldar	1E0S	1TUI	2J5X		0.99		Sc=6.06199, min distance = 2.138791
EFTU_THEAQ	F1	37792	gar	RAB6B_HUMAN	F1	8977	ldar	2E9S	1TUI	2FFQ		0.99		Sc=6.05887, min distance = 2.133186
EFTU_THEAQ	F1	37792	gar	RB11A_HUMAN	F1	8977	ldar	1OIX	1TUI	1OIW		0.99		Sc=6.06686, min distance = 2.409256
EFTU_THEAQ	F1	444825	ld	PURA_ECOLI	Fu	8977	ldar	1QF5	1TUI	1CH8		0.95		Sc=5.70687, min distance = 2.427535
EFTU_THEAQ	F1	445871	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1TUI	1GNP				Sc=5.83833, min distance = 2.161801
EFTU_THEAQ	F1	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	1TUI	1IBR				Sc=5.64453, min distance = 2.037455
EFTU_THEAQ	F1	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1TUI	1IAQ				Sc=5.77545, min distance = 2.223324
EFTU_THEAQ	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1TUI	1G7C	33.86	0.99		Sc=5.96717, min distance = 2.503981
EFTU_THEAQ	F1	93082	Gak	EFG_THETH	Fu	8977	ldar	2BM0	1TUI	2J7K	31.5	0.99		Sc=5.80149, min distance = 2.426508
EFTU_THEAQ	F1	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1TUI	2QME		0.99		Sc=5.81193, min distance = 2.342334
EGFR_HUMAN	F1	1400	nche	HCK_HUMAN	Fu	33113	gar	1AD5	2ITN	1QCF	38.15			Sc=6.14736, min distance = 2.049559
EGFR_HUMAN	F1	16040273		IRAK4_HUMAN	F1	33113	gar	2OID	2ITN	2OIC	35.56			Sc=6.51147, min distance = 0.908019
EGFR_HUMAN	F1	2396	bisi	PIM1_HUMAN	Fu	33113	gar	1XR1	2ITN	1XWS	25			Sc=6.33178, min distance = 2.047601
EGFR_HUMAN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2ITN	2ESM	21.5			Sc=5.91243, min distance = 2.381231
EGFR_HUMAN	F1	444345	ld	IRAK4_HUMAN	F1	33113	gar	2OID	2ITN	2NRY	35.56			Sc=6.31814, min distance = 1.903280
EGFR_HUMAN	F1	5281701	T	PIM1_HUMAN	Fu	33113	gar	1XR1	2ITN	2O65	25			Sc=6.27629, min distance = 2.176950
EGFR_HUMAN	F1	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2ITN	1UV5	29.56			Sc=6.1865, min distance = 2.0710634
EGFR_HUMAN	F1	611002	Og	PIM1_HUMAN	Fu	33113	gar	1XR1	2ITN	1YXX	25			Sc=6.00869, min distance = 2.078165
EHD2_MOUSE	F1	444852	CI	ATPB_BOVIN	Fu	33113	gar	2JDI	2QPT	1COW		0.91		Sc=6.08078, min distance = 2.309790
EHD2_MOUSE	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2QPT	1XQS		0.97		Sc=5.9266, min distance = 2.1851741
EHMT1_HUMAN	1	65482	sir	SETD7_HUMAN	F1	439155	Ad	2F69	2RFI	3CBP		0.88		Sc=5.77962, min distance = 2.680202
EHMT2_HUMAN	1	21945395		SETD7_HUMAN	F1	439155	Ad	2F69	2O8J	1XQH		0.88		Sc=6.02944, min distance = 2.632567
EHMT2_HUMAN	1	65482	sir	SETD7_HUMAN	F1	439155	Ad	2F69	2O8J	3CBP		0.88		Sc=5.78364, min distance = 2.652345
ELBH_ECOLX	F1	1983	acet	TRFL_BOVIN	Fu	439353	be	2DWJ	2O2L	2OCU				Sc=5.65234, min distance = 2.248880
ELBH_ECOLX	F1	657081	CI	LEG3_HUMAN	Fu	439353	be	1KJL	2O2L	1KJR				Sc=5.64926, min distance = 1.340920
ELBH_ECOLX	F1	657081	CI	LEG3_HUMAN	Fu	64689	bet	2NMO	2O2L	1KJR				Sc=5.64347, min distance = 1.432665
ELBP_ECOLX	F1	24139	ace	LYSC_HUMAN	Fu	439353	be	1REZ	1LT3	1LZR				Sc=5.99738, min distance = 1.618830
ELBP_ECOLX	F1	440552	1k	LECA_ARTIN	Fu	439353	be	1UGX	1LT3	1UH1				Sc=5.93422, min distance = 2.507941

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ELBP_ECOLX	F1	444635	03	MBL1_RAT	Full-	439353	be	2KMB	1LT3	3KMB	0.9	Sc=5.79943, min distance = 1.308000
ELBP_ECOLX	F1	449462	2	LEG7_HUMAN	Fu:	439353	be	4GAL	1LT3	3GAL		Sc=5.85029, min distance = 2.384000
ELIB_PHYCR	F1	5326970	1	KES1_YEAST	Fu:	5997	chol	1ZHY	1LRI	1ZHZ	0.97	Sc=5.91272, min distance = 2.316990
ELNE_HUMAN	F1	446578	1	MBL1_RAT	Full-	439554	fu	3KMB	2Z7F	1KWW	0.96	Sc=5.63603, min distance = 2.505810
ELNE_HUMAN	F1	94214	Met	MBL1_RAT	Full-	439554	fu	3KMB	2Z7F	1AFA	0.96	Sc=5.71639, min distance = 2.412470
ENGA_THEMA	F1	6804	guar	EF1A_YEAST	Fu:	8977	ldar	2B7B	1MKY	1G7C	0.99	Sc=6.04688, min distance = 2.554910
ENGB_BACSU	F1	60961	ade	NUD16_XENLA	F1	6830	guan	2A8S	1SVW	2A8T		Sc=5.8357, min distance = 2.5216980
ENGB_BACSU	F1	93082	Gak	RASH_HUMAN	Fu:	6830	guan	2CL7	1SVW	121P	0.99	Sc=6.55422, min distance = 1.885630
ENPL_CANFA	F1	10403821		HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	3BM9	53.62	Sc=6.12731, min distance = 2.713240
ENPL_CANFA	F1	11373270		HSP82_YEAST	F1	6323491	M	1BGQ	1QY8	2FXS	52.88	Sc=6.48002, min distance = 2.090980
ENPL_CANFA	F1	11963551		HSP82_YEAST	F1	6022	Aden	1AMW	1TC6	2IWS	52.88	Sc=6.19577, min distance = 1.655890
ENPL_CANFA	F1	11963551		HSP82_YEAST	F1	6323491	M	1BGQ	1QY8	2IWS	52.88	0.96 Sc=6.14422, min distance = 2.674400
ENPL_CANFA	F1	11963552		HSP82_YEAST	F1	6022	Aden	1AMW	1TC6	2IWU	52.88	Sc=6.19822, min distance = 2.509810
ENPL_CANFA	F1	11963552		HSP82_YEAST	F1	6323491	M	1BGQ	1QY8	2IWU	52.88	0.96 Sc=6.15068, min distance = 2.544230
ENPL_CANFA	F1	11987828		HSP82_YEAST	F1	6022	Aden	1AMW	1TC6	2CGF	52.88	Sc=6.2375, min distance = 1.8958550
ENPL_CANFA	F1	11987828		HSP82_YEAST	F1	6323491	M	1BGQ	1QY8	2CGF	52.88	0.96 Sc=6.20045, min distance = 2.467510
ENPL_CANFA	F1	13373715		HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	2QF6	53.62	Sc=6.12077, min distance = 1.359030
ENPL_CANFA	F1	16741208		HSP82_YEAST	F1	6323491	M	1BGQ	1QY8	2IWX	52.88	0.96 Sc=6.23002, min distance = 2.524950
ENPL_CANFA	F1	188966	dA	HSLU_ECOLI	Fu:	33113	gar	1E94	201U	1G4A	0.97	Sc=5.84091, min distance = 2.281110
ENPL_CANFA	F1	24836816		HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	3BMY	53.62	Sc=6.26534, min distance = 2.482160
ENPL_CANFA	F1	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TC6	1E1X		Sc=6.14888, min distance = 1.788230
ENPL_CANFA	F1	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TC6	1GZ8		Sc=6.04323, min distance = 2.093840
ENPL_CANFA	F1	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TC6	1H0V		Sc=6.13394, min distance = 2.480800
ENPL_CANFA	F1	447955	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TC6	1PXI		Sc=5.63155, min distance = 2.674240
ENPL_CANFA	F1	5326935	1	HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	1YC4	53.62	Sc=6.30222, min distance = 2.560860
ENPL_CANFA	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	201U	1ZOH		Sc=5.60518, min distance = 1.798330
ENPL_CANFA	F1	5327104	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	2BYI	53.62	Sc=6.38555, min distance = 2.627250
ENPL_CANFA	F1	6082103	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	2BT0	53.62	Sc=6.28835, min distance = 2.147120
ENPL_CANFA	F1	6082103	2	HSP82_YEAST	F1	6022	Aden	1AMW	1TC6	2BRC	52.88	Sc=6.30818, min distance = 2.388260
ENPL_CANFA	F1	6102787	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	2CCS	53.62	Sc=6.18277, min distance = 2.663150
ENPL_CANFA	F1	6102788	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	1TC6	2CCT	53.62	Sc=6.39323, min distance = 2.502510
ENPL_CANFA	F1	6804	guar	NDK_PYRHO	Fu:	6022	Aden	2DYA	1TC6	2DXF	0.8	Sc=5.85094, min distance = 2.073570
ENTP2_RAT	Fu:	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	3CJA	2OXD		Sc=5.65416, min distance = 2.206890
ENTP2_RAT	Fu:	24905142		SRC_CHICK	Fu:	6083	aden	3DQX	3CJ7	3EN4		Sc=6.39601, min distance = 1.636950
ENTP2_RAT	Fu:	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	3CJA	2ETR		Sc=6.15325, min distance = 1.964450
ENTP2_RAT	Fu:	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	3CJA	3D9V		Sc=6.00452, min distance = 2.020150
ENTP2_RAT	Fu:	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	3CJA	1ZOE		Sc=5.6971, min distance = 2.3963650

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ENTP2_RAT	Fu: 5327121	PIM1_HUMAN	Fu: 33113	gar	1XR1	3CJA	2C3I	Sc=6.24359, min distance = 2.28961	
ENTP2_RAT	Fu: 5327121	PIM1_HUMAN	Fu: 6083	aden	1YXU	3CJ7	2C3I	Sc=6.27123, min distance = 2.34805	
ENTP2_RAT	Fu: 656964	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	3CJ7	1Y2C	Sc=5.91374, min distance = 2.52431
ENTP2_RAT	Fu: 656966	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	3CJ7	1Y2E	Sc=6.05659, min distance = 2.23365
ENTP2_RAT	Fu: 656969	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	3CJ7	1Y2K	Sc=6.1891, min distance = 2.021088
ENTP2_RAT	Fu: 657135	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	3CJ7	1YXV	Sc=5.89949, min distance = 1.57671
ENTP2_RAT	Fu: 6804	guar	PDE10_HUMAN	Fu: 6083	aden	2OUN	3CJ7	2OUQ	0.8 Sc=6.40518, min distance = 0
ENV_SIVMK	Fu: 444211	th	ACES_TORCA	Fu: 185698	al	1U65	2BF1	1ACJ	Sc=5.60509, min distance = 2.62442
EPHA2_HUMAN	1 1400	nche	HCK_HUMAN	Fu: 33113	gar	1AD5	1MQB	1QCF	Sc=6.25175, min distance = 1.68663
EPHA2_HUMAN	1 15942671		FAK1_CHICK	Fu: 33113	gar	2J0L	1MQB	2J0J	Sc=6.32987, min distance = 2.36521
EPHA2_HUMAN	1 16058647		PIM1_HUMAN	Fu: 33113	gar	1XR1	1MQB	2OI4	Sc=6.49593, min distance = 1.96033
EPHA2_HUMAN	1 16750062		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	2OXD	Sc=5.64728, min distance = 2.45193
EPHA2_HUMAN	1 23656870		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	2PVN	Sc=6.53437, min distance = 0.65653
EPHA2_HUMAN	1 24756824		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	3BE9	Sc=6.40313, min distance = 2.39434
EPHA2_HUMAN	1 24779675		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	2PVJ	Sc=6.46191, min distance = 0.50407
EPHA2_HUMAN	1 24779676		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	2PVK	Sc=6.3198, min distance = 2.442753
EPHA2_HUMAN	1 24779677		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	2PVL	Sc=6.39947, min distance = 0.53316
EPHA2_HUMAN	1 24779678		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	2PVM	Sc=6.55984, min distance = 1.04700
EPHA2_HUMAN	1 3064778	H	ROCK1_HUMAN	Fu: 33113	gar	2V55	1MQB	2ETK	Sc=6.04704, min distance = 2.14777
EPHA2_HUMAN	1 3547	Fasu	ROCK1_HUMAN	Fu: 33113	gar	2V55	1MQB	2ESM	Sc=5.92897, min distance = 2.27490
EPHA2_HUMAN	1 36735	Gpp	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	1DAY	0.8 Sc=5.67479, min distance = 2.34252
EPHA2_HUMAN	1 3973	nche	PIM1_HUMAN	Fu: 33113	gar	1XR1	1MQB	1YI3	Sc=5.88487, min distance = 2.13881
EPHA2_HUMAN	1 444345	1c	PIM1_HUMAN	Fu: 33113	gar	1XR1	1MQB	1YHS	Sc=6.36357, min distance = 2.01829
EPHA2_HUMAN	1 444367	CI	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	1OM1	Sc=6.14179, min distance = 1.90309
EPHA2_HUMAN	1 445479	CI	CSK21_HUMAN	Fu: 33113	gar	2PVR	1MQB	3BQC	Sc=6.23323, min distance = 2.04134
EPHA2_HUMAN	1 446721	CI	ASSY_THET8	Fu: 33113	gar	1KOR	1MQB	1KH2	0.93 Sc=5.97716, min distance = 1.61311
EPHA2_HUMAN	1 448008	CI	GSK3B_HUMAN	Fu: 33113	gar	1J1B	1MQB	1Q4L	Sc=6.34382, min distance = 2.59631
EPHA2_HUMAN	1 448014	1c	GSK3B_HUMAN	Fu: 33113	gar	1J1B	1MQB	1Q5K	Sc=6.29268, min distance = 2.26598
EPHA2_HUMAN	1 448043	2c	ROCK1_HUMAN	Fu: 33113	gar	2V55	1MQB	3D9V	Sc=5.99103, min distance = 2.15330
EPHA2_HUMAN	1 5281680	Q	PIM1_HUMAN	Fu: 33113	gar	1XR1	1MQB	2O64	Sc=6.43109, min distance = 2.03351
EPHA2_HUMAN	1 5287844	i	GSK3B_HUMAN	Fu: 33113	gar	1J1B	1MQB	1UV5	Sc=6.33027, min distance = 1.99683
EPHA2_HUMAN	1 5326976	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	1ZOE	Sc=5.69895, min distance = 2.49960
EPHA2_HUMAN	1 5326977	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	1ZOG	Sc=5.62063, min distance = 2.42657
EPHA2_HUMAN	1 5326978	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1MQB	1ZOH	Sc=5.64781, min distance = 1.68706
EPHA2_HUMAN	1 5327148	C	IPKA_RABIT	Fu: 33113	gar	1CDK	1MQB	2ERZ	Sc=6.13286, min distance = 1.52692
EPHA2_HUMAN	1 60961	ade	SKY1_YEAST	Fu: 33113	gar	1Q99	1MQB	1Q97	0.93 Sc=6.19342, min distance = 2.28434
EPHA2_HUMAN	1 91532	AMF	PURT_ECOLI	Fu: 33113	gar	1EYZ	1MQB	1KJI	0.99 Sc=5.9692, min distance = 2.095540

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EPHA3_HUMAN	1	11986115	PIM1_HUMAN	Fu	33113	gar	1XR1	2Q09	2BZJ		Sc=6.03591, min distance = 2.098716
EPHA3_HUMAN	1	15942671	FAK1_CHICK	Fu	33113	gar	2J0L	2Q09	2J0J		Sc=6.2898, min distance = 2.1341579
EPHA3_HUMAN	1	16040273	IRAK4_HUMAN	Fu	33113	gar	2OID	2Q09	2OIC		Sc=6.31814, min distance = 1.602236
EPHA3_HUMAN	1	3547	Fas	Fu	33113	gar	2V55	2Q09	2ESM		Sc=5.89549, min distance = 2.109660
EPHA3_HUMAN	1	3973	nche	Fu	33113	gar	1XR1	2Q09	1YI3		Sc=5.84143, min distance = 2.808674
EPHA3_HUMAN	1	444345	1c	Fu	33113	gar	2OID	2Q09	2NRY		Sc=6.31176, min distance = 1.805155
EPHA3_HUMAN	1	444852	CI	Fu	33113	gar	2JDI	2Q09	1COW	0.91	Sc=5.60347, min distance = 1.938650
EPHA3_HUMAN	1	445479	CI	Fu	33113	gar	2PVR	2Q09	3BQC		Sc=6.1503, min distance = 2.547927
EPHA3_HUMAN	1	446721	CI	Fu	33113	gar	1KOR	2Q09	1KH2	0.93	Sc=5.64295, min distance = 1.738680
EPHA3_HUMAN	1	448005	CI	Fu	33113	gar	1J1B	2Q09	1Q3W		Sc=6.18403, min distance = 2.538180
EPHA3_HUMAN	1	448043	2c	Fu	33113	gar	2V55	2Q09	3D9V		Sc=5.96403, min distance = 2.379684
EPHA3_HUMAN	1	456214	pu	Fu	33113	gar	2SRC	2Q09	1YOM		Sc=6.2118, min distance = 2.027726
EPHA3_HUMAN	1	5281680	Q	Fu	33113	gar	1XR1	2Q09	2O64		Sc=6.37232, min distance = 2.332305
EPHA3_HUMAN	1	5327148	Q	Fu	33113	gar	1CDK	2Q09	2ERZ		Sc=6.10086, min distance = 2.202936
EPHA3_HUMAN	1	6083	ader	Fu	33113	gar	1XR1	2Q09	1YXU	0.97	Sc=6.18468, min distance = 2.102570
EPHA3_HUMAN	1	611002	Op	Fu	33113	gar	1XR1	2Q09	1YXX		Sc=5.97089, min distance = 2.229405
EPHA3_HUMAN	1	9547983	1	Fu	33113	gar	1AD5	2Q09	2HK5		Sc=6.4295, min distance = 1.6092585
EPHA3_HUMAN	1	9934643	2	Fu	33113	gar	2SRC	2Q09	2BDJ		Sc=6.52479, min distance = 2.444625
EPHB2_MOUSE	1	159354	Tc	Fu	6022	Aden	1P5Z	2HEN	2NO7		Sc=5.9181, min distance = 1.9555820
EPHB2_MOUSE	1	15942671		Fu	6022	Aden	2G2I	2HEN	2HZ4		Sc=6.32771, min distance = 2.140330
EPHB2_MOUSE	1	16046126		Fu	6022	Aden	1GY3	2HEN	2DS1		Sc=6.3011, min distance = 2.106836
EPHB2_MOUSE	1	16214828		Fu	6022	Aden	1GY3	2HEN	2UZO		Sc=5.96303, min distance = 2.733835
EPHB2_MOUSE	1	1707	1fvt	Fu	6022	Aden	1GY3	2HEN	1FVT		Sc=6.10795, min distance = 2.295825
EPHB2_MOUSE	1	23653515		Fu	6022	Aden	1GY3	2HEN	2R3F		Sc=6.0421, min distance = 2.2015208
EPHB2_MOUSE	1	23653516		Fu	6022	Aden	1GY3	2HEN	2R3G		Sc=6.21316, min distance = 2.328835
EPHB2_MOUSE	1	23653518		Fu	6022	Aden	1GY3	2HEN	2R3J		Sc=6.20519, min distance = 1.834610
EPHB2_MOUSE	1	23653519		Fu	6022	Aden	1GY3	2HEN	2R3K		Sc=6.22757, min distance = 1.960965
EPHB2_MOUSE	1	23653520		Fu	6022	Aden	1GY3	2HEN	2R3L		Sc=6.21168, min distance = 2.328140
EPHB2_MOUSE	1	23653521		Fu	6022	Aden	1GY3	2HEN	2R3M		Sc=6.40827, min distance = 2.083130
EPHB2_MOUSE	1	23653522		Fu	6022	Aden	1GY3	2HEN	2R3N		Sc=6.2728, min distance = 2.055200
EPHB2_MOUSE	1	23653524		Fu	6022	Aden	1GY3	2HEN	2R3P		Sc=6.23746, min distance = 2.387505
EPHB2_MOUSE	1	23653526		Fu	6022	Aden	1GY3	2HEN	2R3R		Sc=6.22132, min distance = 2.014220
EPHB2_MOUSE	1	23727982		Fu	6022	Aden	1GY3	2HEN	3BHU		Sc=6.18721, min distance = 2.172798
EPHB2_MOUSE	1	24864077		Fu	6022	Aden	1GY3	2HEN	2VTN		Sc=6.1428, min distance = 2.0813988
EPHB2_MOUSE	1	24864080		Fu	6022	Aden	1GY3	2HEN	2VTR		Sc=5.85555, min distance = 2.045330
EPHB2_MOUSE	1	24864081		Fu	6022	Aden	1GY3	2HEN	2VTS		Sc=6.22348, min distance = 1.944110
EPHB2_MOUSE	1	24901723		Fu	6022	Aden	1GY3	2HEN	2W06		Sc=6.21571, min distance = 2.409920

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EPHB2_MOUSE	1	24963033	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2W05		Sc=6.26255, min distance = 2.311940	
EPHB2_MOUSE	1	2608	1jstv	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1JSV	Sc=5.86383, min distance = 2.774270	
EPHB2_MOUSE	1	4369136	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1DM2	Sc=6.16824, min distance = 1.652030	
EPHB2_MOUSE	1	444503	FU	NDKC_DICDI	Fu: 6022	Aden	1KDN	2HEN	1B99	Sc=6.15398, min distance = 1.977970	
EPHB2_MOUSE	1	444564	AD	MYS2_DICDI	Fu: 6022	Aden	1VOM	2HEN	1W9I	0.91 Sc=5.8988, min distance = 2.0478640	
EPHB2_MOUSE	1	445966	O6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1H0V	Sc=6.08739, min distance = 1.633045	
EPHB2_MOUSE	1	446090	1H	NDKC_DICDI	Fu: 6022	Aden	1KDN	2HEN	1HIY	0.97 Sc=5.87114, min distance = 2.050952	
EPHB2_MOUSE	1	447654	CI	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1OIT	Sc=6.19127, min distance = 2.760608	
EPHB2_MOUSE	1	447766	1p	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1P2A	Sc=6.18092, min distance = 2.440086	
EPHB2_MOUSE	1	447821	CI	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1PF8	Sc=6.10197, min distance = 2.280562	
EPHB2_MOUSE	1	447916	ad	RIO1_ARCFU	Fu: 6022	Aden	1ZTH	2HEN	1ZTF	0.95 Sc=6.06591, min distance = 2.964095	
EPHB2_MOUSE	1	447962	1p	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C5N	Sc=6.18092, min distance = 2.242225	
EPHB2_MOUSE	1	448293	CI	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1R78	Sc=6.40605, min distance = 2.096120	
EPHB2_MOUSE	1	449088	1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1VYZ	Sc=6.06692, min distance = 2.432430	
EPHB2_MOUSE	1	4564	1e1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1E1V	Sc=6.03866, min distance = 2.100500	
EPHB2_MOUSE	1	4566	1h1s	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1H1S	Sc=6.33126, min distance = 2.112308	
EPHB2_MOUSE	1	5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	1JPA	1S2I	0.93 Sc=5.61618, min distance = 1.800380
EPHB2_MOUSE	1	5288641	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1E9H	Sc=6.21179, min distance = 2.340960	
EPHB2_MOUSE	1	5288711	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1KE8	Sc=6.22516, min distance = 1.657614	
EPHB2_MOUSE	1	5288712	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1KE9	Sc=6.24811, min distance = 2.303972	
EPHB2_MOUSE	1	5289411	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1OGU	Sc=6.03881, min distance = 2.085995	
EPHB2_MOUSE	1	5327096	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2BTR	Sc=6.09434, min distance = 2.290230	
EPHB2_MOUSE	1	5327097	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2BTS	Sc=5.83184, min distance = 1.917818	
EPHB2_MOUSE	1	5327124		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C4G	Sc=6.18556, min distance = 2.322285	
EPHB2_MOUSE	1	5327130	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C68	Sc=6.22266, min distance = 1.844500	
EPHB2_MOUSE	1	5327131	T	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C69	Sc=6.27537, min distance = 2.019082	
EPHB2_MOUSE	1	5327132	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C6I	Sc=6.08476, min distance = 2.281167	
EPHB2_MOUSE	1	5327133	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C6K	Sc=6.18092, min distance = 2.246834	
EPHB2_MOUSE	1	5327134	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C6L	Sc=6.16039, min distance = 2.407110	
EPHB2_MOUSE	1	5327148	C	IPKA_RABIT	Fu: 6022	Aden	1JBP	2HEN	2ERZ	Sc=6.0683, min distance = 2.6576617	
EPHB2_MOUSE	1	6338561	C	MYS2_DICDI	Fu: 6022	Aden	1VOM	2HEN	1D0X	Sc=6.08405, min distance = 2.110005	
EPHB2_MOUSE	1	6420138	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2UUE	Sc=6.33478, min distance = 1.697310	
EPHB2_MOUSE	1	6420139	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C5V	Sc=6.18519, min distance = 1.842625	
EPHB2_MOUSE	1	6420140	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2C5Y	Sc=6.44354, min distance = 2.189784	
EPHB2_MOUSE	1	6539118	g	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	1FVV	Sc=6.38577, min distance = 1.966850	
EPHB2_MOUSE	1	657072	RY	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2HEN	2BHH	Sc=6.39568, min distance = 2.277630	
EPHB2_MOUSE	1	764	guan	PURR_ECOLI	Fu: 190	adeni	2PUB	1JPA	1WET	Sc=5.64043, min distance = 2.266214	

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EPHB2_MOUSE	1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	2HEN	2PUL	0.99	Sc=5.67244, min distance = 1.74182
EPHB2_MOUSE	1	91532	AME	PURT_ECOLI	Fu:	6022	Aden	1KJQ	2HEN	1KJI	0.99	Sc=5.67467, min distance = 2.15816
EPHB2_MOUSE	1	9547890	I	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2HEN	1W8C		Sc=6.11936, min distance = 2.45915
EPHB2_MOUSE	1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2HEN	3BHV		Sc=6.33294, min distance = 2.10234
EPHB2_MOUSE	1	9991833	S	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2HEN	2R3H		Sc=6.0928, min distance = 2.249777
EPHB2_MOUSE	1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2HEN	2VTJ		Sc=5.70428, min distance = 2.54161
ERI1_HUMAN	F1	1400	nche	RET_HUMAN	Fu:	6083	aden	2IVT	1W0H	2IVV		Sc=5.76812, min distance = 2.47542
ERI1_HUMAN	F1	5327121	I	PIM1_HUMAN	Fu:	6083	aden	1YXU	1W0H	2C3I		Sc=6.18402, min distance = 1.80353
ERI1_HUMAN	F1	611002	Op	PIM1_HUMAN	Fu:	6083	aden	1YXU	1W0H	1YXX		Sc=6.13286, min distance = 1.36394
ERI1_HUMAN	F1	6419789	C	HASP_HUMAN	Fu:	6083	aden	3DLZ	1W0H	3E7V		Sc=5.91303, min distance = 2.73288
ERI1_HUMAN	F1	656968	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	1W0H	1Y2H		Sc=5.83686, min distance = 2.48446
ERI1_HUMAN	F1	657135	Op	PIM1_HUMAN	Fu:	6083	aden	1YXU	1W0H	1YXV		Sc=5.74641, min distance = 2.80624
ERM_BACSU	Fu:	16741210		MTTA_THEAQ	Fu:	34756	Acy	2ADM	1QAO	2JG3		Sc=6.49587, min distance = 1.64224
ERM_BACSU	Fu:	188380	Ac	MCES_ENCCU	Fu:	439155	Ad	1RI1	1QAN	1Z3C	0.91	Sc=6.55102, min distance = 2.11097
ERM_BACSU	Fu:	439182	5'	Q70GK9_STRCT	I	34756	Acy	1RQP	1QAO	2CC2	0.86	Sc=6.23494, min distance = 1.80506
ERM_BACSU	Fu:	445762	5'	MTTA_THEAQ	Fu:	34756	Acy	2ADM	1QAO	2IH2	0.93	Sc=6.30607, min distance = 2.21460
ERM_BACSU	Fu:	445971	CI	COMT_RAT	Full:	34756	Acy	2CL5	1QAO	1H1D	0.92	Sc=6.53614, min distance = 2.27492
ERM_BACSU	Fu:	446535	CI	HNMT_HUMAN	Fu:	439155	Ad	2AOT	1QAN	1JQE	0.95	Sc=6.49948, min distance = 2.55967
ERM_BACSU	Fu:	5327118	5'	Q70GK9_STRCT	I	34756	Acy	1RQP	1QAO	2C2W	0.81	Sc=5.66217, min distance = 2.59157
ERM_BACSU	Fu:	60961	ade	PIMT_PYRFU	Fu:	439155	Ad	1JG1	1QAN	1JG2	0.84	Sc=6.2204, min distance = 2.673269
ERM_BACSU	Fu:	6852187	2	Q70GK9_STRCT	I	34756	Acy	1RQP	1QAO	2CBX	0.84	Sc=6.1497, min distance = 1.801287
ERR3_HUMAN	F1	10019418		ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2G50	38.77	Sc=6.21421, min distance = 0.73188
ERR3_HUMAN	F1	10019418		ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2G50	38.77	Sc=6.16237, min distance = 1.83591
ERR3_HUMAN	F1	10286159		ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	2I0G	35.5 0.77	Sc=6.08705, min distance = 1.43620
ERR3_HUMAN	F1	104946	Li	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2R6Y	38.77	Sc=6.35114, min distance = 1.87220
ERR3_HUMAN	F1	11149479		ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2QAB	38.77	Sc=6.15862, min distance = 0.80584
ERR3_HUMAN	F1	11149479		ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QAB	38.77	Sc=6.05636, min distance = 2.49073
ERR3_HUMAN	F1	11197931		ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	2Z4B	35.5	Sc=6.11481, min distance = 1.08589
ERR3_HUMAN	F1	11368987		ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2QGW	38.77	Sc=6.12266, min distance = 1.12552
ERR3_HUMAN	F1	11368987		ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QGW	38.77	Sc=6.0102, min distance = 2.38049
ERR3_HUMAN	F1	14086997		ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QA6	38.77	Sc=6.19838, min distance = 2.59641
ERR3_HUMAN	F1	1493	2,4-	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2B15		Sc=5.78908, min distance = 2.06585
ERR3_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QXM	38.77	Sc=5.87066, min distance = 2.32393
ERR3_HUMAN	F1	15897928		ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QSE	38.77	Sc=6.02025, min distance = 2.72469
ERR3_HUMAN	F1	15942662		ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2G44	38.77 0.8	Sc=5.94513, min distance = 1.05195
ERR3_HUMAN	F1	15942662		ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2G44	38.77 0.78	Sc=5.93895, min distance = 1.34391
ERR3_HUMAN	F1	16750074		ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2POG	38.77	Sc=6.14474, min distance = 0.21022

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ERR3_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2POG	38.77	0.76	Sc=6.10823, min distance = 0.500136	
ERR3_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2POG	38.77	0.75	Sc=6.01519, min distance = 2.497501	
ERR3_HUMAN	F1	16758210	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	2NV7	35.5		Sc=6.17894, min distance = 1.401814	
ERR3_HUMAN	F1	177880	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2G9K			Sc=5.76183, min distance = 2.190114	
ERR3_HUMAN	F1	20284644	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2QGC			Sc=5.96196, min distance = 1.721911	
ERR3_HUMAN	F1	216416	La	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2OUZ	38.77		Sc=6.10598, min distance = 2.190856
ERR3_HUMAN	F1	216416	La	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2OUZ	38.77	0.88	Sc=6.04859, min distance = 2.677416
ERR3_HUMAN	F1	216416	La	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2OUZ	38.77	0.86	Sc=6.09712, min distance = 2.008592
ERR3_HUMAN	F1	23722943	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2QGD			Sc=5.93976, min distance = 2.043412	
ERR3_HUMAN	F1	23722944	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2QGE			Sc=5.8264, min distance = 2.3944571	
ERR3_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2QGT	38.77		Sc=6.13391, min distance = 0.742309	
ERR3_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QGT	38.77		Sc=6.07625, min distance = 2.364920	
ERR3_HUMAN	F1	243556	NS	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	3CN2		0.78	Sc=5.68075, min distance = 2.382079
ERR3_HUMAN	F1	24892830	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	3DT3	38.77		Sc=6.28472, min distance = 2.383537	
ERR3_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1U3S	35.5		Sc=6.1912, min distance = 1.4527274
ERR3_HUMAN	F1	4369563	1	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	1Y1D			Sc=6.09057, min distance = 1.894330
ERR3_HUMAN	F1	4369568	0	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	1YIM	38.77		Sc=6.2743, min distance = 1.9941040
ERR3_HUMAN	F1	4369569	0	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	1YIN	38.77	0.82	Sc=6.2365, min distance = 2.0630048
ERR3_HUMAN	F1	445155	0	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	1DVZ			Sc=6.10062, min distance = 2.340954
ERR3_HUMAN	F1	445920	RA	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	1GWQ	38.77		Sc=5.95111, min distance = 0.878669
ERR3_HUMAN	F1	446849	Lo	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	1L2I	38.77		Sc=6.14335, min distance = 2.284979
ERR3_HUMAN	F1	448577	1s	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	1SJ0	38.77		Sc=6.21758, min distance = 1.913710
ERR3_HUMAN	F1	448708	CI	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	1THC			Sc=6.34583, min distance = 1.928346
ERR3_HUMAN	F1	448734	CI	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	1TLM			Sc=6.07799, min distance = 1.754574
ERR3_HUMAN	F1	448915	1u	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	1UOM	38.77		Sc=6.10968, min distance = 2.104882
ERR3_HUMAN	F1	449207	1x	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	1XP6	38.77	0.77	Sc=6.22486, min distance = 2.524799
ERR3_HUMAN	F1	449208	Cc	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	1XP9	38.77		Sc=6.21497, min distance = 2.098519
ERR3_HUMAN	F1	449212	CI	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	1XQC	38.77		Sc=6.1162, min distance = 2.2117588
ERR3_HUMAN	F1	5035	ralc	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2QXS	38.77		Sc=6.35367, min distance = 1.560848
ERR3_HUMAN	F1	5280961	g	ESR1_HUMAN	Fu:	449459	4-	3ERT	2GPU	2QA8	38.77		Sc=6.178, min distance = 2.11628589
ERR3_HUMAN	F1	5288193	2	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2B9A			Sc=5.91431, min distance = 2.099000
ERR3_HUMAN	F1	5326827	1	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1U3R	35.5		Sc=6.17128, min distance = 1.231522
ERR3_HUMAN	F1	5326893	1	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1X7B	35.5		Sc=6.12959, min distance = 1.050069
ERR3_HUMAN	F1	5327159	2	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2F7I			Sc=5.88464, min distance = 2.590317
ERR3_HUMAN	F1	5327160	2	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2F8I			Sc=5.9783, min distance = 2.2164681
ERR3_HUMAN	F1	5478840	0	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	1R5K	38.77		Sc=6.23758, min distance = 0.636057
ERR3_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1YY4	35.5		Sc=6.00705, min distance = 1.627714

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ERR3_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	1ZKY	38.77	0.78	Sc=6.09345, min distance = 1.629632
ERR3_HUMAN	F1	656936	1	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1U9E	35.5		Sc=5.93159, min distance = 1.488617
ERR3_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1X76	35.5		Sc=6.10482, min distance = 0.655945
ERR3_HUMAN	F1	656953	1x	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	1X7E	38.77		Sc=6.17187, min distance = 0.529956
ERR3_HUMAN	F1	656953	1x	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	1X7E	38.77		Sc=6.1908, min distance = 1.5167560
ERR3_HUMAN	F1	656953	1x	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	1X78	35.5		Sc=6.1534, min distance = 1.0945195
ERR3_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2B1V	38.77	0.79	Sc=6.00229, min distance = 0.743534
ERR3_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2FAI	38.77	0.79	Sc=6.03564, min distance = 0.894815
ERR3_HUMAN	F1	97032	1g3	TTHY_HUMAN	Fu:	448537	di	1TT6	1S9P	2G5U		0.75	Sc=5.90743, min distance = 2.428073
ERR3_HUMAN	F1	9927355	2	ESR1_HUMAN	Fu:	448537	di	3ERD	1S9P	2QE4	38.77		Sc=6.13074, min distance = 1.887584
ERR3_HUMAN	F1	9927355	2	ESR1_HUMAN	Fu:	448538	CI	2BJ4	1S9Q	2QE4	38.77		Sc=6.07727, min distance = 2.201684
ERR3_HUMAN	F1	9927355	2	ESR2_HUMAN	Fu:	448538	CI	2FSZ	1S9Q	2JJ3	35.5		Sc=6.14199, min distance = 0.894672
ESR1_HUMAN	F1	10286462		ESR2_HUMAN	Fu:	448538	CI	2FSZ	2BJ4	1ZAF	61.84		Sc=6.03519, min distance = 2.481982
ESR1_HUMAN	F1	10286462		ESR2_HUMAN	Fu:	5280961	g	1QKM	2QA8	1ZAF	61.84		Sc=6.08003, min distance = 2.685830
ESR1_HUMAN	F1	10286462		ESR2_HUMAN	Fu:	656953	1x	1X78	1X7E	1ZAF	61.84		Sc=6.06947, min distance = 2.005040
ESR1_HUMAN	F1	10635	And	SHBG_HUMAN	Fu:	5757	estr	1LHU	1QKT	1D2S			Sc=6.00035, min distance = 2.184168
ESR1_HUMAN	F1	11987846		ESR2_HUMAN	Fu:	11197931	2Z4B		2Q70	2GIU	61.84		Sc=5.93419, min distance = 2.260733
ESR1_HUMAN	F1	11987846		ESR2_HUMAN	Fu:	5280961	g	1QKM	2QA8	2GIU	61.84		Sc=6.01004, min distance = 2.163605
ESR1_HUMAN	F1	11987846		ESR2_HUMAN	Fu:	9927355	2	2JJ3	2QE4	2GIU	61.84		Sc=5.90099, min distance = 2.228490
ESR1_HUMAN	F1	16758210		ESR2_HUMAN	Fu:	448538	CI	2FSZ	2BJ4	2NV7	61.84		Sc=6.11568, min distance = 1.202123
ESR1_HUMAN	F1	16758210		ESR2_HUMAN	Fu:	5280961	g	1QKM	2QA8	2NV7	61.84		Sc=6.13252, min distance = 2.387785
ESR1_HUMAN	F1	16758210		ESR2_HUMAN	Fu:	656953	1x	1X78	1X7E	2NV7	61.84		Sc=6.16023, min distance = 1.742317
ESR1_HUMAN	F1	16758210		ESR2_HUMAN	Fu:	9927355	2	2JJ3	2QE4	2NV7	61.84		Sc=6.08596, min distance = 2.482712
ESR1_HUMAN	F1	177880	2	TTHY_HUMAN	Fu:	448537	di	1TT6	3ERD	2G9K			Sc=5.73945, min distance = 2.190845
ESR1_HUMAN	F1	20284644		TTHY_HUMAN	Fu:	448537	di	1TT6	3ERD	2QGC			Sc=5.94355, min distance = 1.703595
ESR1_HUMAN	F1	222865	Ar	DHB1_HUMAN	Fu:	5757	estr	1FDS	1QKT	1QYW			Sc=6.03675, min distance = 2.112311
ESR1_HUMAN	F1	23722943		TTHY_HUMAN	Fu:	448537	di	1TT6	3ERD	2QGD			Sc=5.89947, min distance = 1.994140
ESR1_HUMAN	F1	23722944		TTHY_HUMAN	Fu:	448537	di	1TT6	3ERD	2QGE			Sc=5.76854, min distance = 2.534428
ESR1_HUMAN	F1	242332	3k	SHBG_HUMAN	Fu:	5757	estr	1LHU	1QKT	1LHO			Sc=6.02051, min distance = 2.170037
ESR1_HUMAN	F1	243556	NS	TTHY_HUMAN	Fu:	448537	di	1TT6	3ERD	3CN2		0.78	Sc=5.63429, min distance = 2.589937
ESR1_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	10286159	2I0G		2I0J	1U3S	61.84		Sc=6.17518, min distance = 0.822040
ESR1_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	11197931	2Z4B		2Q70	1U3S	61.84		Sc=6.13041, min distance = 1.851668
ESR1_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	448538	CI	2FSZ	2BJ4	1U3S	61.84		Sc=6.01669, min distance = 2.142285
ESR1_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	5280961	g	1QKM	2QA8	1U3S	61.84		Sc=6.05424, min distance = 2.564781
ESR1_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	656953	1x	1X78	1X7E	1U3S	61.84		Sc=6.03564, min distance = 2.245960
ESR1_HUMAN	F1	4369551	1	ESR2_HUMAN	Fu:	9927355	2	2JJ3	2QE4	1U3S	61.84		Sc=6.19842, min distance = 0.872855
ESR1_HUMAN	F1	4369563	1	TTHY_HUMAN	Fu:	448537	di	1TT6	3ERD	1Y1D			Sc=6.06823, min distance = 1.914030

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ESR1_HUMAN	F1	445071	DH	DHB1_HUMAN	Fu: 5757	estr	1FDS	1QKT	1DHT			Sc=6.0123, min distance = 2.4347831
ESR1_HUMAN	F1	445155	O	TTHY_HUMAN	Fu: 448537	di	1TT6	3ERD	1DVZ			Sc=6.06918, min distance = 2.331221
ESR1_HUMAN	F1	449455	CI	DHB1_HUMAN	Fu: 5757	estr	1FDS	1QKT	3DHE			Sc=6.02661, min distance = 2.606092
ESR1_HUMAN	F1	5288193	2	TTHY_HUMAN	Fu: 448537	di	1TT6	3ERD	2B9A			Sc=5.8801, min distance = 2.3257158
ESR1_HUMAN	F1	5326826	F	ESR2_HUMAN	Fu: 11197931	2Z4B		2Q70	1U3Q	61.84		Sc=6.1036, min distance = 1.3862431
ESR1_HUMAN	F1	5326826	F	ESR2_HUMAN	Fu: 9927355	2	2JJ3	2QE4	1U3Q	61.84		Sc=6.12731, min distance = 1.518088
ESR1_HUMAN	F1	5326827	1	ESR2_HUMAN	Fu: 448538	CI	2FSZ	2BJ4	1U3R	61.84		Sc=6.16943, min distance = 1.156490
ESR1_HUMAN	F1	5326827	1	ESR2_HUMAN	Fu: 5280961	g	1QKM	2QA8	1U3R	61.84		Sc=6.0461, min distance = 2.4827996
ESR1_HUMAN	F1	5326827	1	ESR2_HUMAN	Fu: 656953	1x	1X78	1X7E	1U3R	61.84		Sc=6.02843, min distance = 1.455611
ESR1_HUMAN	F1	5326827	1	ESR2_HUMAN	Fu: 9927355	2	2JJ3	2QE4	1U3R	61.84		Sc=6.17894, min distance = 0.638307
ESR1_HUMAN	F1	5326893	F	ESR2_HUMAN	Fu: 10286159	2I0G		2I0J	1X7B	61.84		Sc=6.16041, min distance = 0.590577
ESR1_HUMAN	F1	5326893	F	ESR2_HUMAN	Fu: 446849	Lc	1L2J	1L2I	1X7B	61.84		Sc=6.03206, min distance = 1.740574
ESR1_HUMAN	F1	5326893	F	ESR2_HUMAN	Fu: 448538	CI	2FSZ	2BJ4	1X7B	61.84		Sc=6.08768, min distance = 1.316916
ESR1_HUMAN	F1	5326893	F	ESR2_HUMAN	Fu: 5280961	g	1QKM	2QA8	1X7B	61.84		Sc=6.10614, min distance = 2.563611
ESR1_HUMAN	F1	5326893	F	ESR2_HUMAN	Fu: 656953	1x	1X78	1X7E	1X7B	61.84		Sc=6.11294, min distance = 1.553812
ESR1_HUMAN	F1	5326893	F	ESR2_HUMAN	Fu: 9927355	2	2JJ3	2QE4	1X7B	61.84		Sc=6.16813, min distance = 1.204708
ESR1_HUMAN	F1	5327159	2	TTHY_HUMAN	Fu: 448537	di	1TT6	3ERD	2F7I			Sc=5.84077, min distance = 2.593281
ESR1_HUMAN	F1	5327160	2	TTHY_HUMAN	Fu: 448537	di	1TT6	3ERD	2F8I			Sc=5.95111, min distance = 2.349032
ESR1_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu: 10286159	2I0G		2I0J	1YY4	61.84		Sc=6.04643, min distance = 1.592446
ESR1_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu: 11197931	2Z4B		2Q70	1YY4	61.84		Sc=6.02009, min distance = 1.153004
ESR1_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu: 448538	CI	2FSZ	2BJ4	1YY4	61.84		Sc=6.08081, min distance = 0.924811
ESR1_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu: 5280961	g	1QKM	2QA8	1YY4	61.84		Sc=5.99881, min distance = 2.553890
ESR1_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu: 656953	1x	1X78	1X7E	1YY4	61.84		Sc=5.98219, min distance = 1.763558
ESR1_HUMAN	F1	6102690	1	ESR2_HUMAN	Fu: 9927355	2	2JJ3	2QE4	1YY4	61.84		Sc=6.03736, min distance = 0.773755
ESR1_HUMAN	F1	6102691	1	ESR2_HUMAN	Fu: 10286159	2I0G		2I0J	1YYE	61.84		Sc=6.11814, min distance = 1.774545
ESR1_HUMAN	F1	6102691	1	ESR2_HUMAN	Fu: 11197931	2Z4B		2Q70	1YYE	61.84		Sc=5.98705, min distance = 2.060414
ESR1_HUMAN	F1	6102691	1	ESR2_HUMAN	Fu: 448538	CI	2FSZ	2BJ4	1YYE	61.84		Sc=6.14953, min distance = 1.055068
ESR1_HUMAN	F1	6102691	1	ESR2_HUMAN	Fu: 5280961	g	1QKM	2QA8	1YYE	61.84		Sc=6.15805, min distance = 2.569687
ESR1_HUMAN	F1	6102691	1	ESR2_HUMAN	Fu: 656953	1x	1X78	1X7E	1YYE	61.84		Sc=6.18975, min distance = 1.721031
ESR1_HUMAN	F1	6102691	1	ESR2_HUMAN	Fu: 9927355	2	2JJ3	2QE4	1YYE	61.84		Sc=6.11439, min distance = 2.395581
ESR1_HUMAN	F1	656936	1u	ESR2_HUMAN	Fu: 448538	CI	2FSZ	2BJ4	1U9E	61.84		Sc=6.00204, min distance = 1.079071
ESR1_HUMAN	F1	656936	1u	ESR2_HUMAN	Fu: 5280961	g	1QKM	2QA8	1U9E	61.84	0.79	Sc=6.05515, min distance = 0.539326
ESR1_HUMAN	F1	656936	1u	ESR2_HUMAN	Fu: 656953	1x	1X78	1X7E	1U9E	61.84	0.93	Sc=5.89549, min distance = 1.722012
ESR1_HUMAN	F1	656936	1u	ESR2_HUMAN	Fu: 9927355	2	2JJ3	2QE4	1U9E	61.84		Sc=5.9594, min distance = 0.3403248
ESR1_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu: 10286159	2I0G		2I0J	1X76	61.84		Sc=6.13282, min distance = 0.759747
ESR1_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu: 11197931	2Z4B		2Q70	1X76	61.84		Sc=6.1171, min distance = 1.0612431
ESR1_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu: 448538	CI	2FSZ	2BJ4	1X76	61.84		Sc=6.15131, min distance = 1.151285

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ESR1_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu	5280961	g	1QKM	2QA8	1X76	61.84		Sc=6.08888, min distance = 2.389965
ESR1_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu	656953	1x	1X78	1X7E	1X76	61.84	0.99	Sc=6.08119, min distance = 1.575648
ESR1_HUMAN	F1	656952	1x	ESR2_HUMAN	Fu	9927355	2	2JJ3	2QE4	1X76	61.84		Sc=6.13766, min distance = 0.929959
ESR1_HUMAN	F1	6623	Bisp	ERR3_HUMAN	Fu	448538	CI	1S9Q	2BJ4	2E2R	38.77	0.75	Sc=5.91712, min distance = 2.179749
ESR1_HUMAN	F1	6852176	2	ERR3_HUMAN	Fu	448538	CI	1S9Q	2BJ4	2EWP	38.77	0.98	Sc=6.2138, min distance = 1.792001
ESR1_HUMAN	F1	72099	flu	TTHY_HUMAN	Fu	448537	di	1TT6	3ERD	1DVT			Sc=5.92475, min distance = 2.324853
ESR1_HUMAN	F1	97032	1g3	TTHY_HUMAN	Fu	448537	di	1TT6	3ERD	2G5U		0.75	Sc=5.86683, min distance = 2.569408
ESR2_HUMAN	F1	10019418		ESR1_HUMAN	Fu	446849	Lc	1L2I	1L2J	2G5O	61.84	0.79	Sc=6.10267, min distance = 2.461905
ESR2_HUMAN	F1	104946	Li	ESR1_HUMAN	Fu	448538	CI	2BJ4	2FSZ	2R6Y	61.84		Sc=6.32184, min distance = 2.270133
ESR2_HUMAN	F1	11149479		ESR1_HUMAN	Fu	11197931	2Q70	2Z4B	2Z4B	2QAB	61.84		Sc=6.06688, min distance = 2.462420
ESR2_HUMAN	F1	11149479		ESR1_HUMAN	Fu	446849	Lc	1L2I	1L2J	2QAB	61.84		Sc=5.85325, min distance = 2.511264
ESR2_HUMAN	F1	11149479		ESR1_HUMAN	Fu	448538	CI	2BJ4	2FSZ	2QAB	61.84		Sc=6.08003, min distance = 1.147228
ESR2_HUMAN	F1	11149479		ESR1_HUMAN	Fu	5280961	g	2QA8	1QKM	2QAB	61.84		Sc=5.98675, min distance = 1.996249
ESR2_HUMAN	F1	11149479		ESR1_HUMAN	Fu	656953	1x	1X7E	1X78	2QAB	61.84		Sc=6.18708, min distance = 1.221596
ESR2_HUMAN	F1	11149479		ESR1_HUMAN	Fu	9927355	2	2QE4	2JJ3	2QAB	61.84		Sc=6.06947, min distance = 2.633929
ESR2_HUMAN	F1	11368987		ESR1_HUMAN	Fu	10286159	2I0J	2I0G	2I0G	2QGW	61.84		Sc=6.0011, min distance = 2.213572
ESR2_HUMAN	F1	11368987		ESR1_HUMAN	Fu	11197931	2Q70	2Z4B	2Z4B	2QGW	61.84		Sc=6.0102, min distance = 2.358832
ESR2_HUMAN	F1	11368987		ESR1_HUMAN	Fu	446849	Lc	1L2I	1L2J	2QGW	61.84		Sc=5.78977, min distance = 2.388735
ESR2_HUMAN	F1	11368987		ESR1_HUMAN	Fu	448538	CI	2BJ4	2FSZ	2QGW	61.84		Sc=5.94664, min distance = 1.083404
ESR2_HUMAN	F1	11368987		ESR1_HUMAN	Fu	5280961	g	2QA8	1QKM	2QGW	61.84		Sc=5.9307, min distance = 2.585737
ESR2_HUMAN	F1	11368987		ESR1_HUMAN	Fu	656953	1x	1X7E	1X78	2QGW	61.84		Sc=6.14697, min distance = 1.520085
ESR2_HUMAN	F1	14086997		ESR1_HUMAN	Fu	10286159	2I0J	2I0G	2I0G	2QA6	61.84		Sc=6.08293, min distance = 2.132882
ESR2_HUMAN	F1	14086997		ESR1_HUMAN	Fu	11197931	2Q70	2Z4B	2Z4B	2QA6	61.84		Sc=6.08121, min distance = 2.176203
ESR2_HUMAN	F1	14086997		ESR1_HUMAN	Fu	448538	CI	2BJ4	2FSZ	2QA6	61.84		Sc=6.25916, min distance = 1.282304
ESR2_HUMAN	F1	14086997		ESR1_HUMAN	Fu	5280961	g	2QA8	1QKM	2QA6	61.84		Sc=6.24633, min distance = 1.722495
ESR2_HUMAN	F1	14086997		ESR1_HUMAN	Fu	656953	1x	1X7E	1X78	2QA6	61.84		Sc=6.32655, min distance = 1.477892
ESR2_HUMAN	F1	14086997		ESR1_HUMAN	Fu	9927355	2	2QE4	2JJ3	2QA6	61.84		Sc=6.11818, min distance = 1.829446
ESR2_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu	10286159	2I0J	2I0G	2I0G	2QXM	61.84		Sc=5.99354, min distance = 2.012503
ESR2_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu	11197931	2Q70	2Z4B	2Z4B	2QXM	61.84		Sc=5.85665, min distance = 1.916175
ESR2_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu	448538	CI	2BJ4	2FSZ	2QXM	61.84		Sc=6.04238, min distance = 1.366935
ESR2_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu	5280961	g	2QA8	1QKM	2QXM	61.84		Sc=6.02151, min distance = 2.811380
ESR2_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu	656953	1x	1X7E	1X78	2QXM	61.84		Sc=6.12725, min distance = 0.705965
ESR2_HUMAN	F1	1530	PhIE	ESR1_HUMAN	Fu	9927355	2	2QE4	2JJ3	2QXM	61.84		Sc=5.85843, min distance = 2.234564
ESR2_HUMAN	F1	15897928		ESR1_HUMAN	Fu	10286159	2I0J	2I0G	2I0G	2QSE	61.84		Sc=6.12077, min distance = 2.148323
ESR2_HUMAN	F1	15897928		ESR1_HUMAN	Fu	11197931	2Q70	2Z4B	2Z4B	2QSE	61.84		Sc=6.01199, min distance = 1.959265
ESR2_HUMAN	F1	15897928		ESR1_HUMAN	Fu	446849	Lc	1L2I	1L2J	2QSE	61.84		Sc=5.80263, min distance = 2.883023
ESR2_HUMAN	F1	15897928		ESR1_HUMAN	Fu	448538	CI	2BJ4	2FSZ	2QSE	61.84		Sc=6.18767, min distance = 1.078577

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ESR2_HUMAN	F1	15897928	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	2QSE	61.84		Sc=6.17523, min distance = 1.74924
ESR2_HUMAN	F1	15897928	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	2QSE	61.84		Sc=6.25718, min distance = 0.85899
ESR2_HUMAN	F1	15897928	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	2QSE	61.84		Sc=5.99508, min distance = 2.52990
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	10286159	2I0J	2I0J	2I0G	2G44	61.84	0.8	Sc=5.81821, min distance = 2.93654
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	11197931	2Q70	2Q70	2Z4B	2G44	61.84	0.78	Sc=5.826, min distance = 2.3383894
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	446849	Lc	1L2I	1L2J	2G44	61.84	0.79	Sc=5.70697, min distance = 2.55125
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2G44	61.84	0.78	Sc=5.85574, min distance = 1.75195
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	2G44	61.84		Sc=5.87959, min distance = 2.16284
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	2G44	61.84		Sc=5.96092, min distance = 1.59958
ESR2_HUMAN	F1	15942662	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	2G44	61.84	0.78	Sc=5.85574, min distance = 2.32244
ESR2_HUMAN	F1	16214804	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2Q6J	61.84		Sc=6.11096, min distance = 0.90394
ESR2_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	11197931	2Q70	2Q70	2Z4B	2POG	61.84	0.89	Sc=6.02396, min distance = 2.72594
ESR2_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2POG	61.84	0.76	Sc=6.06325, min distance = 1.61990
ESR2_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	2POG	61.84	0.76	Sc=6.06109, min distance = 2.27796
ESR2_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	2POG	61.84		Sc=6.14901, min distance = 0.70142
ESR2_HUMAN	F1	16750074	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	2POG	61.84	0.9	Sc=6.03061, min distance = 2.15711
ESR2_HUMAN	F1	216416 La	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2OUZ	61.84	0.88	Sc=6.03215, min distance = 2.74649
ESR2_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	10286159	2I0J	2I0J	2I0G	2QGT	61.84	0.77	Sc=6.08475, min distance = 1.86981
ESR2_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	11197931	2Q70	2Q70	2Z4B	2QGT	61.84	0.75	Sc=6.08667, min distance = 2.24569
ESR2_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2QGT	61.84		Sc=6.11572, min distance = 1.78950
ESR2_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	2QGT	61.84		Sc=6.13074, min distance = 2.03981
ESR2_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	2QGT	61.84		Sc=6.19824, min distance = 0.71314
ESR2_HUMAN	F1	23728517	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	2QGT	61.84	0.76	Sc=6.07929, min distance = 2.37934
ESR2_HUMAN	F1	24892830	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	3DT3	61.84		Sc=6.30024, min distance = 1.52270
ESR2_HUMAN	F1	24892830	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	3DT3	61.84		Sc=6.39193, min distance = 0.81284
ESR2_HUMAN	F1	24892830	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	3DT3	61.84	0.83	Sc=6.29541, min distance = 1.87409
ESR2_HUMAN	F1	4369568 C	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1YIM	61.84	0.85	Sc=6.21409, min distance = 2.44095
ESR2_HUMAN	F1	4369569 C	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1YIN	61.84	0.82	Sc=6.23896, min distance = 2.04841
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	10286159	2I0J	2I0J	2I0G	1GWQ	61.84		Sc=5.92505, min distance = 1.98029
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	11197931	2Q70	2Q70	2Z4B	1GWQ	61.84		Sc=5.91553, min distance = 1.89664
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	446849	Lc	1L2I	1L2J	1GWQ	61.84		Sc=5.82424, min distance = 2.40012
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1GWQ	61.84		Sc=5.96492, min distance = 1.88889
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	1GWQ	61.84		Sc=5.9594, min distance = 1.487174
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	1GWQ	61.84		Sc=6.04603, min distance = 1.08396
ESR2_HUMAN	F1	445920 RA	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	1GWQ	61.84		Sc=5.92246, min distance = 2.67179
ESR2_HUMAN	F1	448537 di	ESR1_HUMAN	Fu:	446849	Lc	1L2I	1L2J	3ERD	61.84	0.86	Sc=5.93225, min distance = 2.71149
ESR2_HUMAN	F1	448537 di	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	3ERD	61.84		Sc=6.05608, min distance = 1.38285

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ESR2_HUMAN	F1	448537	di	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	3ERD	61.84		Sc=6.06325, min distance = 1.77352
ESR2_HUMAN	F1	448537	di	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	3ERD	61.84		Sc=6.13675, min distance = 1.24183
ESR2_HUMAN	F1	448537	di	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	3ERD	61.84		Sc=6.03984, min distance = 1.96403
ESR2_HUMAN	F1	448577	1e	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1SJ0	61.84		Sc=6.21561, min distance = 1.97127
ESR2_HUMAN	F1	448915	1u	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1UOM	61.84		Sc=6.0477, min distance = 2.571423
ESR2_HUMAN	F1	449207	1x	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1XP6	61.84	0.77	Sc=6.22084, min distance = 2.41069
ESR2_HUMAN	F1	449208	Cd	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1XP9	61.84		Sc=6.21102, min distance = 2.10875
ESR2_HUMAN	F1	449212	CI	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1XQC	61.84		Sc=6.09895, min distance = 2.41854
ESR2_HUMAN	F1	449459	4-	ERR3_HUMAN	Fu:	448538	CI	1S9Q	2FSZ	2GPU	35.5	0.98	Sc=6.02458, min distance = 2.10454
ESR2_HUMAN	F1	449459	4-	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	3ERT	61.84	0.98	Sc=5.99654, min distance = 2.34809
ESR2_HUMAN	F1	5035	ralc	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2QXS	61.84		Sc=6.33292, min distance = 1.13603
ESR2_HUMAN	F1	5757	estr	ESR1_HUMAN	Fu:	10286159	2I0J	2I0G	2I0G	1QKT	61.84		Sc=6.00533, min distance = 1.88431
ESR2_HUMAN	F1	5757	estr	ESR1_HUMAN	Fu:	11197931	2Q70	2Z4B	2Z4B	1QKT	61.84		Sc=6.01024, min distance = 2.48709
ESR2_HUMAN	F1	5757	estr	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1QKT	61.84		Sc=6.05608, min distance = 1.67956
ESR2_HUMAN	F1	5757	estr	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	1QKT	61.84		Sc=6.05189, min distance = 2.47299
ESR2_HUMAN	F1	5757	estr	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	1QKT	61.84		Sc=6.14072, min distance = 1.52181
ESR2_HUMAN	F1	5757	estr	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	1QKT	61.84		Sc=6.02747, min distance = 2.69195
ESR2_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	10286159	2I0J	2I0G	2I0G	1ZKY	61.84	0.78	Sc=6.02038, min distance = 1.61377
ESR2_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	11197931	2Q70	2Z4B	2Z4B	1ZKY	61.84	0.76	Sc=6.02173, min distance = 2.00525
ESR2_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	446849	Lc	1L2I	1L2J	1ZKY	61.84	0.77	Sc=5.93045, min distance = 2.16942
ESR2_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	1ZKY	61.84	0.76	Sc=6.05608, min distance = 1.45568
ESR2_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	1ZKY	61.84		Sc=6.03183, min distance = 2.35199
ESR2_HUMAN	F1	6542593	1	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	1ZKY	61.84		Sc=6.14417, min distance = 0.99533
ESR2_HUMAN	F1	6623	Bisp	ERR3_HUMAN	Fu:	448538	CI	1S9Q	2FSZ	2E2R	35.5	0.75	Sc=6.04234, min distance = 1.09962
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	10286159	2I0J	2I0G	2I0G	2B1V	61.84	0.77	Sc=5.9518, min distance = 2.182340
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	11197931	2Q70	2Z4B	2Z4B	2B1V	61.84		Sc=5.95606, min distance = 2.17808
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	446849	Lc	1L2I	1L2J	2B1V	61.84	0.76	Sc=5.82286, min distance = 2.62383
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2B1V	61.84		Sc=5.98089, min distance = 1.95263
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	2B1V	61.84		Sc=5.98738, min distance = 1.79820
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	656953	1x	1X7E	1X78	2B1V	61.84		Sc=6.09074, min distance = 1.40228
ESR2_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	9927355	2	2QE4	2JJ3	2B1V	61.84	0.76	Sc=5.95606, min distance = 2.46677
ESR2_HUMAN	F1	6852176	2	ERR3_HUMAN	Fu:	448538	CI	1S9Q	2FSZ	2EWP	35.5	0.98	Sc=6.20658, min distance = 1.64394
ESR2_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	10286159	2I0J	2I0G	2I0G	2FAI	61.84	0.78	Sc=5.98705, min distance = 2.44766
ESR2_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	11197931	2Q70	2Z4B	2Z4B	2FAI	61.84	0.75	Sc=5.98574, min distance = 2.54696
ESR2_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	446849	Lc	1L2I	1L2J	2FAI	61.84	0.76	Sc=5.85654, min distance = 2.71107
ESR2_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	448538	CI	2BJ4	2FSZ	2FAI	61.84	0.75	Sc=6.03245, min distance = 1.70912
ESR2_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	5280961	g	2QA8	1QKM	2FAI	61.84		Sc=6.03797, min distance = 2.11893

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ESR2_HUMAN	Fu: 6852186 2	ESR1_HUMAN	Fu: 656953 1x 1X7E	1X78	2FAI	61.84	Sc=6.11304, min distance = 1.567265
ESR2_HUMAN	Fu: 6852186 2	ESR1_HUMAN	Fu: 9927355 2 2QE4	2JJ3	2FAI	61.84 0.77	Sc=5.99007, min distance = 2.441377
ESR2_HUMAN	Fu: 9549180 C	ESR1_HUMAN	Fu: 10286159 2I0J	2I0G	2B1Z	61.84	Sc=6.04575, min distance = 2.618400
ESR2_HUMAN	Fu: 9549180 C	ESR1_HUMAN	Fu: 11197931 2Q70	2Z4B	2B1Z	61.84	Sc=6.04801, min distance = 2.140092
ESR2_HUMAN	Fu: 9549180 C	ESR1_HUMAN	Fu: 9927355 2 2QE4	2JJ3	2B1Z	61.84	Sc=6.0593, min distance = 2.5136646
ESR2_RAT	Fu: 10286159	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	2I0J	61.57	Sc=5.98915, min distance = 1.897731
ESR2_RAT	Fu: 10635 And	SHBG_HUMAN	Fu: 5757 estr 1LHU	2J7X	1D2S		Sc=6.02051, min distance = 2.320682
ESR2_RAT	Fu: 11149479	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2QAB	61.57	Sc=5.92475, min distance = 2.340725
ESR2_RAT	Fu: 11368987	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2QGW	61.57	Sc=5.87388, min distance = 2.362897
ESR2_RAT	Fu: 14086997	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2QA6	61.57	Sc=6.09743, min distance = 2.682390
ESR2_RAT	Fu: 1530 PhIE	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2QXM	61.57	Sc=5.94743, min distance = 2.306524
ESR2_RAT	Fu: 15897928	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	2QSE	61.57	Sc=5.99817, min distance = 1.676019
ESR2_RAT	Fu: 15897928	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2QSE	61.57	Sc=6.09434, min distance = 2.548465
ESR2_RAT	Fu: 15942662	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	2G44	61.57	Sc=5.7971, min distance = 2.4957170
ESR2_RAT	Fu: 15942662	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2G44	61.57 0.75	Sc=5.79523, min distance = 2.331870
ESR2_RAT	Fu: 16750074	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	2POG	61.57	Sc=5.99838, min distance = 2.387590
ESR2_RAT	Fu: 16750074	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	2POG	61.57	Sc=6.01269, min distance = 2.265709
ESR2_RAT	Fu: 216416 La	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	2OUZ	61.57	Sc=6.04358, min distance = 2.509190
ESR2_RAT	Fu: 222865 Ar	DHB1_HUMAN	Fu: 5757 estr 1FDS	2J7X	1QYW		Sc=6.04912, min distance = 2.221610
ESR2_RAT	Fu: 242332 3k	SHBG_HUMAN	Fu: 5757 estr 1LHU	2J7X	1LHO		Sc=6.02791, min distance = 2.320540
ESR2_RAT	Fu: 245468 6-	DHB1_HUMAN	Fu: 5757 estr 1FDS	2J7X	1FDU	0.97	Sc=6.01519, min distance = 1.825932
ESR2_RAT	Fu: 24892830	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	3DT3	61.57	Sc=6.27055, min distance = 2.302090
ESR2_RAT	Fu: 4369568 C	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1YIM	61.57	Sc=6.21689, min distance = 2.515764
ESR2_RAT	Fu: 4369569 C	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1YIN	61.57	Sc=6.23287, min distance = 2.219734
ESR2_RAT	Fu: 445071 DH	DHB1_HUMAN	Fu: 5757 estr 1FDS	2J7X	1DHT		Sc=6.04139, min distance = 2.551680
ESR2_RAT	Fu: 445410 EQ	DHB1_HUMAN	Fu: 5757 estr 1FDS	2J7X	1EQU	0.86	Sc=6.00097, min distance = 2.613817
ESR2_RAT	Fu: 445920 RA	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	1GWQ	61.57	Sc=5.89401, min distance = 2.314434
ESR2_RAT	Fu: 446849 Lc	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1L2I	61.57	Sc=6.12252, min distance = 1.638532
ESR2_RAT	Fu: 446849 Lc	ESR1_HUMAN	Fu: 5757 estr 1QKT	2J7X	1L2I	61.57 0.83	Sc=6.12343, min distance = 2.369540
ESR2_RAT	Fu: 448538 CI	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	2BJ4	61.57	Sc=6.02273, min distance = 2.484230
ESR2_RAT	Fu: 448577 1s	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1SJ0	61.57	Sc=6.20961, min distance = 2.054110
ESR2_RAT	Fu: 448915 1u	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1UOM	61.57	Sc=6.03215, min distance = 2.415040
ESR2_RAT	Fu: 449207 1x	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1XP6	61.57	Sc=6.21838, min distance = 2.620455
ESR2_RAT	Fu: 449208 Cc	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1XP9	61.57	Sc=6.20658, min distance = 2.237630
ESR2_RAT	Fu: 449212 CI	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	1XQC	61.57	Sc=6.07592, min distance = 2.219600
ESR2_RAT	Fu: 449455 CI	DHB1_HUMAN	Fu: 5757 estr 1FDS	2J7X	3DHE		Sc=6.05376, min distance = 2.412024
ESR2_RAT	Fu: 449459 4-	ESR1_HUMAN	Fu: 5035 ralc 2QXS	1QKN	3ERT	61.57	Sc=6.0009, min distance = 2.3351320

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ESR2_RAT	Ful: 6128 andr	DHB1_HUMAN	Fu: 5757 estr	1FDS	2J7X	1QYX		Sc=6.04139, min distance = 2.082800
ESR2_RAT	Ful: 6542593 1	ESR1_HUMAN	Fu: 5757 estr	1QKT	2J7X	1ZKY	61.57 0.78	Sc=5.97271, min distance = 2.362220
ESR2_RAT	Ful: 656953 1x	ESR1_HUMAN	Fu: 5757 estr	1QKT	2J7X	1X7E	61.57	Sc=6.09896, min distance = 2.343120
ESR2_RAT	Ful: 6852154 2	ESR1_HUMAN	Fu: 5035 ralc	2QXS	1QKN	2B1V	61.57	Sc=5.93028, min distance = 1.664230
ESR2_RAT	Ful: 6852154 2	ESR1_HUMAN	Fu: 5757 estr	1QKT	2J7X	2B1V	61.57 0.76	Sc=5.9198, min distance = 2.2497750
ESR2_RAT	Ful: 6852186 2	ESR1_HUMAN	Fu: 5757 estr	1QKT	2J7X	2FAI	61.57 0.77	Sc=5.94964, min distance = 2.401110
EST1_HUMAN	Fu: 11006 HEX	CD1D1_MOUSE	Fu: 985 palmi	2FIK	2DQY	1Z5L		Sc=5.70165, min distance = 0.700150
EST1_HUMAN	Fu: 14253 Cet	FABP4_MOUSE	Fu: 985 palmi	1LIE	2DQY	1LIC		Sc=5.67679, min distance = 2.426090
EST1_HUMAN	Fu: 14368760	LPXC_AQUAE	Fu: 985 palmi	2GO3	2DQY	2O3Z		Sc=5.98255, min distance = 0.763050
EST1_HUMAN	Fu: 175468 12	LACB_BOVIN	Fu: 985 palmi	1GXA	2DQY	1BSO	0.83	Sc=5.82313, min distance = 2.319690
EST1_HUMAN	Fu: 439353 be	TETX_CLOTE	Fu: 444885 O-	1FV3	2H7C	1DIW		Sc=5.66873, min distance = 2.090680
EST1_HUMAN	Fu: 439353 be	TRFL_BOVIN	Fu: 444205 CI	2G93	1MX9	2DWJ		Sc=5.91793, min distance = 0.517580
EST1_HUMAN	Fu: 439554 fu	TRFL_BOVIN	Fu: 444205 CI	2G93	1MX9	2DWA		Sc=5.63561, min distance = 2.295350
EST1_HUMAN	Fu: 446367 BA	NRAM_I67A0	Fu: 444885 O-	2BAT	2H7C	1IVE		Sc=6.00168, min distance = 2.403910
EST1_HUMAN	Fu: 5280934 1	NLTP_MAIZE	Fu: 985 palmi	1MZM	2DQY	1FK6	0.75	Sc=6.04235, min distance = 1.335930
EST1_HUMAN	Fu: 64689 bet	P74325_SYNY3	1 5988 sucr	1TJ5	2HRQ	1U2S	0.87	Sc=5.74332, min distance = 2.292590
EST_BACST	Fu: 445939 1c	PPTA_ECOLI	Fu: 23831 HEP	1GYX	1R1D	1GYY		Sc=5.77347, min distance = 1.976550
EST_BACST	Fu: 5962 L-ly	RBCMT_PEA	Fu: 23831 HEP	1MLV	1R1D	2H2E		Sc=5.68442, min distance = 2.206710
EST_BACST	Fu: 62551 Per	Q8WSF8_APLCA	1 23831 HEP	2BR7	1R1D	2BYN		Sc=5.73537, min distance = 2.043070
ETFB_HUMAN	Fu: 24905143	SRC_CHICK	Fu: 6083 aden	3DQX	1EFV	3EN7		Sc=6.31699, min distance = 2.093830
ETFB_HUMAN	Fu: 2519 caff	PYGM_RABIT	Fu: 6083 aden	8GPB	1EFV	1GFZ		Sc=5.83602, min distance = 2.072290
ETFB_HUMAN	Fu: 5327121 1	PIM1_HUMAN	Fu: 6083 aden	1YXU	1EFV	2C3I		Sc=6.34738, min distance = 1.577930
ETFB_HUMAN	Fu: 6419789 C	HASP_HUMAN	Fu: 6083 aden	3DLZ	1EFV	3E7V		Sc=6.34552, min distance = 2.449800
ETFB_HUMAN	Fu: 65533 cor	O57693_THETE	1 6083 aden	1UXU	1EFV	1UXT		Sc=6.06626, min distance = 2.018510
ETFB_HUMAN	Fu: 656968 1y	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1EFV	1Y2H		Sc=6.01664, min distance = 2.153740
ETFB_HUMAN	Fu: 657135 Og	PIM1_HUMAN	Fu: 6083 aden	1YXU	1EFV	1YXV		Sc=5.91707, min distance = 2.367640
ETFB_HUMAN	Fu: 8582 Inos	PURA1_MOUSE	Fu: 6083 aden	1MF0	1EFV	1IWE	0.79	Sc=6.42061, min distance = 2.103970
ETFB_HUMAN	Fu: 8582 Inos	PYGM_RABIT	Fu: 6083 aden	8GPB	1EFV	2QN7	0.79	Sc=6.43925, min distance = 2.279090
ETFB_METME	Fu: 1400 nche	RET_HUMAN	Fu: 6083 aden	2IVT	1O97	2IVV		Sc=6.27898, min distance = 2.574050
ETFB_METME	Fu: 24905143	SRC_CHICK	Fu: 6083 aden	3DQX	1O97	3EN7		Sc=6.31464, min distance = 2.370890
ETFB_METME	Fu: 24905152	SRC_CHICK	Fu: 6083 aden	3DQX	1O97	3EN6		Sc=6.39829, min distance = 2.340260
ETFB_METME	Fu: 25011744	SRC_CHICK	Fu: 6083 aden	3DQX	1O97	3EL7		Sc=6.6568, min distance = 1.8633330
ETFB_METME	Fu: 25011745	SRC_CHICK	Fu: 6083 aden	3DQX	1O97	3EL8		Sc=6.59741, min distance = 1.762970
ETFB_METME	Fu: 447832 AD	ACSA_SALTY	Fu: 6083 aden	2P2F	1O97	1PG4	0.99	Sc=6.52986, min distance = 2.010330
ETFB_METME	Fu: 5327121 1	PIM1_HUMAN	Fu: 6083 aden	1YXU	1O97	2C3I		Sc=6.33791, min distance = 2.176570
ETFB_METME	Fu: 6030 Uric	ECX1_SULSO	Fu: 6083 aden	2C38	1O97	2C37		Sc=6.34561, min distance = 2.348690
ETFB_METME	Fu: 6076 Cyc1	PDE10_HUMAN	Fu: 6083 aden	2OUN	1O97	2OUR	0.99	Sc=6.34436, min distance = 2.015540

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ETFB_METME	Ft	6419789	HASP_HUMAN	Fu	6083	aden	3DLZ	1097	3E7V		Sc=6.33275, min distance = 2.32197
ETFB_METME	Ft	656968	PDE4B_HUMAN	Ft	6083	aden	1ROR	1097	1Y2H		Sc=6.03552, min distance = 2.03064
ETFB_METME	Ft	657135	PIM1_HUMAN	Fu	6083	aden	1YXU	1097	1YXV		Sc=5.94459, min distance = 2.13935
ETFB_PARDE	Ft	24180721	PIM1_HUMAN	Fu	6083	aden	1YXU	1EFP	3C4E		Sc=6.08028, min distance = 2.42618
ETFB_PARDE	Ft	2519	PYGM_RABIT	Fu	6083	aden	8GPB	1EFP	1GFZ		Sc=5.86511, min distance = 1.98106
ETFB_PARDE	Ft	445708	NADE_ECOLI	Fu	6083	aden	1WXI	1EFP	1WXE	0.91	Sc=6.48562, min distance = 0.18607
ETFB_PARDE	Ft	656964	PDE4D_HUMAN	Ft	6083	aden	1TB7	1EFP	1Y2C		Sc=6.00296, min distance = 1.70504
ETFB_PARDE	Ft	656968	PDE4B_HUMAN	Ft	6083	aden	1ROR	1EFP	1Y2H		Sc=6.02538, min distance = 1.94868
ETFB_PARDE	Ft	657135	PIM1_HUMAN	Fu	6083	aden	1YXU	1EFP	1YXV		Sc=5.91029, min distance = 2.41231
ETFB_PARDE	Ft	8582	PURA1_MOUSE	Ft	6083	aden	1MF0	1EFP	1IWE	0.79	Sc=6.47253, min distance = 0.86746
ETFB_PARDE	Ft	8582	PYGM_RABIT	Fu	6083	aden	8GPB	1EFP	2QN7	0.79	Sc=6.43876, min distance = 2.39970
ETFD_PIG	Ful	11987634	GLPD_ECOLI	Fu	444188	CI	2QCU	2GMH	2R4E	0.97	Sc=6.44263, min distance = 1.86886
ETFD_PIG	Ful	16740985	FRDA_SHEFR	Fu	444188	CI	1M64	2GMH	1E93	0.93	Sc=6.43459, min distance = 2.20955
ETFD_PIG	Ful	16741253	LSD1_HUMAN	Fu	444188	CI	2DW4	2GMH	2UXN	0.95	Sc=6.44112, min distance = 2.32548
ETFD_PIG	Ful	444502	FRDA_SHEFR	Fu	444188	CI	1M64	2GMH	1QJD	0.98	Sc=6.43576, min distance = 2.19517
ETFD_PIG	Ful	444502	TYTR_TRYCR	Fu	444188	CI	1BZL	2GMH	1GXF	0.98	Sc=6.44504, min distance = 2.57505
ETFD_PIG	Ful	446013	O28603_ARCFU	I	444188	CI	1JNR	2GMH	1JNZ	0.94	Sc=6.44388, min distance = 2.03955
ETFD_PIG	Ful	446013	O28604_ARCFU	I	444188	CI	1JNR	2GMH	1JNZ	0.94	Sc=6.44388, min distance = 2.04891
ETR1_CANTR	Ft	440141	G6PD_LEUME	Fu	5886	NADF	1H9A	1GUF	1E7Y		Sc=5.82314, min distance = 2.24900
ETR1_CANTR	Ft	440334	DAPB_ECOLI	Fu	5886	NADF	1DIH	1GUF	1DRW	0.91	Sc=5.98885, min distance = 2.40533
EXG_CANAL	Fu	124434	BGLA_THEMA	Fu	54445	cas	2CBU	1EQC	2CBV	0.79	Sc=5.92801, min distance = 2.53164
EXG_CANAL	Fu	16214802	Q2PS28_9PSED	I	54445	cas	2PWG	1EQC	2PWE		Sc=6.44176, min distance = 2.18867
EXG_CANAL	Fu	16741013	CARP_YEAST	Fu	64689	bet	1FQ4	2PC8	1FQ6		Sc=5.71966, min distance = 2.20604
EXG_CANAL	Fu	16741014	CARP_YEAST	Fu	64689	bet	1FQ4	2PC8	1FQ7		Sc=5.73598, min distance = 2.35080
EXG_CANAL	Fu	24963032	BGLA_THEMA	Fu	54445	cas	2CBU	1EQC	2VRJ		Sc=6.13104, min distance = 2.45227
EXG_CANAL	Fu	444809	GUX2_TRIRE	Fu	64689	bet	1QK0	2PC8	1QJW	0.78	Sc=5.70694, min distance = 2.75113
EXG_CANAL	Fu	444809	Q79G13_MYCTU	I	64689	bet	1UP0	2PC8	1UOZ	0.78	Sc=5.80345, min distance = 1.46581
EXG_CANAL	Fu	445999	GUN5_BACAG	Fu	64689	bet	1W3L	2PC8	1H5V	0.77	Sc=5.62862, min distance = 2.17223
EXG_CANAL	Fu	447600	GUX6_HUMIN	Fu	64689	bet	1OCN	2PC8	1OCB	0.83	Sc=5.68985, min distance = 2.37059
EXG_CANAL	Fu	447601	GUX6_HUMIN	Fu	64689	bet	1OCN	2PC8	1OCB		Sc=5.74009, min distance = 2.22223
EXG_CANAL	Fu	447607	BGLA_THEMA	Fu	54445	cas	2CBU	1EQC	1OIF		Sc=5.74975, min distance = 2.53003
EXG_CANAL	Fu	447607	Q79G13_MYCTU	I	64689	bet	1UP0	2PC8	1UP2		Sc=5.89688, min distance = 0.75562
EXG_CANAL	Fu	447651	BGLA_THEMA	Fu	54445	cas	2CBU	1EQC	2J77		Sc=5.85925, min distance = 2.44192
EXG_CANAL	Fu	5327083	GUN2_THEFU	Fu	64689	bet	2BOF	2PC8	2BOD		Sc=5.88823, min distance = 0.76325
EXTL2_MOUSE	I	17473	B3GA3_HUMAN	Ft	6031	Urid	3CU0	1ON8	1KWS	0.78	Sc=6.62468, min distance = 2.30597
EXTL2_MOUSE	I	6030	PYRH_ECOLI	Fu	6031	Urid	2BND	1ON8	2BNE	0.99	Sc=6.28339, min distance = 2.14252
EXTL2_MOUSE	I	6132	ECX1_PYRAB	Fu	6031	Urid	2PNZ	1ON8	2PO2	0.83	Sc=5.87838, min distance = 2.01017

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EXTL2_MOUSE	1	8629	UDP	MGAT1_RABIT	Fu	6031	Urid	2AM5	1ON8	2AM3	0.89	Sc=6.17064, min distance = 2.01733
EXTL2_MOUSE	1	8629	UDP	OTSA_ECOLI	Fu	6031	Urid	1GZ5	1ON8	1UQU	0.89	Sc=6.62135, min distance = 1.67937
EXTL2_MOUSE	1	8977	1dar	RIR1_YEAST	Fu	6031	Urid	2CVV	1ON8	2CVW		Sc=6.02881, min distance = 2.25807
F16P1_PIG	Fu	1400	nche	RET_HUMAN	Fu	6083	aden	2IVT	2F3D	2IVV		Sc=6.27823, min distance = 2.07426
F16P1_PIG	Fu	3758	IBMX	PDE4D_HUMAN	Fu	6083	aden	1TB7	2F3D	1ZKN		Sc=5.87651, min distance = 2.30035
F16P1_PIG	Fu	439427	Rc	CGGR_BACSU	Fu	440641	1r	3BXH	1NUW	3BXG	0.89	Sc=5.98919, min distance = 2.48598
F16P1_PIG	Fu	449190	1x	PDE4B_HUMAN	Fu	6083	aden	1ROR	2F3D	1XM6		Sc=5.94462, min distance = 2.24948
F16P1_PIG	Fu	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2F3D	1YXX		Sc=6.15834, min distance = 1.49501
F16P1_PIG	Fu	656968	1y	PDE4B_HUMAN	Fu	6083	aden	1ROR	2F3D	1Y2H		Sc=5.79232, min distance = 1.67228
F16P1_PIG	Fu	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2F3D	1YXV		Sc=5.78719, min distance = 2.58786
F16PA_ECOLI	1	107737	ir	SUHB_ARCFU	Fu	10267	Har	1LBZ	2Q8M	1LBX	0.75	Sc=6.0693, min distance = 1.70390
F16PA_ECOLI	1	439162	gl	F261_RAT	Full	440641	1r	1TIP	2OWZ	1C7Z		Sc=5.70473, min distance = 0.94958
F16PA_ECOLI	1	439427	Rc	CGGR_BACSU	Fu	440641	1r	3BXH	2OWZ	3BXG	0.89	Sc=5.96982, min distance = 2.40036
F16PA_ECOLI	1	444848	F6	F16P1_PIG	Full	105021	Fr	2QVU	2QVR	1CNQ	0.98	Sc=5.93931, min distance = 2.40531
F16PA_ECOLI	1	6083	ader	O57693_THETE	1	440641	1r	1UXR	2OWZ	1UXU		Sc=6.34658, min distance = 2.08964
F17AG_ECOLX	1	185698	al	MBL2_RAT	Full	24139	ace	1KZD	2BSC	1RDL		Sc=5.82145, min distance = 2.35152
F17AG_ECOLX	1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	2BSC	3BJM	0.91	Sc=6.05676, min distance = 2.25814
F17AG_ECOLX	1	444863	is	MBL2_RAT	Full	24139	ace	1KZD	2BSC	1RDJ		Sc=5.70694, min distance = 2.33460
F17AG_ECOLX	1	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	2BSC	1YIL		Sc=5.76685, min distance = 2.76571
F17BG_ECOLX	1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	2BS8	3BJM	0.91	Sc=6.05676, min distance = 1.76526
F17BG_ECOLX	1	444863	is	MBL2_RAT	Full	24139	ace	1KZD	2BS8	1RDJ		Sc=5.72788, min distance = 2.45047
F17EG_ECOLX	1	185698	al	MBL2_RAT	Full	24139	ace	1KZD	2BSB	1RDL		Sc=5.83634, min distance = 2.35387
F17EG_ECOLX	1	4369268	C	Q309D1_9AGAR	1	24139	ace	2C4D	2BSB	2BWM	0.88	Sc=6.06486, min distance = 1.66582
F17EG_ECOLX	1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	2BSB	3BJM	0.91	Sc=6.05873, min distance = 2.20744
F17EG_ECOLX	1	444863	is	MBL2_RAT	Full	24139	ace	1KZD	2BSB	1RDJ		Sc=5.71966, min distance = 2.37944
F17EG_ECOLX	1	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	2BSB	1YIL		Sc=5.80183, min distance = 2.77812
F17FG_ECOLX	1	185698	al	MBL2_RAT	Full	24139	ace	1KZD	1ZK5	1RDL		Sc=5.82145, min distance = 2.31225
F17FG_ECOLX	1	4369268	C	Q309D1_9AGAR	1	24139	ace	2C4D	1ZK5	2BWM	0.88	Sc=6.0535, min distance = 1.92774
F17FG_ECOLX	1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	1ZK5	3BJM	0.91	Sc=6.04584, min distance = 2.17623
F17FG_ECOLX	1	444863	is	MBL2_RAT	Full	24139	ace	1KZD	1ZK5	1RDJ		Sc=5.69804, min distance = 2.30263
F17FG_ECOLX	1	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	1ZK5	1YIL		Sc=5.89381, min distance = 2.63488
F17GG_ECOLX	1	16058615		LYSC_CHICK	Fu	24139	ace	1LZB	1OIO	2H9J		Sc=5.93784, min distance = 2.42217
F17GG_ECOLX	1	185698	al	MBL2_RAT	Full	24139	ace	1KZD	1OIO	1RDL		Sc=5.84504, min distance = 2.16779
F17GG_ECOLX	1	439353	be	MBL2_RAT	Full	24139	ace	1KZD	1OIO	1RDK		Sc=5.84332, min distance = 2.30559
F17GG_ECOLX	1	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	1OIO	3BJM	0.91	Sc=6.06561, min distance = 1.87466
F17GG_ECOLX	1	444863	is	MBL2_RAT	Full	24139	ace	1KZD	1OIO	1RDJ		Sc=5.72788, min distance = 2.24571
F17GG_ECOLX	1	64689	bet	LEG3_HUMAN	Fu	24139	ace	1KJL	1OIO	2NMO		Sc=5.8196, min distance = 2.50870

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F17GG_ECOLX	1	656981	CL	LYSC_CHICK	Fu:	24139	ace	1LZB	1OIO	1YIL		Sc=5.92645, min distance = 2.347795
F261_RAT	Fu:	439427	Rd	CGGR_BACSU	Fu:	440641	1r	3BXH	1TIP	3BXG	0.89	Sc=5.90916, min distance = 2.032194
F261_RAT	Fu:	443201	DG	PDXJ_ECOLI	Fu:	439162	g1	1IXO	1C7Z	1M5W		Sc=5.77551, min distance = 1.376898
F261_RAT	Fu:	446381	1v	PDXJ_ECOLI	Fu:	439162	g1	1IXO	1C7Z	1IXN		Sc=5.63725, min distance = 1.295145
F261_RAT	Fu:	6083	ader	O57693_THETE	1	440641	1r	1UXR	1TIP	1UXU		Sc=5.89119, min distance = 2.427312
F261_RAT	Fu:	7478	p-Ar	PA28_DABRR	Fu:	439162	g1	1Y38	1C7Z	1SV3		Sc=5.63106, min distance = 1.020027
F263_HUMAN	Ft:	1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1H1Q		Sc=6.37965, min distance = 1.753194
F263_HUMAN	Ft:	23653518		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	2R3J		Sc=6.27123, min distance = 2.006874
F263_HUMAN	Ft:	447649	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1OI9		Sc=6.44418, min distance = 1.701583
F263_HUMAN	Ft:	447655	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1OIU		Sc=6.40253, min distance = 1.984541
F263_HUMAN	Ft:	447656	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1OII		Sc=6.51722, min distance = 1.553817
F263_HUMAN	Ft:	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1H1R		Sc=6.38349, min distance = 1.778380
F263_HUMAN	Ft:	5289411	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1OGU		Sc=6.53636, min distance = 2.122501
F263_HUMAN	Ft:	656971	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1Y8Y		Sc=6.03372, min distance = 2.031491
F263_HUMAN	Ft:	9547890	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	1W8C		Sc=6.28422, min distance = 1.601612
F263_HUMAN	Ft:	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AXN	2VTJ		Sc=5.90833, min distance = 1.956184
F264_RAT	Fu:	15993	dAT	PRIM_BPT7	Fu:	33113	gar	1E0J	2BIF	1CR2	0.97	Sc=6.48097, min distance = 1.506426
F264_RAT	Fu:	188966	dA	HSLU_ECOLI	Fu:	33113	gar	1E94	2BIF	1G4A	0.97	Sc=6.41112, min distance = 2.131354
F264_RAT	Fu:	30951	alc	PGH1_SHEEP	Fu:	62852	B-C	1Q4G	3BIF	1HT8		Sc=5.95942, min distance = 0.798005
F264_RAT	Fu:	439427	Rd	CGGR_BACSU	Fu:	440641	1r	3BXH	2BIF	3BXG	0.89	Sc=5.97275, min distance = 1.817510
F264_RAT	Fu:	444279	1s	OMPG_ECOLI	Fu:	62852	B-C	2IWW	3BIF	2IWW		Sc=5.93207, min distance = 1.076115
F264_RAT	Fu:	446721	CI	ASSY_THET8	Fu:	33113	gar	1KOR	2BIF	1KH2	0.93	Sc=6.48483, min distance = 1.447876
FA10_HUMAN	Ft:	183797	Me	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1K1P	55.9	Sc=6.65174, min distance = 2.379291
FA10_HUMAN	Ft:	183797	Me	TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	1K1P	55.9	Sc=6.66527, min distance = 2.275176
FA10_HUMAN	Ft:	2386	CID2	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1C1T	55.9 0.91	Sc=6.58247, min distance = 2.254625
FA10_HUMAN	Ft:	2386	CID2	TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	1C1T	55.9	Sc=6.59235, min distance = 2.134575
FA10_HUMAN	Ft:	24963036		TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	2ZDM	55.9	Sc=6.52426, min distance = 2.131321
FA10_HUMAN	Ft:	445296	BE	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1EB2	55.9	Sc=6.62737, min distance = 2.360374
FA10_HUMAN	Ft:	445296	BE	TRY1_BOVIN	Fu:	5497056	1	1F0U	1EZQ	1EB2	55.9 0.81	Sc=6.63988, min distance = 2.129585
FA10_HUMAN	Ft:	5326542	A	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1GHZ	55.9	Sc=6.27537, min distance = 2.149450
FA10_HUMAN	Ft:	5326542	A	TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	1GHZ	55.9	Sc=6.29466, min distance = 2.177350
FA10_HUMAN	Ft:	5326544	C	TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	1GI4	55.9	Sc=6.30968, min distance = 2.015375
FA10_HUMAN	Ft:	5326923	1	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1Y3Y	55.9	Sc=6.19842, min distance = 2.347941
FA10_HUMAN	Ft:	5326923	1	TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	1Y3Y	55.9	Sc=6.22206, min distance = 2.263211
FA10_HUMAN	Ft:	5326925	1	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1Y5A	55.9	Sc=6.40391, min distance = 2.387606
FA10_HUMAN	Ft:	5494448	1	TRY1_BOVIN	Fu:	9600423	1	1OYQ	1G2L	1YP9	55.9	Sc=6.39216, min distance = 2.249226
FA10_HUMAN	Ft:	5496535	2	TRY1_BOVIN	Fu:	445756	1g	1G36	1G2M	1G3B	55.9	Sc=6.22932, min distance = 2.509747

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FAB10_HUMAN	F	9547939	2	TRY1_BOVIN	Fu	9600423	1	1OYQ	1G2L	2G5N	55.9	Sc=6.13816, min distance = 2.003380
FAB10_HUMAN	F	9547940	0	TRY1_BOVIN	Fu	5497056	1	1F0U	1EZQ	2G5V	55.9	Sc=6.12036, min distance = 2.110032
FAB10_HUMAN	F	9547940	0	TRY1_BOVIN	Fu	9600423	1	1OYQ	1G2L	2G5V	55.9	Sc=6.11464, min distance = 2.209674
FABG1_BRANA	I	15942680	0	6PGD_LACLM	Fu	5886	NADF	2IZ0	1EDO	2IZ1		Sc=6.21784, min distance = 2.127130
FABG1_BRANA	I	440141	9	DHB1_HUMAN	Fu	5886	NADF	1QYV	1EDO	1QYW		Sc=6.39666, min distance = 2.050527
FABG_ECOLI	F	15942680	0	6PGD_LACLM	Fu	5886	NADF	2IZ0	1Q7B	2IZ1		Sc=5.70939, min distance = 2.543528
FABG_ECOLI	F	440141	9	DHB1_HUMAN	Fu	5886	NADF	1QYV	1Q7B	1QYW		Sc=5.85476, min distance = 2.702660
FABG_ECOLI	F	440141	9	G6PD_LEUME	Fu	165230	1a	2DPG	1Q7C	1E7Y	0.99	Sc=5.88603, min distance = 2.027900
FABG_ECOLI	F	440141	9	G6PD_LEUME	Fu	5886	NADF	1H9A	1Q7B	1E7Y		Sc=5.90326, min distance = 2.250010
FABI_BRANA	F	446185	D	FABI_ECOLI	Fu	5564	tric	1QSG	1D70	1I2Z		Sc=5.72476, min distance = 2.170390
FABI_ECOLI	F	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	1QSG	1I3K	0.79	Sc=6.74234, min distance = 2.475300
FABI_ECOLI	F	439153	D	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	1QSG	1V35	0.79	Sc=6.74044, min distance = 2.488979
FABI_ECOLI	F	445794	A	ADHX_HUMAN	Fu	5893	nadi	2FZW	1QSG	2FZE		Sc=5.88916, min distance = 1.287390
FABI_HELPE	F	11957405	0	INHA_MYCTU	Fu	5564	tric	2B35	2PD3	2H7P	35.27	Sc=6.15327, min distance = 2.189990
FABI_HELPE	F	2266114	0	INHA_MYCTU	Fu	5564	tric	2B35	2PD3	2H7I	35.27	Sc=6.24608, min distance = 0.757082
FABI_HELPE	F	439153	D	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	2PD4	1V35	34.25	0.79 Sc=6.30628, min distance = 1.998420
FABI_HELPE	F	446288	N	G3P_PALVE	Fu	5893	nadi	1DSS	2PD4	1IHX		Sc=6.78861, min distance = 1.311079
FABI_HELPE	F	447370	C	Q9BH77_PLAFA	I	5564	tric	2O2Y	2PD3	1NHW	36.51	Sc=5.87731, min distance = 1.450617
FABI_HELPE	F	447409	C	Q9BH77_PLAFA	I	5564	tric	2O2Y	2PD3	1NNU	36.51	0.76 Sc=6.05832, min distance = 1.341057
FABI_HELPE	F	447767	p	INHA_MYCTU	Fu	5893	nadi	2H7I	2PD4	1P44	35.27	Sc=6.2398, min distance = 0.8174894
FABI_HELPE	F	6852148	2	Q9BH77_PLAFA	I	5564	tric	2O2Y	2PD3	1ZW1	36.51	0.79 Sc=5.96752, min distance = 0.714436
FABP1_ECHGR	I	12389	Tet	LTC4S_HUMAN	F	985	palmi	2UUh	1O8V	2UUI		Sc=5.95001, min distance = 2.011919
FABP1_ECHGR	I	14253	Cet	FABP4_MOUSE	F	985	palmi	1LIE	1O8V	1LIC		Sc=5.69027, min distance = 2.026850
FABP1_ECHGR	I	16741231	0	LTC4S_HUMAN	F	985	palmi	2UUh	1O8V	2PNO		Sc=6.19301, min distance = 0.795676
FABP2_MANSE	I	14253	Cet	FABP4_MOUSE	F	985	palmi	1LIE	1MDC	1LIC		Sc=5.68198, min distance = 2.168022
FABP2_MANSE	I	14368760	0	LPXC_AQUAE	Fu	985	palmi	2GO3	1MDC	2O3Z		Sc=5.85497, min distance = 2.278384
FABP2_MANSE	I	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1MDC	1BSO	0.83	Sc=5.74093, min distance = 2.071420
FABP4_MOUSE	I	151008	N	CPXB_BACME	Fu	985	palmi	1FAG	1LIE	1JPZ		Sc=6.23388, min distance = 2.318409
FABP4_MOUSE	I	16741231	0	LTC4S_HUMAN	F	985	palmi	2UUh	1LIE	2PNO		Sc=5.88518, min distance = 0.796829
FABP4_MOUSE	I	447234	H	EST1_HUMAN	Fu	985	palmi	2DQY	1LIE	1MX5		Sc=5.98219, min distance = 0.800028
FABP4_MOUSE	I	448769	1t	FABP4_HUMAN	F	985	palmi	2HNX	1LIE	1TOW		Sc=5.81825, min distance = 2.778510
FABPH_HUMAN	I	449171	A	RXRA_MOUSE	Fu	5281	stea	1DKF	1HMR	1XDK		Sc=6.01653, min distance = 1.976142
FABPI_RAT	Fu	12389	Tet	LTC4S_HUMAN	F	985	palmi	2UUh	2IFB	2UUI		Sc=5.95001, min distance = 1.065692
FABPI_RAT	Fu	14253	Cet	FABP4_MOUSE	F	985	palmi	1LIE	2IFB	1LIC		Sc=5.67679, min distance = 2.756617
FABPI_RAT	Fu	14368760	0	LPXC_AQUAE	Fu	11005	Tet	1P42	1ICM	2O3Z		Sc=5.94101, min distance = 1.516310
FABPI_RAT	Fu	14368760	0	LPXC_AQUAE	Fu	985	palmi	2GO3	2IFB	2O3Z		Sc=5.97731, min distance = 1.796324
FABPI_RAT	Fu	8209	Myr	ABL1_MOUSE	Fu	11005	Tet	1OPK	1ICM	1OPJ		Sc=5.70849, min distance = 2.264070

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FABPL_DANRE	1	4369567	N	EST1_HUMAN	Fu	221493	ch	2DQY	2Q04	1YA8		Sc=6.13326, min distance = 1.45774
FABP_SCHMA	F	10467	Ar	ALBU_HUMAN	Fu	445639	ol	1GNI	1VYF	1GNJ	0.77	Sc=6.06851, min distance = 2.28346
FABP_SCHMA	F	12530	n-T	ALBU_HUMAN	Fu	445639	ol	1GNI	1VYF	1HK4		Sc=5.92379, min distance = 0.54511
FABP_SCHMA	F	2969	Deca	ALBU_HUMAN	Fu	445639	ol	1GNI	1VYF	2VDB		Sc=5.69787, min distance = 2.10628
FABP_SCHMA	F	3893	laur	ALBU_HUMAN	Fu	445639	ol	1GNI	1VYF	1E7G		Sc=5.91243, min distance = 0.86820
FABP_SCHMA	F	4943	prop	ALBU_HUMAN	Fu	445639	ol	1GNI	1VYF	1E7A		Sc=5.70899, min distance = 2.08104
FABP_SCHMA	F	8158	Pela	ALBU_HUMAN	Fu	445639	ol	1GNI	1VYF	1E7E		Sc=5.61837, min distance = 2.31840
FADB_PSEFR	F	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	1WDK	2PKR		Sc=6.021, min distance = 2.2549760
FADB_PSEFR	F	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1WDK	1I3K	0.79	Sc=6.70433, min distance = 2.02892
FADB_PSEFR	F	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1WDK	9LDT	0.77	Sc=6.29069, min distance = 1.93470
FADB_PSEFR	F	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1WDK	1DEH	0.79	Sc=5.99444, min distance = 1.71969
FADB_PSEFR	F	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1WDK	1UDB	0.79	Sc=6.2748, min distance = 2.202539
FADB_PSEFR	F	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1WDK	2FZE		Sc=5.80777, min distance = 2.38148
FADB_PSEFR	F	446050	CI	G3P_HUMAN	Full	5893	nadi	1U8F	1WDK	3GPD	0.95	Sc=6.28714, min distance = 1.66415
FADB_PSEFR	F	446288	NA	G3P_PALVE	Full	5893	nadi	1DSS	1WDK	1IHX		Sc=6.79273, min distance = 0.78332
FADB_PSEFR	F	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1WDK	2BJA		Sc=6.19685, min distance = 2.16330
FADB_PSEFR	F	6102710	A	Q4PRK9_PLAVI	1	5893	nadi	2A92	1WDK	2AA3	0.95	Sc=5.99708, min distance = 1.71924
FADB_PSEFR	F	9547960	A	NPD_THEMA	Full	5893	nadi	2H4H	1WDK	2H59		Sc=5.66375, min distance = 1.99050
FADH_ECOLI	F	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	1PS9	2R4E	0.97	Sc=6.39982, min distance = 2.31862
FADH_ECOLI	F	11987634		TYTR_TRYCR	Fu	444188	CI	1BZL	1PS9	1AOG	0.97	Sc=6.41314, min distance = 2.22690
FADH_ECOLI	F	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1PS9	2IZ1		Sc=6.31047, min distance = 0.84566
FADH_ECOLI	F	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1PS9	1E39	0.93	Sc=6.4018, min distance = 2.577268
FADH_ECOLI	F	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1PS9	1BWC	0.98	Sc=6.4018, min distance = 2.355128
FADH_ECOLI	F	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1PS9	1LTD	0.77	Sc=6.15119, min distance = 2.04826
FADH_ECOLI	F	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1PS9	1Y0P	0.97	Sc=6.39874, min distance = 2.56201
FADH_PSEPU	F	11987786		LDH_PLAFD	Full	5893	nadi	1T2D	1KOL	1T2E	0.77	Sc=6.78198, min distance = 2.51965
FADH_PSEPU	F	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1KOL	1DEH	0.79	Sc=6.7933, min distance = 2.025108
FADH_PSEPU	F	439153	Di	CTBP1_RAT	Full	5893	nadi	1HKU	1KOL	1HL3	0.79	Sc=6.78309, min distance = 2.08900
FADH_PSEPU	F	440141	9i	G6PD_LEUME	Fu	5893	nadi	1H94	1KOL	1E7Y		Sc=6.41376, min distance = 2.47258
FADH_PSEPU	F	440516	CI	MDH_THETH	Full	5893	nadi	1BMD	1KOL	1BDM	0.79	Sc=6.79232, min distance = 2.11535
FADH_PSEPU	F	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1KOL	2FZE		Sc=6.63717, min distance = 2.12311
FADH_PSEPU	F	6420113	C	MDH_THETH	Full	5893	nadi	1BMD	1KOL	1WZI	0.77	Sc=6.65767, min distance = 2.20353
FADL_ECOLI	F	350021	Og	AOFB_HUMAN	Fu	444279	1s	1OJD	1T16	1OJC		Sc=5.87515, min distance = 1.23119
FADL_ECOLI	F	445070	fa	AOFB_HUMAN	Fu	444279	1s	1OJD	1T16	2BK3		Sc=5.82254, min distance = 1.66582
FADL_ECOLI	F	447661	2-	AOFB_HUMAN	Fu	444279	1s	1OJD	1T16	1OJB		Sc=5.61343, min distance = 0.92801
FAEA_ASPNG	F	19844	Met	XYNY_CLOTM	Fu	445858	fe	1GKL	1UWC	1WB6	0.88	Sc=5.72254, min distance = 2.66778
FAEA_ASPNG	F	70164	Met	XYNY_CLOTM	Fu	445858	fe	1GKL	1UWC	1WB5	0.84	Sc=5.84265, min distance = 2.35396

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FAK1_CHICK	F1	16040273	IRAK4_HUMAN	F1	33113	gar	2OID	2J0L	2OIC	30.77		Sc=6.43279, min distance = 1.354146	
FAK1_CHICK	F1	16058649	IGF1R_HUMAN	F1	33113	gar	1JQH	2J0L	2OJ9	41.7		Sc=6.46229, min distance = 2.152101	
FAK1_CHICK	F1	188966	dHSLU_ECOLI	Fu	33113	gar	1E94	2J0L	1G4A	0.97		Sc=5.85032, min distance = 1.740652	
FAK1_CHICK	F1	24779674	CSK2A_MAIZE	F1	33113	gar	1LP4	2J0L	2PVH	23.79		Sc=5.99391, min distance = 2.342649	
FAK1_CHICK	F1	3064778	HROCK1_HUMAN	F1	33113	gar	2V55	2J0L	2ETK	25.81		Sc=6.01669, min distance = 2.209052	
FAK1_CHICK	F1	3547	FasuROCK1_HUMAN	F1	33113	gar	2V55	2J0L	2ESM	25.81		Sc=5.88721, min distance = 2.669441	
FAK1_CHICK	F1	36735	GppCSK2A_MAIZE	F1	33113	gar	1LP4	2J0L	1DAY	23.79	0.8	Sc=5.97957, min distance = 2.053395	
FAK1_CHICK	F1	444345	1cIRAK4_HUMAN	F1	33113	gar	2OID	2J0L	2NRY	30.77		Sc=6.33838, min distance = 2.046702	
FAK1_CHICK	F1	444367	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	2J0L	1OM1	23.79		Sc=6.09998, min distance = 2.091211
FAK1_CHICK	F1	448043	2cROCK1_HUMAN	F1	33113	gar	2V55	2J0L	3D9V	25.81		Sc=5.90045, min distance = 2.582811	
FAK1_CHICK	F1	5281701	T	PIM1_HUMAN	Fu	33113	gar	1XR1	2J0L	2O65	26.67		Sc=6.25732, min distance = 2.383262
FAK1_CHICK	F1	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2J0L	1UV5	28.87		Sc=6.19336, min distance = 2.304882
FAK1_CHICK	F1	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2J0L	1Q41	28.87		Sc=6.16603, min distance = 2.349185
FAK1_CHICK	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2J0L	2ERZ			Sc=6.08504, min distance = 2.115335
FAK1_CHICK	F1	6083	ader	PIM1_HUMAN	Fu	33113	gar	1XR1	2J0L	1YXU	26.67	0.97	Sc=6.25878, min distance = 2.356371
FAK1_CHICK	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	2J0L	1Q97		0.93	Sc=6.15212, min distance = 2.252785
FAK1_CHICK	F1	60961	ade	STK6_HUMAN	Fu	33113	gar	2DWB	2J0L	1MUO	31.17	0.93	Sc=6.2204, min distance = 2.2572815
FAK1_CHICK	F1	611002	Og	PIM1_HUMAN	Fu	33113	gar	1XR1	2J0L	1YXX	26.67		Sc=6.00356, min distance = 2.991944
FAK1_CHICK	F1	91532	AMF	PURT_ECOLI	Fu	33113	gar	1EYZ	2J0L	1KJI	0.99		Sc=5.98685, min distance = 2.768462
FAK1_HUMAN	F1	11708454	KAPCA_BOVIN	F1	5957	Aden	1Q24	2IJM	2VNW	26.64		Sc=6.04274, min distance = 2.058235	
FAK1_HUMAN	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1H1Q	31.79		Sc=6.41748, min distance = 1.412761
FAK1_HUMAN	F1	15602982	KAPCA_BOVIN	F1	5957	Aden	1Q24	2IJM	2UW6	26.64		Sc=6.03283, min distance = 2.033175	
FAK1_HUMAN	F1	16122607	PDPK1_HUMAN	F1	5957	Aden	2BIY	2IJM	2PE0	23.95		Sc=6.15459, min distance = 2.216217	
FAK1_HUMAN	F1	1707	1fvt	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1FVT	31.79		Sc=6.20316, min distance = 2.632081
FAK1_HUMAN	F1	17754396	PDPK1_HUMAN	F1	5957	Aden	2BIY	2IJM	2R7B	23.95		Sc=6.29557, min distance = 2.251981	
FAK1_HUMAN	F1	2398	bisi	PDPK1_HUMAN	F1	5957	Aden	2BIY	2IJM	1UU9	23.95		Sc=6.45307, min distance = 2.296057
FAK1_HUMAN	F1	2403	1uvr	PDPK1_HUMAN	F1	5957	Aden	2BIY	2IJM	1UVR	23.95		Sc=6.38962, min distance = 2.319145
FAK1_HUMAN	F1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1JSV	31.79		Sc=5.9417, min distance = 2.6779471
FAK1_HUMAN	F1	36735	Gpp	Q9RVK2_DEIRA	1	5957	Aden	1SU2	2IJM	1SZ3	0.8		Sc=6.05376, min distance = 1.656915
FAK1_HUMAN	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	2IJM	1COW	0.91		Sc=6.39176, min distance = 2.135875
FAK1_HUMAN	F1	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1GII	31.79		Sc=6.28761, min distance = 2.268352
FAK1_HUMAN	F1	445841	py	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1GIJ	31.79		Sc=6.45278, min distance = 2.459715
FAK1_HUMAN	F1	446704	LS	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1KE6	31.79		Sc=6.32546, min distance = 2.689146
FAK1_HUMAN	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1OI9	31.79		Sc=6.43846, min distance = 1.896795
FAK1_HUMAN	F1	447652	In	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1OIQ	31.79		Sc=6.19202, min distance = 2.323596
FAK1_HUMAN	F1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1OIT	31.79		Sc=6.26343, min distance = 2.778971
FAK1_HUMAN	F1	447656	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1OII	31.79		Sc=6.54371, min distance = 1.510001

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FAK1_HUMAN	F1	447766	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1P2A	31.79	Sc=6.30498, min distance = 2.057945
FAK1_HUMAN	F1	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1PF8	31.79	Sc=6.13298, min distance = 2.231985
FAK1_HUMAN	F1	447962	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	2C5N	31.79	Sc=6.28728, min distance = 0.791695
FAK1_HUMAN	F1	448005	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	1MP8	1Q3W	29.89	Sc=6.28104, min distance = 2.146455
FAK1_HUMAN	F1	448310	CI	KIPN_BPT4	Fu	6022	Aden	1LTQ	1MP8	1RC8		Sc=5.74234, min distance = 2.258595
FAK1_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1H1R	31.79	Sc=6.3641, min distance = 1.9827235
FAK1_HUMAN	F1	4566	1h1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1H1S	31.79	Sc=6.39063, min distance = 1.911825
FAK1_HUMAN	F1	5287844	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	1MP8	1UV5	29.89	Sc=6.34059, min distance = 2.127555
FAK1_HUMAN	F1	5288708	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1KE5	31.79	Sc=6.12862, min distance = 2.803485
FAK1_HUMAN	F1	5288711	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1KE8	31.79	Sc=6.30438, min distance = 2.690105
FAK1_HUMAN	F1	5288712	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1KE9	31.79	Sc=6.32316, min distance = 2.599795
FAK1_HUMAN	F1	5326739	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	1MP8	1Q41	29.89	Sc=6.30951, min distance = 2.333245
FAK1_HUMAN	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1MP8	2ERZ		Sc=6.11441, min distance = 2.404425
FAK1_HUMAN	F1	6083	ader	ASSY_THET8	Fu	5957	Aden	1J1Z	2IJM	1J20	0.98	Sc=6.33257, min distance = 2.039295
FAK1_HUMAN	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	2IJM	2R85	0.98	Sc=6.2626, min distance = 2.337595
FAK1_HUMAN	F1	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	2UUE	31.79	Sc=6.3641, min distance = 1.9937465
FAK1_HUMAN	F1	6539118	g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MP8	1FVV	31.79	Sc=6.49098, min distance = 2.154815
FAK1_HUMAN	F1	6830	guar	Q381M1_9TRYP	I	5957	Aden	2Q0D	2IJM	2Q0E	0.8	Sc=5.67569, min distance = 2.058685
FAK1_HUMAN	F1	72271	7-H	PDPK1_HUMAN	F1	5957	Aden	2BIY	2IJM	1OKZ	23.95	Sc=6.46449, min distance = 2.205875
FAK1_HUMAN	F1	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	2IJM	1DAG	0.99	Sc=5.7014, min distance = 2.0224905
FAS1_YEAST	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	2UV8	1JRB		Sc=6.15622, min distance = 2.582935
FAS1_YEAST	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2UV8	1LTD	0.77	Sc=6.15567, min distance = 2.771645
FBPA_SERMA	F1	75791	Phe	SRC_HUMAN	Fu	311	citri	1O4L	1XVY	1O4P		Sc=5.71866, min distance = 2.772105
FBRL_HUMAN	F1	1103	spe	SPSY_HUMAN	Fu	439176	Me	3C6K	2IPX	3C6M		Sc=5.91065, min distance = 2.014935
FBRL_HUMAN	F1	65482	sir	MTR1_RHOSH	Fu	439176	Me	1EG2	2IPX	1NW6	0.8	Sc=5.76912, min distance = 2.324775
FBX2_MOUSE	F1	445948	D-	Q9HYN5_PSEAE	I	185698	al	1OVS	2E33	1OXC		Sc=5.63307, min distance = 2.100765
FCGRN_RAT	Fu	2249	ater	TRFL_BOVIN	Fu	439353	be	2DWJ	3FRU	2NUV		Sc=5.93894, min distance = 2.563755
FCN2_HUMAN	F1	20544	ACE	ACES_MOUSE	Fu	187	acety	2HA4	2J0H	2HA5		Sc=5.72978, min distance = 0.877705
FCN2_HUMAN	F1	79025	alg	MALE_ECOLI	Fu	64960	Pol	1LAX	2J0Y	1ANF	0.89	Sc=5.70531, min distance = 1.949635
FCTA_OXAFO	F1	445939	1g	PPTA_ECOLI	Fu	23831	HEP	1GYX	2VJQ	1GYG		Sc=5.67799, min distance = 2.116895
FCTA_OXAFO	F1	8200	TETF	Q8WSF8_APLCA	I	23831	HEP	2BR7	2VJQ	2BYN		Sc=5.76955, min distance = 0.827585
FDHB_DESGI	F1	854023	Eg	Q8WSF8_APLCA	I	23831	HEP	2BR7	1H0H	2BYQ		Sc=5.77975, min distance = 1.442375
FDHF_ECOLI	F1	445112	CI	DMSA_RHOCA	Fu	4369050	F	1H5N	2IV2	1DMS	25.8	Sc=6.80852, min distance = 2.269765
FDHF_ECOLI	F1	445198	CI	DMSA_RHOCA	Fu	4369050	F	1H5N	2IV2	1E61	25.8	0.98 Sc=6.80979, min distance = 2.185235
FDHF_ECOLI	F1	5326486	C	DMSA_RHOCA	Fu	4369050	F	1H5N	2IV2	1DMR	25.8	0.98 Sc=6.80788, min distance = 2.346585
FDH_PSESR	Fu	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	2NAD	1T2E	0.77	Sc=6.78354, min distance = 2.079095
FDH_PSESR	Fu	439153	D	ADH1B_HUMAN	F1	5893	nadi	1U3U	2NAD	1DEH	0.79	Sc=6.78586, min distance = 1.918815

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FDH_PSESR	Fu: 439153	Dh	ADH1E_HORSE	Fu: 5893	nadi	1MGO	2NAD	2JHF	0.79	Sc=6.78376, min distance = 2.33318
FDH_PSESR	Fu: 440516	CI	MDH_THETH	Fu: 5893	nadi	1BMD	2NAD	1BDM	0.79	Sc=6.79448, min distance = 2.11813
FDH_PSESR	Fu: 6102710	A	Q4PRK9_PLAVI	Fu: 5893	nadi	2A92	2NAD	2AA3	0.95	Sc=6.79345, min distance = 2.35229
FDNI_ECOLI	Fu: 11957353		HBB_HORSE	Fu: 444098	HE	2D5X	1KQF	1IWH	0.83	Sc=6.67401, min distance = 2.17099
FDNI_ECOLI	Fu: 11957355		CY1_BOVIN	Fu: 444098	HE	1L0N	1KQF	1L0L	0.77	Sc=6.67298, min distance = 2.13758
FDNI_ECOLI	Fu: 11957361		CY1_BOVIN	Fu: 444098	HE	1L0N	1KQF	1NTZ	0.8	Sc=6.67038, min distance = 2.00703
FDNI_ECOLI	Fu: 11957363		HBB_HUMAN	Fu: 444098	HE	1J40	1KQF	1RQA	0.77	Sc=6.72105, min distance = 2.00488
FDNI_ECOLI	Fu: 11957385		MYG_PHYCA	Fu: 444098	HE	1A6M	1KQF	2CMM		Sc=6.34098, min distance = 2.11425
FDNI_ECOLI	Fu: 126994	CI	CCPR_YEAST	Fu: 444098	HE	2EUT	1KQF	1Z53	0.77	Sc=6.66531, min distance = 2.29762
FDNI_ECOLI	Fu: 16741061		MYG_PHYCA	Fu: 444098	HE	1A6M	1KQF	1MBC	0.83	Sc=6.66708, min distance = 2.04455
FDNI_ECOLI	Fu: 24883662		MYG_HORSE	Fu: 444098	HE	2FRF	1KQF	1YMC	0.82	Sc=6.68176, min distance = 2.03848
FDNI_ECOLI	Fu: 5326621	CI	FRDD_ECOLI	Fu: 1561	HQNC	1KF6	1KQG	1L0V		Sc=6.09262, min distance = 1.82888
FECA_ECOLI	Fu: 11957399		PYRB_ECOLI	Fu: 311	citri	1R0B	1P00	2H3E		Sc=6.05137, min distance = 1.70162
FECA_ECOLI	Fu: 11987742		LHA4_RHOAC	Fu: 444279	1s	2FKW	1KMO	1NKZ		Sc=6.38863, min distance = 0.77795
FECA_ECOLI	Fu: 12136	Ber	POL_HV1N5	Fu: 311	citri	2GON	1P00	9HVP		Sc=5.66676, min distance = 0.79025
FECA_ECOLI	Fu: 12793	Ph	SRC_HUMAN	Fu: 311	citri	1O4L	1P00	1O4O		Sc=5.70866, min distance = 0.89791
FECA_ECOLI	Fu: 16750041		PYRB_ECOLI	Fu: 311	citri	1R0B	1P00	2IPO		Sc=6.04197, min distance = 1.70746
FECA_ECOLI	Fu: 439183	1i	TPIS_TRYBB	Fu: 311	citri	2VEK	1P00	1IIH		Sc=5.61752, min distance = 1.91776
FECA_ECOLI	Fu: 447530		SRC_HUMAN	Fu: 311	citri	1O4L	1P00	1O4F		Sc=5.92764, min distance = 0.59672
FECA_ECOLI	Fu: 447550	ph	TPIS_TRYBB	Fu: 311	citri	2VEK	1P00	4TIM		Sc=5.61286, min distance = 1.81720
FECA_ECOLI	Fu: 51	2-Oxog	SERA_ECOLI	Fu: 311	citri	2P9E	1P00	1YBA	0.76	Sc=5.61763, min distance = 2.09313
FECA_ECOLI	Fu: 5354052	g	MIF_HUMAN	Fu: 311	citri	1GD0	1P00	2O0Z		Sc=5.8421, min distance = 0.70062
FECA_ECOLI	Fu: 8778	Lau	CTXA3_NAJAT	Fu: 311	citri	1XT3	1P00	1H0J		Sc=5.75354, min distance = 0.57487
FENR1_PEA	Fu: 165230	1a	NCPR_RAT	Fu: 444188	CI	1JA1	1QFZ	1AMO		Sc=6.49156, min distance = 1.86919
FENR_THET8	Fu: 16740985		FRDA_SHEFR	Fu: 444188	CI	1M64	2ZBW	1E39	0.93	Sc=6.87944, min distance = 1.92090
FENR_THET8	Fu: 444502	CI	FRDA_SHEFR	Fu: 444188	CI	1M64	2ZBW	1QJD	0.98	Sc=6.87944, min distance = 1.98584
FENR_THET8	Fu: 446013	1,	O28603_ARCFU	Fu: 444188	CI	1JNR	2ZBW	1JNZ	0.94	Sc=6.87927, min distance = 1.80928
FES_HUMAN	Fu: 10224714		CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	3DDP		Sc=6.44119, min distance = 2.14838
FES_HUMAN	Fu: 11348631		CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2E9U		Sc=6.28597, min distance = 2.14294
FES_HUMAN	Fu: 11553058		LCK_HUMAN	Fu: 444345	1c	1QPD	3CBL	2OF2		Sc=6.29144, min distance = 2.37716
FES_HUMAN	Fu: 11696113		KAPCA_BOVIN	Fu: 444345	1c	1STC	3CBL	2VO3		Sc=6.30948, min distance = 2.37813
FES_HUMAN	Fu: 11992146		MAPK2_HUMAN	Fu: 444345	1c	2PZY	3CBL	2P3G		Sc=6.29397, min distance = 2.40932
FES_HUMAN	Fu: 15602982		KAPCA_BOVIN	Fu: 444345	1c	1STC	3CBL	2UW6		Sc=6.04691, min distance = 2.52917
FES_HUMAN	Fu: 15991572		LCK_HUMAN	Fu: 444345	1c	1QPD	3CBL	2OF4		Sc=6.25941, min distance = 2.65928
FES_HUMAN	Fu: 160355	rd	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	3DDQ		Sc=6.25962, min distance = 2.46356
FES_HUMAN	Fu: 16058647		PIM1_HUMAN	Fu: 444345	1c	1YHS	3CBL	2OI4	0.75	Sc=6.43611, min distance = 2.37436
FES_HUMAN	Fu: 16122608		PDPK1_HUMAN	Fu: 444345	1c	1OKY	3CBL	2PE1		Sc=6.32207, min distance = 2.68072

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FES_HUMAN	Fu: 16122643	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2YWP	Sc=6.32069, min distance = 2.128735
FES_HUMAN	Fu: 16129574	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2HXL	Sc=6.1103, min distance = 2.1757745
FES_HUMAN	Fu: 16214823	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2UZB	Sc=6.08119, min distance = 2.372210
FES_HUMAN	Fu: 16214825	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2UZE	Sc=6.25806, min distance = 2.044370
FES_HUMAN	Fu: 16214826	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2UZL	Sc=6.12146, min distance = 2.322660
FES_HUMAN	Fu: 16214827	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2UZN	Sc=6.07249, min distance = 2.193715
FES_HUMAN	Fu: 16214828	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2UZO	Sc=6.08183, min distance = 2.201855
FES_HUMAN	Fu: 16758227	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2R0U	Sc=6.54469, min distance = 2.144845
FES_HUMAN	Fu: 1707 1fvt	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1FVT	Sc=6.09637, min distance = 2.365945
FES_HUMAN	Fu: 17754396	PDPK1_HUMAN	Fu: 444345	1c	1OKY	3CBL	2R7B	Sc=6.27663, min distance = 2.690845
FES_HUMAN	Fu: 1907917 2	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2CGW	Sc=6.1515, min distance = 2.7113105
FES_HUMAN	Fu: 23653515	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2R3F	Sc=5.99449, min distance = 2.673455
FES_HUMAN	Fu: 23653516	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2R3G	Sc=6.19328, min distance = 2.618575
FES_HUMAN	Fu: 23653519	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2R3K	Sc=6.18861, min distance = 2.519240
FES_HUMAN	Fu: 23653521	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2R3M	Sc=6.34295, min distance = 2.501565
FES_HUMAN	Fu: 23653524	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2R3P	Sc=6.2656, min distance = 2.0242395
FES_HUMAN	Fu: 2398 bisi	PDPK1_HUMAN	Fu: 444345	1c	1OKY	3CBL	1UU9	Sc=6.44163, min distance = 2.070435
FES_HUMAN	Fu: 2403 1uvr	PDPK1_HUMAN	Fu: 444345	1c	1OKY	3CBL	1UVR	Sc=6.37778, min distance = 2.122715
FES_HUMAN	Fu: 24752838	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2QHM	Sc=6.05296, min distance = 2.956095
FES_HUMAN	Fu: 24901723	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2W06	Sc=6.27438, min distance = 2.307855
FES_HUMAN	Fu: 24905143	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	3CBL	2V4L	Sc=6.10282, min distance = 2.498565
FES_HUMAN	Fu: 24905144	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	3CBL	3ENE	Sc=6.09286, min distance = 2.346975
FES_HUMAN	Fu: 24916751	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	3DOG	Sc=6.25043, min distance = 2.393685
FES_HUMAN	Fu: 25021197	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	3EOC	Sc=6.20553, min distance = 2.713235
FES_HUMAN	Fu: 33113 gan	IRAK4_HUMAN	Fu: 444345	1c	2NRY	3CBL	2OID	Sc=5.67546, min distance = 2.204145
FES_HUMAN	Fu: 4369136 C	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1DM2	Sc=6.23092, min distance = 2.964025
FES_HUMAN	Fu: 4369435 2	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2BRO	Sc=6.41049, min distance = 2.032835
FES_HUMAN	Fu: 446704 LS	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1KE6	Sc=6.25949, min distance = 2.355605
FES_HUMAN	Fu: 447654 CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1OIT	Sc=6.24576, min distance = 2.193955
FES_HUMAN	Fu: 447655 1c	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1OIU	Sc=6.25032, min distance = 2.572375
FES_HUMAN	Fu: 447962 1g	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2C5N	Sc=6.21, min distance = 2.658686325
FES_HUMAN	Fu: 447967 CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1PYE	Sc=6.34036, min distance = 2.377905
FES_HUMAN	Fu: 448043 2g	KAPCA_BOVIN	Fu: 444345	1c	1STC	3CBL	1Q8U	Sc=5.94415, min distance = 2.719525
FES_HUMAN	Fu: 448293 CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1R78	Sc=6.43466, min distance = 2.569525
FES_HUMAN	Fu: 449240 1y	KAPCA_BOVIN	Fu: 444345	1c	1STC	3CBL	1YDR	Sc=5.88721, min distance = 2.543855
FES_HUMAN	Fu: 456214 pu	KS6A1_HUMAN	Fu: 444345	1c	2Z7R	3CBL	2Z7S	Sc=6.3465, min distance = 2.0035625
FES_HUMAN	Fu: 4565 1h1r	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1H1R	Sc=6.22266, min distance = 2.606030

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FES_HUMAN	Fu: 4566	1h1e	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1H1S		Sc=6.27232, min distance = 2.371197
FES_HUMAN	Fu: 5288016	e	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2B53		Sc=6.01358, min distance = 2.014709
FES_HUMAN	Fu: 5288708	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1KE5		Sc=6.11139, min distance = 2.508308
FES_HUMAN	Fu: 5288710	C	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1KE7		Sc=6.31516, min distance = 2.538977
FES_HUMAN	Fu: 5327121	I	PIM1_HUMAN	Fu: 444345	1c	1YHS	3CBL	2C3I		Sc=6.20648, min distance = 2.510104
FES_HUMAN	Fu: 5327123	I	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2C3L		Sc=6.11735, min distance = 2.508078
FES_HUMAN	Fu: 5331010	d	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2BKZ		Sc=6.28057, min distance = 2.482561
FES_HUMAN	Fu: 5687	1di8	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1DI8		Sc=6.23509, min distance = 2.291130
FES_HUMAN	Fu: 5957	Ader	PDPK1_HUMAN	Fu: 444345	1c	1OKY	3CBL	2BIY		Sc=5.99503, min distance = 2.101721
FES_HUMAN	Fu: 60961	ade	PIM1_HUMAN	Fu: 444345	1c	1YHS	3CBL	1YI4		Sc=6.15397, min distance = 2.980960
FES_HUMAN	Fu: 6102670		CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1YKR		Sc=6.26803, min distance = 2.205350
FES_HUMAN	Fu: 6420139	C	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	2C5V		Sc=6.20726, min distance = 2.335399
FES_HUMAN	Fu: 6539118	g	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1FVV		Sc=6.42757, min distance = 2.219911
FES_HUMAN	Fu: 6540255	C	DAPK1_HUMAN	Fu: 444345	1c	1WVY	3CBL	1WVX	0.78	Sc=6.27569, min distance = 1.754017
FES_HUMAN	Fu: 6540273	2	CHK1_HUMAN	Fu: 444345	1c	1NVR	3CBL	2CGV		Sc=6.13938, min distance = 2.446128
FES_HUMAN	Fu: 656971	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1Y8Y		Sc=6.0102, min distance = 2.3447349
FES_HUMAN	Fu: 6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	3CBL	2GNI		Sc=5.90002, min distance = 2.446718
FES_HUMAN	Fu: 72271	7-H	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	1PKD	0.91	Sc=6.44412, min distance = 2.630208
FES_HUMAN	Fu: 9817550	V	CDK2_HUMAN	Fu: 444345	1c	1AQ1	3CBL	3BHV		Sc=6.35818, min distance = 2.427507
FET3_YEAST	Fu: 101798	Me	LEC1_LATOC	Fu: 185698	al	1LOG	1ZPU	1LOB	0.94	Sc=5.7646, min distance = 2.6369349
FET3_YEAST	Fu: 15133	m-X	CARP_YEAST	Fu: 439680	be	1DPJ	1ZPU	1FQ5		Sc=5.81494, min distance = 0.951487
FET3_YEAST	Fu: 64947	alg	LEC1_LATOC	Fu: 185698	al	1LOG	1ZPU	1LOA	0.94	Sc=5.77694, min distance = 2.411027
FGFR2_HUMAN	I: 33113	gan	KIF1A_MOUSE	Fu: 91532	AMP	1I6I	2PVF	1VfV	0.99	Sc=5.63686, min distance = 2.362701
FGFR2_HUMAN	I: 444564	Al	BIOD_ECOLI	Fu: 91532	AMP	1DAG	2PVF	1BS1	0.91	Sc=6.3438, min distance = 2.3457114
FGFR2_HUMAN	I: 5957	Ader	BIOD_ECOLI	Fu: 91532	AMP	1DAG	2PVF	1A82	0.99	Sc=5.64738, min distance = 2.353717
FGFR2_HUMAN	I: 6022	Ader	BIOD_ECOLI	Fu: 91532	AMP	1DAG	2PVF	1DAD	0.99	Sc=6.35458, min distance = 2.545510
FIBB_PETMA	Fu: 446578	1r	Q9HYN5_PSEAE	I: 82313	1rd	1W8H	1LWU	2JDP		Sc=5.60974, min distance = 1.998806
FIBG_HUMAN	Fu: 115260	S	GSTM2_HUMAN	Fu: 124886	gl	1XW5	1DUG	2AB6	0.94	Sc=5.85654, min distance = 2.240854
FIBG_HUMAN	Fu: 449471	GG	GSTM2_HUMAN	Fu: 124886	gl	1LJR	1DUG	3LJR		Sc=6.15115, min distance = 2.213478
FIBG_HUMAN	Fu: 5288475	C	GSTM2_HUMAN	Fu: 124886	gl	1XW5	1DUG	2C4J		Sc=5.75299, min distance = 2.421757
FIBG_HUMAN	Fu: 97536	Hex	GSTP_ONCVO	Fu: 124886	gl	1TU7	1DUG	1TU8	0.9	Sc=6.45919, min distance = 2.411020
FIMH_ECOLI	Fu: 151504	D	CONA_CANEN	Fu: 101798	Me	5CNA	1KIU	1I3H		Sc=5.77455, min distance = 2.280788
FIMH_ECOLI	Fu: 151504	D	CONA_CANEN	Fu: 185698	al	1CVN	2VCO	1I3H		Sc=5.90421, min distance = 0.382800
FIMH_ECOLI	Fu: 151504	D	CVN_NOSEL	Fu: 185698	al	2RDK	2VCO	2PYS		Sc=5.78164, min distance = 2.483779
FIMH_ECOLI	Fu: 16740986		MYRA_SINAL	Fu: 185698	al	1E4M	2VCO	1E70		Sc=5.76928, min distance = 2.360541
FIMH_ECOLI	Fu: 16741034		Q9XEI3_HORVD	I: 185698	al	1X38	2VCO	1IEV	0.82	Sc=5.71966, min distance = 2.057568
FIMH_ECOLI	Fu: 439554	fu	Q9HYN5_PSEAE	I: 101798	Me	2JDN	1KIU	1UZV	0.96	Sc=5.91235, min distance = 0.912688

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FIMH_ECOLI	F1	439680	be	Q9HYN5_PSEAE	1	101798	Me	2JDN	1KIU	1OUR	0.94	Sc=5.89111, min distance = 0.915909
FIMH_ECOLI	F1	445184	1,	Q6P5R5_HUMAN	1	185698	a1	1OP3	2VCO	1ZLW	0.89	Sc=5.7552, min distance = 2.3312041
FIMH_ECOLI	F1	445184	1,	Q6PYX1_HUMAN	1	185698	a1	1ZLS	2VCO	1ZLW	0.89	Sc=5.76928, min distance = 2.085609
FIMH_ECOLI	F1	447053	CI	Q9HYN5_PSEAE	1	101798	Me	2JDN	1KIU	1W8H	0.81	Sc=5.80266, min distance = 0.942206
FIMH_ECOLI	F1	447147	AK	TSPE_BPP22	Fu	185698	a1	1TYU	2VCO	1TYX	0.98	Sc=5.60659, min distance = 1.244897
FIMH_ECOLI	F1	64947	alg	LEC1_LATOC	Fu	185698	a1	1LOG	2VCO	1LOA	0.94	Sc=5.82768, min distance = 2.306794
FIMH_ECOLI	F1	82313	1rc	MBL1_RAT	Full	101798	Me	1KWU	1KIU	1KWV		Sc=6.13925, min distance = 1.041350
FIMH_ECOLI	F1	87330	M97	CONA_CANEN	Fu	101798	Me	5CNA	1KIU	1CJP		Sc=6.29946, min distance = 1.710230
FIMH_ECOLI	F1	92969	PNE	CONA_CANEN	Fu	185698	a1	1CVN	2VCO	1VAL		Sc=6.28523, min distance = 2.393194
FIXL_BRAJA	F1	11957330		CCPR_YEAST	Fu	444522	HE	3E2O	1XJ3	1BEQ	0.84	Sc=6.64276, min distance = 2.224680
FIXL_BRAJA	F1	11957353		HBA_HORSE	Ful	444098	HE	2D5X	2VV6	1IWH	0.83	Sc=6.6579, min distance = 2.0657929
FIXL_BRAJA	F1	11957353		HBA_HORSE	Ful	444124	HE	1Y8I	1XJ4	1IWH	0.87	Sc=6.63995, min distance = 2.006328
FIXL_BRAJA	F1	11957353		HBA_HORSE	Ful	444522	HE	1Y8K	1XJ3	1IWH	0.87	Sc=6.64842, min distance = 2.111560
FIXL_BRAJA	F1	11957353		HBB_HORSE	Ful	444124	HE	1Y8I	1XJ4	1IWH	0.87	Sc=6.63561, min distance = 2.060380
FIXL_BRAJA	F1	11957355		CYB_BOVIN	Ful	444522	HE	1BGY	1XJ3	1L0L	0.81	Sc=6.63466, min distance = 2.148440
FIXL_BRAJA	F1	11957361		CY1_BOVIN	Ful	444098	HE	1L0N	2VV6	1NTZ	0.8	Sc=6.64734, min distance = 2.295890
FIXL_BRAJA	F1	11957361		CYB_BOVIN	Ful	444522	HE	1BGY	1XJ3	1NTZ	0.84	Sc=6.63703, min distance = 1.277059
FIXL_BRAJA	F1	11957363		HBA_HUMAN	Ful	444522	HE	2DN1	1XJ3	1RQA	0.81	Sc=6.63278, min distance = 2.095600
FIXL_BRAJA	F1	11957363		HBB_HUMAN	Ful	444098	HE	1J40	2VV6	1RQA	0.77	Sc=6.67097, min distance = 1.941790
FIXL_BRAJA	F1	11957363		HBB_HUMAN	Ful	444124	HE	1NQP	1XJ4	1RQA	0.81	Sc=6.6404, min distance = 1.9282178
FIXL_BRAJA	F1	11957363		HBB_HUMAN	Ful	444522	HE	2DN1	1XJ3	1RQA	0.81	Sc=6.65415, min distance = 2.059030
FIXL_BRAJA	F1	11957364		HMOX1_HUMAN	F1	444124	HE	1OZW	1XJ4	1S13	0.86	Sc=6.4716, min distance = 1.7919578
FIXL_BRAJA	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1XJ4	1TWN		Sc=6.38489, min distance = 1.732340
FIXL_BRAJA	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1XJ4	1TWR		Sc=6.39611, min distance = 1.366890
FIXL_BRAJA	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	2VV6	2CMM		Sc=5.93347, min distance = 2.572617
FIXL_BRAJA	F1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1XJ4	2CMM		Sc=5.86711, min distance = 2.440600
FIXL_BRAJA	F1	11957385		MYG_PHYCA	Ful	444522	HE	1VXD	1XJ3	2CMM		Sc=5.89468, min distance = 2.367340
FIXL_BRAJA	F1	11970219		CCPR_YEAST	Fu	444522	HE	3E2O	1XJ3	1BEM	0.87	Sc=6.6404, min distance = 2.4468788
FIXL_BRAJA	F1	11970220		CCPR_YEAST	Fu	444522	HE	3E2O	1XJ3	1BEP	0.83	Sc=6.68592, min distance = 2.334698
FIXL_BRAJA	F1	11970221		CCPR_YEAST	Fu	444522	HE	3E2O	1XJ3	1BES	0.87	Sc=6.64365, min distance = 2.387458
FIXL_BRAJA	F1	11970242		CCPR_YEAST	Fu	444522	HE	3E2O	1XJ3	1CPE	0.87	Sc=6.6395, min distance = 2.2328208
FIXL_BRAJA	F1	16741062		MYG_PHYCA	Ful	444098	HE	1A6M	2VV6	1MBN	0.84	Sc=6.66008, min distance = 1.932080
FIXL_BRAJA	F1	4369228	C	PER_COPCI	Ful	444124	HE	1LY9	1XJ4	1LYC	0.95	Sc=6.64075, min distance = 1.948418
FIXL_BRAJA	F1	444207	He	PETD_MASLA	Fu	444522	HE	2E76	1XJ3	1VF5	1	Sc=6.64605, min distance = 1.572547
FIXL_BRAJA	F1	446332	CI	MYG_PHYCA	Ful	444098	HE	1A6M	2VV6	1IOP	0.82	Sc=6.57357, min distance = 1.650898
FIXL_BRAJA	F1	446409	HN	HBA_HUMAN	Ful	444522	HE	2DN1	1XJ3	1J40	0.98	Sc=6.64701, min distance = 2.100718
FIXL_BRAJA	F1	6102730	C	PGH1_SHEEP	Fu	444522	HE	1CQE	1XJ3	2AYL	0.98	Sc=6.64219, min distance = 2.063040

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FIXL_RHIME	F1	11957353	HBB_HORSE	Fu1	444124	HE	1Y8I	1D06	1IWH	0.87	Sc=6.58469, min distance = 2.136648
FIXL_RHIME	F1	11957364	HMOX1_HUMAN	F1	444124	HE	1OZW	1D06	1S13	0.86	Sc=6.48542, min distance = 1.638334
FIXL_RHIME	F1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	1D06	1TWR		Sc=6.42581, min distance = 2.180930
FIXL_RHIME	F1	11957385	MYG_PHYCA	Fu1	444124	HE	1U7R	1D06	2CMM		Sc=5.90847, min distance = 2.745710
FIXL_RHIME	F1	16214774	CP51_MYCTU	Fu1	444124	HE	2CIB	1D06	2CI0	0.95	Sc=6.31549, min distance = 2.445750
FIXL_RHIME	F1	16741183	CPXA_PSEPU	Fu1	444124	HE	1RE9	1D06	2ZAW	0.92	Sc=6.29341, min distance = 2.491082
FIXL_RHIME	F1	444207	PER_COPCI	Fu1	444124	HE	1LY9	1D06	1LY8	0.99	Sc=6.65986, min distance = 2.010670
FIXL_RHIME	F1	444522	HBA_PAGBE	Fu1	444124	HE	1S5X	1D06	1PBX	0.99	Sc=6.663, min distance = 2.46880922
FIXL_RHIME	F1	446189	HBG1_HUMAN	Fu1	444124	HE	1I3E	1D06	1I3D	0.89	Sc=6.66508, min distance = 2.182700
FLAV_ANASO	F1	449551	FLAV_DESVH	Fu1	444243	FA	1F4P	1OBO	5FX2	0.77	Sc=6.36226, min distance = 2.201300
FLAV_AZOVI	F1	449551	FLAV_DESVH	Fu1	444243	FA	1F4P	1YOB	5FX2	0.77	Sc=6.35943, min distance = 2.201316
FLAV_CHOCHR	F1	449551	FLAV_DESVH	Fu1	444243	FA	1F4P	2FCR	5FX2	0.77	Sc=6.21676, min distance = 2.445020
FLAV_DESVH	F1	5326566	Q9HPW4_HALSA	1	444658	2a	2CCB	1BU5	2CC6	0.85	Sc=6.3109, min distance = 2.2145800
FLAV_DESVH	F1	6323394	RIB4_SCHPO	Fu1	444658	2a	1KYV	1BU5	2A59		Sc=5.90484, min distance = 1.979456
FLAV_ECOLI	F1	449551	FLAV_DESVH	Fu1	444243	FA	1F4P	1AG9	5FX2	0.77	Sc=6.69342, min distance = 2.428454
FLAV_HELPJ	F1	5326566	BLVRB_HUMAN	F1	444243	FA	1HE4	1FUE	1HE5	0.82	Sc=6.28716, min distance = 2.101260
FLAV_SYNE7	F1	449551	FLAV_DESVH	Fu1	444243	FA	1F4P	1CZN	5FX2	0.77	Sc=6.68297, min distance = 2.370880
FLHF_BACSU	F1	444845	RASH_HUMAN	Fu1	36735	Gpp	1CTQ	2PX0	1CLU	0.99	Sc=6.18246, min distance = 2.357096
FLHF_BACSU	F1	444845	RASH_HUMAN	Fu1	6830	guan	2CL7	2PX3	1CLU	0.98	Sc=6.08694, min distance = 2.175405
FLHF_BACSU	F1	446248	RASH_HUMAN	Fu1	36735	Gpp	1CTQ	2PX0	1IAQ		Sc=6.00313, min distance = 2.071266
FLHF_BACSU	F1	60961	NUD16_XENLA	F1	6830	guan	2A8S	2PX3	2A8T		Sc=5.90268, min distance = 2.361400
FLHF_BACSU	F1	93082	FTSY_THEAQ	Fu1	36735	Gpp	2J7P	2PX0	1RJ9	0.99	Sc=6.21264, min distance = 2.354384
FLHF_BACSU	F1	93082	RASH_HUMAN	Fu1	36735	Gpp	1CTQ	2PX0	121P	0.99	Sc=6.1855, min distance = 2.1728474
FLHF_BACSU	F1	93082	RASH_HUMAN	Fu1	6830	guan	2CL7	2PX3	121P	0.99	Sc=6.08303, min distance = 2.241660
FLII_SALTY	F1	440317	FTSK_PSEAE	Fu1	6022	Aden	2IUU	2DPY	2IUT	0.99	Sc=5.80022, min distance = 2.037336
FLII_SALTY	F1	5957	MUTS_ECOLI	Fu1	6022	Aden	1OH7	2DPY	1W7A	0.99	Sc=5.83407, min distance = 2.152695
FLPA_ARCFU	F1	16741210	MTTA_THEAQ	Fu1	34756	Acy	2ADM	1NT2	2JG3		Sc=5.94219, min distance = 2.149685
FLPA_ARCFU	F1	445762	MTTA_THEAQ	Fu1	34756	Acy	2ADM	1NT2	2IH2	0.93	Sc=6.32974, min distance = 2.795806
FLPA_ARCFU	F1	445971	COMT_RAT	Full	34756	Acy	2CL5	1NT2	1H1D	0.92	Sc=6.51645, min distance = 2.609280
FMNB_DESVM	F1	5326566	BLVRB_HUMAN	F1	444243	FA	1HE4	1FLM	1HE5	0.82	Sc=6.24987, min distance = 2.031874
FMO1_SCHPO	F1	11987634	GLPD_ECOLI	Fu1	444188	CI	2QCU	2GV8	2R4E	0.97	Sc=5.96555, min distance = 1.979480
FMO1_SCHPO	F1	16741253	LSD1_HUMAN	Fu1	444188	CI	2DW4	2GV8	2UXN	0.95	Sc=5.97846, min distance = 2.217892
FMO1_SCHPO	F1	444502	GSHR_HUMAN	Fu1	444188	CI	3DK9	2GV8	1BWC	0.98	Sc=5.96357, min distance = 2.188595
FMO1_SCHPO	F1	444502	TYTR_TRYCR	Fu1	444188	CI	1BZL	2GV8	1GXF	0.98	Sc=5.9745, min distance = 2.2756998
FMS1_YEAST	F1	16741253	LSD1_HUMAN	Fu1	444188	CI	2DW4	1RSG	2UXN	42.68 0.95	Sc=6.88783, min distance = 2.477750
FMS1_YEAST	F1	444502	GSHR_HUMAN	Fu1	444188	CI	3DK9	1RSG	1BWC	0.98	Sc=6.44287, min distance = 2.401178
FMS1_YEAST	F1	444502	TYTR_TRYCR	Fu1	444188	CI	1BZL	1RSG	1GXF	0.98	Sc=6.44226, min distance = 2.157060

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FMS1_YEAST	F1	446013	1	O28603_ARCFU	1	444188	CI	1JNR	1RSG	1JNZ	0.94	Sc=6.44848, min distance = 2.22457
FMS1_YEAST	F1	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1RSG	3GRT	0.98	Sc=6.44053, min distance = 2.06291
FMS1_YEAST	F1	6420174	C	O28603_ARCFU	1	444188	CI	1JNR	1RSG	2FJB	0.92	Sc=6.45303, min distance = 1.96921
FOLB1_ARATH	1	446357	7-	TGT_ZYMMO	Fu	764	guani	2PWU	1SQL	1P0B		Sc=5.83103, min distance = 2.80715
FOLB1_ARATH	1	447262	CI	TGT_ZYMMO	Fu	764	guani	2PWU	1SQL	2Z1W	0.76	Sc=6.01933, min distance = 2.24850
FOLB1_ARATH	1	8646	Guar	PNPH_HUMAN	Fu	764	guani	1V2H	1SQL	1V41		Sc=5.65876, min distance = 2.65078
FOLB_MYCTU	F1	448839	ne	FOLB_STAAU	Fu	69736	Ran	2DHN	1NBU	2NM2	0.83	Sc=6.1836, min distance = 1.591
FOLB_MYCTU	F1	95034	8-A	FOLB_STAAU	Fu	69736	Ran	2DHN	1NBU	1RS2		Sc=5.79879, min distance = 2.71755
FOLC_ECOLI	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1W78	1HIY	0.97	Sc=6.46179, min distance = 1.88864
FOLC_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1W78	1ZTF	0.95	Sc=6.22742, min distance = 2.19732
FOLC_ECOLI	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W78	1PXI		Sc=5.81757, min distance = 2.45871
FOLC_ECOLI	F1	6031	Uric	O33839_THEMA	1	6022	Aden	1XJK	1W78	1XJG		Sc=5.934, min distance = 2.0456778
FOLC_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1W78	1XQS	0.99	Sc=6.40119, min distance = 2.50525
FOLC_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1W78	2VII	0.99	Sc=6.38744, min distance = 2.17188
FOLC_ECOLI	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1W78	2DTH	0.89	Sc=6.16206, min distance = 1.47510
FOLC_ECOLI	F1	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	1W78	1XJE	0.8	Sc=6.49503, min distance = 2.21209
FOLH1_HUMAN	1	33032	L-g	GRIA2_RAT	Fu	40539	Qui	1P1O	2OR4	2GFE		Sc=5.69379, min distance = 2.50185
FOLH1_HUMAN	1	33032	L-g	GRIK2_RAT	Fu	40539	Qui	1S9T	2OR4	1S5O		Sc=5.68485, min distance = 2.54280
FOLH1_HUMAN	1	440053	Wi	GRIA2_RAT	Fu	40539	Qui	1P1O	2OR4	1MQJ		Sc=6.02521, min distance = 2.38773
FOLH1_HUMAN	1	447195	1n	GRIA2_RAT	Fu	40539	Qui	1P1O	2OR4	1MQD		Sc=5.88971, min distance = 2.25424
FOLH1_HUMAN	1	95883	4-M	GRIK2_RAT	Fu	40539	Qui	1S9T	2OR4	1SD3		Sc=5.82736, min distance = 2.60201
FOSX_LISMO	F1	23831	HEE	GSK3B_HUMAN	F1	311	citri	1R0E	2P7K	1H8F		Sc=5.62214, min distance = 0.20211
FPPS_CHICK	F1	448876	CI	UPPS_ECOLI	Fu	445713	fa	1V7U	1UBX	1UEH		Sc=5.9582, min distance = 2.098548
FPPS_HUMAN	F1	406401	2i	Q86C09_9TRYP	1	130956	Mi	2EWG	3B7L	2I19	37.65	Sc=6.08269, min distance = 2.26995
FPPS_HUMAN	F1	448399	DS	ISPA_ECOLI	Fu	1195	isop	1RQJ	1ZW5	1RQI		Sc=5.70837, min distance = 2.27930
FPPS_HUMAN	F1	448400	IS	GGPPS_YEAST	F1	130956	Mi2E92		3B7L	2E8U	30.89	Sc=5.72655, min distance = 1.67125
FPPS_HUMAN	F1	448400	IS	GGPPS_YEAST	F1	68740	Zol2E91		2F9K	2E8U	30.89	Sc=5.745, min distance = 2.6540928
FPPS_HUMAN	F1	448400	IS	ISPA_ECOLI	Fu	1195	isop	1RQJ	1ZW5	1RQI		Sc=5.70837, min distance = 2.59283
FPPS_HUMAN	F1	448400	IS	Q95WL3_TRYCR	1	1195	isop	1YHM	1ZW5	1YHL	39.07	Sc=5.79937, min distance = 2.02833
FPPS_HUMAN	F1	6102720	C	GGPPS_YEAST	F1	68740	Zol2E91		2F9K	2E8X	30.89	Sc=6.19065, min distance = 2.39478
FPRA_METTM	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	2OHH	1JRB		Sc=6.22295, min distance = 2.21399
FPRA_MOOTA	F1	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1YCG	5FX2	0.77	Sc=6.20638, min distance = 2.08742
FPTA_PSEAE	F1	11987742		LHA4_RHOAC	Fu	444279	1s	2FKW	1XKW	1NKZ		Sc=6.38729, min distance = 0.78458
FPTA_PSEAE	F1	7054	Isat	AOFB_HUMAN	Fu	444279	1s	1OJD	1XKW	1OJA		Sc=5.60593, min distance = 2.38173
FRD2_SHEFN	F1	11987634		TYTR_TRYCR	Fu	444188	CI	1BZL	1QO8	1AOG	0.97	Sc=6.45368, min distance = 2.05434
FRD2_SHEFN	F1	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1QO8	1E39	0.93	Sc=6.45115, min distance = 2.21138
FRD2_SHEFN	F1	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1QO8	1QJD	0.98	Sc=6.45368, min distance = 2.18806

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FRD2_SHEFN	F1	446013	1	O28604_ARCFU	1	444188	CI	1JNR	1Q08	1JNZ	0.94	Sc=6.45248, min distance = 2.070145
FRD2_SHEFN	F1	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1Q08	1Y0P	0.97	Sc=6.45208, min distance = 2.216057
FRD2_SHEFN	F1	6420174	C	O28603_ARCFU	1	444188	CI	1JNR	1Q08	2FJB	0.92	Sc=6.45574, min distance = 1.850938
FRD2_SHEFN	F1	6420174	C	O28604_ARCFU	1	444188	CI	1JNR	1Q08	2FJB	0.92	Sc=6.45766, min distance = 2.033835
FRDA_ECOLI	F1	445905	1c	AROQ_HELPE	Fu	311	citri	2C4V	2B76	2C57		Sc=5.88049, min distance = 1.206111
FRDA_ECOLI	F1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	2B76	1YBA	0.76	Sc=5.70837, min distance = 0.915180
FRDA_ECOLI	F1	5281	stea	Y1264_MYCTU	F1	62551	Pen	1Y10	1KF6	2EV1		Sc=6.0894, min distance = 1.4211548
FRDA_ECOLI	F1	6022	Ader	ENPL_CANFA	Fu	62551	Pen	2EXL	1KF6	1TC6		Sc=5.92617, min distance = 2.100502
FRDA_ECOLI	F1	854023	Ep	Q8WSF8_APLCA	1	62551	Pen	2BYN	1KF6	2BYQ		Sc=5.6564, min distance = 2.0434776
FRDA_SHEFR	F1	11987634		TYTR_TRYCR	Fu	444502	CI	1GXF	1QJD	1AOG	0.95	Sc=6.45686, min distance = 2.075088
FRDA_SHEFR	F1	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1M64	3GRT	0.98	Sc=6.44304, min distance = 2.137239
FRDC_WOLSU	F1	11957364		HMOX1_HUMAN	F1	444124	HE	1OZW	2BS2	1S13	0.86	Sc=6.71584, min distance = 1.913207
FRDC_WOLSU	F1	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	2BS2	1I3D	0.89	Sc=6.7724, min distance = 1.7051511
FTSH_HELPE	F1	440317	AT	MYS2_DICDI	Fu	6022	Aden	1VOM	2R65	1MMG	0.99	Sc=5.72497, min distance = 1.864837
FTSH_HELPE	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2R65	1W9I	0.91	Sc=5.69787, min distance = 2.277808
FTSH_HELPE	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2R65	1GZ8		Sc=6.17038, min distance = 1.750205
FTSH_HELPE	F1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	2R65	1LVK		Sc=6.1713, min distance = 2.0983505
FTSH_HELPE	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2R65	1PXI		Sc=5.7387, min distance = 1.9898014
FTSH_HELPE	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2R65	1H1R		Sc=6.10404, min distance = 1.902394
FTSH_HELPE	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2R65	2ERZ		Sc=6.18109, min distance = 2.068304
FTSH_HELPE	F1	5957	Ader	AROK_MYCTU	Fu	6022	Aden	2IYV	2R65	2IYW	0.99	Sc=6.00406, min distance = 2.054390
FTSH_HELPE	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2R65	1A82	0.99	Sc=5.73597, min distance = 1.527446
FTSH_HELPE	F1	5957	Ader	KTHY_HUMAN	Fu	6022	Aden	1NN3	2R65	1E2Q	0.99	Sc=5.71659, min distance = 2.376277
FTSH_HELPE	F1	5957	Ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2R65	2C96	0.99	Sc=6.02748, min distance = 2.346218
FTSH_HELPE	F1	6102787	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	2R65	2CCS		Sc=6.29303, min distance = 1.306026
FTSH_HELPE	F1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	2R65	1DAG	0.99	Sc=5.75952, min distance = 1.887291
FTSH_HELPE	F1	91532	AMF	KIF1A_MOUSE	F1	6022	Aden	1I5S	2R65	1I6I	0.99	Sc=5.76547, min distance = 0.900247
FTSK_PSEAE	F1	160355	rc	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	3DDQ		Sc=6.28314, min distance = 1.968963
FTSK_PSEAE	F1	16214827		CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	2UZN		Sc=6.09023, min distance = 1.563069
FTSK_PSEAE	F1	1707	1fvt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	1FVT		Sc=6.09107, min distance = 2.081286
FTSK_PSEAE	F1	24864078		CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	2VTO		Sc=6.32962, min distance = 1.827217
FTSK_PSEAE	F1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	1JSV		Sc=5.84301, min distance = 1.922627
FTSK_PSEAE	F1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	1DM2		Sc=6.22598, min distance = 1.628708
FTSK_PSEAE	F1	444564	AD	MYS2_DICDI	Fu	440317	AT	1MMG	2IUT	1W9I	0.91	Sc=5.63763, min distance = 2.807232
FTSK_PSEAE	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	1CKP		Sc=5.60768, min distance = 2.746690
FTSK_PSEAE	F1	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IUU	1GII		Sc=6.23973, min distance = 2.287134
FTSK_PSEAE	F1	447004	CI	MYS2_DICDI	Fu	440317	AT	1MMG	2IUT	1LVK		Sc=6.03607, min distance = 2.672186

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FTSK_PSEAE	F1	447655	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2IUU	1OIU		Sc=6.39457, min distance = 2.090952
FTSK_PSEAE	F1	449088	1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2IUU	1VYZ		Sc=5.97115, min distance = 1.784144
FTSK_PSEAE	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2IUU	1H1R		Sc=6.25497, min distance = 2.217509
FTSK_PSEAE	F1	5957	Ader	RK_BOVIN	Full:	6022	Aden	3C4Z	2IUU	3C4W	0.99	Sc=5.71475, min distance = 2.297040
FTSK_PSEAE	F1	6338561	C	MYS2_DICDI	Fu:	440317	AT	1MMG	2IUT	1D0X		Sc=5.76038, min distance = 2.405409
FTSK_PSEAE	F1	6338562	C	MYS2_DICDI	Fu:	440317	AT	1MMG	2IUT	1D0Y		Sc=6.15624, min distance = 2.506780
FTSK_PSEAE	F1	6338562	C	MYS2_DICDI	Fu:	6022	Aden	1VOM	2IUU	1D0Y		Sc=6.1193, min distance = 2.0781630
FTSK_PSEAE	F1	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	2IUU	1QYE	0.89	Sc=6.16543, min distance = 1.998004
FTSK_PSEAE	F1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	2IUU	2PUL	0.99	Sc=5.73798, min distance = 2.046170
FTSK_PSEAE	F1	9991833	S	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2IUU	2R3H		Sc=5.82936, min distance = 2.121120
FTSK_PSEAE	F1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2IUU	2VTJ		Sc=5.85344, min distance = 2.758479
FTSY_THEAQ	F1	37792	gar	GNAI1_RAT	Ful:	8977	1dar	1SVK	2IYL	1AS0	0.99	Sc=6.13298, min distance = 2.070236
FTSY_THEAQ	F1	37792	gar	GNAT1_BOVIN	F1	8977	1dar	1TAD	2IYL	1TND	0.99	Sc=6.14965, min distance = 2.150349
FTSY_THEAQ	F1	37792	gar	RAB6B_HUMAN	F1	8977	1dar	2E9S	2IYL	2FFQ	0.99	Sc=6.13534, min distance = 2.244899
FTSY_THEAQ	F1	37792	gar	RHOA_HUMAN	Fu:	8977	1dar	1TX4	2IYL	1CXZ	0.99	Sc=6.14903, min distance = 2.109810
FTSY_THEAQ	F1	444845	1c	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	2J7P	1CLU	0.99	Sc=6.54418, min distance = 2.326967
FTSY_THEAQ	F1	445873	CA	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	2J7P	2CL6		Sc=6.39857, min distance = 2.268470
FTSY_THEAQ	F1	446248	CI	RAN_HUMAN	Ful:	36735	Gpp	1K5D	2J7P	1IBR		Sc=6.52883, min distance = 2.208209
FTSY_THEAQ	F1	446248	CI	RAN_HUMAN	Ful:	8977	1dar	3CH5	2IYL	1IBR		Sc=6.51826, min distance = 2.080639
FTSY_THEAQ	F1	446248	CI	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	2J7P	1IAQ		Sc=6.14243, min distance = 2.432660
FTSY_THEAQ	F1	446248	CI	RASH_HUMAN	Fu:	8977	1dar	2CE2	2IYL	1IAQ		Sc=6.01075, min distance = 2.287707
FTSY_THEAQ	F1	446248	CI	RASH_HUMAN	Fu:	93082	Gab	121P	1RJ9	1IAQ		Sc=6.01794, min distance = 2.285960
FTSY_THEAQ	F1	8582	Inos	PURA1_MOUSE	F1	8977	1dar	1LON	2IYL	1IWE	0.99	Sc=5.91401, min distance = 2.705149
FTSZ1_METJA	I	24856355		FTSZ_AQUAE	Fu:	8977	1dar	2R6R	2VAP	2R75	0.95	Sc=6.59022, min distance = 2.098284
FTSZ1_METJA	I	24978488		TBB2B_BOVIN	F1	8977	1dar	1Z2B	2VAP	3DU7		Sc=6.41218, min distance = 2.368077
FTSZ1_METJA	I	37792	gar	TGM3_HUMAN	Fu:	8977	1dar	1VJJ	2VAP	1RLE	0.99	Sc=6.43482, min distance = 2.163154
FTSZ1_METJA	I	447979	5G	KGUA_ECOLI	Fu:	8977	1dar	2AN9	2VAP	2ANB		Sc=6.39894, min distance = 1.926262
FTSZ1_METJA	I	5957	Ader	Q381M1_9TRYP	I	6830	guan	2Q0E	1W5B	2Q0D	0.8	Sc=6.44548, min distance = 1.983917
FTSZ1_METJA	I	60961	ade	NUD16_XENLA	F1	6830	guan	2A8S	1W5B	2A8T		Sc=6.19342, min distance = 2.202966
FTSZ1_METJA	I	6804	guar	DPOL_BPR69	Fu:	8977	1dar	1CLQ	2VAP	1WAJ	0.99	Sc=6.32622, min distance = 2.073792
FTSZ1_METJA	I	6804	guar	EF1A_YEAST	Fu:	8977	1dar	2B7B	2VAP	1G7C	0.99	Sc=6.34281, min distance = 2.242532
FTSZ_AQUAE	F1	24978488		TBB2B_BOVIN	F1	8977	1dar	1Z2B	2R6R	3DU7		Sc=6.00149, min distance = 2.415142
FTSZ_AQUAE	F1	37792	gar	FTSZ_MYCTU	Fu:	8977	1dar	1RQ7	2R6R	1RLU	0.99	Sc=5.7589, min distance = 2.373199
FTSZ_AQUAE	F1	37792	gar	TBG1_HUMAN	Fu:	8977	1dar	3CB2	2R6R	1Z5V	0.99	Sc=6.06654, min distance = 1.926079
FTSZ_AQUAE	F1	448405	CI	ARF1_RAT	Full:	8977	1dar	1RRG	2R6R	1RRF		Sc=6.46438, min distance = 2.173876
FTSZ_AQUAE	F1	449108	CI	FTSZ1_METJA	F1	8977	1dar	2VAP	2R6R	1W58	0.99	Sc=6.08802, min distance = 2.148894
FTSZ_AQUAE	F1	6804	guar	EF1A_YEAST	Fu:	8977	1dar	2B7B	2R6R	1G7C	0.99	Sc=6.37109, min distance = 2.369108

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FTSZ_AQUAE	F1	6804 guar	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	2R6R	1SGX	0.99	Sc=6.41155, min distance = 1.90679
FTSZ_AQUAE	F1	8582 Inos	PURA1_MOUSE	Fu: 8977	ldar	1LON	2R6R	1IWE	0.99	Sc=6.35183, min distance = 2.03985
FTSZ_BACSU	F1	16131862	PAP2_VACCW	Fu: 8977	ldar	1JTF	2RHL	1P39	0.97	Sc=6.0569, min distance = 2.068003
FTSZ_BACSU	F1	24978488	TBB2B_BOVIN	Fu: 8977	ldar	1Z2B	2RHL	3DU7		Sc=6.44684, min distance = 2.22199
FTSZ_BACSU	F1	3713 Indc	TRPA_THET2	Fu: 311	citri	1UJP	2VXY	1WXJ		Sc=6.09674, min distance = 1.99441
FTSZ_BACSU	F1	444148 1a	RHA1_ARATH	Fu: 8977	ldar	2EFC	2RHL	2EFE	0.99	Sc=6.43964, min distance = 1.88507
FTSZ_BACSU	F1	444335 GT	PAP2_VACCW	Fu: 8977	ldar	1JTF	2RHL	1V39	0.99	Sc=6.47193, min distance = 2.08268
FTSZ_BACSU	F1	446506 DE	ACES_TORCA	Fu: 8200	TETR	1DX6	2RHJ	1JJB	0.82	Sc=5.85137, min distance = 2.04189
FTSZ_BACSU	F1	447979 5G	KGUA_ECOLI	Fu: 8977	ldar	2AN9	2RHL	2ANB		Sc=6.40603, min distance = 1.71813
FTSZ_BACSU	F1	449108 CI	FTSZ1_METJA	Fu: 8977	ldar	2VAP	2RHL	1W58	0.99	Sc=6.08686, min distance = 2.19064
FTSZ_BACSU	F1	449109 CI	FTSZ1_METJA	Fu: 8977	ldar	2VAP	2RHL	1W5A		Sc=6.51016, min distance = 2.14142
FTSZ_BACSU	F1	5326975 5	KGUA_MYCTU	Fu: 8977	ldar	1ZNY	2RHL	1ZNX	0.99	Sc=6.41448, min distance = 1.76686
FTSZ_BACSU	F1	6804 guar	TGM3_HUMAN	Fu: 37792	gar	1RLE	2RHO	1SGX	0.98	Sc=6.40849, min distance = 2.06605
FTSZ_BACSU	F1	6804 guar	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	2RHL	1SGX	0.99	Sc=6.41073, min distance = 2.08224
FTSZ_BACSU	F1	8582 Inos	PURA1_MOUSE	Fu: 8977	ldar	1LON	2RHL	1IWE	0.99	Sc=6.3529, min distance = 2.038009
FTSZ_MYCTU	F1	445463 B-	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	1RQ7	1L9N		Sc=6.23052, min distance = 2.06253
FTSZ_MYCTU	F1	449109 CI	FTSZ1_METJA	Fu: 8977	ldar	2VAP	1RQ7	1W5A		Sc=6.49656, min distance = 2.02973
FTSZ_MYCTU	F1	51 2-Oxog	SERA_ECOLI	Fu: 311	citri	2P9E	1RQ2	1YBA	0.76	Sc=5.66422, min distance = 1.43154
FTSZ_MYCTU	F1	6022 Ader	PARM_ECOLX	Fu: 8977	ldar	2ZGY	1RQ7	1MWM	0.8	Sc=6.44387, min distance = 1.85640
FTSZ_MYCTU	F1	6804 guar	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	1RQ7	1SGX	0.99	Sc=6.40849, min distance = 2.19565
FTSZ_PSEAE	F1	24856355	FTSZ_AQUAE	Fu: 8977	ldar	2R6R	1OFU	2R75	0.95	Sc=6.61764, min distance = 2.14934
FTSZ_PSEAE	F1	24978488	TBB2B_BOVIN	Fu: 8977	ldar	1Z2B	1OFU	3DU7		Sc=6.45568, min distance = 2.34526
FTSZ_PSEAE	F1	37792 gar	FTSZ_MYCTU	Fu: 8977	ldar	1RQ7	1OFU	1RLU	0.99	Sc=6.50079, min distance = 2.19933
FTSZ_PSEAE	F1	37792 gar	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	1OFU	1RLE	0.99	Sc=6.02751, min distance = 1.99278
FTSZ_PSEAE	F1	445404 7-	PAP2_VACCW	Fu: 8977	ldar	1JTF	1OFU	4DCG	0.93	Sc=6.36638, min distance = 2.11619
FTSZ_PSEAE	F1	445463 B-	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	1OFU	1L9N		Sc=6.22749, min distance = 2.04021
FTSZ_PSEAE	F1	447979 5G	KGUA_ECOLI	Fu: 8977	ldar	2AN9	1OFU	2ANB		Sc=5.96585, min distance = 2.01729
FTSZ_PSEAE	F1	449109 CI	FTSZ1_METJA	Fu: 8977	ldar	2VAP	1OFU	1W5A		Sc=6.52163, min distance = 2.01055
FTSZ_PSEAE	F1	6022 Ader	PARM_ECOLX	Fu: 8977	ldar	2ZGY	1OFU	1MWM	0.8	Sc=6.45105, min distance = 2.10878
FTSZ_PSEAE	F1	6804 guar	EF1A_YEAST	Fu: 8977	ldar	2B7B	1OFU	1G7C	0.99	Sc=6.38522, min distance = 2.35130
FTSZ_PSEAE	F1	6804 guar	TGM3_HUMAN	Fu: 8977	ldar	1VJJ	1OFU	1SGX	0.99	Sc=6.41587, min distance = 1.72728
FTSZ_PSEAE	F1	8582 Inos	PURA1_MOUSE	Fu: 8977	ldar	1LON	1OFU	1IWE	0.99	Sc=5.90214, min distance = 2.08846
FTSZ_THEMEA	F1	449109 CI	FTSZ1_METJA	Fu: 449108	CI	1W58	1W5F	1W5A		Sc=6.0745, min distance = 2.43659
FTSZ_THEMEA	F1	6830 guar	FTSZ1_METJA	Fu: 449108	CI	1W58	1W5F	1W5B	0.99	Sc=6.0745, min distance = 2.40025
FTSZ_THEMEA	F1	8977 1dar	FTSZ1_METJA	Fu: 449108	CI	1W58	1W5F	2VAP	0.99	Sc=6.02422, min distance = 2.63539
FUCA_ECOLI	F1	439276 3-	TPIS_TRYBB	Fu: 4797	1tpw	1TTJ	4FUA	6TIM		Sc=5.62129, min distance = 2.17890
FUCO_ECOLI	F1	169266 1,	AROBS_STAAR	Fu: 5893	nadi	1XAH	2BI4	1XAG	0.79	Sc=6.30091, min distance = 2.13525

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FUCO_ECOLI	F1	6022	Ader	YMX7_YEAST	Fu:	445794	AD	1TXZ	1RRM	1TY8	0.95	Sc=6.36326, min distance = 1.98648
FUS3_YEAST	F1	11957417		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	2I40		Sc=6.32224, min distance = 2.10839
FUS3_YEAST	F1	15942652		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	2DUV		Sc=6.35183, min distance = 2.36017
FUS3_YEAST	F1	160355	rd	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	3DDQ		Sc=6.47271, min distance = 1.90600
FUS3_YEAST	F1	23653523		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	2R30		Sc=6.32395, min distance = 1.62707
FUS3_YEAST	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	3BHT		Sc=6.22346, min distance = 1.47439
FUS3_YEAST	F1	24864080		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	2VTR		Sc=5.95377, min distance = 2.29701
FUS3_YEAST	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1DM2		Sc=6.28626, min distance = 2.26995
FUS3_YEAST	F1	444345	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1AQ1		Sc=6.39832, min distance = 2.10609
FUS3_YEAST	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2B9H	1BS1	0.91	Sc=6.39627, min distance = 2.26060
FUS3_YEAST	F1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1GII		Sc=6.36489, min distance = 2.12371
FUS3_YEAST	F1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1OIQ		Sc=6.24477, min distance = 2.30258
FUS3_YEAST	F1	447766	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1P2A		Sc=6.35676, min distance = 2.16729
FUS3_YEAST	F1	447821	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1PF8		Sc=6.17721, min distance = 1.84361
FUS3_YEAST	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	2B9H	1ZTF	0.95	Sc=6.17941, min distance = 2.76788
FUS3_YEAST	F1	447955	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1PXI		Sc=5.70913, min distance = 2.45796
FUS3_YEAST	F1	447967	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1PYE		Sc=6.38163, min distance = 2.04831
FUS3_YEAST	F1	448008	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	2B9H	1Q4L		Sc=6.4188, min distance = 1.62348
FUS3_YEAST	F1	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	1E1V		Sc=6.1556, min distance = 2.07743
FUS3_YEAST	F1	5957	Ader	ARP2_BOVIN	Fu:	6022	Aden	2P9I	2B9H	1TYQ	0.99	Sc=6.42412, min distance = 2.05115
FUS3_YEAST	F1	5957	Ader	DDL_THET8	Fu1:	6022	Aden	2ZDH	2B9H	2ZDQ	0.99	Sc=6.4648, min distance = 1.44382
FUS3_YEAST	F1	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	2B9H	1W7A	0.99	Sc=6.46543, min distance = 1.86115
FUS3_YEAST	F1	5957	Ader	PSPF_ECOLI	Fu:	6022	Aden	2C98	2B9H	2C96	0.99	Sc=5.99806, min distance = 2.02961
FUS3_YEAST	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	2B9H	2R7M	0.99	Sc=5.8653, min distance = 2.56259
FUS3_YEAST	F1	6420140	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	2C5Y		Sc=6.52166, min distance = 1.76724
FUS3_YEAST	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	2B9H	2DTH	0.89	Sc=6.06215, min distance = 1.69285
FUS3_YEAST	F1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	2B9H	2PUL	0.99	Sc=6.4648, min distance = 1.81103
FUS3_YEAST	F1	91532	AME	PURT_ECOLI	Fu:	6022	Aden	1KJQ	2B9H	1KJI	0.99	Sc=6.47283, min distance = 1.87556
FUS3_YEAST	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2B9H	3BHV		Sc=6.37824, min distance = 1.63805
FYN_HUMAN	Fu:	10224714		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2DQ7	3DDP		Sc=6.36728, min distance = 2.16448
FYN_HUMAN	Fu:	11348631		CHK1_HUMAN	Fu:	444345	1c	1NVR	2DQ7	2E9U		Sc=6.213, min distance = 2.86608
FYN_HUMAN	Fu:	11553058		LCK_HUMAN	Fu1:	444345	1c	1QPD	2DQ7	2OF2		Sc=6.17573, min distance = 2.34525
FYN_HUMAN	Fu:	11857236		KAPCA_BOVIN	F1	444345	1c	1STC	2DQ7	3E8C		Sc=6.57843, min distance = 1.92508
FYN_HUMAN	Fu:	11957417		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2DQ7	2I40		Sc=6.27483, min distance = 2.46250
FYN_HUMAN	Fu:	11992146		MAPK2_HUMAN	F1	444345	1c	2PZY	2DQ7	2P3G		Sc=6.192, min distance = 2.24836
FYN_HUMAN	Fu:	15991572		LCK_HUMAN	Fu1:	444345	1c	1QPD	2DQ7	2OF4		Sc=6.26707, min distance = 2.43971
FYN_HUMAN	Fu:	160355	rd	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2DQ7	3DDQ		Sc=6.15595, min distance = 2.26373

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FYN_HUMAN	Fu: 16122608	PDPK1_HUMAN	Fu: 444345	1c	1OKY	2DQ7	2PE1	Sc=6.32546, min distance = 2.774752
FYN_HUMAN	Fu: 16122643	CHK1_HUMAN	Fu: 444345	1c	1NVR	2DQ7	2YWP	Sc=6.25434, min distance = 2.837974
FYN_HUMAN	Fu: 16214823	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2UZB	Sc=6.06554, min distance = 2.502105
FYN_HUMAN	Fu: 16214825	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2UZE	Sc=6.22897, min distance = 2.821481
FYN_HUMAN	Fu: 16214826	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2UZL	Sc=6.11085, min distance = 2.542094
FYN_HUMAN	Fu: 16214828	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2UZO	Sc=6.06024, min distance = 2.324032
FYN_HUMAN	Fu: 16758227	CHK1_HUMAN	Fu: 444345	1c	1NVR	2DQ7	2R0U	Sc=6.5396, min distance = 2.318315
FYN_HUMAN	Fu: 1707 1fvt	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1FVT	Sc=6.07038, min distance = 2.529789
FYN_HUMAN	Fu: 1907917 2	CHK1_HUMAN	Fu: 444345	1c	1NVR	2DQ7	2CGW	Sc=6.10392, min distance = 3.020277
FYN_HUMAN	Fu: 23536770	LCK_HUMAN	Fu: 444345	1c	1QPD	2DQ7	3BYM	Sc=6.32712, min distance = 2.776820
FYN_HUMAN	Fu: 23653515	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2R3F	Sc=5.87941, min distance = 2.657905
FYN_HUMAN	Fu: 23657800	CHK1_HUMAN	Fu: 444345	1c	1NVR	2DQ7	2E9P	Sc=6.2584, min distance = 2.7320638
FYN_HUMAN	Fu: 23727982	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	3BHU	Sc=6.21873, min distance = 2.435036
FYN_HUMAN	Fu: 2396 bisl	PDPK1_HUMAN	Fu: 444345	1c	1OKY	2DQ7	1UU8	Sc=6.38077, min distance = 2.263686
FYN_HUMAN	Fu: 2398 bisl	PDPK1_HUMAN	Fu: 444345	1c	1OKY	2DQ7	1UU9	Sc=6.43336, min distance = 2.447671
FYN_HUMAN	Fu: 2403 luvr	PDPK1_HUMAN	Fu: 444345	1c	1OKY	2DQ7	1UVR	Sc=6.37213, min distance = 2.476339
FYN_HUMAN	Fu: 24901723	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2W06	Sc=6.16565, min distance = 2.440036
FYN_HUMAN	Fu: 24905143	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	2DQ7	2V4L	Sc=6.09202, min distance = 2.933880
FYN_HUMAN	Fu: 24905144	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	2DQ7	3ENE	Sc=6.07542, min distance = 2.408839
FYN_HUMAN	Fu: 24916751	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	3DOG	Sc=6.14107, min distance = 2.257029
FYN_HUMAN	Fu: 24963038	LCK_HUMAN	Fu: 444345	1c	1QPD	2DQ7	2ZM1	Sc=6.04956, min distance = 2.550581
FYN_HUMAN	Fu: 24963039	LCK_HUMAN	Fu: 444345	1c	1QPD	2DQ7	2ZM4	Sc=6.24736, min distance = 2.617979
FYN_HUMAN	Fu: 24963049	KAPCA_BOVIN	Fu: 444345	1c	1STC	2DQ7	3E8E	Sc=6.5628, min distance = 2.1120201
FYN_HUMAN	Fu: 25021197	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	3EOC	Sc=6.19283, min distance = 2.571250
FYN_HUMAN	Fu: 33113 gan	IRAK4_HUMAN	Fu: 444345	1c	2NRY	2DQ7	2OID	Sc=5.96429, min distance = 2.142571
FYN_HUMAN	Fu: 4369136 Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1DM2	Sc=6.20562, min distance = 2.716281
FYN_HUMAN	Fu: 446704 LS	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1KE6	Sc=6.23524, min distance = 2.051009
FYN_HUMAN	Fu: 447649 1c	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1OI9	Sc=6.2946, min distance = 2.3024936
FYN_HUMAN	Fu: 447652 In	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1OIQ	Sc=6.09022, min distance = 2.826992
FYN_HUMAN	Fu: 447654 CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1OIT	Sc=6.13824, min distance = 2.318911
FYN_HUMAN	Fu: 447655 1c	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1OIU	Sc=6.24245, min distance = 2.386621
FYN_HUMAN	Fu: 447962 1g	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2C5N	Sc=6.09201, min distance = 2.944467
FYN_HUMAN	Fu: 448043 2g	KAPCA_BOVIN	Fu: 444345	1c	1STC	2DQ7	1Q8U	Sc=5.94415, min distance = 2.814291
FYN_HUMAN	Fu: 448171 CI	LCK_HUMAN	Fu: 444345	1c	1QPD	2DQ7	1QPE	Sc=6.09476, min distance = 2.603300
FYN_HUMAN	Fu: 456214 pu	KS6A1_HUMAN	Fu: 444345	1c	2Z7R	2DQ7	2Z7S	Sc=6.27762, min distance = 2.309001
FYN_HUMAN	Fu: 4565 1h1r	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1H1R	Sc=6.21437, min distance = 2.383741
FYN_HUMAN	Fu: 4566 1h1s	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1H1S	Sc=6.24916, min distance = 2.226471

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FYN_HUMAN	Fu: 5288016	6	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2B53			Sc=5.86387, min distance = 2.82514
FYN_HUMAN	Fu: 5288708	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1KE5			Sc=6.0941, min distance = 2.635414
FYN_HUMAN	Fu: 5288711	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1KE8			Sc=6.25032, min distance = 2.62979
FYN_HUMAN	Fu: 5288712	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1KE9			Sc=6.18257, min distance = 2.70309
FYN_HUMAN	Fu: 5327121	1	PIM1_HUMAN	Fu: 444345	1c	1YHS	2DQ7	2C3I			Sc=6.09239, min distance = 2.74128
FYN_HUMAN	Fu: 5327122	0	CHK1_HUMAN	Fu: 444345	1c	1NVR	2DQ7	2C3K			Sc=6.38992, min distance = 2.04009
FYN_HUMAN	Fu: 5327123	1	CHK1_HUMAN	Fu: 444345	1c	1NVR	2DQ7	2C3L			Sc=6.13423, min distance = 2.58518
FYN_HUMAN	Fu: 5331010	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2BKZ			Sc=6.19288, min distance = 2.44133
FYN_HUMAN	Fu: 5494414	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2A0C			Sc=6.39009, min distance = 2.61655
FYN_HUMAN	Fu: 6102670		CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1YKR			Sc=6.25497, min distance = 2.35133
FYN_HUMAN	Fu: 6420138	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2UUE			Sc=6.22886, min distance = 2.61199
FYN_HUMAN	Fu: 6420139	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	2C5V			Sc=6.08593, min distance = 2.76977
FYN_HUMAN	Fu: 6539118	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1FVV			Sc=6.3457, min distance = 2.36688
FYN_HUMAN	Fu: 656971	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1Y8Y			Sc=5.8816, min distance = 2.29602
FYN_HUMAN	Fu: 6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	2DQ7	2GNI			Sc=5.90321, min distance = 2.15574
FYN_HUMAN	Fu: 72271	7-H	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	1PKD	0.91		Sc=6.42697, min distance = 2.02028
FYN_HUMAN	Fu: 9817550	V	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2DQ7	3BHV			Sc=6.32218, min distance = 2.47527
G3P1_ECOLI	Fu: 169266	1,	GALE_HUMAN	Fu: 5893	nadi	1HZJ	1GAD	1I3K	0.79		Sc=6.72797, min distance = 2.04737
G3P1_ECOLI	Fu: 439153	Di	Q9BJJ9_PLAFA	Fu: 5893	nadi	1UH5	1GAD	1V35	0.79		Sc=6.72235, min distance = 1.77627
G3P1_ECOLI	Fu: 440141	9i	G6PD_LEUME	Fu: 5893	nadi	1H94	1GAD	1E7Y			Sc=5.64007, min distance = 2.00553
G3P1_ECOLI	Fu: 446050	CI	G3P_HUMAN	Fu: 5893	nadi	1U8F	1GAD	3GPD	66.06	0.95	Sc=6.8224, min distance = 0.650687
G3P1_ECOLI	Fu: 6022	Ader	Q5SI02_THET8	Fu: 5893	nadi	2BJK	1GAD	2BJA			Sc=6.17595, min distance = 2.66135
G3P1_KLULA	Fu: 79025	alg	MALE_ECOLI	Fu: 64960	Pol	1LAX	2I5P	1ANF	0.89		Sc=5.86637, min distance = 0.97858
G3P1_KLUMA	Fu: 79025	alg	MALE_ECOLI	Fu: 64960	Pol	1LAX	2I5P	1ANF	0.89		Sc=5.86637, min distance = 0.97858
G3PA_SPIOL	Fu: 11987635		ADH_DROLE	Fu: 5893	nadi	1SBY	1NBO	1B2L	0.76		Sc=6.35172, min distance = 1.96631
G3PA_SPIOL	Fu: 439153	Di	Q9BJJ9_PLAFA	Fu: 5893	nadi	1UH5	1NBO	1V35	0.79		Sc=6.72482, min distance = 1.77063
G3PA_SPIOL	Fu: 440141	9i	DHB1_HUMAN	Fu: 5886	NADP	1QYV	1RM4	1QYW			Sc=5.72406, min distance = 2.74656
G3PA_SPIOL	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADP	1H9A	1RM4	1E7Y			Sc=6.32967, min distance = 1.87795
G3PA_SPIOL	Fu: 444564	AD	ARO1_EMENI	Fu: 5893	nadi	1SG6	1NBO	1NVA			Sc=5.68501, min distance = 1.50882
G3PA_SPIOL	Fu: 445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1NBO	2FZE			Sc=5.87012, min distance = 1.22728
G3PA_SPIOL	Fu: 446050	CI	G3P_HUMAN	Fu: 5893	nadi	1U8F	1NBO	3GPD	45.54	0.95	Sc=6.8224, min distance = 0.98213
G3PA_SPIOL	Fu: 446288	NA	G3P_PALVE	Fu: 5893	nadi	1DSS	1NBO	1IHX	46.48		Sc=6.34155, min distance = 0.91435
G3PA_SPIOL	Fu: 6022	Ader	UGDH_HUMAN	Fu: 5893	nadi	2Q3E	1NBO	2QG4			Sc=6.54147, min distance = 0.70829
G3PG_LEIME	Fu: 11987635		ADH_DROLE	Fu: 5893	nadi	1SBY	1A7K	1B2L	0.76		Sc=6.36057, min distance = 2.05669
G3PG_LEIME	Fu: 15942690		INHA_MYCTU	Fu: 5893	nadi	2H7I	1A7K	2NTJ			Sc=6.14303, min distance = 1.66722
G3PG_LEIME	Fu: 439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1A7K	1DEH	0.79		Sc=6.30018, min distance = 1.64264
G3PG_LEIME	Fu: 439153	Di	Q9BJJ9_PLAFA	Fu: 5893	nadi	1UH5	1A7K	1V35	0.79		Sc=6.74139, min distance = 1.80462

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G3PG_LEIME	Fu	446288	NZ	G3P_PALVE	Ful	5893	nadi	1DSS	1A7K	1IHX	54.39		Sc=6.36484, min distance = 1.237887
G3PG_LEIME	Fu	447049	OA	NPD_THEMA	Ful	5893	nadi	2H4H	1A7K	2H4J			Sc=5.86024, min distance = 2.126204
G3PG_LEIME	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1A7K	2NV6	0.93		Sc=6.83388, min distance = 2.115459
G3PG_LEIME	Fu	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1A7K	2BJA			Sc=6.24465, min distance = 2.349869
G3PG_TRYCR	Fu	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	3DMT	1V35	0.79		Sc=6.7575, min distance = 1.804949
G3PG_TRYCR	Fu	444427	CI	ADH_DROLE	Ful	5893	nadi	1SBY	3DMT	1B15	0.76		Sc=6.07254, min distance = 1.740792
G3PG_TRYCR	Fu	444564	AI	ARO1_EMENI	Fu	5893	nadi	1SG6	3DMT	1NVA			Sc=5.99064, min distance = 1.817702
G3PG_TRYCR	Fu	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	3DMT	3GPD	51.42	0.95	Sc=6.82297, min distance = 0.856932
G3PG_TRYCR	Fu	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	3DMT	2BJA			Sc=6.27055, min distance = 2.117278
G3P_AQUAE	Fu	11987635		ADH_DROLE	Ful	5893	nadi	1SBY	2EP7	1B2L	0.76		Sc=6.82117, min distance = 2.001239
G3P_AQUAE	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2EP7	1I3K	0.79		Sc=6.75794, min distance = 1.990880
G3P_AQUAE	Fu	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2EP7	1DEH	0.79		Sc=6.75279, min distance = 1.872449
G3P_AQUAE	Fu	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	2EP7	2JHF	0.79		Sc=6.42284, min distance = 2.007460
G3P_AQUAE	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2EP7	1UDB	0.79		Sc=6.74618, min distance = 2.054350
G3P_AQUAE	Fu	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	2EP7	1V35	0.79		Sc=6.75137, min distance = 1.785169
G3P_AQUAE	Fu	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	2EP7	1BDM	0.79		Sc=6.31088, min distance = 1.996020
G3P_AQUAE	Fu	444427	CI	ADH_DROLE	Ful	5893	nadi	1SBY	2EP7	1B15	0.76		Sc=6.35233, min distance = 2.133760
G3P_AQUAE	Fu	444428	CI	ADH_DROLE	Ful	5893	nadi	1SBY	2EP7	1B16	0.77		Sc=6.37353, min distance = 2.161630
G3P_AQUAE	Fu	445794	AI	ADHX_HUMAN	Fu	5893	nadi	2FZW	2EP7	2FZE			Sc=6.57197, min distance = 2.051820
G3P_AQUAE	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	2EP7	2NV6	0.93		Sc=6.83523, min distance = 2.063960
G3P_AQUAE	Fu	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	2EP7	1GZ4			Sc=6.50178, min distance = 1.121389
G3P_AQUAE	Fu	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	2EP7	2BJA			Sc=6.26336, min distance = 2.267332
G3P_BACST	Fu	16741136		DYR_ECOLI	Ful	5886	NADF	1RA2	2DBV	1RX9	1		Sc=5.63618, min distance = 2.024360
G3P_HUMAN	Fu	11987635		ADH_DROLE	Ful	5893	nadi	1SBY	1U8F	1B2L	0.76		Sc=6.35889, min distance = 2.042620
G3P_HUMAN	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1U8F	1UDB	0.79		Sc=6.7298, min distance = 2.024719
G3P_HUMAN	Fu	445794	AI	G3P_PALVE	Ful	5893	nadi	1DSS	1U8F	1IHY	74.31		Sc=6.66314, min distance = 1.281759
G3P_HUMAN	Fu	446288	NZ	G3P_PALVE	Ful	5893	nadi	1DSS	1U8F	1IHX	74.31		Sc=6.36728, min distance = 1.177627
G3P_HUMAN	Fu	447049	OA	NPD_THEMA	Ful	5893	nadi	2H4H	1U8F	2H4J			Sc=5.86153, min distance = 2.178400
G3P_HUMAN	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1U8F	2NV6	0.93		Sc=6.83012, min distance = 1.924854
G3P_METFE	Fu	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1CF2	1QYW			Sc=6.34773, min distance = 2.744179
G3P_METFE	Fu	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	1CF2	1DRW	0.91		Sc=6.29161, min distance = 2.027740
G3P_METJA	Fu	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2YYY	1QYW			Sc=6.38219, min distance = 2.323550
G3P_PALVE	Fu	15942665		INHA_MYCTU	Fu	5893	nadi	2H7I	1DSS	2H9I	0.88		Sc=6.54762, min distance = 2.078060
G3P_PALVE	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1DSS	1I3K	0.79		Sc=6.42848, min distance = 2.036570
G3P_PALVE	Fu	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1DSS	1V35	0.79		Sc=6.73389, min distance = 1.984250
G3P_PALVE	Fu	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	1DSS	3GPD	74.31	0.95	Sc=6.76878, min distance = 1.664380
G3P_PALVE	Fu	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1DSS	2NV6	0.93		Sc=6.52297, min distance = 2.124720

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G3P_PALVE	Fu: 6022 Ader	Q5SI02_THET8	1 5893 nadi	2BJK	1DSS	2BJA		Sc=6.26431, min distance = 2.37574
G3P_PYRHO	Fu: 11987635	ADH_DROLE	Fu: 5893 nadi	1SBY	2CZC	1B2L	0.76	Sc=6.05616, min distance = 2.16053
G3P_PYRHO	Fu: 123927 A3	DAPB_ECOLI	Fu: 5893 nadi	1DRU	2CZC	1DRV	0.97	Sc=5.7938, min distance = 2.155797
G3P_PYRHO	Fu: 16129587	G3PA_SPIOL	Fu: 5893 nadi	1NBO	2CZC	2PKR		Sc=6.75198, min distance = 1.58021
G3P_PYRHO	Fu: 439153 Di	GALE_ECOLI	Fu: 5893 nadi	1UDC	2CZC	1UDB	0.79	Sc=6.28982, min distance = 1.86168
G3P_PYRHO	Fu: 446050 CI	G3P_HUMAN	Fu: 5893 nadi	1U8F	2CZC	3GPD	0.95	Sc=6.28042, min distance = 1.26762
G3P_RABIT	Fu: 5893 nadi	GALE_ECOLI	Fu: 439153 Di	1UDB	1J0X	1UDC	0.79	Sc=6.40985, min distance = 1.84050
G3P_THEAQ	Fu: 11987635	ADH_DROLE	Fu: 5893 nadi	1SBY	2G82	1B2L	0.76	Sc=6.81718, min distance = 2.02256
G3P_THEAQ	Fu: 15942665	INHA_MYCTU	Fu: 5893 nadi	2H7I	2G82	2H9I	0.88	Sc=6.54567, min distance = 2.14025
G3P_THEAQ	Fu: 439153 Di	CTBP1_RAT	Fu: 5893 nadi	1HKU	2G82	1HL3	0.79	Sc=6.2853, min distance = 2.02024
G3P_THEAQ	Fu: 446050 CI	G3P_HUMAN	Fu: 5893 nadi	1U8F	2G82	3GPD	0.95	Sc=6.80855, min distance = 0.93589
G3P_THEAQ	Fu: 449263 IN	INHA_MYCTU	Fu: 5893 nadi	2H7I	2G82	2NV6	0.93	Sc=6.52297, min distance = 2.21297
G3P_THEMA	Fu: 11987635	ADH_DROLE	Fu: 5893 nadi	1SBY	1HDG	1B2L	0.76	Sc=6.81284, min distance = 2.13330
G3P_THEMA	Fu: 15942665	INHA_MYCTU	Fu: 5893 nadi	2H7I	1HDG	2H9I	0.88	Sc=6.86084, min distance = 1.85079
G3P_THEMA	Fu: 15942690	INHA_MYCTU	Fu: 5893 nadi	2H7I	1HDG	2NTJ		Sc=6.14731, min distance = 1.67326
G3P_THEMA	Fu: 169266 1,	GALE_HUMAN	Fu: 5893 nadi	1HZJ	1HDG	1I3K	0.79	Sc=6.74797, min distance = 2.10576
G3P_THEMA	Fu: 439153 Di	Q9BJJ9_PLAFA	1 5893 nadi	1UH5	1HDG	1V35	0.79	Sc=6.7372, min distance = 2.01279
G3P_THEMA	Fu: 445794 AD	ADHX_HUMAN	Fu: 5893 nadi	2FZW	1HDG	2FZE		Sc=5.8252, min distance = 2.10901
G3P_THEMA	Fu: 446006 CI	MDH_THETH	Fu: 5893 nadi	1BMD	1HDG	2CVQ		Sc=6.02906, min distance = 2.02012
G3P_THEMA	Fu: 446050 CI	G3P_HUMAN	Fu: 5893 nadi	1U8F	1HDG	3GPD	0.95	Sc=6.71564, min distance = 2.34986
G3P_THEMA	Fu: 446288 NA	G3P_PALVE	Fu: 5893 nadi	1DSS	1HDG	1IHX		Sc=6.29376, min distance = 2.40302
G3P_THEMA	Fu: 449263 IN	INHA_MYCTU	Fu: 5893 nadi	2H7I	1HDG	2NV6	0.93	Sc=6.83262, min distance = 2.01611
G3P_THEMA	Fu: 6022 Ader	Q5SI02_THET8	1 5893 nadi	2BJK	1HDG	2BJA		Sc=6.24046, min distance = 2.52283
G6PD_HUMAN	Fu: 15942680	6PGD_LACLM	Fu: 5886 NADF	2IZ0	2BH9	2IZ1		Sc=6.02108, min distance = 2.36763
G6PD_HUMAN	Fu: 440141 9i	DHB1_HUMAN	Fu: 5886 NADF	1QYV	2BH9	1QYW		Sc=5.91218, min distance = 1.04992
G6PD_LEUME	Fu: 16741136	DYR_ECOLI	Fu: 165230 1a	1RA9	2DPG	1RX9		Sc=5.9294, min distance = 2.41931
G6PD_LEUME	Fu: 439153 Di	Q9BJJ9_PLAFA	1 5893 nadi	1UH5	1H94	1V35	0.79	Sc=6.25197, min distance = 2.16935
G6PI_MOUSE	Fu: 191445 1g	G6PI_HUMAN	Fu: 192838 Er	1IRI	1U0G	1NUH		Sc=5.94313, min distance = 1.94546
G6PI_MOUSE	Fu: 439284 Rc	GLMS_ECOLI	Fu: 152306 Sc	2J6H	2CXQ	1MOR	0.81	Sc=5.97755, min distance = 1.83026
G6PI_MOUSE	Fu: 446761 CI	G6PI_RABIT	Fu: 91493 1pg	1DQR	2CXR	1KOJ		Sc=5.92605, min distance = 1.46999
G6PI_MOUSE	Fu: 447096 Rc	G6PI_PYRFU	Fu: 91493 1pg	1QY4	2CXR	2GC3		Sc=6.02042, min distance = 2.49064
G6PI_MOUSE	Fu: 6102755 C	GLMS_ECOLI	Fu: 152306 Sc	2J6H	2CXQ	2BPL		Sc=6.12866, min distance = 0.92053
G6PI_RABIT	Fu: 439427 Rc	CGGR_BACSU	Fu: 440641 1r	3BXH	1HOX	3BXG	0.89	Sc=5.94452, min distance = 2.12631
G6PI_RABIT	Fu: 447096 Rc	G6PI_PYRFU	Fu: 91493 1pg	1QY4	1DQR	2GC3		Sc=6.0025, min distance = 2.30012
G6PI_RABIT	Fu: 448823 CI	G6PI_MOUSE	Fu: 152306 Sc	2CXQ	1XTB	1U0F		Sc=5.92308, min distance = 2.31695
G6PI_RABIT	Fu: 448823 CI	G6PI_MOUSE	Fu: 91493 1pg	2CXR	1DQR	1U0F		Sc=5.92308, min distance = 2.14130
GAL10_YEAST	1 439764 be	ARAF_ECOLI	Fu: 439353 be	8ABP	1Z45	6ABP	0.93	Sc=5.61842, min distance = 2.53558

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GAL10_YEAST	1	445675	Urid	GALE_HUMAN	Fu: 169266	1,	1I3K	1Z45	1HZJ			Sc=6.1034, min distance = 1.961365
GAL10_YEAST	1	5893	nadi	GALE_HUMAN	Fu: 169266	1,	1I3K	1Z45	1HZJ	0.79		Sc=6.80041, min distance = 2.458368
GAL10_YEAST	1	5893	nadi	GALE_HUMAN	Fu: 8629	UDP-	1I3K	1Z45	1HZJ			Sc=6.7943, min distance = 2.269382
GAL10_YEAST	1	6031	Urid	GSTA_BPT4	Fu: 8629	UDP-	1Y6F	1Z45	1XV5	0.89		Sc=5.80136, min distance = 2.444789
GAL10_YEAST	1	7027	gluc	Q72KX2_THET2	1	439353	be	2B3F	1Z45			Sc=5.84152, min distance = 2.318612
GAL1_PYRFU	F1	444564	AD	MYS2_DICDI	Fu: 6022	Aden	1VOM	1S4E	1W9I	0.91		Sc=5.99534, min distance = 1.863359
GAL1_PYRFU	F1	445966	O6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1S4E	1H0V			Sc=6.14268, min distance = 1.711910
GAL1_PYRFU	F1	448968	1u	HS90A_HUMAN	Fu: 6022	Aden	1BYQ	1S4E	1UY9			Sc=6.12698, min distance = 2.184838
GAL1_PYRFU	F1	448976	1u	HS90A_HUMAN	Fu: 6022	Aden	1BYQ	1S4E	1UYK			Sc=6.00781, min distance = 2.298882
GAL1_PYRFU	F1	4565	1h1r	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1S4E	1H1R			Sc=5.9741, min distance = 1.698518
GAL1_PYRFU	F1	489519	AD	DCK_HUMAN	Fu: 6022	Aden	1P5Z	1S4E	2ZI4	0.92		Sc=6.25868, min distance = 1.790819
GAL1_PYRFU	F1	5957	Ader	MALK_ECOLI	Fu: 6022	Aden	2AWN	1S4E	1Q12	0.99		Sc=6.04516, min distance = 0.497870
GAL1_PYRFU	F1	5957	Ader	MUTS_ECOLI	Fu: 6022	Aden	1OH7	1S4E	1W7A	0.99		Sc=6.03743, min distance = 1.891788
GAL1_PYRFU	F1	91532	AMF	AROK_MYCTU	Fu: 6022	Aden	2IYV	1S4E	1ZYU	0.99		Sc=5.74217, min distance = 2.161790
GAL1_PYRFU	F1	9549213	2	HS90A_HUMAN	Fu: 6022	Aden	1BYQ	1S4E	2FWZ			Sc=6.14203, min distance = 2.147899
GAL1_PYRHO	F1	439764	be	ARAF_ECOLI	Fu: 439357	ga	8ABP	2DEJ	6ABP	0.93		Sc=5.64481, min distance = 2.413760
GAL1_YEAST	F1	1400	nche	HCK_HUMAN	Fu: 33113	gar	1AD5	2AJ4	1QCF			Sc=6.27493, min distance = 1.952588
GAL1_YEAST	F1	3547	Fasu	ROCK1_HUMAN	Fu: 33113	gar	2V55	2AJ4	2ESM			Sc=5.98489, min distance = 1.713838
GAL1_YEAST	F1	439731	al	ARAF_ECOLI	Fu: 439357	ga	8ABP	2AJ4	6ABP	0.93		Sc=5.6567, min distance = 2.369975
GAL1_YEAST	F1	439764	be	ARAF_ECOLI	Fu: 439357	ga	8ABP	2AJ4	6ABP	0.93		Sc=5.65079, min distance = 2.276498
GAL1_YEAST	F1	444564	AD	MYS2_DICDI	Fu: 33113	gar	1MMN	2AJ4	1W9I	0.91		Sc=5.99994, min distance = 2.219192
GAL1_YEAST	F1	448043	2g	ROCK1_HUMAN	Fu: 33113	gar	2V55	2AJ4	3D9V			Sc=6.06165, min distance = 1.687752
GAL1_YEAST	F1	5149739	2	CSK2A_MAIZE	Fu: 33113	gar	1LP4	2AJ4	2OXY			Sc=5.60686, min distance = 2.013072
GAL1_YEAST	F1	5326976	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	2AJ4	1ZOE			Sc=5.77644, min distance = 2.184814
GAL1_YEAST	F1	91532	AMF	PURT_ECOLI	Fu: 33113	gar	1EYZ	2AJ4	1KJI	0.99		Sc=6.53262, min distance = 1.924222
GAL80_YEAST	1	445473	NA	GFO_ZYMMO	Fu: 5893	nadi	1EVJ	3BTS	1RYD	0.94		Sc=6.78334, min distance = 1.564359
GAL80_YEAST	1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	3BTS			Sc=6.16289, min distance = 2.620479
GALE_ECOLI	F1	169266	1,	GALE_HUMAN	Fu: 5893	nadi	1HZJ	1UDC	1I3K	52.79	0.79	Sc=6.79904, min distance = 2.045548
GALE_ECOLI	F1	445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1UDC	2FZE			Sc=6.66569, min distance = 1.879839
GALE_ECOLI	F1	6030	Urid	O87988_BORBR	1	6031	Urid	2PZM	1NAH	0.99		Sc=6.27868, min distance = 2.283828
GALE_ECOLI	F1	6030	Urid	PYRH_ECOLI	Fu: 6031	Urid	2BND	1NAH	2BNE	0.99		Sc=6.26565, min distance = 2.540037
GALE_ECOLI	F1	6133	urid	PYRH_ECOLI	Fu: 6031	Urid	2BND	1NAH	2BNF	1		Sc=5.64627, min distance = 1.898082
GALE_HUMAN	F1	439153	Di	GALE_ECOLI	Fu: 5893	nadi	1UDC	1HZJ	1UDB	52.79	0.79	Sc=6.79211, min distance = 2.538309
GALE_HUMAN	F1	445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1HZJ	2FZE			Sc=6.67276, min distance = 0.294432
GALE_HUMAN	F1	449263	IN	INHA_MYCTU	Fu: 5893	nadi	2H7I	1HZJ	2NV6	0.93		Sc=6.87022, min distance = 2.107002
GALE_HUMAN	F1	6031	Urid	GALE_ECOLI	Fu: 5893	nadi	1UDC	1HZJ	1NAH	52.79		Sc=6.33527, min distance = 2.522390
GALK1_HUMAN	1	16750062		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1WUU	2OXD			Sc=5.7481, min distance = 2.1314290

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GALK1_HUMAN	1	3064778	H	ROCK1_HUMAN	Ft	33113	gar	2V55	1WUU	2ETK		Sc=6.15759, min distance = 1.342590
GALK1_HUMAN	1	3547	Fasu	ROCK1_HUMAN	Ft	33113	gar	2V55	1WUU	2ESM		Sc=5.97078, min distance = 2.372810
GALK1_HUMAN	1	439731	al	ARAF_ECOLI	Fu	439357	ga	8ABP	1WUU	6ABP	0.93	Sc=5.61175, min distance = 2.381860
GALK1_HUMAN	1	439764	be	ARAF_ECOLI	Fu	439357	ga	8ABP	1WUU	6ABP	0.93	Sc=5.61842, min distance = 2.287550
GALK1_HUMAN	1	5149739	2	CSK2A_MAIZE	Ft	33113	gar	1LP4	1WUU	2OXY		Sc=5.62231, min distance = 2.368970
GALK1_HUMAN	1	5326976	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	1WUU	1ZOE		Sc=5.80553, min distance = 2.411190
GALK1_HUMAN	1	5326977	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	1WUU	1ZOG		Sc=5.68791, min distance = 2.020950
GALK1_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1WUU	2ERZ		Sc=6.21742, min distance = 1.614490
GALK1_HUMAN	1	6083	ader	HSP71_HUMAN	Ft	33113	gar	2E8A	1WUU	1XQS	0.97	Sc=5.92099, min distance = 2.190700
GALK1_HUMAN	1	64960	Pol	FCN2_HUMAN	Fu	439357	ga	2J3U	1WUU	2J0Y	0.89	Sc=5.89111, min distance = 0.563090
GALK2_HUMAN	1	101798	Me	LECA_ARTIN	Fu	84265	1ax	1M26	2A2D	1WS5		Sc=5.86105, min distance = 2.265880
GALK2_HUMAN	1	3547	Fasu	ROCK1_HUMAN	Ft	33113	gar	2V55	2A2D	2ESM		Sc=5.98898, min distance = 2.440120
GALK2_HUMAN	1	439353	be	LEC_ERYCO	Fu	84265	1ax	1AX0	2A2D	1AX1		Sc=5.77993, min distance = 2.249360
GALK2_HUMAN	1	444564	Al	MYS2_DICDI	Fu	6022	Aden	1VOM	2A2C	1W9I	0.91	Sc=6.45524, min distance = 2.013550
GALK2_HUMAN	1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2A2C	1ZTF	0.95	Sc=6.26717, min distance = 2.137570
GALK2_HUMAN	1	448882	NG	LECA_ARTIN	Fu	84265	1ax	1M26	2A2D	1UGX	0.96	Sc=6.11407, min distance = 2.461800
GALK2_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2A2D	2ERZ		Sc=6.25285, min distance = 1.459420
GALK2_HUMAN	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2A2C	1FMO	0.95	Sc=6.26369, min distance = 2.112420
GALK2_HUMAN	1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2A2D	1YI4	0.93	Sc=6.25934, min distance = 2.209650
GALK2_HUMAN	1	76935	alg	LECA_ARTIN	Fu	84265	1ax	1M26	2A2D	1WS4		Sc=5.7389, min distance = 2.5522590
GALK2_HUMAN	1	76935	alg	Q868M7_9ECHN	I	84265	1ax	2Z48	2A2D	2Z49		Sc=5.88141, min distance = 2.119120
GALK2_HUMAN	1	79025	alg	TRFL_BOVIN	Fu	84265	1ax	2AYS	2A2D	2DWJ		Sc=5.71748, min distance = 2.272420
GALK2_HUMAN	1	91532	AMF	NIFH1_AZOVI	Ft	6022	Aden	1FP6	2A2C	2AFK	0.99	Sc=6.09252, min distance = 1.729200
GALM_HUMAN	Ft	6027	xylc	Q9ZB17_9LACT	I	439353	be	1NSX	1S00	1MN0	0.93	Sc=5.62221, min distance = 2.108390
GALT2_HUMAN	1	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	2FFU	2PZL	0.99	Sc=6.30651, min distance = 2.227090
GALT2_HUMAN	1	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2FFU	2BNE	0.99	Sc=6.32026, min distance = 1.884100
GALT2_HUMAN	1	6133	urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2FFU	2BNF	1	Sc=5.99785, min distance = 1.423320
GAMT_HUMAN	Ft	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1ZX0	1JG2	0.84	Sc=6.34196, min distance = 2.285660
GAMT_HUMAN	Ft	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	1ZX0	1QAQ	0.88	Sc=6.15177, min distance = 2.163140
GAMT_HUMAN	Ft	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	1ZX0	2HV9	0.88	Sc=6.60622, min distance = 1.651550
GAMT_HUMAN	Ft	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1ZX0	1NW6	0.88	Sc=6.12356, min distance = 1.825870
GAMT_RAT	Fu	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1XCJ	1Z3C	0.91	Sc=6.60622, min distance = 2.020080
GAMT_RAT	Fu	446535	Cl	HNMT_HUMAN	Fu	439155	Ad	2AOT	1XCJ	1JQE	0.95	Sc=6.56076, min distance = 2.541410
GAMT_RAT	Fu	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1XCJ	1JG2	0.84	Sc=6.33194, min distance = 2.658220
GANA_THIHE	Ft	854023	Ep	Q8WSF8_APLCA	I	23831	HEF	2BR7	1HJS	2BYQ		Sc=5.75071, min distance = 1.364510
GATB_STAAM	Ft	16046126		CDK2_HUMAN	Fu	6022	Aden	1GY3	2G5I	2DS1		Sc=6.46315, min distance = 2.144390
GATB_STAAM	Ft	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	2G5I	3BHT		Sc=6.11627, min distance = 1.923670

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GATB_STAAM	F1	23727982	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2G5I	3BHU		Sc=6.14776, min distance = 1.910745
GATB_STAAM	F1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2G5I	1OIQ	Sc=6.09202, min distance = 2.327910
GATB_STAAM	F1	448005	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	2G5I	1Q3W	Sc=6.35883, min distance = 2.071436
GATB_STAAM	F1	5287844	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2G5I	1UV5	Sc=6.38236, min distance = 1.807910
GATB_STAAM	F1	5288641	i	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2G5I	1E9H	Sc=6.30034, min distance = 2.086745
GATB_STAAM	F1	5326739	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2G5I	1Q41	Sc=6.37366, min distance = 2.067575
GATB_STAAM	F1	5327148	C	IPKA_RABIT	Fu:	6022	Aden	1JBP	2G5I	2ERZ	Sc=6.04966, min distance = 2.392192
GATB_STAAM	F1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2G5I	3EJ1	Sc=6.18428, min distance = 1.674410
GATB_STAAM	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2G5I	3BHV	Sc=6.34154, min distance = 2.085155
GBA3_HUMAN	F1	14368760		LPXC_AQUAE	Fu:	985	palmi	2GO3	2E9L	2O3Z	Sc=5.95476, min distance = 1.024300
GBA3_HUMAN	F1	439731	al	ARAF_ECOLI	Fu:	439353	be	8ABP	2E9M	6ABP	0.93 Sc=5.67963, min distance = 2.412692
GBA3_HUMAN	F1	445238	O1	GUN2_THEFU	Fu:	64689	bet	2BOF	2E9L	2BOG	0.94 Sc=5.89398, min distance = 2.274760
GBA3_HUMAN	F1	445564	4-	GUNG_CLOCE	Fu:	64689	bet	1GA2	2E9L	1KFG	0.88 Sc=5.83128, min distance = 0.912872
GBA3_HUMAN	F1	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2E9L	1UOZ	0.77 Sc=5.77431, min distance = 0.235280
GBA3_HUMAN	F1	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2E9L	1UP2	Sc=5.77106, min distance = 2.685555
GBP1_HUMAN	F1	168120	Pe	HINT1_RABIT	F1	6804	guan	3RHN	2B8W	5RHN	0.78 Sc=6.40049, min distance = 1.997105
GBP1_HUMAN	F1	188347	pp	ARF1_BOVIN	Fu:	8977	ldar	1R8S	2B92	1R8Q	0.99 Sc=6.52524, min distance = 1.696705
GBP1_HUMAN	F1	188347	pp	ARL5A_HUMAN	F1	8977	ldar	2H17	2B92	1ZJ6	0.99 Sc=6.52393, min distance = 1.934035
GBP1_HUMAN	F1	37792	gar	GNAT1_BOVIN	F1	8977	ldar	1TAD	2B92	1TND	0.99 Sc=6.52203, min distance = 1.776505
GBP1_HUMAN	F1	444335	GT	PAP2_VACCW	Fu:	8977	ldar	1JTF	2B92	1V39	0.99 Sc=6.49746, min distance = 1.816605
GBP1_HUMAN	F1	6022	Ader	PARM_ECOLX	Fu:	8977	ldar	2ZGY	2B92	1MWM	0.8 Sc=6.44981, min distance = 2.180385
GBP1_HUMAN	F1	6031	Uric	O33839_THEMA	I	8977	ldar	1XJE	2B92	1XJG	Sc=5.91536, min distance = 2.069645
GBP1_HUMAN	F1	6802	guar	DPOL_BPR69	Fu:	8977	ldar	1CLQ	2B92	1IH7	0.94 Sc=6.26252, min distance = 2.034685
GBP1_HUMAN	F1	8582	Inos	GMPR2_HUMAN	F1	6804	guan	2A7R	2B8W	2C6Q	0.99 Sc=6.40532, min distance = 2.436725
GCL_ECOLI	Fu:	1132	thia	MDLC_PSEPU	Fu:	444421	CI	2FWN	2PAN	1BFD	0.82 Sc=6.38889, min distance = 2.775450
GCN2_YEAST	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZYD	2UVY	Sc=6.06514, min distance = 2.586415
GCN2_YEAST	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZYD	2VNW	Sc=6.10442, min distance = 2.570115
GCN2_YEAST	F1	129236	2c	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1ZYD	2CSN	Sc=5.84104, min distance = 2.422225
GCN2_YEAST	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1ZY5	2OXD	Sc=5.67964, min distance = 2.441865
GCN2_YEAST	F1	24762195		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZYD	2VO0	Sc=6.24359, min distance = 2.304345
GCN2_YEAST	F1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	1ZY5	2PVH	Sc=6.14859, min distance = 2.442185
GCN2_YEAST	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1ZY5	2ETK	Sc=6.07747, min distance = 2.152705
GCN2_YEAST	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1ZY5	2ESM	Sc=5.9169, min distance = 2.3847445
GCN2_YEAST	F1	3973	nche	PK3CG_PIG	Fu:	5957	Aden	1E8X	1ZYD	1E7V	Sc=5.91318, min distance = 2.078715
GCN2_YEAST	F1	444345	1c	GSK3B_HUMAN	F1	33113	gar	1J1B	1ZY5	1Q3D	Sc=6.3486, min distance = 2.0453095
GCN2_YEAST	F1	444564	AD	MYS2_DICDI	Fu:	5957	Aden	1FMW	1ZYD	1W9I	0.91 Sc=5.71852, min distance = 0
GCN2_YEAST	F1	446721	CI	ASSY_THET8	Fu:	33113	gar	1KOR	1ZY5	1KH2	0.93 Sc=5.97023, min distance = 2.125375

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GCN2_YEAST	F1	448043	2d	ROCK1_HUMAN	F1	33113	gar	2V55	1ZY5	3D9V		Sc=6.00452, min distance = 2.302729
GCN2_YEAST	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1ZY5	1ZOE		Sc=5.72082, min distance = 1.925711
GCN2_YEAST	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1ZY5	1ZOH		Sc=5.63557, min distance = 2.054160
GCN2_YEAST	F1	5327121	1	PIM1_HUMAN	Fu	33113	gar	1XR1	1ZY5	2C3I		Sc=6.22266, min distance = 2.138277
GCN2_YEAST	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1ZYD	2J9D	0.99	Sc=5.69273, min distance = 1.924260
GCN2_YEAST	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1ZYD	2V8Q	0.98	Sc=5.81653, min distance = 2.097952
GCN2_YEAST	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	1ZY5	3CJ7	0.97	Sc=5.88517, min distance = 2.053934
GCNT1_MOUSE	I	449462	2-	LEG7_HUMAN	Fu	439353	be	4GAL	2GAM	3GAL		Sc=5.8196, min distance = 2.0280249
GCP_METJA	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	2VWB	1G4A	0.97	Sc=6.45183, min distance = 1.748897
GCP_METJA	Fu	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2VWB	1XQS	0.97	Sc=6.39065, min distance = 1.734149
GCSPB_THET8	I	447104	1n	1A1C_MALDO	Fu	11987735	1M4N	1WYV	1WYV	1M7Y		Sc=5.92192, min distance = 2.477186
GELS_HORSE	F1	11175137		KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	2UW7		Sc=6.15698, min distance = 2.141607
GELS_HORSE	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	2UVY		Sc=6.22444, min distance = 2.009374
GELS_HORSE	F1	129236	2d	CKI1_SCHPO	Fu	5957	Aden	1CSN	2FGH	2CSN		Sc=5.87696, min distance = 2.199386
GELS_HORSE	F1	15602982		KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	2UW6		Sc=6.11684, min distance = 2.309958
GELS_HORSE	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	2UW5		Sc=6.10814, min distance = 2.230311
GELS_HORSE	F1	16122635		KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	2UW8		Sc=5.65282, min distance = 2.567340
GELS_HORSE	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	1YDS		Sc=5.88671, min distance = 2.026949
GELS_HORSE	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2FGH	1BS1	0.91	Sc=6.39627, min distance = 2.184014
GELS_HORSE	F1	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2FGH	1W9I	0.91	Sc=6.37176, min distance = 0
GELS_HORSE	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	2FGH	1PHK		Sc=6.42238, min distance = 2.106172
GELS_HORSE	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2FGH	1YDR		Sc=5.94462, min distance = 2.099372
GELS_HORSE	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	2FGH	2JA3	0.99	Sc=6.38281, min distance = 2.423689
GELS_HORSE	F1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	2FGH	2ZDH	0.99	Sc=6.37018, min distance = 2.048578
GELS_HORSE	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	2FGH	3C7N	0.99	Sc=6.41927, min distance = 2.254552
GELS_HORSE	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2FGH	1OH7	0.99	Sc=6.39313, min distance = 2.336441
GELS_HORSE	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	2FGH	3ETJ	0.99	Sc=6.39465, min distance = 1.969272
GELS_HORSE	F1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	2FGH	2R7N	0.99	Sc=5.94478, min distance = 2.360839
GELS_HORSE	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	2FGH	2BEJ	0.99	Sc=6.39142, min distance = 2.138331
GELS_HORSE	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	2FGH	2VT2	0.99	Sc=6.12062, min distance = 0.529271
GELS_HORSE	F1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	2FGH	3C4Z	0.99	Sc=6.39766, min distance = 2.333522
GELS_HORSE	F1	6022	Ader	SECA_ECOLI	Fu	5957	Aden	2FSG	2FGH	2FSI	0.99	Sc=6.38579, min distance = 2.039902
GELS_HORSE	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2FGH	2V8Q	0.98	Sc=6.33093, min distance = 1.557222
GELS_HORSE	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2FGH	2R7M	0.98	Sc=5.88306, min distance = 2.198429
GELS_HORSE	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	2FGH	2R85	0.98	Sc=6.31802, min distance = 1.970264
GELS_HORSE	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2FGH	2J9D	0.98	Sc=6.38285, min distance = 1.232099
GELS_HORSE	F1	6133	uric	CCA_ARCFU	Fu	5957	Aden	1R8B	2FGH	1R8C		Sc=5.92217, min distance = 0.844501

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GFA1_CANAL Fu: 439217 1n	GLMS_ECOLI Fu: 439284 Rc 1MOR	2POC	1MOQ	41.48	Sc=5.93931, min distance = 2.164549
GFA1_CANAL Fu: 6031 Urid	MGAT1_RABIT Fu: 445675 UD 1FOA	2POC	2AM5	0.82	Sc=5.88758, min distance = 2.025114
GFO_ZYMMO Fu: 439357 ga	FCN2_HUMAN Fu: 64960 Pol 2J0Y	1RYD	2J3U	0.89	Sc=5.79727, min distance = 1.069580
GFO_ZYMMO Fu: 448155 AD	ILV5_SPIOL Fu: 5886 NADF 1YVE	1H6D	1QMG		Sc=6.62203, min distance = 1.867280
GFO_ZYMMO Fu: 5957 Ader	MAOM_HUMAN Fu: 5893 nadi 1PJ3	1EVJ	1GZ4		Sc=6.02193, min distance = 0.457200
GFO_ZYMMO Fu: 79025 alp	MALE_ECOLI Fu: 64960 Pol 1LAX	1RYD	1ANF	0.89	Sc=5.71587, min distance = 2.532730
GFRP_RAT Ful: 134497 4-	APX_STRGR Ful: 6140 L-ph 1F2P	1IS8	1TF9	0.97	Sc=5.65567, min distance = 2.305590
GFRP_RAT Ful: 4369560 E	PIP_THEAC Ful: 6140 L-ph 1XRM	1IS8	1XQX	0.79	Sc=5.73748, min distance = 1.888660
GFRP_RAT Ful: 446237 4-	CAH2_HUMAN Fu: 6140 L-ph 2FMG	1IS8	1I9L		Sc=5.86582, min distance = 1.327750
GFRP_RAT Ful: 6305 L-tr	APX_STRGR Ful: 6140 L-ph 1F2P	1IS8	1TF8		Sc=5.7383, min distance = 1.9836140
GFRP_RAT Ful: 6305 L-tr	THER_BACTH Fu: 6140 L-ph 1OS0	1IS8	1THL		Sc=5.8888, min distance = 1.9039910
GFRP_RAT Ful: 9060 D-Tr	APX_STRGR Ful: 6140 L-ph 1F2P	1IS8	1TKF		Sc=5.64745, min distance = 2.822720
GGGPS_ARCFU | 24757942	TRPA_SALTY Fu: 439276 3- 1K8Y	2F6X	3CEP		Sc=5.62129, min distance = 2.371440
GGGPS_ARCFU | 439459 Hc	NIFD_KLEPN Fu: 311 citri 1H1L	2F6U	1QGU	0.92	Sc=6.10613, min distance = 1.994830
GGGPS_ARCFU | 439459 Hc	NIFK_KLEPN Fu: 311 citri 1H1L	2F6U	1QGU	0.92	Sc=6.10379, min distance = 1.980420
GGGPS_ARCFU | 439655 d-	MENF_ECOLI Fu: 311 citri 3BZM	2F6U	2EUA		Sc=5.74653, min distance = 2.497610
GGGPS_ARCFU | 444212 tr	ACON_BOVIN Fu: 311 citri 1C96	2F6U	1ACO		Sc=5.93734, min distance = 2.045340
GGGPS_ARCFU | 444305 L-	Q3XZW8_ENTFC | 311 citri 2JFV	2F6U	2JFW		Sc=5.74653, min distance = 2.130400
GGGPS_ARCFU | 447376 2-	ACON_BOVIN Fu: 311 citri 1C96	2F6U	1NIS		Sc=5.92218, min distance = 2.161810
GGGPS_ARCFU | 447536 1c	SRC_HUMAN Fu: 311 citri 1O4L	2F6U	1O4Q		Sc=5.69791, min distance = 2.086870
GGGPS_ARCFU | 51 2-Oxop	SERA_ECOLI Fu: 311 citri 2P9E	2F6U	1YBA	0.76	Sc=5.80186, min distance = 1.555030
GGGPS_ARCFU | 6102712 C	PYRB_ECOLI Fu: 311 citri 1R0B	2F6U	2AIR		Sc=5.66249, min distance = 0.455130
GGPPS_YEAST | 11266583	FPPS_HUMAN Fu: 68740 Zol 2F9K	2E91	2OPM	30.89	Sc=6.01832, min distance = 2.409590
GGPPS_YEAST | 1195 isop	ISPA_ECOLI Fu: 448400 IS 1RQI	2E8U	1RQJ	26.45	Sc=5.72242, min distance = 2.447960
GGPPS_YEAST | 16750060	FPPS_HUMAN Fu: 68740 Zol 2F9K	2E91	2OPN	30.89	Sc=5.74109, min distance = 2.305180
GGPPS_YEAST | 24764446	FPPS_HUMAN Fu: 68740 Zol 2F9K	2E91	3CP6	30.89	Sc=6.06102, min distance = 2.390050
GGPPS_YEAST | 445995 Ge	ISPF_ECOLI Fu: 6102720 C 2GZL	2E8X	1H47		Sc=6.11541, min distance = 2.214220
GGPPS_YEAST | 4674 pami	FPPS_HUMAN Fu: 68740 Zol 2F9K	2E91	2F89	30.89	Sc=5.6418, min distance = 2.8590150
GGR_THEAC Fu: 11987634	GLPD_ECOLI Fu: 444188 CI 2QCU	3CGV	2R4E	0.97	Sc=6.86228, min distance = 2.005330
GGR_THEAC Fu: 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	3CGV	1E39	0.93	Sc=6.85565, min distance = 2.343560
GGR_THEAC Fu: 444502 CI	FRDA_SHEFR Fu: 444188 CI 1M64	3CGV	1QJD	0.98	Sc=6.85729, min distance = 2.382060
GGR_THEAC Fu: 444502 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	3CGV	1BWC	0.98	Sc=6.86228, min distance = 2.524580
GGR_THEAC Fu: 444502 CI	TYTR_TRYCR Fu: 444188 CI 1BZL	3CGV	1GXF	0.98	Sc=6.86538, min distance = 2.258240
GGR_THEAC Fu: 446013 1,	O28603_ARCFU | 444188 CI 1JNR	3CGV	1JNZ	0.94	Sc=6.86361, min distance = 2.208460
GGR_THEAC Fu: 446013 1,	O28604_ARCFU | 444188 CI 1JNR	3CGV	1JNZ	0.94	Sc=6.86336, min distance = 2.212880
GGR_THEAC Fu: 448054 CI	FRDA_SHEFR Fu: 444188 CI 1M64	3CGV	1Y0P	0.97	Sc=6.85676, min distance = 2.407410
GGR_THEAC Fu: 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	3CGV	3GRT	0.98	Sc=6.86174, min distance = 2.417260

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GGR_THEAC	Fu: 6420174	O28603_ARCFU	1	444188	CI	1JNR	3CGV	2FJB	0.92	Sc=6.87563, min distance = 2.212047		
GGR_THEAC	Fu: 6420174	O28604_ARCFU	1	444188	CI	1JNR	3CGV	2FJB	0.92	Sc=6.87481, min distance = 2.179529		
GGTA1_BOVIN	1	8172	Trid	O96048_LUMTE	1	439353	be	2DS0		Sc=5.61831, min distance = 1.094867		
GGT_ECOLI	Fu: 449178	gl	GLMS_ECOLI	Fu: 33032	L-g	1XFF	2DG5	1XFG	0.81	Sc=5.84745, min distance = 1.934574		
GGT_ECOLI	Fu: 5310984	2	GRM3_RAT	Full:	33032	L-g	2E4U	2DG5		Sc=5.96577, min distance = 1.944097		
GGT_ECOLI	Fu: 5961	L-gl	SYQ_ECOLI	Ful:	33032	L-g	1OOC	2DG5	0.84	Sc=5.74847, min distance = 2.078784		
GH109_FLAME	1	123927	A3	DAPB_ECOLI	Fu: 5893	nadi	1DRU	2IXA	1DRV	0.97	Sc=6.79879, min distance = 2.052940	
GH109_FLAME	1	439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	2IXA	1DEH	0.79	Sc=6.79666, min distance = 1.815322	
GH109_FLAME	1	439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	2IXA	2JHF	0.79	Sc=6.79494, min distance = 1.992629	
GH109_FLAME	1	445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	2IXA	2FZE		Sc=6.64645, min distance = 2.102494	
GH109_FLAME	1	446050	CI	G3P_HUMAN	Ful:	5893	nadi	1U8F	2IXA	3GPD	0.95	Sc=6.80375, min distance = 1.544974
GH109_FLAME	1	446288	NA	G3P_PALVE	Ful:	5893	nadi	1DSS	2IXA	1IHX		Sc=6.79525, min distance = 2.273407
GH109_FLAME	1	5957	Ader	MAOM_HUMAN	Fu: 5893	nadi	1PJ3	2IXA	1GZ4		Sc=6.5543, min distance = 1.3542178	
GH109_FLAME	1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	2IXA	2BJA		Sc=6.27712, min distance = 2.067116
GH109_FLAME	1	6102710	A	Q4PRK9_PLAVI	1	5893	nadi	2A92	2IXA	2AA3	0.95	Sc=6.80368, min distance = 1.875349
GLB1_CHLMO	Fu: 11957363		HBB_HUMAN	Ful:	444124	HE	1NQP	1DLY	1RQA	0.81	Sc=6.7295, min distance = 2.0550710	
GLB1_CHLMO	Fu: 11957370		HMOX1_HUMAN	Fu: 444124	HE	1OZW	1DLY	1TWN			Sc=6.5774, min distance = 2.2452868	
GLB1_CHLMO	Fu: 11957385		MYG_PHYCA	Ful:	444124	HE	1U7R	1DLY	2CMM		Sc=6.25259, min distance = 2.265138	
GLB1_CHLMO	Fu: 444522	HE	HBA_PAGBE	Ful:	444124	HE	1S5X	1DLY	1PBX	0.99	Sc=6.73907, min distance = 2.131028	
GLB1_CHLMO	Fu: 444522	HE	MYG_PIG	Full:	444124	HE	1MYH	1DLY	1MNI	0.99	Sc=6.72536, min distance = 1.743407	
GLB1_CHLMO	Fu: 444522	HE	NOS3_BOVIN	Fu: 444124	HE	1ZZS	1DLY	2HX2		0.99	Sc=6.4335, min distance = 2.2788284	
GLB1_GLYDI	Fu: 11957353		HBA_HORSE	Ful:	444124	HE	1Y8I	1JF3	1IWH	0.87	Sc=6.59553, min distance = 2.800773	
GLB1_GLYDI	Fu: 11957353		HBB_HORSE	Ful:	444098	HE	2D5X	2HBG	1IWH	0.83	Sc=6.5878, min distance = 2.5741309	
GLB1_GLYDI	Fu: 11957353		HBB_HORSE	Ful:	444124	HE	1Y8I	1JF3	1IWH	0.87	Sc=6.61151, min distance = 2.424052	
GLB1_GLYDI	Fu: 11957353		HBB_HORSE	Ful:	444522	HE	1Y8K	1HBG	1IWH	0.87	Sc=6.60121, min distance = 2.176057	
GLB1_GLYDI	Fu: 11957363		HBB_HUMAN	Ful:	444098	HE	1J40	2HBG	1RQA	0.77	Sc=6.57834, min distance = 2.419076	
GLB1_GLYDI	Fu: 11957363		HBB_HUMAN	Ful:	444522	HE	2DN1	1HBG	1RQA	0.81	Sc=6.58727, min distance = 2.075660	
GLB1_GLYDI	Fu: 11957371		HMOX1_HUMAN	Fu: 444124	HE	1OZW	1JF3	1TWR			Sc=6.37141, min distance = 2.437426	
GLB1_GLYDI	Fu: 11957385		MYG_PHYCA	Ful:	444098	HE	1A6M	2HBG	2CMM		Sc=5.90982, min distance = 2.518002	
GLB1_GLYDI	Fu: 11957385		MYG_PHYCA	Ful:	444124	HE	1U7R	1JF3	2CMM		Sc=5.92573, min distance = 2.010320	
GLB1_GLYDI	Fu: 11957385		MYG_PHYCA	Ful:	444522	HE	1VXD	1HBG	2CMM		Sc=5.90727, min distance = 2.292669	
GLB1_GLYDI	Fu: 4369001	C	HBA_HUMAN	Ful:	444124	HE	1NQP	1JF3	4HHB	0.8	Sc=6.40976, min distance = 2.327792	
GLB1_LUCPE	Fu: 11957385		MYG_PHYCA	Ful:	444098	HE	1A6M	1FLP	2CMM		Sc=6.17186, min distance = 2.271204	
GLB1_LUCPE	Fu: 16741062		MYG_PHYCA	Ful:	444098	HE	1A6M	1FLP	1MBN	0.84	Sc=6.36828, min distance = 2.075759	
GLB1_SCAIN	Fu: 11957330		CCPR_YEAST	Fu: 444044	CI	1DSE	2R4X	1BEQ	0.84	Sc=6.56315, min distance = 2.358042		
GLB1_SCAIN	Fu: 11957353		HBA_HORSE	Ful:	444124	HE	1Y8I	1JZL	1IWH	0.87	Sc=6.60568, min distance = 1.974388	
GLB1_SCAIN	Fu: 11957363		HBA_HUMAN	Ful:	444124	HE	1NQP	1JZL	1RQA	0.81	Sc=6.59134, min distance = 2.129127	

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GLB1_SCAIN	Ft	11957363	HBB_HUMAN	Ful	444098	HE	1J40	2Z8A	1RQA	0.77	Sc=6.65939, min distance = 2.028735
GLB1_SCAIN	Ft	11957363	HBB_HUMAN	Ful	444124	HE	1NQP	1JZL	1RQA	0.81	Sc=6.59851, min distance = 2.079041
GLB1_SCAIN	Ft	11957364	HMOX1_HUMAN	Ft	444124	HE	1OZW	1JZL	1S13	0.86	Sc=6.5361, min distance = 1.8718979
GLB1_SCAIN	Ft	11957370	HMOX1_HUMAN	Ft	444124	HE	1OZW	1JZL	1TWN		Sc=6.46696, min distance = 2.273315
GLB1_SCAIN	Ft	11957371	HMOX1_HUMAN	Ft	444124	HE	1OZW	1JZL	1TWR		Sc=6.46734, min distance = 2.292940
GLB1_SCAIN	Ft	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2Z8A	2CMM	26.72	Sc=6.08572, min distance = 2.077595
GLB1_SCAIN	Ft	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1JZL	2CMM	26.72	Sc=6.06752, min distance = 2.236431
GLB1_SCAIN	Ft	11970242	CCPR_YEAST	Fu	444044	CI	1DSE	2R4X	1CPE	0.87	Sc=6.57035, min distance = 2.115575
GLB1_SCAIN	Ft	126994	CCPR_YEAST	Fu	444044	CI	1DSE	2R4X	1Z53	0.8	Sc=6.62866, min distance = 2.194538
GLB1_SCAIN	Ft	16741061	MYG_PHYCA	Ful	444098	HE	1A6M	2Z8A	1MBC	26.72	0.83 Sc=6.67764, min distance = 2.113431
GLB1_SCAIN	Ft	16741062	MYG_PHYCA	Ful	444124	HE	1U7R	1JZL	1MBN	26.72	0.87 Sc=6.65348, min distance = 2.169962
GLB1_SCAIN	Ft	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2Z8A	1BOB	0.96	Sc=6.68254, min distance = 2.079615
GLB1_SCAIN	Ft	444097	HBA_HUMAN	Ful	444124	HE	1NQP	1JZL	1RPS	0.95	Sc=6.60224, min distance = 2.396518
GLB1_SCAIN	Ft	444522	BFR_ECOLI	Ful	444124	HE	1BFR	1JZL	1BCF	0.99	Sc=6.66648, min distance = 1.695614
GLB1_SCAIN	Ft	444522	MYG_PIG	Full=	444124	HE	1MYH	1JZL	1MNI	0.99	Sc=6.66531, min distance = 2.051647
GLB1_SCAIN	Ft	446348	HBA_HUMAN	Ful	444124	HE	1NQP	1JZL	1IRD	0.9	Sc=6.5961, min distance = 2.093869
GLB2A_SCAIN	I	11957353	HBA_HORSE	Ful	444124	HE	1Y8I	1SCT	1IWH	0.87	Sc=6.60677, min distance = 2.154471
GLB2A_SCAIN	I	11957370	HMOX1_HUMAN	Ft	444124	HE	1OZW	1SCT	1TWN		Sc=6.47098, min distance = 2.294601
GLB2A_SCAIN	I	11957371	HMOX1_HUMAN	Ft	444124	HE	1OZW	1SCT	1TWR		Sc=6.46995, min distance = 2.511090
GLB2A_SCAIN	I	11957373	CATE_ECOLI	Fu	444124	HE	1IPH	1SCT	1P81	0.79	Sc=6.58061, min distance = 2.177050
GLB2A_SCAIN	I	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1SCT	2CMM		Sc=6.07102, min distance = 2.383034
GLB2A_SCAIN	I	16741062	MYG_PHYCA	Ful	444124	HE	1U7R	1SCT	1MBN	0.87	Sc=6.65779, min distance = 2.260955
GLB2A_SCAIN	I	444522	CP2C9_HUMAN	Ft	444124	HE	1OG2	1SCT	1R9O	0.99	Sc=6.63618, min distance = 2.003415
GLB2A_SCAIN	I	444522	GLB1_GLYDI	Fu	444124	HE	1JF3	1SCT	1HBG	0.99	Sc=6.62212, min distance = 2.645385
GLB2A_SCAIN	I	444522	HBA_PAGBE	Ful	444124	HE	1S5X	1SCT	1PBX	0.99	Sc=6.60172, min distance = 2.253816
GLB2A_SCAIN	I	444522	MYG_PIG	Full=	444124	HE	1MYH	1SCT	1MNI	0.99	Sc=6.67592, min distance = 2.224375
GLB2B_SCAIN	I	11957353	HBA_HORSE	Ful	444124	HE	1Y8I	1SCT	1IWH	0.87	Sc=6.6039, min distance = 2.1854914
GLB2B_SCAIN	I	11957370	HMOX1_HUMAN	Ft	444124	HE	1OZW	1SCT	1TWN		Sc=6.46492, min distance = 2.381915
GLB2B_SCAIN	I	11957371	HMOX1_HUMAN	Ft	444124	HE	1OZW	1SCT	1TWR		Sc=6.4608, min distance = 2.3197874
GLB2B_SCAIN	I	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1SCT	2CMM		Sc=6.0605, min distance = 2.3438107
GLB2B_SCAIN	I	16214774	CP51_MYCTU	Fu	444124	HE	2CIB	1SCT	2CI0	0.95	Sc=6.35745, min distance = 2.304667
GLB2B_SCAIN	I	16741062	MYG_PHYCA	Ful	444124	HE	1U7R	1SCT	1MBN	0.87	Sc=6.64871, min distance = 2.255497
GLB2B_SCAIN	I	444207	COX1_THET8	Fu	444124	HE	1EHK	1SCT	2QPE	0.99	Sc=6.58829, min distance = 2.211091
GLB2B_SCAIN	I	444522	GLB1_GLYDI	Fu	444124	HE	1JF3	1SCT	1HBG	0.99	Sc=6.63331, min distance = 2.511572
GLB2B_SCAIN	I	444522	HBA_PAGBE	Ful	444124	HE	1S5X	1SCT	1PBX	0.99	Sc=6.59022, min distance = 2.301135
GLB2B_SCAIN	I	444522	MYG_PIG	Full=	444124	HE	1MYH	1SCT	1MNI	0.99	Sc=6.66271, min distance = 2.236774
GLB2_LUCPE	Ft	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2OLP	2CMM		Sc=6.20282, min distance = 2.200324

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GLB2_LUMTE	F1	11957363	HBB_HUMAN	Ful	444522	HE	2DN1	1X9F	1RQA	0.81	Sc=6.62445, min distance = 2.336910
GLB2_LUMTE	F1	11957365	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1S73	0.83	Sc=6.7088, min distance = 2.5873320
GLB2_LUMTE	F1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1X9F	2CMM		Sc=6.06387, min distance = 2.203820
GLB2_LUMTE	F1	11970221	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1BES	0.87	Sc=6.64631, min distance = 2.524090
GLB2_LUMTE	F1	126994	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1Z53	0.81	Sc=6.59264, min distance = 2.546010
GLB2_LUMTE	F1	16741183	MYG_PHYCA	Ful	444522	HE	1VXD	1X9F	2EKT	0.93	Sc=6.3982, min distance = 2.1751180
GLB2_LUMTE	F1	4369228	PER_COPCI	Ful	444522	HE	1H3J	1X9F	1LYC	0.96	Sc=6.65504, min distance = 2.424180
GLB2_LUMTE	F1	444097	MYG_PHYCA	Ful	444522	HE	1VXD	1X9F	2EVK	0.96	Sc=6.62757, min distance = 2.030350
GLB2_LUMTE	F1	447168	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1ML2	0.86	Sc=6.7023, min distance = 2.5039240
GLB3_CHITH	F1	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1ECA	2CMM		Sc=5.92329, min distance = 2.510560
GLB3_CHITH	F1	16741183	CPXA_PSEPU	Ful	444098	HE	1YRC	1ECA	2ZAW	0.97	Sc=6.47493, min distance = 2.579520
GLB4_GLYDI	F1	11957353	HBB_HORSE	Ful	444124	HE	1Y8I	1JF4	1IWH	0.87	Sc=6.60932, min distance = 2.011540
GLB4_GLYDI	F1	11957364	HMOX1_HUMAN	F1	444124	HE	1OZW	1JF4	1S13	0.86	Sc=6.4265, min distance = 2.0506790
GLB4_GLYDI	F1	11957370	HMOX1_HUMAN	F1	444124	HE	1OZW	1JF4	1TWN		Sc=6.36043, min distance = 1.678830
GLB4_GLYDI	F1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	1JF4	1TWR		Sc=6.36935, min distance = 2.430400
GLB4_GLYDI	F1	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1JF4	2CMM		Sc=5.92573, min distance = 2.061250
GLB4_GLYDI	F1	4369001	HBA_HUMAN	Ful	444124	HE	1NQP	1JF4	4HHB	0.8	Sc=6.41392, min distance = 2.163360
GLB4_GLYDI	F1	444522	BFR_ECOLI	Ful	444124	HE	1BFR	1JF4	1BCF	0.99	Sc=6.59264, min distance = 2.511410
GLB4_LUMTE	F1	11957360	CYB_BOVIN	Ful	444522	HE	1BGY	1X9F	1NTM	0.78	Sc=6.63676, min distance = 1.615400
GLB4_LUMTE	F1	11957361	CYB_BOVIN	Ful	444522	HE	1BGY	1X9F	1NTZ	0.84	Sc=6.6416, min distance = 1.9045140
GLB4_LUMTE	F1	11957363	HBA_HUMAN	Ful	444522	HE	2DN1	1X9F	1RQA	0.81	Sc=6.58549, min distance = 2.133630
GLB4_LUMTE	F1	11957363	HBB_HUMAN	Ful	444522	HE	2DN1	1X9F	1RQA	0.81	Sc=6.60282, min distance = 2.149800
GLB4_LUMTE	F1	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1X9F	2CMM		Sc=5.91556, min distance = 2.028110
GLB4_LUMTE	F1	11970219	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1BEM	0.87	Sc=6.57437, min distance = 2.448370
GLB4_LUMTE	F1	11970221	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1BES	0.87	Sc=6.62672, min distance = 2.427200
GLB4_LUMTE	F1	11970242	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1CPE	0.87	Sc=6.57496, min distance = 2.278750
GLB4_LUMTE	F1	126994	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1Z53	0.81	Sc=6.5777, min distance = 2.2887780
GLB4_LUMTE	F1	16741183	MYG_PHYCA	Ful	444522	HE	1VXD	1X9F	2EKT	0.93	Sc=6.37326, min distance = 2.003600
GLB4_LUMTE	F1	447168	CCPR_YEAST	Ful	444522	HE	3E2O	1X9F	1ML2	0.86	Sc=6.63503, min distance = 2.150680
GLBA1_OLIMA	I	11957330	CCPR_YEAST	Ful	444098	HE	2EUT	2ZS0	1BEQ	0.81	Sc=6.64277, min distance = 2.339530
GLBA1_OLIMA	I	11957355	CY1_BOVIN	Ful	444098	HE	1L0N	2ZS0	1L0L	0.77	Sc=6.59485, min distance = 2.043590
GLBA1_OLIMA	I	11957361	CY1_BOVIN	Ful	444098	HE	1L0N	2ZS0	1NTZ	0.8	Sc=6.58727, min distance = 2.184240
GLBA1_OLIMA	I	11957363	HBB_HUMAN	Ful	444098	HE	1J40	2ZS0	1RQA	0.77	Sc=6.60719, min distance = 1.971320
GLBA1_OLIMA	I	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2ZS0	2CMM		Sc=6.05614, min distance = 2.065990
GLBA1_OLIMA	I	11970219	CCPR_YEAST	Ful	444098	HE	2EUT	2ZS0	1BEM	0.83	Sc=6.58061, min distance = 2.319720
GLBA1_OLIMA	I	11970221	CCPR_YEAST	Ful	444098	HE	2EUT	2ZS0	1BES	0.83	Sc=6.63503, min distance = 2.394350
GLBA1_OLIMA	I	11970242	CCPR_YEAST	Ful	444098	HE	2EUT	2ZS0	1CPE	0.83	Sc=6.58006, min distance = 2.236960

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GLBA1_OLIMA	1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1Z53	0.77	Sc=6.57834, min distance = 2.26603
GLBA1_OLIMA	1	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2ZS0	1B0B	0.96	Sc=6.61486, min distance = 2.06024
GLBA1_OLIMA	1	447168	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1ML2	0.82	Sc=6.64046, min distance = 2.34004
GLBA2_OLIMA	1	11957330	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1BEQ	0.81	Sc=6.64982, min distance = 2.35728
GLBA2_OLIMA	1	11957363	HBB_HUMAN	Fu	444098	HE	1J40	2ZS0	1RQA	0.77	Sc=6.67654, min distance = 1.95043
GLBA2_OLIMA	1	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	2ZS0	2CMM		Sc=6.20064, min distance = 2.05755
GLBA2_OLIMA	1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1BEM	0.83	Sc=6.65348, min distance = 2.33734
GLBA2_OLIMA	1	11970221	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1BES	0.83	Sc=6.65107, min distance = 2.41740
GLBA2_OLIMA	1	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1CPE	0.83	Sc=6.65233, min distance = 2.24922
GLBA2_OLIMA	1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1Z53	0.77	Sc=6.60007, min distance = 2.72091
GLBA2_OLIMA	1	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2ZS0	1B0B	0.96	Sc=6.73133, min distance = 2.07765
GLBA2_OLIMA	1	447168	CCPR_YEAST	Fu	444098	HE	2EUT	2ZS0	1ML2	0.82	Sc=6.70783, min distance = 2.35567
GLBB1_OLIMA	1	11957363	HBB_HUMAN	Fu	444098	HE	1J40	2ZS0	1RQA	0.77	Sc=6.66429, min distance = 1.92169
GLBB1_OLIMA	1	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2ZS0	1B0B	0.96	Sc=6.59851, min distance = 2.07089
GLBB2_OLIMA	1	11957360	CY1_BOVIN	Fu	444098	HE	1L0N	2ZS0	1NTM		Sc=6.62811, min distance = 2.03157
GLBB2_OLIMA	1	11957363	HBB_HUMAN	Fu	444098	HE	1J40	2ZS0	1RQA	0.77	Sc=6.63561, min distance = 1.94516
GLBB2_OLIMA	1	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	2ZS0	2CMM		Sc=6.09192, min distance = 2.07251
GLBB2_OLIMA	1	16741061	MYG_PHYCA	Fu	444098	HE	1A6M	2ZS0	1MBC	0.83	Sc=6.69247, min distance = 2.10762
GLBB2_OLIMA	1	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2ZS0	1B0B	0.96	Sc=6.63656, min distance = 2.06307
GLBC_CAUAR	F	11957353	HBB_HORSE	Fu	444124	HE	1Y8I	1HLB	1IWH	0.87	Sc=6.69994, min distance = 1.75770
GLBC_CAUAR	F	444207	CP119_SULTO	Fu	444124	HE	3B4X	1HLB	1UE8	0.99	Sc=6.69716, min distance = 1.44069
GLBD_CAUAR	F	11957353	HBA_HORSE	Fu	444124	HE	1Y8I	1HLM	1IWH	0.87	Sc=6.55553, min distance = 2.12197
GLBD_CAUAR	F	11957363	HBA_HUMAN	Fu	444124	HE	1NQP	1HLM	1RQA	0.81	Sc=6.53331, min distance = 2.30862
GLBD_CAUAR	F	11957363	HBB_HUMAN	Fu	444124	HE	1NQP	1HLM	1RQA	0.81	Sc=6.53725, min distance = 1.69794
GLBD_CAUAR	F	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	1HLM	1S13	0.86	Sc=6.37566, min distance = 2.16446
GLBD_CAUAR	F	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	1HLM	1TWN		Sc=6.30272, min distance = 2.49002
GLBD_CAUAR	F	11957373	CATE_ECOLI	Fu	444124	HE	1IPH	1HLM	1P81	0.79	Sc=6.53648, min distance = 2.01596
GLBD_CAUAR	F	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	1HLM	2CMM		Sc=5.83442, min distance = 2.37377
GLBD_CAUAR	F	16214774	CP51_MYCTU	Fu	444124	HE	2CIB	1HLM	2CI0	0.95	Sc=6.31743, min distance = 2.01892
GLBD_CAUAR	F	444207	HBB_HORSE	Fu	444124	HE	1Y8I	1HLM	2ZLW	0.99	Sc=6.5575, min distance = 1.75977
GLBD_CAUAR	F	444522	HBB_PAGBE	Fu	444124	HE	1S5X	1HLM	1PBX	0.99	Sc=6.56581, min distance = 1.99540
GLBF1_EPTBU	1	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	1IT2	2CMM		Sc=6.09395, min distance = 2.68056
GLBF1_EPTBU	1	16741061	MYG_PHYCA	Fu	444124	HE	1U7R	1IT2	1MBC	0.87	Sc=6.67401, min distance = 2.21235
GLBF1_EPTBU	1	444522	MYG_PIG	Full	444124	HE	1MYH	1IT2	1MNI	0.99	Sc=6.67592, min distance = 2.05290
GLBN_CERLA	F	11957363	HBB_HUMAN	Fu	444098	HE	1J40	1KR7	1RQA	0.77	Sc=6.70172, min distance = 1.99604
GLBN_CERLA	F	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	1KR7	2CMM		Sc=6.18438, min distance = 2.09709
GLBN_MYCTU	F	11957330	CCPR_YEAST	Fu	444098	HE	2EUT	2GKM	1BEQ	0.81	Sc=6.71541, min distance = 2.38614

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GLBN_MYCTU	Fa	11957353	HBB_HORSE	Ful	444098	HE	2D5X	2GKM	1IWH	0.83	Sc=6.72985, min distance = 2.007005
GLBN_MYCTU	Fa	11957360	CY1_BOVIN	Ful	444098	HE	1L0N	2GKM	1NTM		Sc=6.67401, min distance = 1.851602
GLBN_MYCTU	Fa	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2GKM	2CMM		Sc=6.26518, min distance = 2.038795
GLBN_MYCTU	Fa	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	2GKM	1BEM	0.83	Sc=6.717, min distance = 2.36431216
GLBN_MYCTU	Fa	11970221	CCPR_YEAST	Fu	444098	HE	2EUT	2GKM	1BES	0.83	Sc=6.61653, min distance = 2.452664
GLBN_MYCTU	Fa	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	2GKM	1CPE	0.83	Sc=6.71541, min distance = 2.273615
GLBN_MYCTU	Fa	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2GKM	1Z53	0.77	Sc=6.71216, min distance = 2.886072
GLBN_MYCTU	Fa	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2GKM	1B0B	0.96	Sc=6.73025, min distance = 2.027362
GLBN_SYNY3	Fa	16741061	MYG_PHYCA	Ful	444098	HE	1A6M	1S69	1MBC	0.83	Sc=6.76011, min distance = 1.999436
GLBO_MYCTU	Fa	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2QRW	2CMM		Sc=6.05493, min distance = 2.220572
GLBO_MYCTU	Fa	15342951	ALBU_HUMAN	Fu	444098	HE	1N5U	2QRW	3B9L		Sc=6.2103, min distance = 1.8653582
GLBO_MYCTU	Fa	16741061	MYG_PHYCA	Ful	444098	HE	1A6M	2QRW	1MBC	0.83	Sc=6.69537, min distance = 2.060086
GLBO_MYCTU	Fa	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2QRW	1B0B	0.96	Sc=6.692, min distance = 2.06193622
GLB_APLLI	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1MBA	2CMM		Sc=5.93151, min distance = 2.501295
GLB_APLLI	Fu	11957385	MYG_PHYCA	Ful	444207	He	1VXG	3MBA	2CMM		Sc=6.2472, min distance = 2.0406320
GLB_APLLI	Fu	16741183	MYG_PHYCA	Ful	444207	He	1VXG	3MBA	2EKT	0.93	Sc=6.60821, min distance = 2.095498
GLB_ASCSU	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1ASH	2CMM		Sc=6.16957, min distance = 2.332682
GLB_LAMFL	Fu	11957330	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1BEQ	0.81	Sc=6.68447, min distance = 2.619446
GLB_LAMFL	Fu	11957360	CY1_BOVIN	Ful	444098	HE	1L0N	1UC3	1NTM		Sc=6.68732, min distance = 2.214864
GLB_LAMFL	Fu	11957365	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1S73	0.8	Sc=6.74273, min distance = 2.376046
GLB_LAMFL	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1UC3	2CMM		Sc=5.97514, min distance = 2.358275
GLB_LAMFL	Fu	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1BEM	0.83	Sc=6.68308, min distance = 2.544395
GLB_LAMFL	Fu	11970220	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1BEP	0.8	Sc=6.71952, min distance = 2.630925
GLB_LAMFL	Fu	11970221	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1BES	0.83	Sc=6.68395, min distance = 2.603030
GLB_LAMFL	Fu	11970222	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1BJ9	0.77	Sc=6.77628, min distance = 2.551802
GLB_LAMFL	Fu	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1CPE	0.83	Sc=6.68732, min distance = 2.483740
GLB_LAMFL	Fu	126994	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1Z53	0.77	Sc=6.68775, min distance = 2.777057
GLB_LAMFL	Fu	16741061	MYG_PHYCA	Ful	444098	HE	1A6M	1UC3	1MBC	0.83	Sc=6.6966, min distance = 2.0876062
GLB_LAMFL	Fu	24883662	MYG_HORSE	Ful	444098	HE	2FRF	1UC3	1YMC	0.82	Sc=6.69862, min distance = 1.999295
GLB_LAMFL	Fu	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	1UC3	1B0B	0.96	Sc=6.70339, min distance = 2.298488
GLB_LAMFL	Fu	4369136	GLB_APLLI	Ful	444098	HE	1MBA	1UC3	1DM1	0.93	Sc=6.6715, min distance = 2.1293415
GLB_LAMFL	Fu	447168	CCPR_YEAST	Fu	444098	HE	2EUT	1UC3	1ML2	0.82	Sc=6.74224, min distance = 2.698275
GLB_PARCA	Fu	11957353	HBA_HORSE	Ful	444124	HE	1Y8I	1UVY	1IWH	0.87	Sc=6.70573, min distance = 2.690912
GLB_PARCA	Fu	11957364	HMOX1_HUMAN	Fa	444124	HE	1OZW	1UVY	1S13	0.86	Sc=6.6507, min distance = 1.5903032
GLB_PARCA	Fu	11957370	HMOX1_HUMAN	Fa	444124	HE	1OZW	1UVY	1TWN		Sc=6.59822, min distance = 1.582815
GLB_PARCA	Fu	11957371	HMOX1_HUMAN	Fa	444124	HE	1OZW	1UVY	1TWR		Sc=6.54896, min distance = 2.120515
GLB_PARCA	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1DLW	2CMM		Sc=6.25508, min distance = 2.420937

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GLB_PARCA Fu: 11957385	MYG_PHYCA Fu: 444124 HE 1U7R	1UVY	2CMM		Sc=6.27112, min distance = 2.293002
GLB_PARCA Fu: 4369001 C	HBA_HUMAN Fu: 444124 HE 1NQP	1UVY	4HHB	0.8	Sc=6.64454, min distance = 2.620278
GLB_PAREP Fu: 11957353	HBB_HORSE Fu: 444098 HE 2D5X	1H97	1IWH	0.83	Sc=6.617, min distance = 2.03229968
GLB_PAREP Fu: 11957385	MYG_PHYCA Fu: 444098 HE 1A6M	1H97	2CMM		Sc=6.05263, min distance = 2.267840
GLCM_HUMAN Fu: 11957431	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J7D		Sc=6.24356, min distance = 2.226620
GLCM_HUMAN Fu: 11957432	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J7E		Sc=6.27368, min distance = 2.063160
GLCM_HUMAN Fu: 11957433	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J7F		Sc=6.22953, min distance = 1.644595
GLCM_HUMAN Fu: 11957434	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J7G		Sc=6.30972, min distance = 1.877298
GLCM_HUMAN Fu: 11957435	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J7H		Sc=5.72054, min distance = 2.559355
GLCM_HUMAN Fu: 124434 Ca	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2CBV		Sc=5.9018, min distance = 2.6400810
GLCM_HUMAN Fu: 447413 NT	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J7B		Sc=6.00663, min distance = 1.952595
GLCM_HUMAN Fu: 447651 CI	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J77		Sc=5.84504, min distance = 2.521107
GLCM_HUMAN Fu: 448963 2J	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	2J79		Sc=6.0025, min distance = 1.8906617
GLCM_HUMAN Fu: 449101 nd	BGLA_THEMA Fu: 447607 1c 1OIF	2NSX	1W3J	0.76	Sc=5.65485, min distance = 2.550367
GLDA_BACST Fu: 4369261 C	ARO1_EMENI Fu: 5893 nadi 1SG6	1JQ5	1NRX	0.86	Sc=6.40081, min distance = 2.226641
GLF1_KLEPN Fu: 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	2BI7	1E39	0.93	Sc=6.16443, min distance = 2.146538
GLF1_KLEPN Fu: 444502 CI	FRDA_SHEFR Fu: 444188 CI 1M64	2BI7	1QJD	0.98	Sc=6.88931, min distance = 2.119415
GLF1_KLEPN Fu: 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	2BI7	3GRT	0.98	Sc=6.4433, min distance = 2.0376184
GLF_ECOLI Fu: 11987634	GLPD_ECOLI Fu: 444188 CI 2QCU	1I8T	2R4E	0.97	Sc=6.87563, min distance = 2.067184
GLF_ECOLI Fu: 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1I8T	1E39	0.93	Sc=6.88106, min distance = 1.849364
GLF_ECOLI Fu: 444502 CI	FRDA_SHEFR Fu: 444188 CI 1M64	1I8T	1QJD	0.98	Sc=6.88135, min distance = 1.855046
GLF_ECOLI Fu: 446013 1,	O28603_ARCFU 1 444188 CI 1JNR	1I8T	1JNZ	0.94	Sc=6.88165, min distance = 2.096050
GLF_ECOLI Fu: 446013 1,	O28604_ARCFU 1 444188 CI 1JNR	1I8T	1JNZ	0.94	Sc=6.88241, min distance = 2.156874
GLF_ECOLI Fu: 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1I8T	3GRT	0.98	Sc=6.88106, min distance = 2.213884
GLF_ECOLI Fu: 6420174 C	O28603_ARCFU 1 444188 CI 1JNR	1I8T	2FJB	0.92	Sc=6.88631, min distance = 1.745766
GLF_ECOLI Fu: 6420174 C	O28604_ARCFU 1 444188 CI 1JNR	1I8T	2FJB	0.92	Sc=6.88583, min distance = 2.107518
GLGA1_AGRTU 1 36735 Gpp	PARM_ECOLX Fu: 6022 Aden 1MWM	1RZU	2ZGZ	0.79	Sc=6.00979, min distance = 2.027060
GLGA1_AGRTU 1 4369136 C	CDK2_HUMAN Fu: 6022 Aden 1GY3	1RZU	1DM2		Sc=6.29175, min distance = 2.043712
GLGA1_AGRTU 1 444564 AD	BIOD_ECOLI Fu: 6022 Aden 1DAD	1RZU	1BS1	0.91	Sc=5.88226, min distance = 2.716022
GLGA1_AGRTU 1 445940 O6	CDK2_HUMAN Fu: 6022 Aden 1GY3	1RZU	1GZ8		Sc=6.1844, min distance = 2.2824083
GLGA1_AGRTU 1 445966 O6	CDK2_HUMAN Fu: 6022 Aden 1GY3	1RZU	1H0V		Sc=6.30512, min distance = 0.866963
GLGA1_AGRTU 1 447955 1g	CDK2_HUMAN Fu: 6022 Aden 1GY3	1RZU	1PXI		Sc=5.77546, min distance = 2.401890
GLGA1_AGRTU 1 5288641 i	CDK2_HUMAN Fu: 6022 Aden 1GY3	1RZU	1E9H		Sc=6.30541, min distance = 1.617335
GLGA1_AGRTU 1 5327148 C	IPKA_RABIT Fu: 6022 Aden 1JBP	1RZU	2ERZ		Sc=6.16716, min distance = 1.989745
GLGA1_AGRTU 1 5957 Ader	ARSA1_ECOLX Fu: 6022 Aden 1IHU	1RZU	1II0	0.99	Sc=6.40964, min distance = 2.368207
GLGA1_AGRTU 1 5957 Ader	BIOD_ECOLI Fu: 6022 Aden 1DAD	1RZU	1A82	0.99	Sc=6.3782, min distance = 2.7359475
GLGA1_AGRTU 1 5957 Ader	MUTS_ECOLI Fu: 6022 Aden 1OH7	1RZU	1W7A	0.99	Sc=6.00225, min distance = 1.794557

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GLGA1_AGRTU	1	5957	Ader	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1RZU	2C8V	0.99	Sc=6.39499, min distance = 2.699750
GLGA1_AGRTU	1	5957	Ader	Q72H90_THET2	1	6022	Aden	2BEJ	1RZU	2BEK	0.99	Sc=6.3978, min distance = 2.8807585
GLGA1_AGRTU	1	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	1RZU	2J9C	0.99	Sc=5.96896, min distance = 1.832151
GLGA1_AGRTU	1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1RZU	2ZIA		Sc=6.27083, min distance = 2.249997
GLGA1_AGRTU	1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1RZU	2R7M	0.99	Sc=5.83918, min distance = 2.450849
GLGA1_AGRTU	1	6132	Cyti	RIR1_YEAST	Fu	6022	Aden	2CVX	1RZU	2CVU		Sc=5.77898, min distance = 2.706297
GLGA1_AGRTU	1	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RZU	2UUE		Sc=6.33524, min distance = 2.004548
GLGA1_AGRTU	1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1RZU	2DXF	0.8	Sc=5.86312, min distance = 2.218371
GLGA1_AGRTU	1	8977	1dar	O33839_THEMEA	1	6022	Aden	1XJK	1RZU	1XJE	0.8	Sc=5.95498, min distance = 1.963291
GLGA1_AGRTU	1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1RZU	2ZGY	0.8	Sc=6.40901, min distance = 2.662376
GLGA1_AGRTU	1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1RZU	1DAG	0.99	Sc=5.96777, min distance = 2.729796
GLGA1_AGRTU	1	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	1RZU	2PUL	0.99	Sc=6.0178, min distance = 1.7863809
GLGA_ECOLI	F1	124823	6c	PYGM_RABIT	Fu	79025	alp	1H5U	2QZS	6GPB	0.78	Sc=6.07943, min distance = 2.236051
GLGA_ECOLI	F1	24864076		PYGM_RABIT	Fu	79025	alp	1H5U	2QZS	2QRH		Sc=6.34941, min distance = 2.213599
GLGA_ECOLI	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2QZS	2ZGZ	0.79	Sc=6.50408, min distance = 2.302282
GLGA_ECOLI	F1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QZS	1DM2		Sc=6.27881, min distance = 2.221266
GLGA_ECOLI	F1	440317	AT	PURT_ECOLI	Fu	6022	Aden	1KJQ	2QZS	1KJJ	0.99	Sc=6.48621, min distance = 2.430261
GLGA_ECOLI	F1	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	2QZS	1W9I	0.91	Sc=6.43746, min distance = 2.266449
GLGA_ECOLI	F1	445825	CI	PYGM_RABIT	Fu	79025	alp	1H5U	2QZS	1GG8		Sc=6.0057, min distance = 2.4321731
GLGA_ECOLI	F1	445916	be	XYLA_STRRU	Fu	79025	alp	1XIF	2QZS	1GW9	0.93	Sc=5.637, min distance = 2.52325127
GLGA_ECOLI	F1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2QZS	1HIY	0.97	Sc=6.44051, min distance = 2.064436
GLGA_ECOLI	F1	449515	CI	PYGM_RABIT	Fu	79025	alp	1H5U	2QZS	4GPB	0.83	Sc=5.96952, min distance = 2.514060
GLGA_ECOLI	F1	449554	CI	PYGM_RABIT	Fu	79025	alp	1H5U	2QZS	5GPB		Sc=6.08378, min distance = 2.204664
GLGA_ECOLI	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2QZS	2ERZ		Sc=6.22823, min distance = 2.335949
GLGA_ECOLI	F1	5957	Ader	AROK_MYCTU	Fu	6022	Aden	2IYV	2QZS	2IYW	0.99	Sc=6.03226, min distance = 2.174406
GLGA_ECOLI	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2QZS	1A82	0.99	Sc=6.03345, min distance = 2.221141
GLGA_ECOLI	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2QZS	3D2F	0.99	Sc=6.48439, min distance = 1.882284
GLGA_ECOLI	F1	5957	Ader	KTHY_HUMAN	Fu	6022	Aden	1NN3	2QZS	1E2Q	0.99	Sc=6.02623, min distance = 2.262372
GLGA_ECOLI	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2QZS	1W7A	0.99	Sc=6.50958, min distance = 1.826779
GLGA_ECOLI	F1	6027	xylc	XYLA_STRRU	Fu	79025	alp	1XIF	2QZS	3XIS	0.93	Sc=5.62032, min distance = 2.283158
GLGA_ECOLI	F1	6083	ader	NDK_PYRHO	Fu	6022	Aden	2DYA	2QZS	2DXD	0.99	Sc=5.90214, min distance = 1.202417
GLGA_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2QZS	2VII	0.99	Sc=6.36755, min distance = 2.104194
GLGA_ECOLI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2QZS	2R7M	0.99	Sc=6.3787, min distance = 2.4120534
GLGA_ECOLI	F1	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2QZS	1D0X		Sc=6.2608, min distance = 2.0471370
GLGA_ECOLI	F1	64960	Pol	XYLA_STRRU	Fu	79025	alp	1XIF	2QZS	1XIE	0.89	Sc=5.78164, min distance = 2.498988
GLGA_ECOLI	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2QZS	2DXF	0.8	Sc=6.41073, min distance = 2.128396
GLGA_ECOLI	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2QZS	2ZGY	0.8	Sc=6.46037, min distance = 2.331299

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GLGA_ECOLI	F1	91532	AME	AROK_MYCTU	Fu:	6022	Aden	2IYV	2QZS	1ZYU	0.99	Sc=6.51596, min distance = 2.057566
GLGA_ECOLI	F1	91532	AME	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2QZS	1DAG	0.99	Sc=6.51068, min distance = 2.066554
GLGA_ECOLI	F1	91532	AME	KIF1A_MOUSE	F1	6022	Aden	1I5S	2QZS	1I6I	0.99	Sc=6.07451, min distance = 2.055234
GLGA_ECOLI	F1	91532	AME	PURP_METJA	Fu:	6022	Aden	2R7N	2QZS	2R7K	0.99	Sc=6.52283, min distance = 2.465928
GLGA_ECOLI	F1	95259	L-x	XYLA_STRRU	Fu:	79025	alp	1XIF	2QZS	1XIC		Sc=5.73431, min distance = 2.433304
GLGS_SOLTU	F1	24832037		PGK1_HUMAN	Fu:	6022	Aden	2ZGV	1YP4	3C3C		Sc=5.62259, min distance = 2.480240
GLGS_SOLTU	F1	36735	Gpp	PARM_ECOLX	Fu:	6022	Aden	1MWM	1YP4	2ZGZ	0.79	Sc=6.45369, min distance = 2.169189
GLGS_SOLTU	F1	447955	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1YP4	1PXI		Sc=5.76154, min distance = 1.858064
GLGS_SOLTU	F1	6031	Urid	O33839_THEMEA	1	6022	Aden	1XJK	1YP4	1XJG		Sc=5.67478, min distance = 2.127384
GLGS_SOLTU	F1	8977	1dar	PARM_ECOLX	Fu:	6022	Aden	1MWM	1YP4	2ZGY	0.8	Sc=6.40094, min distance = 2.287444
GLGS_SOLTU	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1YP4	3BHV		Sc=6.42521, min distance = 1.321564
GLKA_PYRFU	F1	439692	D-	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	4XIS		Sc=5.61389, min distance = 2.267119
GLKA_PYRFU	F1	445825	CI	PYGM_RABIT	Fu:	79025	alp	1H5U	1UA4	1GG8		Sc=5.98916, min distance = 2.207354
GLKA_PYRFU	F1	445916	be	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	1GW9	0.93	Sc=5.61175, min distance = 2.601656
GLKA_PYRFU	F1	449180	XI	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	4XIS		Sc=5.72655, min distance = 2.117626
GLKA_PYRFU	F1	449225	3-	XYLA_STROL	Fu:	79025	alp	1S5M	1UA4	1XYC		Sc=5.96277, min distance = 2.134036
GLKA_PYRFU	F1	449343	2c	XYLA_STROL	Fu:	79025	alp	1S5M	1UA4	2GYI		Sc=5.72109, min distance = 2.167931
GLKA_PYRFU	F1	5289590	1	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	1XII		Sc=5.73431, min distance = 2.125516
GLKA_PYRFU	F1	6027	xylc	Q9ZB17_9LACT	1	79025	alp	1NSZ	1UA4	1MN0	0.93	Sc=5.61175, min distance = 2.221418
GLKA_PYRFU	F1	6027	xylc	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	3XIS	0.93	Sc=5.60036, min distance = 2.419744
GLKA_PYRFU	F1	64960	Pol	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	1XIE	0.89	Sc=5.73786, min distance = 2.415286
GLKA_PYRFU	F1	7048614	Z	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	1XID		Sc=5.85216, min distance = 2.681061
GLKA_PYRFU	F1	95259	L-x	XYLA_STRRU	Fu:	79025	alp	1XIF	1UA4	1XIC		Sc=5.70837, min distance = 2.413982
GLKA_THELI	F1	1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	1H1Q		Sc=6.26689, min distance = 1.398979
GLKA_THELI	F1	16046126		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	2DS1		Sc=6.32, min distance = 2.467437942
GLKA_THELI	F1	23653515		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	2R3F		Sc=6.00207, min distance = 2.046509
GLKA_THELI	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	3BHT		Sc=6.03587, min distance = 2.687866
GLKA_THELI	F1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	3BHU		Sc=6.08608, min distance = 2.848079
GLKA_THELI	F1	24864080		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	2VTR		Sc=5.78719, min distance = 2.205299
GLKA_THELI	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	1DM2		Sc=5.9354, min distance = 3.0704457
GLKA_THELI	F1	444564	AI	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1GC5	1BS1	0.91	Sc=5.65586, min distance = 2.315540
GLKA_THELI	F1	446090	1h	NDKC_DICDI	Fu:	6022	Aden	1KDN	1GC5	1HIY	0.97	Sc=5.66722, min distance = 1.991824
GLKA_THELI	F1	447766	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	1P2A		Sc=6.2168, min distance = 2.1254611
GLKA_THELI	F1	5287416	C	ABL1_HUMAN	Fu:	6022	Aden	2G2I	1GC5	2G1T	0.93	Sc=5.96233, min distance = 2.280829
GLKA_THELI	F1	5327130	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	2C68		Sc=6.16565, min distance = 2.026960
GLKA_THELI	F1	5327131	T	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GC5	2C69		Sc=6.27352, min distance = 1.917181
GLKA_THELI	F1	5327148	C	IPKA_RABIT	Fu:	6022	Aden	1JBP	1GC5	2ERZ		Sc=6.08504, min distance = 2.136859

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GLKA_THELI	Ft	5957	Ader	HSP7F_YEAST	Ft	6022	Aden	3C7N	1GC5	3D2F	0.99	Sc=5.9245, min distance = 2.4131135
GLKA_THELI	Ft	5957	Ader	Q53W83_THET8	I	6022	Aden	1V1A	1GC5	1V1B	0.99	Sc=5.94909, min distance = 2.187154
GLKA_THELI	Ft	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1GC5	2R7M	0.99	Sc=6.26137, min distance = 2.328275
GLKA_THELI	Ft	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1GC5	3EJ1		Sc=6.08925, min distance = 2.432612
GLKA_THELI	Ft	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1GC5	2ZGY	0.8	Sc=5.82935, min distance = 2.943580
GLKA_THELI	Ft	91532	AMF	PURP_METJA	Fu	6022	Aden	2R7N	1GC5	2R7K	0.99	Sc=5.94024, min distance = 2.177465
GLK_ECOLI	Fu	125409	be	XYNA1_CLOSR	Ft	64689	bet	1OD3	1SZ2	1UY4	0.93	Sc=5.60815, min distance = 1.568242
GLK_ECOLI	Fu	24139	ace	LEG3_HUMAN	Fu	64689	bet	2NMO	1SZ2	1KJL		Sc=6.08523, min distance = 2.452175
GLK_ECOLI	Fu	444809	Th	GUN2_THEFU	Fu	64689	bet	2BOF	1SZ2	2BOG	0.78	Sc=5.65103, min distance = 1.492015
GLK_ECOLI	Fu	445564	4-	GUNG_CLOCE	Fu	64689	bet	1GA2	1SZ2	1KFG	0.88	Sc=5.72073, min distance = 0.172825
GLK_ECOLI	Fu	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	1SZ2	1UOZ	0.77	Sc=5.73768, min distance = 0.519386
GLK_ECOLI	Fu	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	1SZ2	1UP2		Sc=5.84578, min distance = 0.612511
GLK_ECOLI	Fu	6027	xylc	O93715_SULSO	I	64689	bet	2CDB	1SZ2	2CDC	0.93	Sc=5.65079, min distance = 2.331965
GLMS_ECOLI	Ft	191445	1c	G6PI_RABIT	Fu	152306	Sc	1XTB	2J6H	1G98		Sc=5.91025, min distance = 2.175345
GLMS_ECOLI	Ft	24820117		GGT_ECOLI	Fu	33032	L-g	2DG5	1XFF	2Z8J		Sc=5.84986, min distance = 1.704710
GLMS_ECOLI	Ft	40539	Qui	GRIA2_RAT	Fu	33032	L-g	2GFE	1XFF	1P1O		Sc=5.91638, min distance = 1.950555
GLMS_ECOLI	Ft	440053	Wi	GRIA2_RAT	Fu	33032	L-g	2GFE	1XFF	1MQJ		Sc=6.07191, min distance = 1.896464
GLMS_ECOLI	Ft	440641	1n	G6PI_RABIT	Fu	152306	Sc	1XTB	2J6H	1HOX	0.84	Sc=5.92093, min distance = 2.233275
GLMS_ECOLI	Ft	446761	CI	G6PI_RABIT	Fu	152306	Sc	1XTB	2J6H	1KOJ		Sc=5.97273, min distance = 2.107184
GLMS_ECOLI	Ft	447083	ac	GRIA2_RAT	Fu	33032	L-g	2GFE	1XFF	1M5E		Sc=6.1609, min distance = 1.8034954
GLMS_ECOLI	Ft	447195	1n	GRIA2_RAT	Fu	33032	L-g	2GFE	1XFF	1MQD		Sc=5.90964, min distance = 2.255524
GLMS_ECOLI	Ft	448823	CI	G6PI_MOUSE	Fu	152306	Sc	2CXQ	2J6H	1U0F		Sc=5.91908, min distance = 2.376611
GLMS_ECOLI	Ft	69507	Neu	NAGB_ECOLI	Fu	446113	AI	1HOR	1MOS	1FQO		Sc=6.03104, min distance = 2.198885
GLMS_ECOLI	Ft	91493	1pg	G6PI_RABIT	Fu	152306	Sc	1XTB	2J6H	1DQR		Sc=6.0795, min distance = 2.1160775
GLMU_ECOLI	Ft	6031	Urid	EXTL2_MOUSE	Ft	445675	UD	1ON6	1HV9	1ON8	0.82	Sc=5.84985, min distance = 2.418952
GLMU_ECOLI	Ft	6031	Urid	MGAT1_RABIT	Ft	445675	UD	1FOA	1HV9	2AM5	0.82	Sc=5.85994, min distance = 2.056295
GLMU_HAEIN	Ft	6804	guar	PYRR_BACCL	Fu	6030	Urid	2IGB	2V0J	1XZ8		Sc=6.2629, min distance = 1.9333325
GLMU_STRPN	Ft	6031	Urid	EXTL2_MOUSE	Ft	445675	UD	1ON6	1HM9	1ON8	0.82	Sc=5.84898, min distance = 2.471175
GLMU_STRPN	Ft	6914576	C	MGAT1_RABIT	Ft	445675	UD	1FOA	1HM9	2APC	0.92	Sc=6.67317, min distance = 1.974046
GLNA1_MYCTU	I	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2BVC	1BS1	0.91	Sc=6.45105, min distance = 1.861495
GLNA1_MYCTU	I	447048	2k	Y1521_ARCFU	Ft	6022	Aden	2BFR	2BVC	2BFQ	0.95	Sc=5.89483, min distance = 2.062485
GLNA1_MYCTU	I	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2BVC	1ZTF	0.95	Sc=6.2993, min distance = 1.9898072
GLNA1_MYCTU	I	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BVC	1PXI		Sc=5.7969, min distance = 2.1083206
GLNA1_MYCTU	I	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2BVC	2ERZ		Sc=6.25749, min distance = 2.016385
GLNA1_MYCTU	I	5957	Ader	PURL_THEMA	Fu	6022	Aden	2HRU	2BVC	2HS0	0.99	Sc=6.19015, min distance = 2.222655
GLNA1_MYCTU	I	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	2BVC	2J9C	0.99	Sc=6.50339, min distance = 1.884395
GLNA1_MYCTU	I	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2BVC	1FMO	0.95	Sc=6.31434, min distance = 2.180205

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GLNA3_MAIZE	1	24832037	PGK1_HUMAN	Fu	6022	Aden	2ZGV	2D3A	3C3C		Sc=5.86647, min distance = 2.294940
GLNA3_MAIZE	1	444503	NDKC_DICDI	Fu	6022	Aden	1KDN	2D3A	1B99		Sc=6.2465, min distance = 2.1963180
GLNA3_MAIZE	1	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D3A	1PXI		Sc=5.74284, min distance = 1.730540
GLNA3_MAIZE	1	5957	PUR7_METJA	Fu	6022	Aden	2YZL	2D3A	2Z02	0.99	Sc=6.02808, min distance = 1.564159
GLNA3_MAIZE	1	6031	DCK_HUMAN	Fu	6022	Aden	1P5Z	2D3A	2ZIA		Sc=5.86647, min distance = 2.234450
GLNA3_MAIZE	1	72194	ENPL_CANFA	Fu	6022	Aden	1TC6	2D3A	1QYE	0.89	Sc=6.21257, min distance = 2.047949
GLNA3_MAIZE	1	91532	MTNK_BACSU	Fu	6022	Aden	2OLC	2D3A	2PUL	0.99	Sc=6.51325, min distance = 1.928426
GLNA_HUMAN	F1	13711	DCK_HUMAN	Fu	6022	Aden	1P5Z	2OJW	2NO1		Sc=5.70088, min distance = 2.083278
GLNA_HUMAN	F1	164628	PMS2_HUMAN	Fu	6022	Aden	1EA6	2OJW	1H7U		Sc=6.38219, min distance = 1.450046
GLNA_HUMAN	F1	24832037	PGK1_HUMAN	Fu	6022	Aden	2ZGV	2OJW	3C3C		Sc=6.30251, min distance = 2.397574
GLNA_HUMAN	F1	36735	PARM_ECOLX	Fu	6022	Aden	1MWM	2OJW	2ZGZ	0.79	Sc=6.49069, min distance = 1.819710
GLNA_HUMAN	F1	444564	BIOD_ECOLI	Fu	6022	Aden	1DAD	2OJW	1BS1	0.91	Sc=6.39101, min distance = 2.158240
GLNA_HUMAN	F1	445940	CDK2_HUMAN	Fu	6022	Aden	1GY3	2OJW	1GZ8		Sc=6.1875, min distance = 2.0174520
GLNA_HUMAN	F1	4565	CDK2_HUMAN	Fu	6022	Aden	1GY3	2OJW	1H1R		Sc=6.10256, min distance = 0.872809
GLNA_HUMAN	F1	5957	BIOD_ECOLI	Fu	6022	Aden	1DAD	2OJW	1A82	0.99	Sc=6.43911, min distance = 2.084490
GLNA_HUMAN	F1	5957	MUTS_ECOLI	Fu	6022	Aden	1OH7	2OJW	1W7A	0.99	Sc=6.46904, min distance = 1.979150
GLNA_HUMAN	F1	5957	RK_BOVIN	Fu	6022	Aden	3C4Z	2OJW	3C4W	0.99	Sc=6.41296, min distance = 1.888180
GLNA_HUMAN	F1	60750	DCK_HUMAN	Fu	6022	Aden	1P5Z	2OJW	2NO0		Sc=5.75079, min distance = 2.183680
GLNA_HUMAN	F1	60961	IPKA_RABIT	Fu	6022	Aden	1JBP	2OJW	1FMO	0.95	Sc=6.22266, min distance = 2.583258
GLNA_HUMAN	F1	91532	BIOD_ECOLI	Fu	6022	Aden	1DAD	2OJW	1DAG	0.99	Sc=6.47856, min distance = 2.359446
GLNA_HUMAN	F1	91532	PURP_METJA	Fu	6022	Aden	2R7N	2OJW	2R7K	0.99	Sc=6.04427, min distance = 1.999310
GLNA_SALTY	F1	24752834	SYH_ECOLI	Fu	6083	aden	1HTT	1LGR	2EL9		Sc=6.5729, min distance = 2.0842758
GLNA_SALTY	F1	6131	RNAS1_BOVIN	F1	6022	Aden	100H	1F52	1RNN		Sc=5.6608, min distance = 2.3439620
GLNA_SALTY	F1	65533	O57693_THETE	1	6083	aden	1UXU	1LGR	1UXT		Sc=5.88632, min distance = 2.310819
GLNA_SALTY	F1	656969	PDE4B_HUMAN	F1	6083	aden	1ROR	1LGR	1Y2J		Sc=6.18811, min distance = 2.122624
GLNA_SALTY	F1	84265	GALK2_HUMAN	F1	6022	Aden	2A2C	1F52	2A2D		Sc=6.08392, min distance = 2.167076
GLNA_SALTY	F1	8582	PYGM_RABIT	Fu	6083	aden	8GPB	1LGR	2QN7	0.79	Sc=5.87191, min distance = 2.137689
GLNB_AQUAE	F1	3547	KAPCA_BOVIN	F1	5957	Aden	1Q24	2EG2	1Q8W		Sc=5.66414, min distance = 2.184240
GLNB_AQUAE	F1	444852	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2EG2	1COW	0.91	Sc=5.9334, min distance = 1.9721602
GLNB_AQUAE	F1	447916	RIO1_ARCFU	Fu	5957	Aden	1ZP9	2EG2	1ZTF	0.94	Sc=5.93333, min distance = 2.894416
GLNB_AQUAE	F1	449240	KAPCA_BOVIN	F1	5957	Aden	1Q24	2EG2	1YDR		Sc=5.67534, min distance = 2.014329
GLNB_AQUAE	F1	6022	CLCN5_HUMAN	F1	5957	Aden	2J9L	2EG2	2JA3	0.99	Sc=6.30809, min distance = 2.167957
GLNB_AQUAE	F1	6022	Y059_METJA	Fu	5957	Aden	2J9C	2EG2	2J9D	0.99	Sc=5.85048, min distance = 2.668399
GLNB_AQUAE	F1	6083	PURP_PYRFU	Fu	5957	Aden	2R86	2EG2	2R85	0.98	Sc=6.06938, min distance = 2.107860
GLNK_ECOLI	F1	11957393	FAK1_HUMAN	Fu	6022	Aden	1MP8	2NS1	2ETM		Sc=5.96616, min distance = 2.299870
GLNK_ECOLI	F1	3547	KAPCA_BOVIN	F1	5957	Aden	1Q24	2GNK	1Q8W		Sc=5.60147, min distance = 3.077039
GLNK_ECOLI	F1	444564	BIOD_ECOLI	Fu	6022	Aden	1DAD	2NS1	1BS1	0.91	Sc=6.28224, min distance = 2.060810

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GLNK_ECOLI	F1	446090	1H	NDKC_DICDI	Fu:	6022	Aden	1KDN	2NS1	1HIY	0.97	Sc=6.33043, min distance = 1.664150
GLNK_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	2GNK	1ZTF	0.94	Sc=5.86074, min distance = 3.110440
GLNK_ECOLI	F1	448505	AD	NDKC_DICDI	Fu:	6022	Aden	1KDN	2NS1	1S5Z	0.93	Sc=6.33167, min distance = 2.302580
GLNK_ECOLI	F1	6083	ader	AAKG1_RAT	Fu:	5957	Aden	2V92	2GNK	2V8Q	0.98	Sc=6.05855, min distance = 2.034210
GLNK_ECOLI	F1	60961	ade	SYQ_ECOLI	Fu:	5957	Aden	1GTR	2GNK	100B	0.94	Sc=5.91746, min distance = 2.929220
GLNK_ECOLI	F1	6852187	2	O57883_PYRHO	I	5957	Aden	2DTO	2GNK	2DTH		Sc=5.76892, min distance = 2.186960
GLNK_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2GNK	2GNI		Sc=5.61943, min distance = 2.826500
GLNK_ECOLI	F1	91532	AMP	F263_HUMAN	Fu:	6022	Aden	2AXN	2NS1	2DWP	0.99	Sc=6.38767, min distance = 2.039140
GLOX_BACSU	F1	16740985		FRDA_SHEFR	Fu:	444188	CI	1M64	1RYI	1E39	0.93	Sc=6.43959, min distance = 2.075770
GLOX_BACSU	F1	444502	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1RYI	1BWC	0.98	Sc=6.43876, min distance = 2.014290
GLOX_BACSU	F1	445794	AD	PHHY_PSEFL	Fu:	444188	CI	1PBE	1RYI	2PHH		Sc=6.64522, min distance = 1.988080
GLOX_BACSU	F1	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1RYI	1JNZ	0.94	Sc=6.4433, min distance = 2.3950180
GLOX_BACSU	F1	446013	1,	O28604_ARCFU	I	444188	CI	1JNR	1RYI	1JNZ	0.94	Sc=6.44369, min distance = 2.421780
GLOX_BACSU	F1	449465	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1RYI	3GRT	0.98	Sc=6.44213, min distance = 2.159200
GLOX_BACSU	F1	6420174	C	O28604_ARCFU	I	444188	CI	1JNR	1RYI	2FJB	0.92	Sc=6.4522, min distance = 1.9222510
GLPD_ECOLI	F1	444502	CI	TYTR_TRYCR	Fu:	11987634	1AOG		2R4E	1GXF	0.95	Sc=6.88754, min distance = 1.975110
GLPD_ECOLI	F1	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	2QCU	1JNZ	0.94	Sc=6.88783, min distance = 2.029470
GLPD_ECOLI	F1	446013	1,	O28604_ARCFU	I	444188	CI	1JNR	2QCU	1JNZ	0.94	Sc=6.88754, min distance = 1.918230
GLPD_ECOLI	F1	449465	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	2QCU	3GRT	0.98	Sc=6.88378, min distance = 2.189660
GLPG_ECOLI	F1	11987742		LHA4_RHOAC	Fu:	444279	1s	2FKW	2IRV	1NKZ		Sc=6.39797, min distance = 0.706740
GLPK_ECOLI	F1	33113	gan	KIF1A_MOUSE	F1	91532	AMP	1I6I	1GLL	1VfV	0.99	Sc=5.96326, min distance = 2.155190
GLPK_ECOLI	F1	33113	gan	PURT_ECOLI	Fu:	91532	AMP	1KJI	1GLL	1EYZ	0.99	Sc=6.42507, min distance = 1.996790
GLPK_ECOLI	F1	36735	Gpp	PARM_ECOLX	Fu:	6022	Aden	1MWM	1GLB	2ZGZ	0.79	Sc=6.47425, min distance = 2.156000
GLPK_ECOLI	F1	440317	AT	PKNB_MYCTU	Fu:	91532	AMP	1O6Y	1GLL	1MRU	0.99	Sc=5.8193, min distance = 2.1898920
GLPK_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1GLB	1BS1	0.91	Sc=5.9406, min distance = 2.1010310
GLPK_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu:	91532	AMP	1DAG	1GLL	1BS1	0.91	Sc=6.35803, min distance = 2.297730
GLPK_ECOLI	F1	445940	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GLB	1GZ8		Sc=6.20895, min distance = 1.794230
GLPK_ECOLI	F1	445966	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GLB	1H0V		Sc=6.25346, min distance = 1.998560
GLPK_ECOLI	F1	446381	1u	PDXJ_ECOLI	Fu:	439162	gl	1IXO	1GLC	1IXN		Sc=5.70848, min distance = 2.208630
GLPK_ECOLI	F1	5327148	C	IPKA_RABIT	Fu:	6022	Aden	1JBP	1GLB	2ERZ		Sc=6.16445, min distance = 2.555240
GLPK_ECOLI	F1	5957	Ader	ACT1_DROME	Fu:	6022	Aden	2HF3	1GLB	2HF4	0.99	Sc=6.46604, min distance = 2.191600
GLPK_ECOLI	F1	5957	Ader	BIOD_ECOLI	Fu:	91532	AMP	1DAG	1GLL	1A82	0.99	Sc=6.41348, min distance = 2.247510
GLPK_ECOLI	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	1GLB	3D2F	0.99	Sc=6.4602, min distance = 2.0210540
GLPK_ECOLI	F1	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	1GLB	1W7A	0.99	Sc=6.45826, min distance = 2.328590
GLPK_ECOLI	F1	5957	Ader	NIFH1_AZOVI	F1	91532	AMP	2AFK	1GLL	2C8V	0.99	Sc=5.98318, min distance = 2.631850
GLPK_ECOLI	F1	5957	Ader	PURK_ECOLI	Fu:	6022	Aden	3ETJ	1GLB	3ETH	0.99	Sc=6.48195, min distance = 2.049820
GLPK_ECOLI	F1	5957	Ader	PURP_METJA	Fu:	91532	AMP	2R7K	1GLL	2R7L	0.99	Sc=6.44119, min distance = 2.014560

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GLPK_ECOLI	F1	5962	L-1y	RBCMT_PEA	Ful	23831	HEF	1MLV	1BOT	2H2E		Sc=5.78164, min distance = 0.994459
GLPK_ECOLI	F1	6031	Urid	DCK_HUMAN	Ful	6022	Aden	1P5Z	1GLB	2ZIA		Sc=6.27397, min distance = 2.269002
GLPK_ECOLI	F1	6083	ader	PURP_METJA	Fu	91532	AMF	2R7K	1GLL	2R7M	0.97	Sc=5.87191, min distance = 2.626502
GLPK_ECOLI	F1	6102784	A	PSPF_ECOLI	Fu	6022	Aden	2C98	1GLB	2C99	0.99	Sc=6.45826, min distance = 2.000439
GLPK_ECOLI	F1	668	Glyce	CGGR_BACSU	Fu	439162	gl	2OKG	1GLC	3BXF	0.76	Sc=5.69546, min distance = 2.291971
GLPK_ECOLI	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1GLB	2DTH	0.89	Sc=6.1144, min distance = 1.2561329
GLPX_ECOLI	F1	107737	ir	SUHB_ARCFU	Fu	10267	Har	1LBZ	2R8T	1LBX	0.75	Sc=6.05176, min distance = 2.031946
GLRX2_HUMAN	1	115260	S-	GSTM2_HUMAN	F1	124886	gl	1XW5	2FLS	2AB6	0.94	Sc=5.86599, min distance = 2.699437
GLRX2_HUMAN	1	97536	Hex	GSTP_ONCVO	Fu	124886	gl	1TU7	2FLS	1TU8	0.9	Sc=6.44208, min distance = 2.292010
GLT10_HUMAN	1	185698	al	MBL1_RAT	Full	440552	1b	1AFB	2D7I	2MSB		Sc=5.63826, min distance = 2.778670
GLT10_HUMAN	1	444863	is	MBL1_RAT	Full	440552	1b	1AFB	2D7I	1KWX		Sc=5.673, min distance = 2.47082132
GLT10_HUMAN	1	446578	1r	MBL1_RAT	Full	440552	1b	1AFB	2D7I	1KWW		Sc=5.68985, min distance = 2.252300
GLT10_HUMAN	1	94214	Met	MBL1_RAT	Full	440552	1b	1AFB	2D7I	1AFA		Sc=5.85925, min distance = 1.270537
GLTP_HUMAN	F1	7048614	Z	XYLA_STRRU	Fu	79025	alp	1XIF	2EVS	1XID		Sc=5.78241, min distance = 1.650252
GLTS_SYNY3	F1	16741044		PYRDA_LALCL	F1	444243	FA	1JUB	1OFD	1JRB		Sc=6.64856, min distance = 2.181751
GLTS_SYNY3	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1OFD	1LTD	0.77	Sc=6.65136, min distance = 2.259619
GLTS_SYNY3	F1	51	2-Oxop	CEFE_STRCL	Fu	43	2-hydr	1UOB	1OFD	1RXG	0.78	Sc=5.74847, min distance = 2.403352
GLVA_BACSU	F1	10267	Har	CGGR_BACSU	Fu	439427	Rc	3BXG	1U8X	3BXF	0.87	Sc=6.02532, min distance = 2.266441
GLVA_BACSU	F1	440641	1n	CGGR_BACSU	Fu	439427	Rc	3BXG	1U8X	3BXH	0.89	Sc=5.8705, min distance = 2.5124259
GLVA_BACSU	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1U8X	2FZE		Sc=6.67517, min distance = 1.815468
GLVA_BACSU	F1	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	1U8X	1IHX		Sc=6.79688, min distance = 2.050782
GLYA_ECOLI	F1	1051	Code	HEM1_RHOCA	Fu	445062	CI	2BWP	1DFO	2BWO	0.86	Sc=6.11946, min distance = 2.403936
GLYA_ECOLI	F1	447013	CI	Q9X266_THEMA	1	445062	CI	1LW5	1DFO	1LW4	0.94	Sc=5.95977, min distance = 2.558169
GLYG_RABIT	F1	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	1ZCT	2PO2	0.83	Sc=5.72083, min distance = 1.839657
GM4D_PSEAE	F1	24978488		TBB2B_BOVIN	F1	8977	1dar	1Z2B	1RPN	3DU7		Sc=6.46563, min distance = 2.026489
GM4D_PSEAE	F1	6022	Ader	NDK_PYRHO	Ful	8977	1dar	2DXE	1RPN	2DYA	0.8	Sc=6.44771, min distance = 2.052497
GM4D_PSEAE	F1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1RPN	1WAJ	0.99	Sc=6.42318, min distance = 1.930990
GMD2_ARATH	F1	165230	1a	G6PD_LEUME	Fu	5886	NADF	1H9A	1N7H	2DPG		Sc=5.99503, min distance = 2.308269
GMD2_ARATH	F1	6022	Ader	NDK_PYRHO	Ful	8977	1dar	2DXE	1N7H	2DYA	0.8	Sc=6.42092, min distance = 2.232294
GMD2_ARATH	F1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1N7H	1WAJ	0.99	Sc=6.39408, min distance = 2.209884
GMD2_ARATH	F1	6804	guar	GBP1_HUMAN	Fu	8977	1dar	2B92	1N7H	2B8W	0.99	Sc=6.38219, min distance = 1.682857
GMD2_ARATH	F1	8582	Inos	PURA1_MOUSE	F1	8977	1dar	1LON	1N7H	1IWE	0.99	Sc=6.36522, min distance = 2.382674
GMD2_ARATH	F1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1N7H	2QME	0.99	Sc=6.52732, min distance = 2.111995
GMDS_HUMAN	F1	6022	Ader	NDK_PYRHO	Ful	8977	1dar	2DXE	1T2A	2DYA	0.8	Sc=6.429, min distance = 2.22560441
GMDS_HUMAN	F1	6031	Urid	O33839_THEMA	1	8977	1dar	1XJE	1T2A	1XJG		Sc=6.33191, min distance = 1.724311
GMDS_HUMAN	F1	6132	Cyti	RIR1_YEAST	Fu	8977	1dar	2CVW	1T2A	2CVU		Sc=6.32807, min distance = 2.046547
GMDS_HUMAN	F1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1T2A	1WAJ	0.99	Sc=6.40359, min distance = 2.243279

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GMD5_HUMAN	Fu	6804	guar	TGM3_HUMAN	Fu	8977	ldar	1VJJ	1T2A	1SGX	0.99	Sc=6.39587, min distance = 1.492167
GMD5_HUMAN	Fu	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1T2A	2QME	0.99	Sc=6.53236, min distance = 2.170030
GME_ARATH	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2C5A	1UDB	22.55	0.79 Sc=6.80132, min distance = 2.378124
GME_ARATH	Fu	439153	Di	Q9BJJ9_PLAFA	Fu	5893	nadi	1UH5	2C5A	1V35	0.79	Sc=6.79947, min distance = 2.023012
GMPR1_HUMAN	Fu	6030	Urid	PYRR_BACCL	Fu	6804	guan	1XZ8	2BLE	2IGB		Sc=6.26874, min distance = 2.046065
GMPR1_HUMAN	Fu	6076	Cycl	PDE10_HUMAN	Fu	6804	guan	2OUQ	2BLE	2OUR	0.79	Sc=6.32013, min distance = 0
GMPR2_HUMAN	Fu	101609	Ur	RNMC_MOMCH	Fu	6804	guan	1J1F	2A7R	1UCA		Sc=6.28588, min distance = 2.178208
GMPR2_HUMAN	Fu	445708	AM	PURA_ECOLI	Fu	8582	Inos	1CIB	2C6Q	1SON	0.81	Sc=6.3315, min distance = 2.0132607
GMPR2_HUMAN	Fu	6030	Urid	PYRR_BACCL	Fu	6804	guan	1XZ8	2A7R	2IGB		Sc=6.27776, min distance = 1.746206
GMPR2_HUMAN	Fu	6076	Cycl	PDE10_HUMAN	Fu	6804	guan	2OUQ	2A7R	2OUR	0.79	Sc=6.3343, min distance = 0
GMPR2_HUMAN	Fu	6083	ader	PYGM_RABIT	Fu	8582	Inos	2QN7	2C6Q	8GPB	0.79	Sc=6.33814, min distance = 2.088410
GNA12_MOUSE	Fu	37792	gar	GNA13_MOUSE	Fu	8977	ldar	1ZCB	1ZCA	3CX8	0.99	Sc=6.54643, min distance = 2.087139
GNA12_MOUSE	Fu	37792	gar	GNAI1_RAT	Fu	8977	ldar	1SVK	1ZCA	1AS0	0.99	Sc=6.53322, min distance = 2.250795
GNA12_MOUSE	Fu	37792	gar	RB11A_HUMAN	Fu	8977	ldar	1OIX	1ZCA	1OIW	0.99	Sc=6.53966, min distance = 2.475720
GNA12_MOUSE	Fu	37792	gar	RHOA_HUMAN	Fu	8977	ldar	1TX4	1ZCA	1CXZ	0.99	Sc=6.54356, min distance = 2.048262
GNA12_MOUSE	Fu	444148	1a	RHA1_ARATH	Fu	8977	ldar	2EFC	1ZCA	2EFE	0.99	Sc=6.48488, min distance = 2.588920
GNA12_MOUSE	Fu	445463	B-	TGM3_HUMAN	Fu	8977	ldar	1VJJ	1ZCA	1L9N		Sc=6.22749, min distance = 2.073737
GNA12_MOUSE	Fu	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1ZCA	1IAQ		Sc=6.55143, min distance = 2.303029
GNA12_MOUSE	Fu	6804	guar	TGM3_HUMAN	Fu	8977	ldar	1VJJ	1ZCA	1SGX	0.99	Sc=6.43933, min distance = 1.906122
GNA12_MOUSE	Fu	8582	Inos	PURA1_MOUSE	Fu	8977	ldar	1LON	1ZCA	1IWE	0.99	Sc=6.41036, min distance = 2.117502
GNA12_MOUSE	Fu	93082	Gak	CDC42_HUMAN	Fu	8977	ldar	2NGR	1ZCA	2ODB	0.99	Sc=6.58841, min distance = 2.206958
GNA12_MOUSE	Fu	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1ZCA	2QME	0.99	Sc=6.57759, min distance = 2.570262
GNA12_MOUSE	Fu	93082	Gak	RASH_HUMAN	Fu	8977	ldar	2CE2	1ZCA	121P	0.99	Sc=6.57575, min distance = 2.062416
GNA13_MOUSE	Fu	445463	B-	TGM3_HUMAN	Fu	8977	ldar	1VJJ	1ZCB	1L9N		Sc=6.24734, min distance = 1.598320
GNA13_MOUSE	Fu	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	1ZCB	1IBR		Sc=6.5713, min distance = 2.2653066
GNA13_MOUSE	Fu	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1ZCB	1IAQ		Sc=6.55735, min distance = 2.206372
GNA13_MOUSE	Fu	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1ZCB	1G7C	0.99	Sc=6.44118, min distance = 2.255406
GNA13_MOUSE	Fu	93082	Gak	CDC42_HUMAN	Fu	8977	ldar	2NGR	1ZCB	2ODB	0.99	Sc=6.59087, min distance = 2.422275
GNA13_MOUSE	Fu	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1ZCB	2QME	0.99	Sc=6.58488, min distance = 2.193558
GNA1_YEAST	Fu	439217	1n	GNA1_HUMAN	Fu	439219	NA	2O28	1I1D	3CXQ	0.82	Sc=5.95532, min distance = 0.869810
GNAI1_HUMAN	Fu	24978488		TBB2B_BOVIN	Fu	8977	ldar	1Z2B	2HLB	3DU7		Sc=6.5181, min distance = 2.0117902
GNAI1_HUMAN	Fu	37792	gar	RAB6B_HUMAN	Fu	8977	ldar	2E9S	2HLB	2FFQ	0.99	Sc=6.54409, min distance = 1.967236
GNAI1_HUMAN	Fu	37792	gar	RB11A_HUMAN	Fu	8977	ldar	1OIX	2HLB	1OIW	0.99	Sc=6.5367, min distance = 2.1096300
GNAI1_HUMAN	Fu	445463	B-	TGM3_HUMAN	Fu	8977	ldar	1VJJ	2HLB	1L9N		Sc=6.24576, min distance = 1.578237
GNAI1_HUMAN	Fu	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	2HLB	1IBR		Sc=6.55843, min distance = 2.153309
GNAI1_HUMAN	Fu	6804	guar	DPOL_BPR69	Fu	8977	ldar	1CLQ	2HLB	1WAJ	0.99	Sc=6.4487, min distance = 2.2163447
GNAI1_HUMAN	Fu	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	2HLB	1G7C	0.99	Sc=6.44589, min distance = 2.229985

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GNAI1_HUMAN	I	8582	Inos	PUR1_MOUSE	F	8977	1dar	1LON	2HLB	1IWE	0.99	Sc=6.41811, min distance = 2.308904
GNAI1_HUMAN	I	93082	Gak	RAC3_HUMAN	F	8977	1dar	2C2H	2HLB	2QME	0.99	Sc=6.5759, min distance = 2.296609
GNAI1_RAT	F	444845	1c	RASH_HUMAN	F	36735	Gpp	1CTQ	1SVS	1CLU	0.99	Sc=6.58347, min distance = 1.982488
GNAI1_RAT	F	445463	B-	TGM3_HUMAN	F	8977	1dar	1VJJ	1SVK	1L9N		Sc=6.23052, min distance = 2.213158
GNAI1_RAT	F	446248	CI	RAN_HUMAN	F	36735	Gpp	1K5D	1SVS	1IBR		Sc=6.55814, min distance = 2.338482
GNAI1_RAT	F	446248	CI	RAN_HUMAN	F	8977	1dar	3CH5	1SVK	1IBR		Sc=6.57691, min distance = 2.043125
GNAI1_RAT	F	446248	CI	RASH_HUMAN	F	36735	Gpp	1CTQ	1SVS	1IAQ		Sc=6.54289, min distance = 2.499115
GNAI1_RAT	F	446248	CI	RASH_HUMAN	F	8977	1dar	2CE2	1SVK	1IAQ		Sc=6.56068, min distance = 2.136629
GNAI1_RAT	F	51	2-Oxop	SERA_ECOLI	F	311	citri	2P9E	1AGR	1YBA	0.76	Sc=5.61763, min distance = 2.108010
GNAI1_RAT	F	6022	Ader	PARM_ECOLX	F	8977	1dar	2ZGY	1SVK	1MWM	0.8	Sc=6.49399, min distance = 2.004780
GNAI1_RAT	F	6804	guar	EF1A_YEAST	F	8977	1dar	2B7B	1SVK	1G7C	0.99	Sc=6.44928, min distance = 2.275565
GNAI1_RAT	F	6804	guar	GBP1_HUMAN	F	36735	Gpp	1F5N	1SVS	2B8W	0.98	Sc=6.43401, min distance = 1.922610
GNAI1_RAT	F	93082	Gak	CDC42_HUMAN	F	8977	1dar	2NGR	1SVK	2ODB	0.99	Sc=6.59451, min distance = 2.315610
GNAI1_RAT	F	93082	Gak	RAC3_HUMAN	F	36735	Gpp	2IC5	1SVS	2QME	0.99	Sc=6.58108, min distance = 2.451684
GNAI1_RAT	F	93082	Gak	RAC3_HUMAN	F	8977	1dar	2C2H	1SVK	2QME	0.99	Sc=6.59332, min distance = 2.385552
GNAI1_RAT	F	93082	Gak	RASH_HUMAN	F	36735	Gpp	1CTQ	1SVS	121P	0.99	Sc=6.57312, min distance = 2.504862
GNAI1_RAT	F	93082	Gak	SRP54_THEAQ	F	36735	Gpp	1JPN	1SVS	1RJ9	0.99	Sc=6.58553, min distance = 2.079080
GNAI3_HUMAN	I	24978488		TBB2B_BOVIN	F	8977	1dar	1Z2B	2ODE	3DU7		Sc=6.5181, min distance = 1.4834234
GNAI3_HUMAN	I	37792	gan	GNAI1_RAT	F	8977	1dar	1SVK	2ODE	1AS0	0.99	Sc=6.54914, min distance = 2.531114
GNAI3_HUMAN	I	37792	gan	GNAT1_BOVIN	F	8977	1dar	1TAD	2ODE	1TND	0.99	Sc=6.56061, min distance = 2.277547
GNAI3_HUMAN	I	37792	gan	RAB6B_HUMAN	F	8977	1dar	2E9S	2ODE	2FFQ	0.99	Sc=6.55567, min distance = 2.244148
GNAI3_HUMAN	I	37792	gan	RAC1_HUMAN	F	8977	1dar	1RYF	2ODE	2FJU	0.99	Sc=6.56145, min distance = 2.308944
GNAI3_HUMAN	I	37792	gan	RB11A_HUMAN	F	8977	1dar	1OIX	2ODE	1OIW	0.99	Sc=6.55507, min distance = 2.639695
GNAI3_HUMAN	I	37792	gan	RHOA_HUMAN	F	8977	1dar	1TX4	2ODE	1CXZ	0.99	Sc=6.55881, min distance = 2.143100
GNAI3_HUMAN	I	445463	B-	TGM3_HUMAN	F	8977	1dar	1VJJ	2ODE	1L9N		Sc=6.25133, min distance = 1.704479
GNAI3_HUMAN	I	446248	CI	RAN_HUMAN	F	8977	1dar	3CH5	2ODE	1IBR		Sc=6.56732, min distance = 2.025442
GNAI3_HUMAN	I	446248	CI	RASH_HUMAN	F	8977	1dar	2CE2	2ODE	1IAQ		Sc=6.56251, min distance = 2.236619
GNAI3_HUMAN	I	6804	guar	DPOL_BPR69	F	8977	1dar	1CLQ	2ODE	1WAJ	0.99	Sc=6.43669, min distance = 2.032422
GNAI3_HUMAN	I	6804	guar	EF1A_YEAST	F	8977	1dar	2B7B	2ODE	1G7C	0.99	Sc=6.4464, min distance = 2.334451
GNAI3_HUMAN	I	8582	Inos	PUR1_MOUSE	F	8977	1dar	1LON	2ODE	1IWE	0.99	Sc=6.41736, min distance = 2.230558
GNAI3_HUMAN	I	93082	Gak	CDC42_HUMAN	F	8977	1dar	2NGR	2ODE	2ODB	0.99	Sc=6.59187, min distance = 2.202846
GNAI3_HUMAN	I	93082	Gak	RAC3_HUMAN	F	8977	1dar	2C2H	2ODE	2QME	0.99	Sc=6.59023, min distance = 2.587072
GNAO_MOUSE	F	37792	gan	GNAI3_MOUSE	F	8977	1dar	1ZCB	3C7K	3CX8	0.99	Sc=6.5637, min distance = 2.124381
GNAO_MOUSE	F	37792	gan	GNAI1_RAT	F	8977	1dar	1SVK	3C7K	1AS0	0.99	Sc=6.56309, min distance = 2.481608
GNAO_MOUSE	F	37792	gan	GNAT1_BOVIN	F	8977	1dar	1TAD	3C7K	1TND	0.99	Sc=6.56843, min distance = 2.064354
GNAO_MOUSE	F	444148	1a	RHA1_ARATH	F	8977	1dar	2EFC	3C7K	2EFE	0.99	Sc=6.51678, min distance = 1.979890
GNAO_MOUSE	F	445463	B-	TGM3_HUMAN	F	8977	1dar	1VJJ	3C7K	1L9N		Sc=6.26536, min distance = 1.843792

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GNAO_MOUSE	Ft	446248	Cl	RASH_HUMAN	Fu	8977	1dar	2CE2	3C7K	1IAQ			Sc=6.57257, min distance = 2.283044
GNAO_MOUSE	Ft	8582	Inos	PURA1_MOUSE	Ft	8977	1dar	1LON	3C7K	1IWE	0.99		Sc=6.44289, min distance = 2.153890
GNAO_MOUSE	Ft	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	3C7K	2QME	0.99		Sc=6.60001, min distance = 2.141936
GNAO_MOUSE	Ft	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	3C7K	121P	0.99		Sc=6.59971, min distance = 2.281576
GNAQ_MOUSE	Ft	37792	gar	GNAT1_BOVIN	Ft	8977	1dar	1TAD	2BCJ	1TND	0.99		Sc=6.55605, min distance = 2.218779
GNAQ_MOUSE	Ft	37792	gar	RAB6B_HUMAN	Ft	8977	1dar	2E9S	2BCJ	2FFQ	0.99		Sc=6.5543, min distance = 1.9519816
GNAQ_MOUSE	Ft	37792	gar	RAC1_HUMAN	Fu	8977	1dar	1RYF	2BCJ	2FJU	0.99		Sc=6.55983, min distance = 2.116610
GNAQ_MOUSE	Ft	37792	gar	RB11A_HUMAN	Ft	8977	1dar	1OIX	2BCJ	1OIW	0.99		Sc=6.55392, min distance = 2.454595
GNAQ_MOUSE	Ft	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	2BCJ	1CXZ	0.99		Sc=6.55781, min distance = 2.121346
GNAQ_MOUSE	Ft	445463	B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	2BCJ	1L9N			Sc=6.24196, min distance = 1.708162
GNAQ_MOUSE	Ft	448405	Cl	ARF1_RAT	Full	8977	1dar	1RRG	2BCJ	1RRF			Sc=6.50677, min distance = 2.126897
GNAQ_MOUSE	Ft	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2BCJ	1G7C	0.99		Sc=6.44589, min distance = 2.103646
GNAQ_MOUSE	Ft	93082	Gak	CDC42_HUMAN	Ft	8977	1dar	2NGR	2BCJ	2ODB	0.99		Sc=6.59289, min distance = 2.236395
GNAQ_MOUSE	Ft	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2BCJ	2QME	0.99		Sc=6.59087, min distance = 2.488964
GNAQ_MOUSE	Ft	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2BCJ	121P	0.99		Sc=6.58619, min distance = 2.029697
GNAS2_BOVIN	I	8977	1dar	GNAI1_RAT	Ful	37792	gar	1AS0	1AZS	1SVK	43.43	0.99	Sc=6.4878, min distance = 2.5369910
GNAS2_BOVIN	I	8977	1dar	GNAT1_BOVIN	Ft	37792	gar	1TND	1AZS	1TAD	0.99		Sc=6.48483, min distance = 2.441930
GNAS2_BOVIN	I	8977	1dar	RAB6B_HUMAN	Ft	37792	gar	2FFQ	1AZS	2E9S	0.99		Sc=6.50046, min distance = 2.220910
GNAS2_BOVIN	I	8977	1dar	RAC1_HUMAN	Fu	37792	gar	2FJU	1AZS	1RYF	0.99		Sc=6.47759, min distance = 2.599775
GNAS2_BOVIN	I	8977	1dar	RB11A_HUMAN	Ft	37792	gar	1OIW	1AZS	1OIX	0.99		Sc=6.49819, min distance = 2.219649
GNAT1_BOVIN	I	446248	Cl	RAN_HUMAN	Ful	8977	1dar	3CH5	1TAD	1IBR			Sc=6.56388, min distance = 1.982985
GNAT1_BOVIN	I	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1TAD	1WAJ	0.99		Sc=6.44589, min distance = 1.960574
GNAT1_BOVIN	I	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1TAD	1G7C	0.99		Sc=6.44404, min distance = 2.371285
GNAT1_BOVIN	I	93082	Gak	CDC42_HUMAN	Ft	8977	1dar	2NGR	1TAD	2ODB	0.99		Sc=6.58873, min distance = 2.495069
GNAT1_BOVIN	I	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1TAD	2QME	0.99		Sc=6.58553, min distance = 2.499419
GNAT1_BOVIN	I	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1TAD	121P	0.99		Sc=6.58328, min distance = 2.271108
GNMT_HUMAN	Ft	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1R74	1QGU	0.92		Sc=5.95599, min distance = 2.148710
GNMT_HUMAN	Ft	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1R74	1QGU	0.92		Sc=5.96229, min distance = 2.149534
GNMT_HUMAN	Ft	447530		SRC_HUMAN	Ful	311	citri	1O4L	1R74	1O4F			Sc=5.90032, min distance = 2.175800
GNMT_HUMAN	Ft	447534	IS	SRC_HUMAN	Ful	311	citri	1O4L	1R74	1O4J			Sc=5.99014, min distance = 1.040208
GNMT_RAT	Ful	16741210		MTTA_THEAQ	Fu	439155	Ad	1AQI	1D2H	2JG3			Sc=6.42551, min distance = 0.584100
GNMT_RAT	Ful	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1D2H	1Z3C	0.91		Sc=6.47932, min distance = 2.371737
GNMT_RAT	Ful	445762	5'	MTTA_THEAQ	Fu	34756	Acy	2ADM	1XVA	2IH2	0.93		Sc=6.28113, min distance = 2.089278
GNMT_RAT	Ful	445971	Cl	COMT_RAT	Full	34756	Acy	2CL5	1XVA	1H1D	0.92		Sc=6.12441, min distance = 2.208715
GNMT_RAT	Ful	446535	Cl	HNMT_HUMAN	Fu	439155	Ad	2AOT	1D2H	1JQE	0.95		Sc=6.4237, min distance = 2.5741635
GNMT_RAT	Ful	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1D2H	1JG2	0.84		Sc=6.21801, min distance = 2.307785
GNMT_RAT	Ful	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	1D2H	1QAQ	0.88		Sc=6.49305, min distance = 2.397775

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GNMT_RAT Ful: 65482 sir	MCES_ENCCU Fu: 439155 Ad	1RI1	1D2H	2HV9	0.88	Sc=6.009, min distance = 1.77452754	
GNTK_ECOLI F: 3540 lyds	KAPCA_BOVIN F: 5957 Aden	1Q24	1K05	1YDS		Sc=5.8, min distance = 2.2095307194	
GNTK_ECOLI F: 3547 Fas	KAPCA_BOVIN F: 5957 Aden	1Q24	1K05	1Q8W		Sc=5.90171, min distance = 2.386980	
GNTK_ECOLI F: 444564 AD	BIOD_ECOLI Fu: 5957 Aden	1A82	1K05	1BS1	0.91	Sc=5.9382, min distance = 2.4724057	
GNTK_ECOLI F: 444564 AD	MYS2_DICDI Fu: 5957 Aden	1FMW	1K05	1W9I	0.91	Sc=5.95006, min distance = 0	
GNTK_ECOLI F: 447004 CI	MYS2_DICDI Fu: 5957 Aden	1FMW	1K05	1LVK		Sc=6.05029, min distance = 0	
GNTK_ECOLI F: 449240 ly	KAPCA_BOVIN F: 5957 Aden	1Q24	1K05	1YDR		Sc=5.88721, min distance = 2.374916	
GNTK_ECOLI F: 6022 Ader	BIOD_ECOLI Fu: 5957 Aden	1A82	1K05	1DAD	0.99	Sc=5.93748, min distance = 2.536596	
GNTK_ECOLI F: 6022 Ader	CLCN5_HUMAN F: 5957 Aden	2J9L	1K05	2JA3	0.99	Sc=5.93684, min distance = 0.959670	
GNTK_ECOLI F: 6022 Ader	KTHY_HUMAN Fu: 5957 Aden	1E2Q	1K05	1NN3	0.99	Sc=5.95286, min distance = 2.483449	
GNTK_ECOLI F: 6022 Ader	MUTS_ECOLI Fu: 5957 Aden	1W7A	1K05	1OH7	0.99	Sc=5.94478, min distance = 2.356507	
GNTK_ECOLI F: 6022 Ader	NIFH1_AZOVI F: 5957 Aden	2C8V	1K05	1FP6	0.99	Sc=5.9447, min distance = 2.2828860	
GNTK_ECOLI F: 6022 Ader	Q72H90_THET2 I	5957 Aden	2BEK	1K05	2BEJ	0.99	Sc=5.63256, min distance = 2.404380
GNTK_ECOLI F: 6338562 C	MYS2_DICDI Fu: 5957 Aden	1FMW	1K05	1D0Y		Sc=6.18582, min distance = 0	
GNTK_ECOLI F: 91532 AME	BIOD_ECOLI Fu: 5957 Aden	1A82	1K05	1DAG	0.99	Sc=6.01764, min distance = 2.423200	
GOX_ASPNG Fu: 11987634	GLPD_ECOLI Fu: 444188 CI	2QCU	1CF3	2R4E	0.97	Sc=6.44053, min distance = 1.968776	
GOX_ASPNG Fu: 11987634	TYTR_TRYCR Fu: 444188 CI	1BZL	1CF3	1AOG	0.97	Sc=6.1627, min distance = 2.3354607	
GOX_ASPNG Fu: 16740985	FRDA_SHEFR Fu: 444188 CI	1M64	1CF3	1E39	0.93	Sc=6.44165, min distance = 2.110427	
GOX_ASPNG Fu: 444502 CI	GSHR_HUMAN Fu: 444188 CI	3DK9	1CF3	1BWC	0.98	Sc=6.15255, min distance = 2.023239	
GOX_ASPNG Fu: 444502 CI	TYTR_TRYCR Fu: 444188 CI	1BZL	1CF3	1GXF	0.98	Sc=6.43663, min distance = 2.532166	
GOX_ASPNG Fu: 446013 I	O28603_ARCFU I	444188 CI	1JNR	1CF3	1JNZ	0.94	Sc=6.16066, min distance = 2.123460
GOX_ASPNG Fu: 449465 CI	GSHR_HUMAN Fu: 444188 CI	3DK9	1CF3	3GRT	0.98	Sc=6.43959, min distance = 2.391416	
GOX_ASPNG Fu: 6420174 C	O28603_ARCFU I	444188 CI	1JNR	1CF3	2FJB	0.92	Sc=6.16765, min distance = 2.043439
GOX_ASPNG Fu: 6420174 C	O28604_ARCFU I	444188 CI	1JNR	1CF3	2FJB	0.92	Sc=6.16554, min distance = 2.129396
GOX_PENAG Fu: 446013 I	O28603_ARCFU I	444188 CI	1JNR	1GPE	1JNZ	0.94	Sc=6.89821, min distance = 2.242627
GOX_PENAG Fu: 446013 I	O28604_ARCFU I	444188 CI	1JNR	1GPE	1JNZ	0.94	Sc=6.9001, min distance = 2.1545486
GOX_PENAG Fu: 449465 CI	GSHR_HUMAN Fu: 444188 CI	3DK9	1GPE	3GRT	0.98	Sc=6.17728, min distance = 2.170320	
GOX_PENAG Fu: 6420174 C	O28603_ARCFU I	444188 CI	1JNR	1GPE	2FJB	0.92	Sc=6.9035, min distance = 1.9129887
GOX_PENAG Fu: 6420174 C	O28604_ARCFU I	444188 CI	1JNR	1GPE	2FJB	0.92	Sc=6.9036, min distance = 1.9615486
GOX_SPIOL Fu: 445395 Re	PYRDB_LACLM F: 444301 FM	1EP2	1AL8	1EP3	0.77	Sc=6.65875, min distance = 2.503329	
GOX_SPIOL Fu: 445395 Re	PYRK_LACLM Fu: 444301 FM	1EP2	1AL8	1EP3	0.77	Sc=6.65927, min distance = 2.433516	
GOX_SPIOL Fu: 446995 FM	CYB2_YEAST Fu: 444243 FA	1KBI	1GOX	1LTD	40.97	0.77 Sc=6.2024, min distance = 2.5396980	
GP1BA_HUMAN I	DYR_CANAL Ful: 78165 MES	1M79	1P8V	1M78		Sc=6.01426, min distance = 0.658266	
GPD1L_HUMAN I	G3P_HUMAN Ful: 5893 nadi	1U8F	2PLA	3GPD	0.95	Sc=6.77809, min distance = 1.511257	
GPD1L_HUMAN I	G3P_PALVE Ful: 5893 nadi	1DSS	2PLA	1IHX		Sc=6.76834, min distance = 1.899737	
GPD1L_HUMAN I	Q5SI02_THET8 I	5893 nadi	2BJK	2BJA		Sc=6.23615, min distance = 2.278510	
GPDA_HUMAN F: 440641 In	CGGR_BACSU Fu: 668 Glyce	3BXF	1WPQ	3BXH		Sc=6.00403, min distance = 0.529050	

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GPDA_HUMAN	Ft	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	1WPQ	3GPD	0.95	Sc=6.77481, min distance = 2.293906
GPDA_HUMAN	Ft	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1WPQ	2BJA		Sc=6.09583, min distance = 2.237463
GPDA_LEIME	Ft	444564	AD	ARO1_EMENI	Fu	5893	nadi	1SG6	1EVZ	1NVA		Sc=6.26369, min distance = 2.172528
GPDA_LEIME	Ft	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	1EVZ	3GPD	0.95	Sc=5.97181, min distance = 2.191275
GPMI_BACST	Ft	1005	phos	KDSA_AQUAE	Fu	439278	ph	1PE1	1O98	2NWR		Sc=5.6763, min distance = 2.1018253
GPMI_BACST	Ft	439168	Tr	TPIS_PLAFA	Fu	439183	li	1M7O	1EJJ	1M7P	0.84	Sc=5.69982, min distance = 1.934037
GPMI_BACST	Ft	447550	ph	TPIS_TRYBB	Fu	439183	li	1IIH	1EJJ	4TIM	1	Sc=5.7597, min distance = 2.2107614
GRFIN_GRISQ	I	101798	Me	LEC_GALNI	Ful	185698	al	1JPC	2GUD	1MSA	0.94	Sc=5.7749, min distance = 2.5097509
GRFIN_GRISQ	I	101798	Me	Q8XUA5_RALSO	I	185698	al	2CHH	2GUD	1UQX	0.94	Sc=5.75117, min distance = 2.586745
GRFIN_GRISQ	I	151504	D	CONA_CANEN	Fu	185698	al	1CVN	2GUD	1I3H		Sc=5.92902, min distance = 0.556280
GRFIN_GRISQ	I	151504	D	CVN_NOSEL	Ful	185698	al	2RDK	2GUD	2PYS		Sc=5.77335, min distance = 2.492614
GRHPR_HUMAN	I	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2GCG	1QYW		Sc=6.37677, min distance = 2.187271
GRHPR_HUMAN	I	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2GCG	1DRW	0.91	Sc=6.30338, min distance = 2.009928
GRIA2_RAT	Fu	24820116		GGT_ECOLI	Ful	33032	L-g	2DG5	2GFE	2Z8I		Sc=5.74014, min distance = 2.431566
GRIA2_RAT	Fu	24820118		GGT_ECOLI	Ful	33032	L-g	2DG5	2GFE	2Z8K		Sc=5.7478, min distance = 2.5203479
GRIA2_RAT	Fu	449178	gl	GLMS_ECOLI	Fu	33032	L-g	1XFF	2GFE	1XFG	0.81	Sc=5.87031, min distance = 1.997195
GRIA2_RAT	Fu	449234	CI	GRIK2_RAT	Ful	10255	kai	1TT1	1FTK	1YAE	54.94	0.83 Sc=6.45092, min distance = 2.333270
GRIA2_RAT	Fu	95883	4-M	GRIK2_RAT	Ful	10255	kai	1TT1	1FTK	1SD3	54.94	Sc=5.86725, min distance = 2.247815
GRIA2_RAT	Fu	95883	4-M	GRIK2_RAT	Ful	40539	Qui	1S9T	1P1O	1SD3	54.94	Sc=5.9108, min distance = 2.2840148
GRIK1_RAT	Fu	10255	kai	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1FTK	53.94	Sc=5.96895, min distance = 2.370135
GRIK1_RAT	Fu	107883	Di	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1XHY	53.94	Sc=5.98594, min distance = 2.109944
GRIK1_RAT	Fu	126569	5-	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1MQI	53.94	Sc=5.90952, min distance = 2.293938
GRIK1_RAT	Fu	158397	an	GRIA2_RAT	Ful	33032	L-g	2GFE	1YCJ	1FTM	53.94	Sc=6.03033, min distance = 0.658484
GRIK1_RAT	Fu	158397	an	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1FTM	53.94	Sc=5.87864, min distance = 1.491333
GRIK1_RAT	Fu	167842	1n	GRIA2_RAT	Ful	33032	L-g	2GFE	1YCJ	1MY3	53.94	Sc=6.13744, min distance = 1.020324
GRIK1_RAT	Fu	167842	1n	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1MY3	53.94	Sc=5.93546, min distance = 2.244471
GRIK1_RAT	Fu	24820116		GGT_ECOLI	Ful	33032	L-g	2DG5	1YCJ	2Z8I		Sc=5.72573, min distance = 2.131402
GRIK1_RAT	Fu	24820117		GGT_ECOLI	Ful	33032	L-g	2DG5	1YCJ	2Z8J		Sc=5.85289, min distance = 2.329805
GRIK1_RAT	Fu	24820118		GGT_ECOLI	Ful	33032	L-g	2DG5	1YCJ	2Z8K		Sc=5.73773, min distance = 2.230248
GRIK1_RAT	Fu	24894162		GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	3BKI	53.94	Sc=6.1219, min distance = 1.9137525
GRIK1_RAT	Fu	3140	dnqx	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1FTL	53.94	Sc=6.22099, min distance = 2.099481
GRIK1_RAT	Fu	40539	Qui	GRIA2_RAT	Ful	33032	L-g	2GFE	1YCJ	1P1O	53.94	Sc=5.96134, min distance = 0.797697
GRIK1_RAT	Fu	4369370	C	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1SYI	53.94	Sc=6.16907, min distance = 2.041957
GRIK1_RAT	Fu	440053	Wi	GRIA2_RAT	Ful	33032	L-g	2GFE	1YCJ	1MQJ	53.94	Sc=6.12408, min distance = 1.035836
GRIK1_RAT	Fu	440053	Wi	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1MQJ	53.94	Sc=5.89494, min distance = 2.204968
GRIK1_RAT	Fu	447081	1n	GRIA2_RAT	Ful	33032	L-g	2GFE	1YCJ	1M5B	53.94	Sc=6.29213, min distance = 2.116195
GRIK1_RAT	Fu	447081	1n	GRIA2_RAT	Ful	447249	AT	1N0T	1VSO	1M5B	53.94	Sc=6.21031, min distance = 1.692975

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GRIK1_RAT	Fu: 447082	1n	GRIA2_RAT	Ful: 33032	L-g	2GFE	1YCJ	1M5C	53.94	Sc=5.9404, min distance = 2.4704614
GRIK1_RAT	Fu: 447082	1n	GRIA2_RAT	Ful: 447249	AT	1N0T	1VSO	1M5C	53.94	Sc=5.73838, min distance = 2.085298
GRIK1_RAT	Fu: 447083	ac	GRIA2_RAT	Ful: 33032	L-g	2GFE	1YCJ	1M5E	53.94	Sc=6.19185, min distance = 0.272583
GRIK1_RAT	Fu: 447195	1n	GRIA2_RAT	Ful: 33032	L-g	2GFE	1YCJ	1MQD	53.94	Sc=5.97801, min distance = 0.551214
GRIK1_RAT	Fu: 447196	5;	GRIA2_RAT	Ful: 33032	L-g	2GFE	1YCJ	1MY4	53.94	Sc=6.13262, min distance = 1.081239
GRIK1_RAT	Fu: 447196	5;	GRIA2_RAT	Ful: 447249	AT	1N0T	1VSO	1MY4	53.94	Sc=5.91977, min distance = 2.078108
GRIK1_RAT	Fu: 449178	gl	GLMS_ECOLI	Fu: 33032	L-g	1XFF	1YCJ	1XFG	0.81	Sc=5.8556, min distance = 2.0937139
GRIK1_RAT	Fu: 5289518	T	GRIA2_RAT	Ful: 447249	AT	1N0T	1VSO	2AIX	53.94	Sc=5.99177, min distance = 2.018231
GRIK1_RAT	Fu: 657004	1s	GRIA2_RAT	Ful: 447249	AT	1N0T	1VSO	1SYH	53.94	Sc=6.14726, min distance = 2.032639
GRIK2_RAT	Fu: 107883	Di	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1XHY	54.94	0.88 Sc=6.15398, min distance = 2.458080
GRIK2_RAT	Fu: 107883	Di	GRIA2_RAT	Ful: 33032	L-g	2GFE	1S50	1XHY	54.94	Sc=6.19685, min distance = 2.070937
GRIK2_RAT	Fu: 126569	5-	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1MQI	54.94	Sc=6.04275, min distance = 2.156886
GRIK2_RAT	Fu: 158397	an	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1FTM	54.94	Sc=6.01478, min distance = 2.513039
GRIK2_RAT	Fu: 167842	1n	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1MY3	54.94	Sc=6.04275, min distance = 2.115272
GRIK2_RAT	Fu: 167842	1n	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1MY3	54.94	Sc=6.10516, min distance = 2.230606
GRIK2_RAT	Fu: 24820116		GGT_ECOLI	Ful: 33032	L-g	2DG5	1S50	2Z8I		Sc=5.69346, min distance = 1.952084
GRIK2_RAT	Fu: 24820117		GGT_ECOLI	Ful: 33032	L-g	2DG5	1S50	2Z8J		Sc=5.83588, min distance = 1.928821
GRIK2_RAT	Fu: 24820118		GGT_ECOLI	Ful: 33032	L-g	2DG5	1S50	2Z8K		Sc=5.69505, min distance = 2.066611
GRIK2_RAT	Fu: 4369370	C	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1SYI	54.94	Sc=6.26754, min distance = 1.911997
GRIK2_RAT	Fu: 4369370	C	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1SYI	54.94	Sc=6.31676, min distance = 2.107604
GRIK2_RAT	Fu: 440053	Wi	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1MQJ	54.94	Sc=6.02784, min distance = 2.131714
GRIK2_RAT	Fu: 440053	Wi	GRIA2_RAT	Ful: 33032	L-g	2GFE	1S50	1MQJ	54.94	Sc=6.06868, min distance = 2.367881
GRIK2_RAT	Fu: 440053	Wi	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1MQJ	54.94	Sc=6.09253, min distance = 2.133540
GRIK2_RAT	Fu: 447081	1n	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1M5B	54.94	Sc=6.31711, min distance = 2.305568
GRIK2_RAT	Fu: 447195	1n	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1MQD	54.94	Sc=5.88106, min distance = 1.930737
GRIK2_RAT	Fu: 447195	1n	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1MQD	54.94	Sc=5.93465, min distance = 2.291522
GRIK2_RAT	Fu: 447196	5;	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1MY4	54.94	Sc=6.04165, min distance = 2.060574
GRIK2_RAT	Fu: 447196	5;	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1MY4	54.94	Sc=6.10594, min distance = 2.107871
GRIK2_RAT	Fu: 447407	1n	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1NNK	54.94	Sc=6.19275, min distance = 1.989658
GRIK2_RAT	Fu: 449178	gl	GLMS_ECOLI	Fu: 33032	L-g	1XFF	1S50	1XFG	0.81	Sc=5.8556, min distance = 2.0326674
GRIK2_RAT	Fu: 5289518	T	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	2AIX	54.94	Sc=6.10137, min distance = 2.254968
GRIK2_RAT	Fu: 657004	1s	GRIA2_RAT	Ful: 10255	kai	1FTK	1TT1	1SYH	54.94	Sc=6.25182, min distance = 2.216700
GRIK2_RAT	Fu: 657004	1s	GRIA2_RAT	Ful: 40539	Qui	1P1O	1S9T	1SYH	54.94	Sc=6.31616, min distance = 1.962598
GRK6_HUMAN	Fu: 15993	dAT	PRIM_BPT7	Fu: 33113	gar	1E0J	2ACX	1CR2	0.97	Sc=5.94495, min distance = 1.717919
GRK6_HUMAN	Fu: 23656870		CSK2A_MAIZE	Fu: 33113	gar	1LP4	2ACX	2PVN		Sc=6.49702, min distance = 1.524918
GRK6_HUMAN	Fu: 24756824		CSK2A_MAIZE	Fu: 33113	gar	1LP4	2ACX	3BE9		Sc=6.43199, min distance = 1.814238
GRK6_HUMAN	Fu: 24779674		CSK2A_MAIZE	Fu: 33113	gar	1LP4	2ACX	2PVH		Sc=6.21494, min distance = 2.319316

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GRK6_HUMAN	Ft	24851689	PIM1_HUMAN	Fu	33113	gar	1XR1	2ACX	3CY2		Sc=6.09383, min distance = 2.269050
GRK6_HUMAN	Ft	3064778	ROCK1_HUMAN	Ft	33113	gar	2V55	2ACX	2ETK		Sc=6.01515, min distance = 2.181379
GRK6_HUMAN	Ft	444564	PDK2_RAT	Full	33113	gar	3CRL	2ACX	1JM6	0.91	Sc=5.92342, min distance = 2.145039
GRK6_HUMAN	Ft	445479	CSK21_HUMAN	Ft	33113	gar	2PVR	2ACX	3BQC		Sc=6.20406, min distance = 2.505411
GRK6_HUMAN	Ft	445479	CSK2A_MAIZE	Ft	33113	gar	1LP4	2ACX	1F0Q		Sc=6.18286, min distance = 2.594900
GRK6_HUMAN	Ft	448042	ROCK1_HUMAN	Ft	33113	gar	2V55	2ACX	2ETR		Sc=5.93628, min distance = 2.584602
GRK6_HUMAN	Ft	5287844	GSK3B_HUMAN	Ft	33113	gar	1J1B	2ACX	1UV5		Sc=6.26713, min distance = 2.043544
GRK6_HUMAN	Ft	5326637	CSK2A_MAIZE	Ft	33113	gar	1LP4	2ACX	1M2Q		Sc=6.13021, min distance = 2.218154
GRK6_HUMAN	Ft	5326739	GSK3B_HUMAN	Ft	33113	gar	1J1B	2ACX	1Q41		Sc=6.22012, min distance = 2.074251
GRK6_HUMAN	Ft	5326976	CSK2A_MAIZE	Ft	33113	gar	1LP4	2ACX	1ZOE		Sc=5.62316, min distance = 2.057067
GRK6_HUMAN	Ft	60961	PIM1_HUMAN	Fu	33113	gar	1XR1	2ACX	1YI4	0.93	Sc=5.74678, min distance = 2.736384
GRK6_HUMAN	Ft	60961	SKY1_YEAST	Fu	33113	gar	1Q99	2ACX	1Q97	0.93	Sc=6.08088, min distance = 2.522416
GRLF1_HUMAN	I	446248	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3C5H	1IAQ		Sc=6.48362, min distance = 2.187060
GRLF1_HUMAN	I	93082	CDC42_HUMAN	Ft	36735	Gpp	1NF3	3C5H	2ODB	0.99	Sc=6.52893, min distance = 2.186951
GRLF1_HUMAN	I	93082	FTSY_THEAQ	Fu	36735	Gpp	2J7P	3C5H	1RJ9	0.99	Sc=6.53645, min distance = 2.175340
GRLF1_HUMAN	I	93082	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3C5H	121P	0.99	Sc=6.52564, min distance = 2.362669
GRM1_RAT	Ful	10255	GRIK2_RAT	Ful	33032	L-g	1S50	1EWK	1TT1		Sc=6.09058, min distance = 2.144471
GRM1_RAT	Ful	104766	GRM3_RAT	Full	33032	L-g	2E4U	1EWK	2E4X	44.1	Sc=5.96888, min distance = 2.541009
GRM1_RAT	Ful	24820117	GGT_ECOLI	Ful	33032	L-g	2DG5	1EWK	2Z8J		Sc=5.8405, min distance = 1.8886250
GRM1_RAT	Ful	24820118	GGT_ECOLI	Ful	33032	L-g	2DG5	1EWK	2Z8K		Sc=5.71487, min distance = 2.268844
GRM1_RAT	Ful	40539	GRIK2_RAT	Ful	33032	L-g	1S50	1EWK	1S9T		Sc=5.90692, min distance = 1.380554
GRM1_RAT	Ful	440053	GRIA2_RAT	Ful	33032	L-g	2GFE	1EWK	1MQJ		Sc=6.05624, min distance = 1.713182
GRM1_RAT	Ful	445939	PPTA_ECOLI	Fu	23831	HEF	1GYX	1EWK	1GYX		Sc=5.77798, min distance = 2.459902
GRM1_RAT	Ful	5310979	GRM3_RAT	Full	33032	L-g	2E4U	1EWK	2E4V	44.1	Sc=6.10613, min distance = 2.201791
GRM1_RAT	Ful	6604704	GRM3_RAT	Full	33032	L-g	2E4U	1EWK	2E4W	44.1	Sc=5.98116, min distance = 2.516162
GRM3_RAT	Ful	24820116	GGT_ECOLI	Ful	33032	L-g	2DG5	2E4U	2Z8I		Sc=5.72302, min distance = 2.242864
GRM7_RAT	Ful	8200	LMBL1_HUMAN	Ft	78165	MES	1OZ2	2E4Z	2RHI		Sc=5.65339, min distance = 2.303092
GRSA_ANEMI	Ft	166760	PURP_METJA	Fu	6083	aden	2R7M	1AMU	2R7N	0.76	Sc=6.39251, min distance = 2.168980
GRSA_ANEMI	Ft	24752834	SYH_ECOLI	Ful	6083	aden	1HTT	1AMU	2EL9		Sc=6.56957, min distance = 1.092141
GRSA_ANEMI	Ft	2519	PYGM_RABIT	Fu	6083	aden	8GPB	1AMU	1GFZ		Sc=5.88874, min distance = 2.106529
GRSA_ANEMI	Ft	378	APEH_AERPE	Fu	6140	L-ph	2HU5	1AMU	1VE7		Sc=5.93576, min distance = 2.291941
GRSA_ANEMI	Ft	440641	O57693_THETE	I	6083	aden	1UXU	1AMU	1UXR		Sc=5.89046, min distance = 2.511278
GRSA_ANEMI	Ft	445708	NADE_ECOLI	Fu	6083	aden	1WXI	1AMU	1WXE	0.91	Sc=6.3787, min distance = 2.0769374
GRSA_ANEMI	Ft	445736	SYS_PYRHO	Ful	6083	aden	2ZR2	1AMU	2DQ0	0.86	Sc=6.03032, min distance = 1.881908
GRSA_ANEMI	Ft	446757	PPB1_HUMAN	Fu	6140	L-ph	1ZEF	1AMU	1ZED		Sc=6.00004, min distance = 1.347339
GRSA_ANEMI	Ft	447832	ACSA_SALTY	Fu	6083	aden	2P2F	1AMU	1PG4	0.99	Sc=6.46611, min distance = 2.269120
GRSA_ANEMI	Ft	5327121	PIM1_HUMAN	Fu	6083	aden	1YXU	1AMU	2C3I		Sc=6.33275, min distance = 1.466370

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GRSA_ANEMI	F1	5962	L-ly	THER_BACTH	Fu	6140	L-ph	10S0	1AMU	1KEI		Sc=5.72177, min distance = 2.467841
GRSA_ANEMI	F1	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1AMU	1YXX		Sc=6.21548, min distance = 1.793160
GRSA_ANEMI	F1	6305	L-tr	APX_STRGR	Fu	6140	L-ph	1F2P	1AMU	1TF8		Sc=6.15508, min distance = 0.091550
GRSA_ANEMI	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1AMU	1YXV		Sc=5.95108, min distance = 2.438319
GSH1_BRAJU	F1	40539	Qui	GRIA2_RAT	Fu	33032	L-g	2GFE	2GWD	1P1O		Sc=5.82917, min distance = 1.986956
GSH1_BRAJU	F1	449178	gl	GLMS_ECOLI	Fu	33032	L-g	1XFF	2GWD	1XFG	0.81	Sc=5.79116, min distance = 2.531724
GSH1_BRAJU	F1	5310984	2	GRM3_RAT	Full	33032	L-g	2E4U	2GWD	2E4Y		Sc=5.90909, min distance = 2.560026
GSH1_ECOLI	F1	24178104		GLNA_HUMAN	Fu	6022	Aden	2OJW	1VA6	2QC8		Sc=5.86907, min distance = 2.290091
GSH1_ECOLI	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1VA6	2ZGZ	0.79	Sc=5.77928, min distance = 2.236516
GSH1_ECOLI	F1	40539	Qui	GRIK2_RAT	Fu	33032	L-g	1S50	2D32	1S9T		Sc=5.83519, min distance = 2.274411
GSH1_ECOLI	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VA6	1CKP		Sc=5.62862, min distance = 1.897100
GSH1_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1VA6	1ZTF	0.95	Sc=6.2993, min distance = 2.236885
GSH1_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2D32	1XQS	0.97	Sc=5.93435, min distance = 2.645590
GSH1_ECOLI	F1	66535	3'	RNAS1_BOVIN	F1	6022	Aden	100H	1VA6	1RPF		Sc=6.24529, min distance = 2.028419
GSH1_ECOLI	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1VA6	2ZGY	0.8	Sc=5.72988, min distance = 2.227941
GSH1_ECOLI	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1VA6	1DAG	0.99	Sc=5.76275, min distance = 2.003779
GSHB_ECOLI	F1	115260	S-	GSTM2_HUMAN	F1	124886	gl	1XW5	1GSA	2AB6	0.94	Sc=5.94828, min distance = 2.567572
GSHB_ECOLI	F1	16214825		CDK2_HUMAN	Fu	6022	Aden	1GY3	1GSA	2UZE		Sc=6.36147, min distance = 1.799721
GSHB_ECOLI	F1	444104	II	GSTP1_MOUSE	F1	124886	gl	1GSY	1GSA	1GLP	0.9	Sc=5.95563, min distance = 1.984400
GSHB_ECOLI	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	1GSA	1BS1	0.91	Sc=6.45812, min distance = 2.080676
GSHB_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1GSA	1ZTF	0.95	Sc=6.26145, min distance = 2.347867
GSHB_ECOLI	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1GSA	1PXI		Sc=5.80053, min distance = 1.787647
GSHB_ECOLI	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1GSA	3C4W	0.99	Sc=6.06948, min distance = 1.399550
GSHB_ECOLI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1GSA	2R7M	0.99	Sc=5.9157, min distance = 2.577654
GSHB_ECOLI	F1	6132	Cyti	O33839_THEMEA	1	6022	Aden	1XJK	1GSA	1XJN		Sc=5.89105, min distance = 2.020266
GSHB_ECOLI	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1GSA	2DXF	0.8	Sc=6.40603, min distance = 2.220279
GSHB_HUMAN	F1	115260	S-	GSTM2_HUMAN	F1	124886	gl	1XW5	2HGS	2AB6	0.94	Sc=6.41392, min distance = 2.158110
GSHB_HUMAN	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HGS	1H1Q		Sc=6.39222, min distance = 1.752609
GSHB_HUMAN	F1	188966	dZ	HSLU_ECOLI	Fu	6022	Aden	1HQY	2HGS	1G4A	0.98	Sc=6.43349, min distance = 2.189609
GSHB_HUMAN	F1	23653523		CDK2_HUMAN	Fu	6022	Aden	1GY3	2HGS	2R3O		Sc=6.41645, min distance = 2.108690
GSHB_HUMAN	F1	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	2HGS	2R3R		Sc=6.31302, min distance = 2.151682
GSHB_HUMAN	F1	24864081		CDK2_HUMAN	Fu	6022	Aden	1GY3	2HGS	2VTS		Sc=6.38029, min distance = 2.179396
GSHB_HUMAN	F1	444104	II	GSTP1_MOUSE	F1	124886	gl	1GSY	2HGS	1GLP	0.9	Sc=6.42334, min distance = 1.817442
GSHB_HUMAN	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2HGS	1ZTF	0.95	Sc=6.26828, min distance = 2.818389
GSHB_HUMAN	F1	5327096	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HGS	2BTR		Sc=6.15277, min distance = 1.807789
GSHB_HUMAN	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	2HGS	1XQS	0.99	Sc=6.37418, min distance = 2.102609
GSHB_HUMAN	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2HGS	2DXF	0.8	Sc=6.41587, min distance = 2.157636

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GSHB_HUMAN	F1	9547890	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2HGS	1W8C		Sc=6.29075, min distance = 1.80786	
GSHB_HUMAN	F1	9991833	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2HGS	2R3H		Sc=6.14034, min distance = 2.13687	
GSHR_ECOLI	F1	11987634	GLPD_ECOLI	Fu: 444188 CI	2QCU	1GES	2R4E	0.97	Sc=6.1511, min distance = 2.111034	
GSHR_ECOLI	F1	439153	ADH1E_HORSE	F1	5893 nadi	1MGO	1GEU	2JHF	0.79	Sc=6.28412, min distance = 1.94296
GSHR_ECOLI	F1	440141	GSHR_HUMAN	Fu: 5886 NADF	3DJJ	1GET	1GRA		Sc=5.92366, min distance = 2.71686	
GSHR_ECOLI	F1	449465	GSHR_HUMAN	Fu: 5886 NADF	3DJJ	1GET	3GRT	0.82	Sc=6.8696, min distance = 2.182931	
GSHR_HUMAN	F1	11987634	TYTR_TRYCR	Fu: 444188 CI	1BZL	3DK9	1AOG	36.08	0.97	Sc=6.87358, min distance = 2.43930
GSHR_HUMAN	F1	11987634	TYTR_TRYCR	Fu: 444502 CI	1GXF	1BWC	1AOG	36.08	0.95	Sc=6.87578, min distance = 2.41721
GSHR_HUMAN	F1	12389	LTC4S_HUMAN	F1	124886 g1	2PNO	3DK4	2UUI		Sc=5.78556, min distance = 1.00951
GSHR_HUMAN	F1	16740985	FRDA_SHEFR	Fu: 444188 CI	1M64	3DK9	1E39	0.93	Sc=6.43617, min distance = 1.95815	
GSHR_HUMAN	F1	16740985	FRDA_SHEFR	Fu: 444502 CI	1QJD	1BWC	1E39	0.92	Sc=6.87057, min distance = 2.08859	
GSHR_HUMAN	F1	2737071	PTGD2_HUMAN	F1	124886 g1	2CVD	3DK4	2VCZ		Sc=5.76659, min distance = 1.22382
GSHR_HUMAN	F1	444563	FRDA_SHEFR	Fu: 444502 CI	1QJD	1BWC	1P2E	0.98	Sc=6.86673, min distance = 2.13065	
GSHR_HUMAN	F1	444969	FRDA_SHEFR	Fu: 444502 CI	1QJD	1BWC	1JRY	0.98	Sc=6.43135, min distance = 2.14253	
GSHR_HUMAN	F1	446013	O28603_ARCFU	1	444188 CI	1JNR	3DK9	1JNZ	0.94	Sc=6.44388, min distance = 2.07514
GSHR_HUMAN	F1	446013	O28604_ARCFU	1	444188 CI	1JNR	3DK9	1JNZ	0.94	Sc=6.88291, min distance = 2.07324
GSHR_HUMAN	F1	446546	FRDA_SHEFR	Fu: 444502 CI	1QJD	1BWC	1KSS	0.98	Sc=6.87246, min distance = 2.14674	
GSHR_HUMAN	F1	448815	TYTR_CRIFA	Fu: 444188 CI	1FEC	3DK9	1TYP	35.63	0.82	Sc=6.13691, min distance = 1.83048
GSHR_YEAST	F1	11987634	GLPD_ECOLI	Fu: 444188 CI	2QCU	2HQM	2R4E	0.97	Sc=6.44042, min distance = 2.00290	
GSHR_YEAST	F1	448815	TYTR_CRIFA	Fu: 444188 CI	1FEC	2HQM	1TYP	0.82	Sc=6.26513, min distance = 2.19458	
GSK3B_HUMAN	1	10109823	PIM1_HUMAN	Fu: 444345 1c	1YHS	1Q3D	3CY3	32.04	Sc=6.15903, min distance = 2.93865	
GSK3B_HUMAN	1	10125830	CHK1_HUMAN	Fu: 444345 1c	1NVR	1Q3D	2AYP	30.65	Sc=6.3425, min distance = 2.162234	
GSK3B_HUMAN	1	10224714	CDK2_HUMAN	Fu: 444345 1c	1AQ1	1Q3D	3DDP	35.44	Sc=6.32453, min distance = 2.21507	
GSK3B_HUMAN	1	10224714	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	3DDP	35.44	Sc=6.48837, min distance = 1.72095	
GSK3B_HUMAN	1	11957417	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	2I40	35.44	Sc=6.28325, min distance = 2.45399	
GSK3B_HUMAN	1	11963557	STK6_HUMAN	Fu: 6022 Aden	1MQ4	1J1C	2J4Z	37.24	Sc=6.45923, min distance = 2.03500	
GSK3B_HUMAN	1	15942671	FAK1_CHICK	Fu: 33113 gar	2J0L	1J1B	2J0J	28.87	Sc=6.34222, min distance = 2.06918	
GSK3B_HUMAN	1	160355	CDK2_HUMAN	Fu: 444345 1c	1AQ1	1Q3D	3DDQ	35.44	Sc=6.0801, min distance = 2.331885	
GSK3B_HUMAN	1	160355	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	3DDQ	35.44	Sc=6.33171, min distance = 1.54402	
GSK3B_HUMAN	1	16040259	EGFR_HUMAN	Fu: 33113 gar	2ITN	1J1B	2ITQ	29.56	Sc=6.36357, min distance = 2.07448	
GSK3B_HUMAN	1	16040273	IRAK4_HUMAN	F1	33113 gar	2OID	1J1B	2OIC	33.68	Sc=6.41256, min distance = 0.95015
GSK3B_HUMAN	1	16046126	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	2DS1	35.44	Sc=6.32971, min distance = 2.63583	
GSK3B_HUMAN	1	16122608	PDPK1_HUMAN	F1	444345 1c	1OKY	1Q3D	2PE1	29.03	Sc=6.21665, min distance = 2.54780
GSK3B_HUMAN	1	16214823	CDK2_HUMAN	Fu: 444345 1c	1AQ1	1Q3D	2UZZ	35.44	Sc=5.95249, min distance = 2.97856	
GSK3B_HUMAN	1	16214823	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	2UZZ	35.44	Sc=6.13953, min distance = 2.03010	
GSK3B_HUMAN	1	16214825	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	2UZE	35.44	Sc=6.2772, min distance = 2.152169	
GSK3B_HUMAN	1	16214826	CDK2_HUMAN	Fu: 6022 Aden	1GY3	1J1C	2UZZ	35.44	Sc=6.1579, min distance = 2.195730	

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GSK3B_HUMAN	1	176870	Ex	EGFR_HUMAN	Fu	33113	gar	2ITN	1J1B	1M17	29.56	Sc=6.03246, min distance = 1.998312
GSK3B_HUMAN	1	193758	Va	CDGT2_BACCI	Fu	23831	HEF	1OT1	1H8F	1DTU		Sc=5.66724, min distance = 1.522495
GSK3B_HUMAN	1	23653515		CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	2R3F	35.44	Sc=5.78808, min distance = 3.199758
GSK3B_HUMAN	1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3F	35.44	Sc=5.96764, min distance = 2.657880
GSK3B_HUMAN	1	23653516		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3G	35.44	Sc=6.13462, min distance = 2.442785
GSK3B_HUMAN	1	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3J	35.44	Sc=6.11904, min distance = 2.562127
GSK3B_HUMAN	1	23653519		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3K	35.44	Sc=6.22132, min distance = 2.566664
GSK3B_HUMAN	1	23653520		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3L	35.44	Sc=6.23132, min distance = 2.565022
GSK3B_HUMAN	1	23653521		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3M	35.44	Sc=6.37802, min distance = 2.395787
GSK3B_HUMAN	1	23653522		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3N	35.44	Sc=6.20681, min distance = 2.053394
GSK3B_HUMAN	1	23653524		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3P	35.44	Sc=6.19212, min distance = 2.480089
GSK3B_HUMAN	1	23727982		CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	3BHU	35.44	Sc=6.1766, min distance = 2.6141482
GSK3B_HUMAN	1	24779675		CSK2A_MAIZE	Fu	33113	gar	1LP4	1J1B	2PVJ	33.23	Sc=6.2904, min distance = 2.0177836
GSK3B_HUMAN	1	24779678		CSK2A_MAIZE	Fu	33113	gar	1LP4	1J1B	2PVM	33.23	Sc=6.40702, min distance = 2.274078
GSK3B_HUMAN	1	24851689		PIM1_HUMAN	Fu	444345	1c	1YHS	1Q3D	3CY2	32.04	Sc=6.11051, min distance = 2.353395
GSK3B_HUMAN	1	24864081		CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2VTS	35.44	Sc=6.23292, min distance = 2.540226
GSK3B_HUMAN	1	24916751		CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	3DOG	35.44	Sc=6.07475, min distance = 2.305549
GSK3B_HUMAN	1	24963048		AKT2_HUMAN	Fu	33113	gar	1O6L	1J1B	3E87	28.62	Sc=6.44914, min distance = 2.061305
GSK3B_HUMAN	1	3064778	H	ROCK1_HUMAN	Fu	33113	gar	2V55	1J1B	2ETK	30.47	Sc=6.06399, min distance = 2.152612
GSK3B_HUMAN	1	3543	1g5s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	1G5S	35.44	Sc=6.18188, min distance = 2.696759
GSK3B_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu	444345	1c	1STC	1Q3D	1Q8W	31.63	Sc=5.80927, min distance = 2.767225
GSK3B_HUMAN	1	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	1J1B	2ESM	30.47	Sc=5.90464, min distance = 2.267487
GSK3B_HUMAN	1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1J1C	2ZGZ	0.79	Sc=5.73554, min distance = 0.941582
GSK3B_HUMAN	1	3973	nche	PIM1_HUMAN	Fu	444345	1c	1YHS	1Q3D	1YI3	32.04	Sc=5.79238, min distance = 2.381449
GSK3B_HUMAN	1	4369136	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	1DM2	35.44	Sc=6.10515, min distance = 2.936674
GSK3B_HUMAN	1	444367	CI	CSK2A_MAIZE	Fu	33113	gar	1LP4	1J1B	1OM1	33.23	Sc=6.12927, min distance = 2.097167
GSK3B_HUMAN	1	444564	AI	PDK2_RAT	Full	33113	gar	3CRL	1J1B	1JM6	0.91	Sc=5.93102, min distance = 2.292095
GSK3B_HUMAN	1	447656	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	1OII	35.44	Sc=6.2232, min distance = 1.6765205
GSK3B_HUMAN	1	447962	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2C5N	35.44	Sc=6.27352, min distance = 1.367009
GSK3B_HUMAN	1	448043	2g	ROCK1_HUMAN	Fu	33113	gar	2V55	1J1B	3D9V	30.47	Sc=5.97728, min distance = 2.128720
GSK3B_HUMAN	1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	1J1C	1QY5	0.81	Sc=6.27316, min distance = 2.059012
GSK3B_HUMAN	1	448293	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	1R78	35.44	Sc=6.42396, min distance = 2.280305
GSK3B_HUMAN	1	449087	1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	1VYW	35.44	Sc=6.28261, min distance = 2.479437
GSK3B_HUMAN	1	449240	1y	KAPCA_BOVIN	Fu	444345	1c	1STC	1Q3D	1YDR	31.63	Sc=5.81592, min distance = 2.623058
GSK3B_HUMAN	1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	1H1R	35.44	Sc=5.8443, min distance = 2.7104820
GSK3B_HUMAN	1	51	2-Oxof	SERA_ECOLI	Fu	311	citri	2P9E	1R0E	1YBA	0.76	Sc=5.76959, min distance = 0.509198
GSK3B_HUMAN	1	5288016	6	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	2B53	35.44	Sc=5.69888, min distance = 2.954066

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GSK3B_HUMAN	1	5288711	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	1KE8	35.44	Sc=6.14228, min distance = 2.660776
GSK3B_HUMAN	1	5326843	A	CDK5_HUMAN	Fu	5326739	i	1UNH	1Q41	1UNG	36.09	Sc=6.06378, min distance = 2.779334
GSK3B_HUMAN	1	5327087	3	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2BPM	35.44	Sc=6.42195, min distance = 2.186544
GSK3B_HUMAN	1	5327096	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2BTR	35.44	Sc=6.11125, min distance = 2.336180
GSK3B_HUMAN	1	5327122	C	CHK1_HUMAN	Fu	444345	1c	1NVR	1Q3D	2C3K	30.65	Sc=6.44892, min distance = 2.291210
GSK3B_HUMAN	1	5327130	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2C68	35.44	Sc=6.13326, min distance = 2.591417
GSK3B_HUMAN	1	5327131	T	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2C69	35.44	Sc=6.11934, min distance = 2.384450
GSK3B_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1J1B	2ERZ		Sc=6.12677, min distance = 1.988966
GSK3B_HUMAN	1	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	1J1C	1Q12	0.99	Sc=5.62864, min distance = 1.507926
GSK3B_HUMAN	1	5957	Ader	Q72H90_THET2	1	6022	Aden	2BEJ	1J1C	2BEK	0.99	Sc=5.67253, min distance = 2.098027
GSK3B_HUMAN	1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1J1C	3C4W	0.99	Sc=6.36414, min distance = 2.267462
GSK3B_HUMAN	1	5962	L-ly	RBCMT_PEA	Ful	23831	HEF	1MLV	1H8F	2H2E		Sc=5.61263, min distance = 0.969536
GSK3B_HUMAN	1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1J1C	2R7M	0.99	Sc=5.90824, min distance = 2.656399
GSK3B_HUMAN	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1J1C	1FMO	0.95	Sc=6.10946, min distance = 2.418842
GSK3B_HUMAN	1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1J1B	1Q97	31.32	0.93 Sc=6.11902, min distance = 2.327059
GSK3B_HUMAN	1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1J1C	1Q97	31.32	0.95 Sc=6.09968, min distance = 2.765726
GSK3B_HUMAN	1	6420139	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	2C5V	35.44	Sc=5.98509, min distance = 2.815229
GSK3B_HUMAN	1	6420139	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2C5V	35.44	Sc=6.30541, min distance = 1.161260
GSK3B_HUMAN	1	657072	RY	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2BHH	35.44	Sc=6.43748, min distance = 2.152520
GSK3B_HUMAN	1	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1J1C	2DXF	0.8	Sc=5.84279, min distance = 2.070734
GSK3B_HUMAN	1	6914614	p	IPKA_RABIT	Fu	6022	Aden	1JBP	1J1C	2F7Z		Sc=6.37778, min distance = 2.664278
GSK3B_HUMAN	1	6918852	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	2FVD	35.44	Sc=6.21168, min distance = 2.256219
GSK3B_HUMAN	1	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	1R0E	1H0J		Sc=5.71307, min distance = 1.297820
GSK3B_HUMAN	1	8977	1dar	NDK_THET8	Ful	6022	Aden	1WKL	1J1C	1WKK	0.8	Sc=5.93592, min distance = 2.145512
GSK3B_HUMAN	1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1J1C	2ZGY	0.8	Sc=5.62153, min distance = 2.144719
GSK3B_HUMAN	1	91532	AME	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1J1C	2AFK	0.99	Sc=6.44506, min distance = 1.642187
GSK3B_HUMAN	1	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	1J1B	1KJI	0.99	Sc=5.96474, min distance = 2.260977
GSK3B_HUMAN	1	9547890	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	1W8C	35.44	Sc=5.88381, min distance = 3.372310
GSK3B_HUMAN	1	9817550	V	CDK2_HUMAN	Fu	444345	1c	1AQ1	1Q3D	3BHV	35.44	Sc=6.31421, min distance = 2.601326
GSK3B_HUMAN	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1J1C	2R3H	35.44	Sc=6.11262, min distance = 1.869238
GSPE_VIBCH	Fu	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	1P9W	2OXD		Sc=5.67353, min distance = 2.424219
GSPE_VIBCH	Fu	456214	pu	SRC_HUMAN	Ful	33113	gar	2SRC	1P9W	1YOM		Sc=6.47354, min distance = 2.262540
GSP_ECOLI	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	2IO7	1G4A	0.97	Sc=6.45297, min distance = 1.982379
GSP_ECOLI	Fu	36735	Gpp	CSK2A_MAIZE	Fu	33113	gar	1LP4	2IO7	1DAY	0.8	Sc=6.54685, min distance = 2.178050
GSP_ECOLI	Fu	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2IO8	1BS1	0.91	Sc=6.48196, min distance = 2.280344
GSP_ECOLI	Fu	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IO8	1CKP		Sc=5.64864, min distance = 2.124308
GSP_ECOLI	Fu	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IO8	1OIT		Sc=6.40529, min distance = 2.018979

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GSP_ECOLI Fu: 447916 ad	RIO1_ARCFU Fu: 6022 Aden	1ZTH	2IO8	1ZTF	0.95	Sc=6.30512, min distance = 2.301401	
GSP_ECOLI Fu: 447955 1p	CDK2_HUMAN Fu: 6022 Aden	1GY3	2IO8	1PXI		Sc=5.83423, min distance = 2.009181	
GSP_ECOLI Fu: 448043 2c	ROCK1_HUMAN Fu: 33113 gar	2V55	2IO7	3D9V		Sc=6.07344, min distance = 2.015324	
GSP_ECOLI Fu: 5327148 C	IPKA_RABIT Fu: 33113 gar	1CDK	2IO7	2ERZ		Sc=6.25379, min distance = 2.462511	
GSP_ECOLI Fu: 5327148 C	IPKA_RABIT Fu: 6022 Aden	1JBP	2IO8	2ERZ		Sc=6.23397, min distance = 2.519874	
GSP_ECOLI Fu: 5957 Ader	DDL_THET8 Ful: 6022 Aden	2ZDH	2IO8	2ZDQ	0.99	Sc=6.53177, min distance = 2.175574	
GSP_ECOLI Fu: 6083 ader	PURP_METJA Fu: 6022 Aden	2R7N	2IO8	2R7M	0.99	Sc=6.41863, min distance = 2.594590	
GSP_ECOLI Fu: 60961 ade	PIM1_HUMAN Fu: 33113 gar	1XR1	2IO7	1YI4	0.93	Sc=6.3523, min distance = 1.9790285	
GSP_ECOLI Fu: 60961 ade	SKY1_YEAST Fu: 33113 gar	1Q99	2IO7	1Q97	0.93	Sc=6.34569, min distance = 2.183988	
GSP_ECOLI Fu: 6852187 2	O57883_PYRHO l	6022 Aden	1WNL	2DTH	0.89	Sc=6.18799, min distance = 1.380968	
GSP_ECOLI Fu: 91532 AME	PURT_ECOLI Fu: 33113 gar	1EYZ	2IO7	1KJI	0.99	Sc=6.55722, min distance = 1.924440	
GSP_ECOLI Fu: 9547890 I	CDK2_HUMAN Fu: 6022 Aden	1GY3	2IO8	1W8C		Sc=6.37599, min distance = 1.925251	
GST1D_ANOGA l 124886 gl	GSTA3_CHICK F1	97536 Hex	1VF2	1PN9	1VF1	0.9	Sc=5.82322, min distance = 2.127311
GST1D_ANOGA l 445707 s-	GSTA1_HUMAN F1	97536 Hex	1K3Y	1PN9	1GUH		Sc=6.0748, min distance = 2.1979105
GST1D_ANOGA l 449366 3c	GSTP1_HUMAN F1	97536 Hex	1PGT	1PN9	2PGT		Sc=6.18961, min distance = 2.181576
GST26_SCHJA l 115260 S-	GSTM2_HUMAN F1	124886 gl	1XW5	1DUG	2AB6	44.81 0.94	Sc=5.85654, min distance = 2.240854
GST26_SCHJA l 444758 CI	GSTM2_CHICK F1	97536 Hex	1GSU	1M9A	1C72	43.9	Sc=5.74494, min distance = 1.604005
GST26_SCHJA l 449471 GG	GSTT2_HUMAN F1	124886 gl	1LJR	1DUG	3LJR		Sc=6.15115, min distance = 2.213478
GST26_SCHJA l 5288475 C	GSTM2_HUMAN F1	124886 gl	1XW5	1DUG	2C4J	44.81	Sc=5.75299, min distance = 2.421757
GST27_FASHE l 443115 S-	GST26_SCHJA F1	445616 gl	1GNE	1FHE	1U88	0.87	Sc=5.69112, min distance = 2.457491
GST28_SCHBO l 124886 gl	GSTA3_CHICK F1	97536 Hex	1VF2	2C80	1VF1	25 0.9	Sc=6.34357, min distance = 2.028898
GST28_SCHBO l 445707 s-	GSTA1_HUMAN F1	97536 Hex	1K3Y	2C80	1GUH	29.56	Sc=6.56945, min distance = 2.017971
GST28_SCHBO l 6128 andr	GSTA2_HUMAN F1	97536 Hex	1AGS	2C80	2VCT		Sc=5.98987, min distance = 2.381385
GST28_SCHHA l 115260 S-	GSTM2_HUMAN F1	124886 gl	1XW5	1OE8	2AB6	0.94	Sc=6.36853, min distance = 1.935964
GST28_SCHHA l 444104 II	GSTP1_MOUSE F1	124886 gl	1GSY	1OE8	1GLP	0.9	Sc=5.92437, min distance = 2.134187
GST28_SCHHA l 449471 GG	GSTT2_HUMAN F1	124886 gl	1LJR	1OE8	3LJR		Sc=6.20368, min distance = 1.986781
GST28_SCHHA l 5288475 C	GSTM2_HUMAN F1	124886 gl	1XW5	1OE8	2C4J		Sc=6.13873, min distance = 1.735626
GST28_SCHHA l 97535 CCF	GSTA3_CHICK F1	124886 gl	1VF1	1OE8	1VF3		Sc=6.16263, min distance = 2.198586
GST28_SCHHA l 97536 Hex	GSTP1_MOUSE F1	124886 gl	1GSY	1OE8	2GLR	0.9	Sc=6.08447, min distance = 1.976211
GST28_SCHHA l 97536 Hex	GSTP_ONCVO Fu:	124886 gl	1TU7	1OE8	1TU8	0.9	Sc=6.07016, min distance = 2.386561
GST28_SCHHA l 97536 Hex	URE2_YEAST Fu:	124886 gl	1K0D	1OE8	1K0A	0.9	Sc=6.47814, min distance = 2.503202
GST5_CAEEL F1 24764436	PTGD2_HUMAN F1	124886 gl	2CVD	1ZL9	2VCQ		Sc=6.05532, min distance = 1.462492
GST5_CAEEL F1 444104 II	GSTP1_MOUSE F1	124886 gl	1GSY	1ZL9	1GLP	0.9	Sc=5.85636, min distance = 2.035810
GST5_CAEEL F1 5288478 C	GSTM1_HUMAN F1	124886 gl	1XW6	1ZL9	2F3M		Sc=6.13594, min distance = 1.497001
GST5_CAEEL F1 97536 Hex	GSTP1_MOUSE F1	124886 gl	1GSY	1ZL9	2GLR	0.9	Sc=6.01764, min distance = 1.992498
GST5_CAEEL F1 97538 s-	GSTP1_MOUSE F1	124886 gl	1GSY	1ZL9	1GLQ		Sc=5.77835, min distance = 2.093039
GSTA1_HUMAN l 444104 II	GST26_SCHJA F1	97536 Hex	1M9A	1K3Y	1M99	30.93 0.84	Sc=6.34967, min distance = 2.433075

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GSTA1_HUMAN	1	445616	gl	GST26_SCHJA	F	97536	Hex	1M9A	1K3Y	1GNE	30.93	0.9	Sc=6.30011, min distance = 2.17299
GSTA1_HUMAN	1	447108	CI	GST26_SCHJA	F	97536	Hex	1M9A	1K3Y	1M9B	30.93		Sc=6.5325, min distance = 2.207851
GSTA1_HUMAN	1	6128	andr	GSTA2_HUMAN	F	97536	Hex	1AGS	1K3Y	2VCT			Sc=5.93296, min distance = 2.00995
GSTA1_MOUSE	1	115260	S-	GSTM2_HUMAN	F	124886	gl	1XW5	1F3A	2AB6	30.92	0.94	Sc=6.36108, min distance = 1.87817
GSTA1_MOUSE	1	24764436		PTGD2_HUMAN	F	124886	gl	2CVD	1F3A	2VCQ	26.63		Sc=5.99255, min distance = 1.76761
GSTA1_MOUSE	1	2763788	F	PTGD2_HUMAN	F	124886	gl	2CVD	1F3A	2VCX	26.63		Sc=6.00081, min distance = 1.99793
GSTA1_MOUSE	1	444104	II	GST26_SCHJA	F	124886	gl	1DUG	1F3A	1M99	30.19	0.9	Sc=5.87966, min distance = 2.34558
GSTA1_MOUSE	1	444104	II	GSTP1_MOUSE	F	124886	gl	1GSY	1F3A	1GLP	29.95	0.9	Sc=6.28441, min distance = 2.88165
GSTA1_MOUSE	1	449471	GC	GSTT2_HUMAN	F	124886	gl	1LJR	1F3A	3LJR			Sc=6.14754, min distance = 2.20308
GSTA1_MOUSE	1	5288475	C	GSTM2_HUMAN	F	124886	gl	1XW5	1F3A	2C4J	30.92		Sc=6.09, min distance = 2.52570188
GSTA1_MOUSE	1	97536	Hex	GSTP1_HUMAN	F	445495	CI	3PGT	1F3B	1PGT	31.41		Sc=6.04819, min distance = 1.95976
GSTA1_MOUSE	1	97536	Hex	GSTP1_MOUSE	F	124886	gl	1GSY	1F3A	2GLR	29.95	0.9	Sc=6.46768, min distance = 2.44353
GSTA1_MOUSE	1	97538	s-	GSTP1_MOUSE	F	124886	gl	1GSY	1F3A	1GLQ	29.95		Sc=6.06512, min distance = 2.65263
GSTA1_RAT	Fu:	97538	s-	GSTP1_MOUSE	F	444104	II	1GLP	1EV4	1GLQ			Sc=6.62399, min distance = 1.54601
GSTA2_MOUSE	1	97536	Hex	GSTP1_HUMAN	F	445495	CI	3PGT	1ML6	1PGT			Sc=6.47727, min distance = 2.08768
GSTA3_CHICK	1	443115	S-	GST26_SCHJA	F	124886	gl	1DUG	1VF1	1U88	31.5	0.87	Sc=6.05672, min distance = 2.02018
GSTA3_CHICK	1	444104	II	GST26_SCHJA	F	124886	gl	1DUG	1VF1	1M99	31.5	0.9	Sc=6.35296, min distance = 0.50620
GSTA3_CHICK	1	444104	II	GST26_SCHJA	F	97536	Hex	1M9A	1VF2	1M99	31.5	0.84	Sc=6.32743, min distance = 1.91025
GSTA3_CHICK	1	444104	II	GSTP1_MOUSE	F	124886	gl	1GSY	1VF1	1GLP	32.2	0.9	Sc=5.84034, min distance = 2.84361
GSTA3_CHICK	1	5288475	C	GSTM2_HUMAN	F	124886	gl	1XW5	1VF1	2C4J	25.6		Sc=6.12968, min distance = 1.19699
GSTA3_HUMAN	1	115260	S-	GSTM2_HUMAN	F	124886	gl	1XW5	1TDI	2AB6		0.94	Sc=6.30717, min distance = 2.50704
GSTA3_HUMAN	1	12389	Tet	LTC4S_HUMAN	F	124886	gl	2PNO	1TDI	2UUI			Sc=6.09142, min distance = 0.81250
GSTA3_HUMAN	1	24139	ace	LYSC_HUMAN	Fu:	124886	gl	1HNL	1TDI	1LZR			Sc=5.95797, min distance = 2.24620
GSTA3_HUMAN	1	444104	II	GST26_SCHJA	F	124886	gl	1DUG	1TDI	1M99		0.9	Sc=6.42203, min distance = 0.49531
GSTA3_HUMAN	1	444104	II	GSTP1_MOUSE	F	124886	gl	1GSY	1TDI	1GLP		0.9	Sc=6.44525, min distance = 0.93646
GSTA3_HUMAN	1	5288475	C	GSTM2_HUMAN	F	124886	gl	1XW5	1TDI	2C4J			Sc=6.07179, min distance = 1.89253
GSTA3_HUMAN	1	5757	estr	DHB1_HUMAN	Fu:	6128	andr	1QYX	2VCV	1FDS			Sc=5.89231, min distance = 2.29071
GSTA3_HUMAN	1	97538	s-	URE2_YEAST	Fu:	124886	gl	1K0D	1TDI	1K0C			Sc=6.01147, min distance = 2.61571
GSTA4_MOUSE	1	2737071	Z	PTGD2_HUMAN	F	124886	gl	2CVD	1B48	2VCZ			Sc=6.04399, min distance = 2.16678
GSTA4_MOUSE	1	444104	II	GSTP1_MOUSE	F	124886	gl	1GSY	1B48	1GLP		0.9	Sc=5.82976, min distance = 1.94807
GSTA4_MOUSE	1	5288475	C	GSTM2_HUMAN	F	124886	gl	1XW5	1B48	2C4J			Sc=6.16733, min distance = 1.38402
GSTA_BPT4	Fu:	6022	Ader	O33839_THEMEA	I	6031	Urid	1XJG	1XV5	1XJK			Sc=6.47291, min distance = 1.94553
GSTA_BPT4	Fu:	6030	Urid	GLMU_HAEIN	Fu:	6031	Urid	2V0K	1XV5	2V0J		0.99	Sc=6.28244, min distance = 2.02720
GSTA_BPT4	Fu:	6030	Urid	PYRH_ECOLI	Fu:	6031	Urid	2BND	1XV5	2BNE		0.99	Sc=6.30651, min distance = 1.82562
GSTB_BPT4	Fu:	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	1JG7	2PZL		0.99	Sc=6.17743, min distance = 2.23741
GSTB_BPT4	Fu:	6030	Urid	PYRH_ECOLI	Fu:	6031	Urid	2BND	1JG7	2BNE		0.99	Sc=6.20731, min distance = 2.26879
GSTB_BPT4	Fu:	6131	cyt	KCY_DICDI	Ful:	6031	Urid	4UKD	1JG7	1QF9		0.82	Sc=6.21298, min distance = 2.19984

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GSTB_BPT4	Fu: 6132	Cyti	ECX1_PYRAB	Fu: 6031	Urid	2PNZ	1JG7	2PO2	0.83	Sc=6.27083, min distance = 2.289759	
GSTK1_RAT	Fu: 115260	S-	GSTM2_HUMAN	Fu: 124886	gl	1XW5	1R4W	2AB6	0.94	Sc=5.89923, min distance = 2.163409	
GSTK1_RAT	Fu: 444104	II	GSTP1_MOUSE	Fu: 124886	gl	1GSY	1R4W	1GLP	0.9	Sc=6.37947, min distance = 0.868594	
GSTK1_RAT	Fu: 97536	Hex	GSTP1_MOUSE	Fu: 124886	gl	1GSY	1R4W	2GLR	0.9	Sc=6.52783, min distance = 0.980759	
GSTK1_RAT	Fu: 97536	Hex	URE2_YEAST	Fu: 124886	gl	1K0D	1R4W	1K0A	0.9	Sc=6.51381, min distance = 2.061299	
GSTM1_HUMAN	I: 12389	Tet	LTC4S_HUMAN	Fu: 124886	gl	2PNO	1XW6	2UUI		Sc=5.72539, min distance = 1.506867	
GSTM1_HUMAN	I: 443115	S-	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW6	1U88	42.93	0.87 Sc=6.44696, min distance = 2.024739	
GSTM1_HUMAN	I: 444104	II	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW6	1M99	42.93	0.9 Sc=5.8653, min distance = 2.202782	
GSTM1_HUMAN	I: 447108	CI	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW6	1M9B	42.93		Sc=6.06841, min distance = 2.642106
GSTM1_HUMAN	I: 97536	Hex	GSTP_ONCVO	Fu: 124886	gl	1TU7	1XW6	1TU8		0.9 Sc=6.49111, min distance = 1.862959	
GSTM1_RAT	Fu: 115260	S-	GSTM2_HUMAN	Fu: 124886	gl	1XW5	6GST	2AB6	76.96	0.94 Sc=6.40224, min distance = 1.919309	
GSTM1_RAT	Fu: 443115	S-	GST26_SCHJA	Fu: 124886	gl	1DUG	6GST	1U88	44.88	0.87 Sc=6.47739, min distance = 2.250699	
GSTM1_RAT	Fu: 444104	II	GST26_SCHJA	Fu: 124886	gl	1DUG	6GST	1M99	44.88	0.9 Sc=5.88645, min distance = 2.214839	
GSTM1_RAT	Fu: 444104	II	GSTP1_MOUSE	Fu: 124886	gl	1GSY	6GST	1GLP	35	0.9 Sc=6.33093, min distance = 2.206520	
GSTM1_RAT	Fu: 5288475	C	GSTM2_HUMAN	Fu: 124886	gl	1XW5	6GST	2C4J	76.96		Sc=6.26121, min distance = 1.752284
GSTM1_RAT	Fu: 5288478	C	GSTM1_HUMAN	Fu: 124886	gl	1XW6	6GST	2F3M	79.72		Sc=6.15114, min distance = 1.746984
GSTM1_RAT	Fu: 97536	Hex	GSTA3_CHICK	Fu: 124886	gl	1VF1	6GST	1VF2		0.9 Sc=5.99849, min distance = 2.179599	
GSTM1_RAT	Fu: 97536	Hex	GSTA3_CHICK	Fu: 97535	CCR	1VF3	5GST	1VF2			Sc=6.06042, min distance = 2.123689
GSTM1_RAT	Fu: 97536	Hex	GSTP1_MOUSE	Fu: 124886	gl	1GSY	6GST	2GLR	35	0.9 Sc=6.50752, min distance = 1.875159	
GSTM1_RAT	Fu: 97536	Hex	GSTP_ONCVO	Fu: 124886	gl	1TU7	6GST	1TU8		0.9 Sc=6.51157, min distance = 1.747359	
GSTM2_CHICK	I: 445616	gl	GST28_SCHBO	Fu: 97536	Hex	2C80	1GSU	2CAQ	30.18	0.9 Sc=5.81507, min distance = 2.454249	
GSTM2_CHICK	I: 6128	and	GSTA2_HUMAN	Fu: 97536	Hex	1AGS	1GSU	2VCT			Sc=6.07501, min distance = 1.346369
GSTM2_HUMAN	I: 12389	Tet	LTC4S_HUMAN	Fu: 124886	gl	2PNO	1XW5	2UUI			Sc=5.74711, min distance = 0.195604
GSTM2_HUMAN	I: 443115	S-	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW5	1U88	44.81	0.87 Sc=6.16262, min distance = 2.345579	
GSTM2_HUMAN	I: 444104	II	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW5	1M99	44.81	0.9 Sc=5.89335, min distance = 2.337879	
GSTM2_HUMAN	I: 444104	II	GSTP1_MOUSE	Fu: 124886	gl	1GSY	1XW5	1GLP	32.7	0.9 Sc=6.28044, min distance = 2.166359	
GSTM2_HUMAN	I: 447108	CI	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW5	1M9B	44.81		Sc=6.06943, min distance = 2.484960
GSTM2_HUMAN	I: 97535	CCF	GSTA3_CHICK	Fu: 124886	gl	1VF1	1XW5	1VF3	25.6		Sc=5.8161, min distance = 2.1059050
GSTM2_HUMAN	I: 97536	Hex	GST26_SCHJA	Fu: 124886	gl	1DUG	1XW5	1M9A	44.81	0.9 Sc=6.07506, min distance = 2.451689	
GSTM2_HUMAN	I: 97536	Hex	GSTP_ONCVO	Fu: 124886	gl	1TU7	1XW5	1TU8		0.9 Sc=6.52265, min distance = 1.462267	
GSTM2_RAT	Fu: 124886	gl	GSTM1_RAT	Fu: 444461	2g	2GST	1B4P	6GST			Sc=5.82714, min distance = 2.454529
GSTO1_HUMAN	I: 97536	Hex	GSTP_ONCVO	Fu: 124886	gl	1TU7	1EEM	1TU8		0.9 Sc=6.0866, min distance = 1.9496339	
GSTP1_HUMAN	I: 125409	be	XYNA_BACSU	Fu: 23831	HEP	2B45	1PGT	2QZ3			Sc=5.6567, min distance = 0.3923649
GSTP1_HUMAN	I: 5962	L-ly	RBCMT_PEA	Fu: 23831	HEP	1MLV	1PGT	2H2E			Sc=5.70923, min distance = 1.080009
GSTP1_HUMAN	I: 82313	1rc	LYSC_CHICK	Fu: 23831	HEP	2HUB	1PGT	1LSZ			Sc=5.99738, min distance = 2.320149
GSTP1_HUMAN	I: 97538	s-	URE2_YEAST	Fu: 97536	Hex	1K0A	1PGT	1K0C			Sc=6.17459, min distance = 1.324870
GSTP1_MOUSE	I: 115260	S-	GSTM2_HUMAN	Fu: 124886	gl	1XW5	1GSY	2AB6	32.7	0.94 Sc=6.33183, min distance = 2.396509	

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GSTP1_MOUSE	1	444352	GT	GSTM1_RAT	Fu	124886	g1	6GST	1GSY	4GST	35	Sc=5.89382, min distance = 2.245562
GSTP1_MOUSE	1	449471	GC	GSTT2_HUMAN	Fu	124886	g1	1LJR	1GSY	3LJR		Sc=6.29815, min distance = 2.266688
GSTP1_MOUSE	1	5288475	C	GSTM2_HUMAN	Fu	124886	g1	1XW5	1GSY	2C4J	32.7	Sc=6.12065, min distance = 2.246219
GSTP1_MOUSE	1	97535	CCF	GSTM1_RAT	Fu	124886	g1	6GST	1GSY	5GST	35	Sc=6.11138, min distance = 2.029971
GSTP_ONCVO	Fu	115260	S-	GSTM2_HUMAN	Fu	124886	g1	1XW5	1TU7	2AB6	0.94	Sc=6.4546, min distance = 0.7663021
GSTP_ONCVO	Fu	444104	II	GSTP1_MOUSE	Fu	124886	g1	1GSY	1TU7	1GLP	0.9	Sc=5.87117, min distance = 2.401907
GSTP_ONCVO	Fu	449471	GC	GSTT2_HUMAN	Fu	124886	g1	1LJR	1TU7	3LJR		Sc=6.17791, min distance = 1.956376
GSTP_ONCVO	Fu	5288475	C	GSTM2_HUMAN	Fu	124886	g1	1XW5	1TU7	2C4J		Sc=6.20525, min distance = 0.744279
GSTP_ONCVO	Fu	6128	andr	GSTA2_HUMAN	Fu	97536	Hex	1AGS	1TU8	2VCT		Sc=6.023, min distance = 1.69556686
GSTP_ONCVO	Fu	97538	s-	GSTP1_MOUSE	Fu	124886	g1	1GSY	1TU7	1GLQ		Sc=6.10061, min distance = 2.587672
GSTT1_HUMAN	1	124886	g1	GSTP1_MOUSE	Fu	97536	Hex	2GLR	2C3Q	1GSY	0.9	Sc=6.34047, min distance = 2.408147
GSTT2_HUMAN	1	115260	S-	GSTM2_HUMAN	Fu	124886	g1	1XW5	1LJR	2AB6	0.94	Sc=6.00265, min distance = 2.099066
GSTT2_HUMAN	1	444104	II	GSTP1_MOUSE	Fu	124886	g1	1GSY	1LJR	1GLP	0.9	Sc=5.93955, min distance = 2.171689
GSTT2_HUMAN	1	97536	Hex	GSTP1_MOUSE	Fu	124886	g1	1GSY	1LJR	2GLR	0.9	Sc=6.13958, min distance = 2.155357
GSTT2_HUMAN	1	97538	s-	GSTP1_MOUSE	Fu	124886	g1	1GSY	1LJR	1GLQ		Sc=6.56273, min distance = 1.738354
GSTU1_ORYSJ	1	115260	S-	GSTM2_HUMAN	Fu	124886	g1	1XW5	1OYJ	2AB6	0.94	Sc=5.89115, min distance = 2.246412
GSTU1_ORYSJ	1	97536	Hex	URE2_YEAST	Fu	124886	g1	1K0D	1OYJ	1K0A	0.9	Sc=6.49386, min distance = 2.638231
GST_ECOLI	Fu	97538	s-	GSTP1_MOUSE	Fu	444104	II	1GLP	1N2A	1GLQ		Sc=5.80031, min distance = 1.850886
GST_OMMSL	Fu	97536	Hex	GSTP1_HUMAN	Fu	97535	CCR	18GS	1GSQ	1PGT	34	Sc=6.46672, min distance = 1.720812
GST_PROMI	Fu	12389	Tet	LTC4S_HUMAN	Fu	124886	g1	2PNO	1PMT	2UUI		Sc=5.62415, min distance = 0.851392
GUAA_HUMAN	Fu	100252	Ri	IMDH_TRIFO	Fu	73323	Xan	1MEW	2VXO	1ME8		Sc=6.22662, min distance = 2.122509
GUAA_HUMAN	Fu	8582	Inos	IMDH_TRIFO	Fu	73323	Xan	1MEW	2VXO	1MEH	0.94	Sc=5.90113, min distance = 1.872274
GUAA_THET8	Fu	11963491		PUR9_CHICK	Fu	73323	Xan	1M9N	2YWC	2B1G	0.9	Sc=6.01748, min distance = 2.653762
GUAD_HUMAN	Fu	764	guani	XAPA_ECOLI	Fu	1188	xant	1YR3	2UZ9	1YQQ	0.92	Sc=5.85952, min distance = 2.591199
GUAD_HUMAN	Fu	764	guani	XGPT_ECOLI	Fu	1188	xant	1A96	2UZ9	1A95	0.92	Sc=5.87031, min distance = 2.515629
GUB_PAEMA	Fu	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	1U0A	1FQ7		Sc=5.62522, min distance = 2.611489
GUB_PAEMA	Fu	445999	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	1U0A	1OC7	0.77	Sc=5.74024, min distance = 0.231992
GUB_PAEMA	Fu	447601	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	1U0A	1OCB		Sc=5.85478, min distance = 1.495181
GUB_PAEMA	Fu	447607	1c	Q79G13_MYCTU	1	64689	bet	1UP0	1U0A	1UP2		Sc=5.65587, min distance = 2.700491
GUB_PAEMA	Fu	82313	1rc	UGL_BACGL	Fu	64689	bet	2FV0	1U0A	2FV1		Sc=5.86711, min distance = 3.015579
GUB_PAEMA	Fu	854023	Eq	Q8WSF8_APLCA	1	23831	HEP	2BR7	1AJK	2BYQ		Sc=5.89068, min distance = 2.113429
GUN1_HUMIN	Fu	114718	Be	Q5XKG4_MOUSE	1	439353	be	1UZ8	1OJJ	1RIU		Sc=6.14208, min distance = 1.669866
GUN1_HUMIN	Fu	29435	1-D	CDGT_BACS0	Fu	64689	bet	1UKS	1OJJ	1I75		Sc=5.88237, min distance = 0.691863
GUN1_HUMIN	Fu	439692	D-	XYLA_STRRU	Fu	79025	alp	1XIF	1OJJ	4XIS		Sc=5.60269, min distance = 2.410407
GUN1_HUMIN	Fu	444635	O3	MBL1_RAT	Full	439353	be	2KMB	1OJJ	3KMB	0.9	Sc=5.68884, min distance = 1.588542
GUN1_HUMIN	Fu	446578	1r	Q8XXK6_RALSO	1	439353	be	2BS6	1OJJ	2BT9	0.94	Sc=5.8588, min distance = 1.3358794
GUN1_HUMIN	Fu	6027	xylc	Q9ZB17_9LACT	1	79025	alp	1NSZ	1OJJ	1MN0	0.93	Sc=5.63902, min distance = 2.143394

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GUN1_HUMIN	F1	656981	CL	LYSC_CHICK	Fu	439353	be	1UC0	1OJJ	1YIL		Sc=5.6124, min distance = 2.4900146
GUN1_HUMIN	F1	7048614	Z	XYLA_STRRU	Fu	79025	alp	1XIF	1OJJ	1XID		Sc=5.85754, min distance = 2.339207
GUN1_HUMIN	F1	892	myo-i	SFTPD_HUMAN	F1	79025	alp	1PWB	1OJJ	2OS9		Sc=5.85224, min distance = 2.063329
GUN4_THEFU	F1	23831	HEF	GUB_PAEMA	Fu	64689	bet	1U0A	1JS4	1AJK		Sc=5.64237, min distance = 0.781407
GUN4_THEFU	F1	445564	4-	Q79G13_MYCTU	1	64689	bet	1UP0	1JS4	1UP3	0.88	Sc=5.61411, min distance = 1.244439
GUN4_THEFU	F1	445999	CI	Q79G13_MYCTU	1	64689	bet	1UP0	1JS4	1UOZ	0.77	Sc=5.60314, min distance = 1.262567
GUN4_THEFU	F1	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	1JS4	1QM5	0.88	Sc=5.69497, min distance = 1.779283
GUN5_BACAG	F1	11957431		BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2J7D		Sc=6.23813, min distance = 2.348048
GUN5_BACAG	F1	11957434		BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2J7G		Sc=6.06735, min distance = 2.430964
GUN5_BACAG	F1	11957435		BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2J7H		Sc=5.68936, min distance = 2.567842
GUN5_BACAG	F1	124434	Ca	BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2CBV		Sc=5.88758, min distance = 2.665197
GUN5_BACAG	F1	444393	CI	PYGM_RABIT	Fu	447607	1c	2G9V	1OCQ	1AXR		Sc=5.98617, min distance = 2.038330
GUN5_BACAG	F1	447651	CI	BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2J77		Sc=5.81359, min distance = 2.534342
GUN5_BACAG	F1	448963	2j	BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2J79		Sc=5.98185, min distance = 2.215712
GUN5_BACAG	F1	448980	nc	BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	1UZ1	0.79	Sc=5.82736, min distance = 2.678181
GUN5_BACAG	F1	9549193	C	BGLA_THEMA	Fu	447607	1c	1OIF	1OCQ	2CES		Sc=6.02115, min distance = 2.140086
GUN5_THEFU	F1	447607	1c	GUN5_BACAG	Fu	64689	bet	1W3L	2CKR	1OCQ		Sc=5.72788, min distance = 2.065517
GUN5_THEFU	F1	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	2CKR	1QM5	0.88	Sc=5.61411, min distance = 0.657721
GUNC_CELFI	F1	446578	1r	Q8XXK6_RALSO	1	64689	bet	2BS5	1GU3	2BT9	0.94	Sc=5.62687, min distance = 1.320929
GUNC_CELFI	F1	447607	1c	Q79G13_MYCTU	1	64689	bet	1UP0	1GU3	1UP2		Sc=5.69101, min distance = 2.346473
GUNC_CELFI	F1	8190	Ethy	CLC7A_MOUSE	F1	64689	bet	2CL8	1GU3	2BPE		Sc=5.6983, min distance = 0.9325781
GUNC_CLOTH	F1	445999	CI	GUN5_BACAG	Fu	64689	bet	1W3L	1CEN	1H5V	0.77	Sc=5.60314, min distance = 2.518181
GUNC_FUSOX	F1	445999	CI	GUN5_BACAG	Fu	10712	cel	2A3H	2OVW	1H5V		Sc=5.6718, min distance = 2.1995331
GUNF_CLOCE	F1	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	1FAE	1FQ7		Sc=5.67966, min distance = 2.337238
GUNF_CLOCE	F1	29435	1-I	CDGT_BACS0	Fu	64689	bet	1UKS	1FAE	1I75		Sc=5.84332, min distance = 1.047272
GUNF_CLOCE	F1	446000	CI	GUX6_HUMIN	Fu	445238	O1	1OC5	1FCE	1OC7	0.89	Sc=5.70177, min distance = 2.380892
GUNF_CLOCE	F1	5327083	C	GUN2_THEFU	Fu	64689	bet	2BOF	1FAE	2BOD		Sc=5.7479, min distance = 2.4504728
GUNF_CLOCE	F1	54445	cas	Q2PS28_9PSED	1	64689	bet	2PWF	1FAE	2PWG		Sc=5.81974, min distance = 2.018452
GUNF_CLOCE	F1	82313	1rc	Q9HYN5_PSEAE	1	64689	bet	1W8F	1FAE	1W8H		Sc=5.9442, min distance = 2.0201351
GUNG_CLOCE	F1	125409	be	XYNA1_CLOSR	F1	64689	bet	1OD3	1GA2	1UY4	0.93	Sc=5.66363, min distance = 0.983522
GUNG_CLOCE	F1	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	1GA2	1FQ7		Sc=5.66077, min distance = 2.662160
GUNG_CLOCE	F1	23831	HEF	GUB_PAEMA	Fu	64689	bet	1U0A	1GA2	1AJK		Sc=5.63141, min distance = 0.979686
GUNG_CLOCE	F1	445238	O1	GUNF_CLOCE	Fu	445564	4-	1G9J	1KFG	1FCE	0.83	Sc=5.63562, min distance = 3.028910
GUNG_CLOCE	F1	445999	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	1GA2	1OC7	0.77	Sc=5.68067, min distance = 1.273402
GUNG_CLOCE	F1	447607	1c	PYGM_RABIT	Fu	79025	alp	1H5U	1K72	2G9V		Sc=5.60208, min distance = 2.778824
GUNG_CLOCE	F1	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	1GA2	1QM5	0.88	Sc=5.61221, min distance = 1.617121
GUNG_CLOCE	F1	657081	CI	LEG3_HUMAN	Fu	64689	bet	2NMO	1GA2	1KJR		Sc=5.88046, min distance = 0.392966

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GUNG_CLOCE	F1	7048614	2	XYLA_STRRU	Fu	79025	alp	1XIF	1K72	1XID			Sc=5.69803, min distance = 2.64394
GUNH_CLOTH	F1	445564	4	GUNG_CLOCE	Fu	64689	bet	1GA2	2V3G	1KFG	0.88		Sc=5.65049, min distance = 2.33333
GUNH_CLOTH	F1	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2V3G	1UOZ	0.77		Sc=5.67897, min distance = 0.84737
GUX1_TRIRE	F1	447607	1c	Q79G13_MYCTU	I	444809	Th	1UOZ	1Q2E	1UP2			Sc=5.6277, min distance = 1.839107
GUX1_TRIRE	F1	79025	alp	AMY1_HORVU	Fu	444809	Th	1P6W	1Q2E	1RP8	0.78		Sc=5.93705, min distance = 0.50690
GUX2_TRIRE	F1	10712	cel	GUN2_BACS4	Fu	444809	Th	1E5J	1QJW	1QI0			Sc=6.38493, min distance = 1.79546
GUX2_TRIRE	F1	151504	D	CARP_YEAST	Fu	64689	bet	1FQ4	1QK0	1FQ5			Sc=5.69804, min distance = 2.71691
GUX2_TRIRE	F1	16741013		CARP_YEAST	Fu	64689	bet	1FQ4	1QK0	1FQ6			Sc=5.70694, min distance = 2.80734
GUX2_TRIRE	F1	23831	HEE	GUB_PAEMA	Fu	64689	bet	1U0A	1QK0	1AJK			Sc=5.63141, min distance = 1.25247
GUX2_TRIRE	F1	4369530	2	Q22321_MUSAC	I	64689	bet	2BN0	1QK0	2BMZ	0.85		Sc=6.28939, min distance = 1.88771
GUX2_TRIRE	F1	445999	CI	GUNF_CLOCE	Fu	445564	4-	1G9J	1QJW	1F90	0.88		Sc=5.84043, min distance = 1.27733
GUX2_TRIRE	F1	445999	CI	GUX6_HUMIN	Fu	445238	O1	1OC5	1QJW	1OC7	64.27		Sc=5.60314, min distance = 2.38617
GUX2_TRIRE	F1	445999	CI	Q79G13_MYCTU	I	445564	4-	1UP3	1QJW	1UOZ	26.8	0.88	Sc=5.7012, min distance = 0.824379
GUX2_TRIRE	F1	446000	CI	GUX6_HUMIN	Fu	445238	O1	1OC5	1QJW	1OC7	64.27	0.89	Sc=5.69771, min distance = 2.13550
GUX2_TRIRE	F1	447600	CI	GUX6_HUMIN	Fu	445238	O1	1OC5	1QJW	1OCB	64.27	0.89	Sc=5.68594, min distance = 2.77033
GUX2_TRIRE	F1	447607	1c	GUN5_BACAG	Fu	444809	Th	1H5V	1QJW	1OCQ			Sc=5.6304, min distance = 2.359946
GUX2_TRIRE	F1	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	1QK0	1QM5	0.88		Sc=5.8035, min distance = 0.523116
GUX2_TRIRE	F1	5327083	C	GUN2_THEFU	Fu	445564	4-	2BOG	1QJW	2BOD	28.33	0.82	Sc=5.72381, min distance = 2.51617
GUX2_TRIRE	F1	79025	alp	AMY1_HORVU	Fu	444809	Th	1P6W	1QJW	1RP8	0.78		Sc=5.75873, min distance = 1.01034
GUX6_HUMIN	F1	125409	be	GUX2_TRIRE	Fu	444809	Th	1QJW	1OC7	1QK0	64.54		Sc=5.60042, min distance = 0.81741
GUX6_HUMIN	F1	151504	D	CARP_YEAST	Fu	64689	bet	1FQ4	1OCN	1FQ5			Sc=5.74599, min distance = 2.77612
GUX6_HUMIN	F1	16741013		CARP_YEAST	Fu	64689	bet	1FQ4	1OCN	1FQ6			Sc=5.73005, min distance = 2.72838
GUX6_HUMIN	F1	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	1OCN	1FQ7			Sc=5.70694, min distance = 2.23023
GUX6_HUMIN	F1	23831	HEE	GUB_PAEMA	Fu	64689	bet	1U0A	1OCN	1AJK			Sc=5.65379, min distance = 0.54197
GUX6_HUMIN	F1	445237	1,	AMY1_HORVU	Fu	64689	bet	1RP9	1OCN	1P6W	0.77		Sc=5.76391, min distance = 2.31471
GUX6_HUMIN	F1	447607	1c	Q79G13_MYCTU	I	445999	CI	1UOZ	1OC7	1UP2	29.21		Sc=5.79727, min distance = 1.35018
GUX6_HUMIN	F1	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	1OCN	1UP2	29.21		Sc=5.72788, min distance = 0.82720
GUX6_HUMIN	F1	79025	alp	AMY1_HORVU	Fu	447600	CI	1P6W	1OCB	1RP8	0.83		Sc=5.7479, min distance = 1.978140
GUX6_HUMIN	F1	82313	1rc	Q9HYN5_PSEAE	I	64689	bet	1W8F	1OCN	1W8H			Sc=6.13488, min distance = 1.17255
GUX_CELFI	Fu	445615	XY	Q59277_CELFI	I	125409	be	1FH9	2XYL	1FHD			Sc=5.86661, min distance = 2.19497
GYAR_PYRHO	F1	15942680		6PGD_LACLM	Fu	5886	NADP	2IZ0	2DBQ	2IZ1			Sc=6.21053, min distance = 2.31869
GYAR_PYRHO	F1	440334	Ni	DAPB_ECOLI	Fu	5886	NADP	1DIH	2DBQ	1DRW	0.91		Sc=6.32675, min distance = 2.15266
GYRB_ECOLI	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1EI1	2OXD			Sc=5.70177, min distance = 2.56702
GYRB_ECOLI	F1	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	1EI1	1UV5			Sc=6.37924, min distance = 1.95466
GYRB_ECOLI	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1EI1	1ZOE			Sc=5.74321, min distance = 2.34734
GYRB_ECOLI	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1EI1	1ZOH			Sc=5.67403, min distance = 2.43050
GYRB_ECOLI	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1EI1	2ERZ			Sc=6.23052, min distance = 1.24099

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H2AY_HUMAN	F1	23831	HEE	MMP8_HUMAN	Fu	78165	MES	1ZS0	1ZR3	1BZS	0.81	Sc=5.63262, min distance = 2.153838
HA1B_MOUSE	F1	447053	CI	B2MG_HUMAN	Fu	444863	is	2H26	1FZK	1ONQ	69.7 0.85	Sc=5.63079, min distance = 1.255322
HA22_MOUSE	F1	439554	fu	FIBB_HUMAN	Fu	444205	CI	1FZF	1FNE	2OYH		Sc=5.69801, min distance = 1.372642
HAL2_YEAST	F1	5281680	Q	PIM1_HUMAN	Fu	6083	aden	1YXU	1QGX	2O64		Sc=6.43497, min distance = 2.260512
HAL3A_ARATH	I	5326566	I	Q9WZW1_THEMA	I	444243	FA	1T6Y	1MVL	1S4M	0.82	Sc=6.0669, min distance = 2.0873001
HAOX1_HUMAN	I	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	2NZL	1JRB		Sc=6.66251, min distance = 2.424927
HAOX1_HUMAN	I	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2NZL	1LTD	0.77	Sc=6.20746, min distance = 2.086056
HASA_SERMA	F1	11957353		HBB_HORSE	Fu	444124	HE	1Y8I	1DKH	1IWH	0.87	Sc=6.76575, min distance = 2.063256
HASA_SERMA	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1DKH	1TWN		Sc=6.61785, min distance = 1.991295
HASA_SERMA	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1DKH	1TWR		Sc=6.63891, min distance = 2.145421
HASA_SERMA	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1DK0	2CMM		Sc=6.35932, min distance = 2.059388
HASA_SERMA	F1	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1DKH	2CMM		Sc=6.32345, min distance = 2.330054
HASA_SERMA	F1	126994	CI	CCPR_YEAST	Fu	444098	HE	2EUT	1DK0	1Z53	0.77	Sc=6.77076, min distance = 2.369649
HASA_SERMA	F1	16741183		CPXA_PSEPU	Fu	444124	HE	1RE9	1DKH	2ZAW	0.92	Sc=6.58066, min distance = 2.008562
HASA_SERMA	F1	4369001	Q	HBA_HUMAN	Fu	444124	HE	1NQP	1DKH	4HHB	0.8	Sc=6.61486, min distance = 2.040451
HASA_SERMA	F1	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	1DKH	1I3D	0.89	Sc=6.42148, min distance = 2.140561
HASA_SERMA	F1	446332	CI	MYG_PHYCA	Fu	444124	HE	1U7R	1DKH	1IOP	0.8	Sc=6.70179, min distance = 2.323127
HASP_HUMAN	F1	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	3DLZ	3CY3		Sc=6.52823, min distance = 1.464889
HASP_HUMAN	F1	16040294		SRC_CHICK	Fu	6083	aden	3DQX	3DLZ	3F6X		Sc=6.60389, min distance = 1.336427
HASP_HUMAN	F1	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	3DLZ	3C4E		Sc=5.94553, min distance = 2.715901
HASP_HUMAN	F1	5281680	Q	PIM1_HUMAN	Fu	6083	aden	1YXU	3DLZ	2O64		Sc=6.45308, min distance = 1.087574
HASP_HUMAN	F1	5957	Ader	PURP_PYRFU	Fu	6083	aden	2R85	3DLZ	2R86	0.98	Sc=6.0282, min distance = 1.5912202
HASP_HUMAN	F1	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	3DLZ	1YXX		Sc=6.09899, min distance = 2.708431
HASP_HUMAN	F1	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	3DLZ	2R7K	0.79	Sc=6.25402, min distance = 2.398737
HASP_HUMAN	F1	65110	AIC	YL28_SCHPO	Fu	6083	aden	2O0X	3DLZ	2QRE	0.79	Sc=6.27293, min distance = 2.089718
HASP_HUMAN	F1	656964	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	3DLZ	1Y2C		Sc=5.94217, min distance = 2.209608
HASP_HUMAN	F1	656966	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	3DLZ	1Y2E		Sc=6.0852, min distance = 2.1408921
HASP_HUMAN	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	3DLZ	2QN7	0.79	Sc=6.34304, min distance = 2.017268
HBA1_ONCMY	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1OUT	2CMM		Sc=6.08257, min distance = 2.493358
HBA1_TRENE	F1	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	3D1K	1BEQ	0.81	Sc=6.5878, min distance = 2.3752559
HBA1_TRENE	F1	11957353		HBA_HORSE	Fu	444098	HE	2D5X	3D1K	1IWH	51.06 0.83	Sc=6.60442, min distance = 2.012538
HBA1_TRENE	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	2AA1	1TWN		Sc=6.45686, min distance = 2.213930
HBA1_TRENE	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	2AA1	1TWR		Sc=6.5496, min distance = 2.4167891
HBA1_TRENE	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	3D1K	2CMM	23.29	Sc=5.92694, min distance = 2.116398
HBA1_TRENE	F1	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	2AA1	2CMM	23.29	Sc=5.94514, min distance = 2.622231
HBA1_TRENE	F1	11970242		CCPR_YEAST	Fu	444098	HE	2EUT	3D1K	1CPE	0.83	Sc=6.5889, min distance = 2.3123639
HBA1_TRENE	F1	4369001	Q	HBA_HUMAN	Fu	444124	HE	1NQP	2AA1	4HHB	48.53 0.8	Sc=6.63791, min distance = 2.031532

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HBA1_TRENE	Fu	4369100	HBB_HUMAN	Ful	444124	HE	1NQP	2AA1	1QSH	45.89	0.93	Sc=6.67317, min distance = 2.18858
HBA1_TRENE	Fu	444097	HBA_HUMAN	Ful	444124	HE	1NQP	2AA1	1RPS	48.53	0.95	Sc=6.73133, min distance = 1.53335
HBA1_TRENE	Fu	444207	HBA_HORSE	Ful	444124	HE	1Y8I	2AA1	2ZLW	51.06	0.99	Sc=6.64046, min distance = 1.70143
HBA1_TRENE	Fu	446332	MYG_PHYCA	Ful	444098	HE	1A6M	3D1K	1IOP	23.29	0.82	Sc=6.54462, min distance = 2.00314
HBA1_TRENE	Fu	446409	HBA_HUMAN	Ful	444124	HE	1NQP	2AA1	1J40	48.53	0.99	Sc=6.6545, min distance = 2.225894
HBA4_ONCMY	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	3BOM	2CMM			Sc=6.07625, min distance = 2.42123
HBAD_ALDEL	Fu	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	1WMU	2CMM			Sc=6.06752, min distance = 2.38878
HBAD_CHICK	Fu	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	1HBR	1S13		0.86	Sc=6.41945, min distance = 2.60044
HBAD_CHICK	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1HBR	2CMM			Sc=6.05811, min distance = 2.38189
HBAZ_HUMAN	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1JEB	2CMM			Sc=6.06499, min distance = 2.51061
HBA_ANSAN	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1FAW	2CMM			Sc=5.90328, min distance = 2.48764
HBA_ANSIN	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1A4F	2CMM	25.85		Sc=6.06851, min distance = 2.48764
HBA_ANSIN	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1C40	2CMM	25.85		Sc=6.05493, min distance = 2.32737
HBA_ANSIN	Fu	444522	HBA_HORSE	Ful	444124	HE	1Y8I	1C40	1Y8K	71.63	0.99	Sc=6.58957, min distance = 2.51752
HBA_ANSIN	Fu	444522	HBB_HORSE	Ful	444124	HE	1Y8I	1C40	1Y8K	39.31	0.99	Sc=6.5878, min distance = 2.13080
HBA_BOVIN	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2QSS	2CMM	26.53		Sc=6.07929, min distance = 2.18687
HBA_BOVIN	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1FSX	2CMM	26.53		Sc=6.07209, min distance = 2.28551
HBA_CHRBR	Fu	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	1FHJ	1S13		0.86	Sc=6.52288, min distance = 2.64739
HBA_CHRBR	Fu	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1FHJ	1TWR			Sc=6.44098, min distance = 2.31257
HBA_CHRBR	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2B7H	2CMM			Sc=6.10848, min distance = 2.13804
HBA_CHRBR	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1FHJ	2CMM			Sc=6.06276, min distance = 2.47997
HBA_COLLI	Fu	11957363	HBB_HUMAN	Ful	444098	HE	1J40	2R80	1RQA		0.77	Sc=6.61593, min distance = 2.10170
HBA_COLLI	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2R80	2CMM			Sc=6.08163, min distance = 2.22848
HBA_DASAK	Fu	11957353	HBB_HORSE	Ful	444124	HE	1Y8I	1CG5	1IWH		0.87	Sc=6.60591, min distance = 2.77446
HBA_DASAK	Fu	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	1CG5	1TWN			Sc=6.41969, min distance = 2.34740
HBA_DASAK	Fu	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1CG5	1TWR			Sc=6.4309, min distance = 2.55175
HBA_DASAK	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1CG5	2CMM			Sc=5.91092, min distance = 2.72386
HBA_DASAK	Fu	16214774	CP51_MYCTU	Fu	444124	HE	2CIB	1CG5	2CI0		0.95	Sc=6.45318, min distance = 2.56464
HBA_DASAK	Fu	16741183	CPXA_PSEPU	Fu	444124	HE	1RE9	1CG5	2ZAW		0.92	Sc=6.43194, min distance = 2.54161
HBA_DASAK	Fu	4369001	HBA_HUMAN	Ful	444124	HE	1NQP	1CG5	4HHB		0.8	Sc=6.48323, min distance = 2.16207
HBA_DASAK	Fu	444044	GLB1_SCAIN	Fu	444124	HE	1JZL	1CG5	2R4X		1	Sc=6.61513, min distance = 2.16862
HBA_DASAK	Fu	444207	PRXC_CALFU	Fu	444124	HE	2CPO	1CG5	1CPO		0.99	Sc=6.60986, min distance = 2.42421
HBA_DASAK	Fu	444522	HBB_PAGBE	Ful	444124	HE	1S5X	1CG5	1PBX		0.99	Sc=6.58602, min distance = 2.54142
HBA_DASAK	Fu	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	1CG5	1I3D		0.89	Sc=6.60869, min distance = 2.60361
HBA_DASAK	Fu	446332	MYG_PHYCA	Ful	444124	HE	1U7R	1CG5	1IOP		0.8	Sc=6.57831, min distance = 2.17931
HBA_EQUAS	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1S0H	2CMM			Sc=6.07311, min distance = 2.19266
HBA_HORSE	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2D5X	2CMM	26.67		Sc=5.94105, min distance = 2.13612

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HBA_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1Y8I	2CMM	26.67		Sc=6.0504, min distance = 2.439068
HBA_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444207	He 1VXG	2ZLW	2CMM	26.67		Sc=6.04905, min distance = 2.56961
HBA_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE 1VXD	1Y8K	2CMM	26.67		Sc=6.07311, min distance = 2.33777
HBA_HORSE	Fu: 16214774	CP51_MYCTU	Fu: 444124	HE 2CIB	1Y8I	2CI0		0.95	Sc=6.34788, min distance = 2.10147
HBA_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444097	He 2EVK	1RPS	2CMM	26.85		Sc=6.02571, min distance = 2.98672
HBA_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1NQP	2CMM	26.85		Sc=6.07311, min distance = 2.44972
HBA_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE 1VXD	2DN1	2CMM	26.85		Sc=6.08163, min distance = 2.19880
HBA_MELGA	Fu: 11957385	MYG_PHYCA	Ful: 444207	He 1VXG	2QMB	2CMM			Sc=6.07504, min distance = 2.35552
HBA_MUSGR	Fu: 11957371	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1GCV	1TWR			Sc=6.4395, min distance = 2.611277
HBA_MUSGR	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1GCV	2CMM			Sc=5.91092, min distance = 2.78456
HBA_MUSGR	Fu: 444207	NOS2_MOUSE	Fu: 444124	HE 2ORT	1GCV	1NOS		0.99	Sc=6.58602, min distance = 2.51853
HBA_PAGBE	Fu: 11957353	HBA_HORSE	Ful: 444522	HE 1Y8K	1PBX	1IWH	52.48	0.87	Sc=6.60282, min distance = 2.63582
HBA_PAGBE	Fu: 11957363	HBA_HUMAN	Ful: 444522	HE 2DN1	1PBX	1RQA	50	0.81	Sc=6.58492, min distance = 2.25491
HBA_PAGBE	Fu: 11957364	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1S5X	1S13		0.86	Sc=6.5128, min distance = 2.041174
HBA_PAGBE	Fu: 11957370	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1S5X	1TWN			Sc=6.45383, min distance = 2.05845
HBA_PAGBE	Fu: 11957373	CATE_ECOLI	Fu: 444124	HE 1IPH	1S5X	1P81		0.79	Sc=6.59079, min distance = 2.05775
HBA_PAGBE	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE 1A6M	2H8F	2CMM	23.29		Sc=6.08056, min distance = 2.46853
HBA_PAGBE	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1S5X	2CMM	23.29		Sc=6.07209, min distance = 2.39503
HBA_PAGBE	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE 1VXD	1PBX	2CMM	23.29		Sc=6.0605, min distance = 2.225665
HBA_PAGBE	Fu: 16741062	MYG_PHYCA	Ful: 444098	HE 1A6M	2H8F	1MBN	23.29	0.84	Sc=6.65669, min distance = 2.31753
HBA_PAGBE	Fu: 16741062	MYG_PHYCA	Ful: 444124	HE 1U7R	1S5X	1MBN	23.29	0.87	Sc=6.64871, min distance = 2.00642
HBA_PAGBE	Fu: 4368974	HBA_HUMAN	Ful: 444522	HE 2DN1	1PBX	1FN3	50	0.94	Sc=6.59665, min distance = 2.08860
HBA_PAGBE	Fu: 4368974	HBB_HUMAN	Ful: 444522	HE 2DN1	1PBX	1FN3	45.89	0.94	Sc=6.59193, min distance = 1.98405
HBA_PAGBE	Fu: 444097	HBA_HUMAN	Ful: 444522	HE 2DN1	1PBX	1RPS	50	0.96	Sc=6.58957, min distance = 2.37283
HBA_PAGBE	Fu: 444097	HBB_HUMAN	Ful: 444522	HE 2DN1	1PBX	1RPS	45.89	0.96	Sc=6.60172, min distance = 2.13643
HBA_PAGBE	Fu: 444207	HBA_HORSE	Ful: 444124	HE 1Y8I	1S5X	2ZLW	52.48	0.99	Sc=6.59736, min distance = 2.17690
HBA_PAGBE	Fu: 444207	HBB_HORSE	Ful: 444124	HE 1Y8I	1S5X	2ZLW	43.57	0.99	Sc=6.59553, min distance = 2.35198
HBA_PAGBE	Fu: 444207	HBB_HORSE	Ful: 444522	HE 1Y8K	1PBX	2ZLW	43.57	1	Sc=6.59898, min distance = 2.11775
HBA_PAGBE	Fu: 446409	HBA_HUMAN	Ful: 444522	HE 2DN1	1PBX	1J40	50	0.98	Sc=6.59485, min distance = 2.41064
HBA_PIG	Full: 11957364	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1QPW	1S13		0.86	Sc=6.41831, min distance = 2.50907
HBA_PIG	Full: 11957370	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1QPW	1TWN			Sc=6.3424, min distance = 2.163247
HBA_PIG	Full: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1QPW	2CMM			Sc=5.90982, min distance = 2.66652
HBA_PIG	Full: 11957385	MYG_PHYCA	Ful: 444522	HE 1VXD	2PGH	2CMM			Sc=6.05263, min distance = 2.67630
HBA_PSIKR	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE 1A6M	2ZFB	2CMM			Sc=6.06851, min distance = 2.30817
HBA_RABIT	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE 1A6M	2RAO	2CMM			Sc=6.05928, min distance = 2.34087
HBB1_MOUSE	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1JEB	2CMM			Sc=6.06851, min distance = 2.44215
HBB1_ONCMY	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE 1A6M	1OUT	2CMM			Sc=6.07625, min distance = 2.48620

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HBBC_TRENE	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	2AA1	2CMM		Sc=5.94724, min distance = 2.613114
HBB_ALDEL	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE	1VXD	1WMU	2CMM		Sc=6.06974, min distance = 2.308549
HBB_ANSAN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1FAW	2CMM		Sc=6.04785, min distance = 2.504810
HBB_ANSIN	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	1A4F	2CMM	27.78	Sc=6.06276, min distance = 2.191729
HBB_ANSIN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1C40	2CMM	27.78	Sc=6.05928, min distance = 2.255122
HBB_BOVIN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1FSX	2CMM		Sc=6.07102, min distance = 2.416772
HBB_CHRBR	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1FHJ	2CMM		Sc=6.05811, min distance = 2.418739
HBB_COLLI	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	2R80	2CMM		Sc=6.06631, min distance = 2.090667
HBB_DASAK	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1CG5	2CMM		Sc=5.92694, min distance = 2.789820
HBB_DASAK	Fu: 24883662	MYG_HORSE	Ful: 444124	HE	1DWT	1CG5	1YMC	0.87	Sc=6.65561, min distance = 2.096468
HBB_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	2D5X	2CMM	27.4	Sc=5.93567, min distance = 2.086932
HBB_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1Y8I	2CMM	27.4	Sc=6.05379, min distance = 2.383630
HBB_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444207	He	1VXG	2ZLW	2CMM	27.4	Sc=5.89833, min distance = 2.524168
HBB_HORSE	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE	1VXD	1Y8K	2CMM	27.4	Sc=6.05928, min distance = 2.158019
HBB_HORSE	Fu: 16214774	CP51_MYCTU	Fu: 444124	HE	2CIB	1Y8I	2CI0	0.95	Sc=6.36186, min distance = 2.304876
HBB_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444097	He	2EVK	1RPS	2CMM	26.53	Sc=5.91435, min distance = 2.312369
HBB_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	1J40	2CMM	26.53	Sc=6.08366, min distance = 2.472699
HBB_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1NQP	2CMM	26.53	Sc=6.06499, min distance = 2.350119
HBB_LEIXA	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1SPG	2CMM		Sc=5.90727, min distance = 2.240240
HBB_MUSGR	Fu: 11957364	HMOX1_HUMAN	Fu: 444124	HE	1OZW	1GCV	1S13	0.86	Sc=6.50799, min distance = 1.452430
HBB_MUSGR	Fu: 11957370	HMOX1_HUMAN	Fu: 444124	HE	1OZW	1GCV	1TWN		Sc=6.43956, min distance = 2.198039
HBB_MUSGR	Fu: 11957371	HMOX1_HUMAN	Fu: 444124	HE	1OZW	1GCV	1TWR		Sc=6.44737, min distance = 2.405878
HBB_MUSGR	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1GCV	2CMM		Sc=5.90464, min distance = 2.789069
HBB_MUSGR	Fu: 444207 He	NOS2_MOUSE	Fu: 444124	HE	2ORT	1GCV	1NOS	0.99	Sc=6.63676, min distance = 2.481920
HBB_PAGBE	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	2H8F	2CMM		Sc=6.08257, min distance = 2.563389
HBB_PAGBE	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1S5X	2CMM		Sc=6.12058, min distance = 1.997984
HBB_PAGBE	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE	1VXD	1PBX	2CMM		Sc=5.92916, min distance = 2.152130
HBB_PANPA	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1CH4	2CMM		Sc=6.06631, min distance = 2.210884
HBB_PANTR	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1CH4	2CMM		Sc=6.07209, min distance = 2.486767
HBB_PIG	Full: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1QPW	2CMM		Sc=6.034, min distance = 2.79906359
HBB_PIG	Full: 11957385	MYG_PHYCA	Ful: 444522	HE	1VXD	2PGH	2CMM		Sc=6.05263, min distance = 2.655569
HBB_PSIKR	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	2ZFB	2CMM		Sc=6.0515, min distance = 2.1935494
HBB_RABIT	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	2RAO	2CMM		Sc=6.05811, min distance = 2.173184
HBB_TRENE	Fu: 11957385	MYG_PHYCA	Ful: 444098	HE	1A6M	3D1K	2CMM		Sc=5.93446, min distance = 2.228607
HBD_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1SHR	2CMM		Sc=5.92441, min distance = 2.363272
HBE_HUMAN	Fu: 11957353	HBB_HORSE	Ful: 444124	HE	1Y8I	1A9W	1IWH	0.87	Sc=6.5763, min distance = 2.3729224
HBE_HUMAN	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE	1U7R	1A9W	2CMM		Sc=6.04785, min distance = 2.338444

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HBF1_URECA	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1ITH	2CMM		Sc=6.04266, min distance = 2.449925	
HBG1_HUMAN	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1I3E	2CMM		Sc=6.06499, min distance = 2.355840	
HBG2_HUMAN	Fu	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	1FDH	2CMM		Sc=6.06166, min distance = 2.709970	
HBL_HORVU	Fu	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	2OIF	1TWN		Sc=6.47156, min distance = 2.396376	
HBL_HORVU	Fu	444522	MYG_PIG	Ful	444124	HE	1MYH	2OIF	1MNI	0.99	Sc=6.59318, min distance = 1.856515	
HBL_ZEAMP	Fu	11957353	HBA_HORSE	Ful	444124	HE	1Y8I	2R50	1IWH	0.87	Sc=6.67592, min distance = 1.921975	
HBL_ZEAMP	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	2R50	2CMM		Sc=6.08976, min distance = 2.222298	
HBL_ZEAMP	Fu	444522	BFR_ECOLI	Ful	444124	HE	1BFR	2R50	1BCF	0.99	Sc=6.67805, min distance = 2.146508	
HBL_ZEAMP	Fu	444522	CP2C9_HUMAN	Fu	444124	HE	1OG2	2R50	1R90	0.99	Sc=6.66271, min distance = 2.056549	
HBL_ZEAMP	Fu	444522	GLB1_GLYDI	Fu	444124	HE	1JF3	2R50	1HBG	0.99	Sc=6.6709, min distance = 2.0799658	
HBL_ZEAMP	Fu	444522	HBA_PAGBE	Ful	444124	HE	1S5X	2R50	1PBX	0.99	Sc=6.66216, min distance = 2.094675	
HBSAG_HBVD3	I	64689	bet	Q9RX51_DEIRA	I	6255	malt	2BHZ	1IUD	2BY0	0.87	Sc=5.74332, min distance = 2.314498
HBSAG_HBVD3	I	79025	alg	AMYB_BACCE	Fu	6255	malt	1B9Z	1IUD	1VEM	0.87	Sc=5.79566, min distance = 2.223088
HCD2_HUMAN	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2023	1I3K	0.79	Sc=6.77738, min distance = 2.312905
HCD2_HUMAN	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2023	1UDB	0.79	Sc=6.77476, min distance = 2.275555
HCD2_HUMAN	Fu	439153	Di	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	2023	1V35	0.79	Sc=6.77154, min distance = 2.348615
HCD2_RAT	Ful	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1E6W	1I3K	0.79	Sc=6.77086, min distance = 2.206135
HCD2_RAT	Ful	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1E6W	1UDB	0.79	Sc=6.76808, min distance = 2.141562
HCD2_RAT	Ful	439153	Di	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	1E6W	1V35	0.79	Sc=6.76564, min distance = 2.220274
HCDH_HUMAN	Fu	445794	Ad	ADHX_HUMAN	Fu	5893	nadi	2FZW	1F0Y	2FZE		Sc=6.63432, min distance = 1.313676
HCDH_HUMAN	Fu	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1F0Y	2BJA		Sc=6.43359, min distance = 1.471755
HCDH_PIG	Ful	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	3HDH	2PKR		Sc=6.03688, min distance = 2.397978
HCDH_PIG	Ful	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	3HDH	1I3K	0.79	Sc=6.73639, min distance = 1.782604
HCDH_PIG	Ful	445794	Ad	ADHX_HUMAN	Fu	5893	nadi	2FZW	3HDH	2FZE		Sc=6.62564, min distance = 1.240255
HCDH_PIG	Ful	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	3HDH	3GPD	0.95	Sc=6.73002, min distance = 1.221828
HCDH_PIG	Ful	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	3HDH	1IHX		Sc=6.71937, min distance = 1.979612
HCDH_PIG	Ful	447224	Ad	FADB_PSEFR	Fu	5893	nadi	1WDK	3HDH	1WDL		Sc=6.60079, min distance = 1.592750
HCDH_PIG	Ful	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	3HDH	2BJA		Sc=6.24046, min distance = 2.175725
HCDH_PIG	Ful	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	3HDH	1WXI		Sc=6.33814, min distance = 1.746754
HCDR_XANP2	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2CFC	1UDB	0.79	Sc=6.79285, min distance = 2.144392
HCDR_XANP2	Fu	439153	Di	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	2CFC	1V35	0.79	Sc=6.79166, min distance = 2.074918
HCDR_XANP2	Fu	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	2CFC	2BJA		Sc=6.46533, min distance = 0.954765
HCK_HUMAN	Fu	16058649		IGF1R_HUMAN	Fu	33113	gar	1JQH	1AD5	2OJ9	38.32	Sc=6.41342, min distance = 2.266925
HCK_HUMAN	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1AD5	1G4A	0.97	Sc=5.84409, min distance = 2.379455
HCK_HUMAN	Fu	23656870		CSK2A_MAIZE	Fu	33113	gar	1LP4	1AD5	2PVN	22.43	Sc=6.45432, min distance = 2.077895
HCK_HUMAN	Fu	2396	bisi	PIM1_HUMAN	Fu	33113	gar	1XR1	1AD5	1XWS	29.82	Sc=6.39607, min distance = 2.129135
HCK_HUMAN	Fu	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	1AD5	2ESM	24.88	Sc=5.9594, min distance = 1.773955

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HCK_HUMAN	Fu: 36735 Gpp	CSK2A_MAIZE	Fu: 33113 gar	1LP4	1AD5	1DAY	22.43	0.8	Sc=5.94856, min distance = 1.770332
HCK_HUMAN	Fu: 444367 CI	CSK2A_MAIZE	Fu: 33113 gar	1LP4	1AD5	1OM1	22.43		Sc=6.12205, min distance = 2.078350
HCK_HUMAN	Fu: 456214 pu	SRC_HUMAN	Fu: 33113 gar	2SRC	1AD5	1YOM	69.58		Sc=6.22697, min distance = 1.952490
HCK_HUMAN	Fu: 5281701 T	PIM1_HUMAN	Fu: 33113 gar	1XR1	1AD5	2O65	29.82		Sc=6.27012, min distance = 2.785802
HCK_HUMAN	Fu: 5326739 i	GSK3B_HUMAN	Fu: 33113 gar	1J1B	1AD5	1Q41	27.6		Sc=6.28232, min distance = 1.750939
HCK_HUMAN	Fu: 5326978 1	CSK2A_MAIZE	Fu: 33113 gar	1LP4	1AD5	1ZOH	22.43		Sc=5.63386, min distance = 1.937034
HCK_HUMAN	Fu: 5327148 C	IPKA_RABIT	Fu: 33113 gar	1CDK	1AD5	2ERZ			Sc=6.11595, min distance = 1.701476
HCK_HUMAN	Fu: 6083 ader	ENTP2_RAT	Fu: 33113 gar	3CJA	1AD5	3CJ7		0.97	Sc=6.22361, min distance = 2.071372
HCK_HUMAN	Fu: 60961 ade	PIM1_HUMAN	Fu: 33113 gar	1XR1	1AD5	1YI4	29.82	0.93	Sc=6.19103, min distance = 1.778964
HCK_HUMAN	Fu: 91532 AME	PURT_ECOLI	Fu: 33113 gar	1EYZ	1AD5	1KJI		0.99	Sc=5.98382, min distance = 1.293908
HCN2_MOUSE	Fu: 188955 Cy	CRP_ECOLI	Fu: 6076 Cycl	1HW5	3BPZ	1J59	35.63	0.95	Sc=6.28202, min distance = 2.564178
HCN2_MOUSE	Fu: 656964 1y	PDE4D_HUMAN	Fu: 6076 Cycl	2PW3	3BPZ	1Y2C			Sc=5.9783, min distance = 2.4417751
HCN2_MOUSE	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6076 Cycl	2PW3	3BPZ	1Y2E			Sc=6.11325, min distance = 1.448022
HCN2_MOUSE	Fu: 6858240 C	KAP0_BOVIN	Fu: 24316 cyc	1RL3	1Q3E	1NE6		0.79	Sc=6.30338, min distance = 2.133081
HCN2_MOUSE	Fu: 6858240 C	KAP0_BOVIN	Fu: 6076 Cycl	1RGS	3BPZ	1NE6		0.98	Sc=6.29616, min distance = 2.049594
HCRA_THAAR	Fu: 10918 Car	OCTC_MOUSE	Fu: 23831 HEP	1XL7	1RM6	1XL8			Sc=5.72613, min distance = 2.237845
HCRA_THAAR	Fu: 448574 CI	MOP_DESGI	Fu: 4369335 C	1VLB	1RM6	1SIJ		0.95	Sc=6.78031, min distance = 2.322775
HCRA_THAAR	Fu: 854023 Eg	Q8WSF8_APLCA	1 23831 HEP	2BR7	1RM6	2BYQ			Sc=5.8288, min distance = 2.3351854
HCRA_THAAR	Fu: 9543460 C	MOP_DESGI	Fu: 4369335 C	1VLB	1RM6	1ZCS		0.92	Sc=6.78355, min distance = 2.113745
HDAC7_HUMAN	1 92249 Cou	HDAC8_HUMAN	Fu: 444732 tr	1T64	3C10	2V5W			Sc=5.85135, min distance = 1.344715
HDAC8_HUMAN	1 3428304 E	HDAH_ALCSD	Fu: 5311 Vori	1ZZ1	1T69	1ZZ3			Sc=5.89127, min distance = 1.675068
HDHA_ECOLI	Fu: 11987635	ADH_DROLE	Fu: 5893 nadi	1SBY	1FMC	1B2L		0.76	Sc=6.50193, min distance = 2.265120
HDHA_ECOLI	Fu: 15942665	INHA_MYCTU	Fu: 5893 nadi	2H7I	1FMC	2H9I		0.88	Sc=6.85111, min distance = 2.314938
HDHA_ECOLI	Fu: 439153 Di	Q9BJJ9_PLAFA	1 5893 nadi	1UH5	1FMC	1V35		0.79	Sc=6.73188, min distance = 2.062401
HDHA_ECOLI	Fu: 449263 IN	INHA_MYCTU	Fu: 5893 nadi	2H7I	1FMC	2NV6		0.93	Sc=6.83295, min distance = 2.350028
HDHA_ECOLI	Fu: 6022 Ader	Q5SI02_THET8	1 5893 nadi	2BJK	1FMC	2BJA			Sc=6.25182, min distance = 2.107952
HEM6_HUMAN	Fu: 1005 phos	F16PA_ECOLI	Fu: 311 citri	2OWZ	2AEX	2OX3			Sc=5.64422, min distance = 2.096231
HEM6_HUMAN	Fu: 439351 3-	AROQ_HELPY	Fu: 311 citri	2C4V	2AEX	1J2Y			Sc=6.04165, min distance = 2.024704
HEM6_HUMAN	Fu: 439459 Hc	NIFD_KLEPN	Fu: 311 citri	1H1L	2AEX	1QGU		0.92	Sc=6.10075, min distance = 2.075315
HEM6_HUMAN	Fu: 439459 Hc	NIFK_KLEPN	Fu: 311 citri	1H1L	2AEX	1QGU		0.92	Sc=6.10613, min distance = 2.101152
HEM6_HUMAN	Fu: 439655 d-	MENF_ECOLI	Fu: 311 citri	3BZM	2AEX	2EUA			Sc=5.79788, min distance = 1.872601
HEM6_HUMAN	Fu: 51 2-Oxog	SERA_ECOLI	Fu: 311 citri	2P9E	2AEX	1YBA		0.76	Sc=5.87464, min distance = 1.065084
HEMAT_BACSU	1 11957364	HMOX1_HUMAN	Fu: 444124 HE	1OZW	1OR4	1S13		0.86	Sc=6.41581, min distance = 2.300784
HEMAT_BACSU	1 11957370	HMOX1_HUMAN	Fu: 444124 HE	1OZW	1OR4	1TWN			Sc=6.43595, min distance = 2.285170
HEMAT_BACSU	1 11957371	HMOX1_HUMAN	Fu: 444124 HE	1OZW	1OR4	1TWR			Sc=6.46472, min distance = 1.996445
HEMAT_BACSU	1 11957385	MYG_PHYCA	Fu: 444124 HE	1U7R	1OR4	2CMM			Sc=5.86404, min distance = 2.201635
HEMA_I18A0	Fu: 4369268 C	Q309D1_9AGAR	1 24139 ace	2C4D	1RUZ	2BWM		0.88	Sc=5.79023, min distance = 2.553148

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HEMA_I18A0	F1	94214	Met	MBL1_RAT	Full	82313	1rd	1KWV	1RUZ	1AFA			Sc=5.8196, min distance = 1.7111230
HEMA_I63A3	F1	448418	DA	Q82500_9INFA	I	444885	O-	1RVVT	1MQM	1RV0	38.72	0.98	Sc=6.32575, min distance = 2.168711
HEMH_HUMAN	F1	11957355		CY1_BOVIN	Ful	444098	HE	1L0N	2QD2	1L0L		0.77	Sc=6.60387, min distance = 2.067734
HEMH_HUMAN	F1	11957360		CY1_BOVIN	Ful	444098	HE	1L0N	2QD2	1NTM			Sc=6.60669, min distance = 2.116262
HEMH_HUMAN	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	2QD2	2CMM			Sc=5.92098, min distance = 2.413277
HEMK_ECOLI	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2B3T	1Z3C		0.91	Sc=6.58785, min distance = 2.473355
HEMK_ECOLI	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2B3T	1JQE		0.95	Sc=6.54865, min distance = 2.547075
HEMK_ECOLI	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2B3T	1JG2		0.84	Sc=6.34279, min distance = 2.579691
HEMK_ECOLI	F1	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	2B3T	1QAQ		0.88	Sc=6.59715, min distance = 2.597149
HEMO_RABIT	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1QHU	2CMM			Sc=6.20064, min distance = 2.133805
HEXA_HUMAN	F1	446429	1f	HEXB_HUMAN	Fu	446115	NG	1NP0	2GK1	1NOW			Sc=6.09825, min distance = 2.332755
HEXB_HUMAN	F1	444162	CI	Q54276_SERMA	I	87901	EIN	1UR8	1O7A	1UR9	0.78		Sc=6.05212, min distance = 2.656025
HEX_ADE02	Fu	444389	N	IPSP_HUMAN	Fu	311	citri	2HI9	1P2Z	3DY0			Sc=5.68307, min distance = 1.281624
HEX_ADE02	Fu	445905	1g	AROQ_HELPHY	Fu	311	citri	2C4V	1P2Z	2C57			Sc=5.73555, min distance = 2.664620
HEX_ADE02	Fu	448573	FI	CASP7_HUMAN	Fu	311	citri	2QL9	1P2Z	1SHL			Sc=6.00134, min distance = 0.922307
HEX_ADE02	Fu	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1P2Z	1YBA	0.76		Sc=5.62282, min distance = 1.881825
HEX_ADE02	Fu	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	1P2Z	1H0J			Sc=5.78575, min distance = 0.198098
HGDC_ACIFE	F1	3454	ganc	KITH_HHV11	Fu	6022	Aden	2VTK	1HUX	1KI2			Sc=6.14376, min distance = 2.027734
HGDC_ACIFE	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1HUX	2ZGZ	0.79		Sc=6.47233, min distance = 2.026154
HGDC_ACIFE	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HUX	1E1X			Sc=6.18641, min distance = 1.636224
HGDC_ACIFE	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HUX	1GZ8			Sc=6.17643, min distance = 2.290234
HGDC_ACIFE	F1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	1HUX	1HIY	0.97		Sc=6.44121, min distance = 1.765098
HGDC_ACIFE	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HUX	1E1V			Sc=6.15853, min distance = 1.836030
HGDC_ACIFE	F1	4725	pend	KITH_HHV11	Fu	6022	Aden	2VTK	1HUX	1KI3			Sc=6.18561, min distance = 1.478504
HGDC_ACIFE	F1	5957	Ader	Q53W83_THET8	I	6022	Aden	1V1A	1HUX	1V1B	0.99		Sc=6.46543, min distance = 2.034225
HGDC_ACIFE	F1	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1HUX	2ZIA			Sc=6.30768, min distance = 2.136691
HGDC_ACIFE	F1	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	1HUX	2CVV			Sc=6.32317, min distance = 2.203652
HGDC_ACIFE	F1	6338566	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1HUX	1D1C			Sc=6.24785, min distance = 2.029482
HGDC_ACIFE	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1HUX	2ZGY	0.8		Sc=6.42476, min distance = 2.163570
HGDC_ACIFE	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	1HUX	2CVW	0.8		Sc=6.43911, min distance = 2.205214
HGF_HUMAN	Fu	164795	N	RBCMT_PEA	Ful	23831	HEP	1MLV	1BHT	2H2J			Sc=5.76007, min distance = 1.984035
HGF_HUMAN	Fu	165293	De	CTXA3_NAJAT	Fu	444389	N	1XT3	1GMO	2BHI			Sc=5.6666, min distance = 0.7433135
HGF_HUMAN	Fu	854023	Eq	Q8WSF8_APLCA	I	23831	HEP	2BR7	1BHT	2BYQ			Sc=5.90081, min distance = 1.218027
HGXR_TOXGO	F1	11287125		TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	2BBF			Sc=6.21184, min distance = 1.431332
HGXR_TOXGO	F1	168120	Pe	HINT1_RABIT	Fu	6804	guan	3RHN	1QK3	5RHN	0.78		Sc=6.40846, min distance = 1.926848
HGXR_TOXGO	F1	171	preQ1	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	3BLD			Sc=6.00006, min distance = 1.320131
HGXR_TOXGO	F1	190	aden	RICI_RICCO	Fu	100684	9-	1IL4	1FSG	2P8N			Sc=5.76959, min distance = 2.890121

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HGXR_TOXGO	F1	24741806	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	2Z7K		Sc=6.27772, min distance = 1.324249	
HGXR_TOXGO	F1	445390	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	1ENU		Sc=6.09147, min distance = 1.438672	
HGXR_TOXGO	F1	445497	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	1F3E		Sc=6.13286, min distance = 1.897187	
HGXR_TOXGO	F1	446312	RICI_RICCO	Fu	100684	9-	1IL4	1FSG	1IL9		Sc=5.92452, min distance = 2.025410	
HGXR_TOXGO	F1	446623	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	1K4H		Sc=6.27522, min distance = 0.875419	
HGXR_TOXGO	F1	447262	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	2Z1W		Sc=6.15687, min distance = 2.212324	
HGXR_TOXGO	F1	448010	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	1R5Y		Sc=6.08118, min distance = 1.329734	
HGXR_TOXGO	F1	448488	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	1S38		Sc=6.03424, min distance = 2.194330	
HGXR_TOXGO	F1	6022	Ader	NDK_PYRHO	Ful	6804	guan	2DXF	1QK3	2DYA	0.8	Sc=6.47813, min distance = 1.453259
HGXR_TOXGO	F1	65110	AIC	PURO_METTH	Fu	8582	Inos	2NTK	1QK4	2NTL	0.97	Sc=6.30372, min distance = 1.619469
HGXR_TOXGO	F1	764	guan	TGT_ZYMMO	Ful	100684	9-	1Q2R	1FSG	2PWU		Sc=5.87401, min distance = 2.628879
HGXR_TOXGO	F1	8977	1dar	NDK_PYRHO	Ful	6804	guan	2DXF	1QK3	2DXE	0.99	Sc=6.46763, min distance = 2.201782
HGXR_TOXGO	F1	96253	7-I	RICI_RICCO	Fu	100684	9-	1IL4	1FSG	1IL3		Sc=5.90589, min distance = 2.752040
HGXR_TRIFO	F1	168120	Pe	HINT1_RABIT	Fu	6804	guan	3RHN	1HGX	5RHN	0.78	Sc=6.3787, min distance = 2.107770
HGXR_TRIFO	F1	444699	1k	HPRT_HUMAN	Fu	6804	guan	1HMP	1HGX	1BZY		Sc=6.44981, min distance = 2.118160
HINT1_HUMAN	I	440641	1n	O57693_THETE	I	6083	aden	1UXU	1KPF	1UXR		Sc=5.98364, min distance = 2.079306
HINT1_HUMAN	I	445432	CI	SYQ_ECOLI	Ful	6083	aden	1ZJW	1KPF	1QTQ	0.84	Sc=6.0658, min distance = 2.171020
HINT1_HUMAN	I	6804	guar	PDE10_HUMAN	Fu	6083	aden	2OUN	1KPF	2OUQ	0.8	Sc=5.89723, min distance = 0
HINT1_HUMAN	I	9547921	G	SYQ_ECOLI	Ful	6083	aden	1ZJW	1KPF	2RE8	0.82	Sc=6.15865, min distance = 2.201050
HIS1_ECOLI	F1	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1H3D	1GFZ		Sc=5.71163, min distance = 2.652909
HIS1_ECOLI	F1	403186	CI	PYGM_RABIT	Fu	6083	aden	8GPB	1H3D	1Z62		Sc=6.34829, min distance = 2.322320
HIS1_ECOLI	F1	445736	5	SYS_THET2	Ful	6083	aden	1SES	1H3D	1SET	0.86	Sc=5.99674, min distance = 2.288989
HIS1_ECOLI	F1	5281672	n	PIM1_HUMAN	Fu	6083	aden	1YXU	1H3D	2O63		Sc=6.35754, min distance = 2.771160
HIS1_ECOLI	F1	6022	Ader	PSPF_ECOLI	Fu	6083	aden	2VII	1H3D	2C98	0.99	Sc=6.07018, min distance = 2.098059
HIS1_ECOLI	F1	65110	AIC	AAKG1_HUMAN	Fu	6083	aden	2UV4	1H3D	2UV5	0.79	Sc=6.27658, min distance = 2.451147
HIS1_ECOLI	F1	65110	AIC	YL28_SCHPO	Fu	6083	aden	2OOX	1H3D	2QRE	0.79	Sc=5.8945, min distance = 2.198932
HIS1_ECOLI	F1	65533	cor	O57693_THETE	I	6083	aden	1UXU	1H3D	1UXT		Sc=5.9636, min distance = 2.103931
HIS1_ECOLI	F1	6804	guar	NDK_PYRHO	Ful	6083	aden	2DXD	1H3D	2DXF	0.8	Sc=5.92734, min distance = 2.689292
HIS1_MYCTU	F1	656966	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	1NH8	1Y2E		Sc=5.70849, min distance = 1.912122
HIS4_YEAST	F1	445496	TE	A2NHM3_MOUSE	I	311	citri	1ZEA	2AGK	1F3D		Sc=6.1846, min distance = 1.066032
HIS4_YEAST	F1	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	2AGK	1YBA	0.76	Sc=5.71033, min distance = 1.755220
HIS4_YEAST	F1	9547936	2	PYRB_ECOLI	Fu	311	citri	1R0B	2AGK	2FZC		Sc=5.65846, min distance = 0.779100
HIS8_CORGL	F1	444286	N-	AAT_ECOLI	Ful	1053	pyri	2Q7W	3CQ5	1ASL	0.9	Sc=6.51695, min distance = 2.149564
HIS8_CORGL	F1	444292	PI	AAT_ECOLI	Ful	1053	pyri	2Q7W	3CQ5	1ARG	0.9	Sc=6.48238, min distance = 2.184872
HIS8_CORGL	F1	444293	PI	HIS8_ECOLI	Fu	1053	pyri	1FG7	3CQ5	1GEY	0.89	Sc=6.51038, min distance = 2.142347
HIS8_CORGL	F1	444362	NE	AAT_ECOLI	Ful	1053	pyri	2Q7W	3CQ5	1SPA		Sc=6.131, min distance = 2.12614792
HIS8_CORGL	F1	845	histi	HIS8_ECOLI	Fu	1053	pyri	1FG7	3CQ5	1GEX		Sc=5.88048, min distance = 2.061090

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HIS8_ECOLI	F1	3744	Indd	AAT_ECOLI	Ful	1053	pyri	2Q7W	1FG7	1AHF		Sc=5.87107, min distance = 2.019031
HIS8_ECOLI	F1	4369488	E	AAT_ECOLI	Ful	1053	pyri	2Q7W	1FG7	1X29	0.89	Sc=6.52676, min distance = 2.221628
HIS8_ECOLI	F1	444286	N	AAT_ECOLI	Ful	1053	pyri	2Q7W	1FG7	1ASL	0.9	Sc=6.04762, min distance = 1.955944
HIS8_ECOLI	F1	444292	PI	AAT_ECOLI	Ful	1053	pyri	2Q7W	1FG7	1ARG	0.9	Sc=6.01746, min distance = 2.135606
HIS8_ECOLI	F1	6140	L-ph	KAT1_HUMAN	Fu	1053	pyri	1W7N	1FG7	1W7M		Sc=5.74847, min distance = 2.606767
HIS8_THEMA	F1	1052	pyri	PDXK_SHEEP	Fu	95687	Dec	1RFU	1UU2	1RFT	0.92	Sc=5.9307, min distance = 2.1945211
HIS8_THEMA	F1	3744	Indd	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1AHF		Sc=5.90383, min distance = 1.242639
HIS8_THEMA	F1	4369488	E	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1X29	0.89	Sc=6.07846, min distance = 2.341480
HIS8_THEMA	F1	444286	N	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1ASL	0.9	Sc=6.04762, min distance = 2.124001
HIS8_THEMA	F1	444292	PI	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1ARG	0.9	Sc=6.46142, min distance = 1.865931
HIS8_THEMA	F1	444293	PI	HIS8_ECOLI	Fu	1053	pyri	1FG7	1UU1	1GEY	0.89	Sc=6.03032, min distance = 2.261469
HIS8_THEMA	F1	444362	NE	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1SPA		Sc=6.12908, min distance = 2.121090
HIS8_THEMA	F1	444773	LE	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1C9C	0.93	Sc=6.38255, min distance = 2.179422
HIS8_THEMA	F1	444861	CI	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1CQ7	0.92	Sc=6.44668, min distance = 2.386168
HIS8_THEMA	F1	444862	CI	AAT_ECOLI	Ful	1053	pyri	2Q7W	1UU1	1CQ8	0.91	Sc=6.46511, min distance = 2.437150
HIS8_THEMA	F1	6140	L-ph	KAT1_HUMAN	Fu	1053	pyri	1W7N	1UU1	1W7M		Sc=5.76659, min distance = 2.198540
HISJ_ECOLI	F1	439767	Ma	HNL_HEVBR	Ful	6274	hist	1YAS	1HSL	1YB6		Sc=5.69304, min distance = 2.512891
HISJ_ECOLI	F1	5962	L-ly	ARGT_SALTY	Fu	6274	hist	1LAG	1HSL	1LST		Sc=5.78164, min distance = 2.736061
HISJ_ECOLI	F1	6322	L-ar	ARGT_SALTY	Fu	6274	hist	1LAG	1HSL	1LAF		Sc=5.9839, min distance = 2.7886641
HISP_SALTY	F1	3973	nche	PK3CG_PIG	Ful	5957	Aden	1E8X	1B0U	1E7V		Sc=5.74613, min distance = 2.189264
HISP_SALTY	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	1B0U	2JA3	0.99	Sc=5.92496, min distance = 0.865339
HISP_SALTY	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1B0U	2Q0E	0.8	Sc=5.66514, min distance = 2.051571
HISX_ECOLI	F1	1986	acet	CAH1_HUMAN	Fu	6274	hist	2FW4	1KAH	1AZM		Sc=5.62816, min distance = 0.761788
HISX_ECOLI	F1	445794	AD	G3P_PALVE	Ful	5893	nadi	1DSS	1KAE	1IHY		Sc=6.12682, min distance = 1.097749
HISX_ECOLI	F1	5962	L-ly	ARGT_SALTY	Fu	6274	hist	1LAG	1KAH	1LST		Sc=5.70923, min distance = 2.126019
HISX_ECOLI	F1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1KAE	2BJA		Sc=6.01807, min distance = 2.310662
HLDD_ECOLI	F1	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	1EQ2	2ETM		Sc=6.35053, min distance = 2.049052
HLDD_ECOLI	F1	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	2R3J		Sc=6.27438, min distance = 1.386322
HLDD_ECOLI	F1	24832037		PGK1_HUMAN	Fu	6022	Aden	2ZGV	1EQ2	3C3C		Sc=5.87694, min distance = 1.677158
HLDD_ECOLI	F1	2608	ljsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	1JSV		Sc=6.01127, min distance = 2.727758
HLDD_ECOLI	F1	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	1EQ2	1GJV	0.99	Sc=5.95772, min distance = 2.536110
HLDD_ECOLI	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1EQ2	1W9I	0.91	Sc=5.95926, min distance = 2.209191
HLDD_ECOLI	F1	447955	lg	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	1PXI		Sc=5.73641, min distance = 2.128340
HLDD_ECOLI	F1	5327131	T	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	2C69		Sc=6.32546, min distance = 2.115818
HLDD_ECOLI	F1	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	2C6K		Sc=6.36957, min distance = 2.090642
HLDD_ECOLI	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1EQ2	2ERZ		Sc=6.15585, min distance = 2.212788
HLDD_ECOLI	F1	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	1EQ2	1Q12	0.99	Sc=6.40253, min distance = 1.316279

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HLDD_ECOLI	Ft	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1EQ2	2R7M	0.99	Sc=6.33353, min distance = 2.38262
HLDD_ECOLI	Ft	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1EQ2	1FMO	0.95	Sc=6.17772, min distance = 2.61945
HLDD_ECOLI	Ft	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1EQ2	2PO2		Sc=5.78566, min distance = 2.09955
HLDD_ECOLI	Ft	6420139	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	2C5V		Sc=6.26679, min distance = 2.12392
HLDD_ECOLI	Ft	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1EQ2	2DXF	0.8	Sc=6.36337, min distance = 2.35186
HLDD_ECOLI	Ft	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	1EQ2	1XJE	0.8	Sc=5.96313, min distance = 1.90219
HLDD_ECOLI	Ft	9547890	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	1W8C		Sc=6.20185, min distance = 2.60254
HLDD_ECOLI	Ft	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EQ2	2VTJ		Sc=5.82781, min distance = 1.71328
HLYBP_ECOLX	I	11608401		KAPCA_BOVIN	Ft	5957	Aden	1Q24	1XEF	2UVY		Sc=5.92263, min distance = 2.17965
HLYBP_ECOLX	I	16122608		PDPK1_HUMAN	Ft	5957	Aden	2BIY	1XEF	2PE1		Sc=6.12271, min distance = 3.01157
HLYBP_ECOLX	I	6176	Cyti	Q381M1_9TRYP	I	5957	Aden	2Q0D	1XEF	2Q0C		Sc=6.32611, min distance = 1.92100
HLYBP_ECOLX	I	6830	guar	Q381M1_9TRYP	I	5957	Aden	2Q0D	1XEF	2Q0E	0.8	Sc=5.97799, min distance = 1.84686
HLYBP_ECOLX	I	91532	AME	INSR_HUMAN	Fu	5957	Aden	3BU5	1XEF	1I44	0.99	Sc=5.97446, min distance = 2.13725
HLYBP_ECOLX	I	91532	AME	PURT_ECOLI	Fu	5957	Aden	1KJ8	1XEF	1KJI	0.99	Sc=6.00681, min distance = 1.53830
HMDH_HUMAN	Ft	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1HW8	2VTR		Sc=6.02114, min distance = 1.38866
HMDH_HUMAN	Ft	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HW8	1DM2		Sc=6.24289, min distance = 0.64786
HMDH_HUMAN	Ft	447652	In	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HW8	1OIQ		Sc=6.1787, min distance = 0.99296
HMDH_HUMAN	Ft	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HW8	3EJ1		Sc=6.27239, min distance = 0.17323
HMDH_HUMAN	Ft	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1HW8	2DXE	0.8	Sc=5.65928, min distance = 2.19856
HMOX1_HUMAN	I	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1OZW	2CMM		Sc=6.01364, min distance = 2.15576
HMOX1_RAT	Fu	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	1DVG	1BEQ	0.81	Sc=6.40404, min distance = 2.47466
HMOX1_RAT	Fu	11957353		HBA_HORSE	Fu	444098	HE	2D5X	1DVG	1IWH	0.83	Sc=6.36291, min distance = 2.08673
HMOX1_RAT	Fu	11957353		HBA_HORSE	Fu	444124	HE	1Y8I	1J02	1IWH	0.87	Sc=6.38348, min distance = 2.01026
HMOX1_RAT	Fu	11957353		HBB_HORSE	Fu	444098	HE	2D5X	1DVG	1IWH	0.83	Sc=6.36215, min distance = 2.14271
HMOX1_RAT	Fu	11957363		HBA_HUMAN	Fu	444124	HE	1NQP	1J02	1RQA	0.81	Sc=6.38765, min distance = 2.17103
HMOX1_RAT	Fu	11957363		HBB_HUMAN	Fu	444098	HE	1J40	1DVG	1RQA	0.77	Sc=6.37093, min distance = 2.01954
HMOX1_RAT	Fu	11957363		HBB_HUMAN	Fu	444124	HE	1NQP	1J02	1RQA	0.81	Sc=6.68905, min distance = 2.01213
HMOX1_RAT	Fu	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1DVG	2CMM		Sc=6.17618, min distance = 2.09644
HMOX1_RAT	Fu	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1J02	2CMM		Sc=6.16957, min distance = 2.33076
HMOX1_RAT	Fu	11970220		CCPR_YEAST	Fu	444098	HE	2EUT	1DVG	1BEP	0.8	Sc=6.42317, min distance = 2.51832
HMOX1_RAT	Fu	11970221		CCPR_YEAST	Fu	444098	HE	2EUT	1DVG	1BES	0.83	Sc=6.37021, min distance = 2.54722
HMOX1_RAT	Fu	11970242		CCPR_YEAST	Fu	444098	HE	2EUT	1DVG	1CPE	0.83	Sc=6.40404, min distance = 2.36518
HMOX1_RAT	Fu	126994	CI	CCPR_YEAST	Fu	444098	HE	2EUT	1DVG	1Z53	0.77	Sc=6.37286, min distance = 2.54901
HMOX1_RAT	Fu	444095	HE	RCEL_RHOVI	Fu	444124	HE	3D38	1J02	1DXR	0.91	Sc=6.73075, min distance = 2.30780
HMOX1_RAT	Fu	444207	HE	HBA_HORSE	Fu	444124	HE	1Y8I	1J02	2ZLW	0.99	Sc=6.68497, min distance = 2.29485
HMOX1_RAT	Fu	444522	HE	Q83WG3_9ACTO	I	444124	HE	2Z3U	1J02	2Z3T	0.99	Sc=6.33465, min distance = 2.09043
HMOX2_HUMAN	I	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	2QPP	1BEQ	0.81	Sc=6.34281, min distance = 2.29286

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HMOX2_HUMAN	1	11957353	HBB_HORSE	Ful	444124	HE	1Y8I	2RGZ	1IWH	0.87	Sc=6.60986, min distance = 2.16917
HMOX2_HUMAN	1	11957363	HBB_HUMAN	Ful	444124	HE	1NQP	2RGZ	1RQA	0.81	Sc=6.53189, min distance = 2.02364
HMOX2_HUMAN	1	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	2RGZ	1S13	56.25	0.86 Sc=6.51942, min distance = 2.35896
HMOX2_HUMAN	1	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	2RGZ	1TWR	56.25	Sc=6.50851, min distance = 2.21973
HMOX2_HUMAN	1	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2QPP	2CMM		Sc=6.13034, min distance = 1.90753
HMOX2_HUMAN	1	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	2RGZ	2CMM		Sc=5.98736, min distance = 2.10140
HMOX2_HUMAN	1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	2QPP	1BEM	0.83	Sc=6.35011, min distance = 2.26303
HMOX2_HUMAN	1	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	2QPP	1CPE	0.83	Sc=6.34344, min distance = 2.18553
HMOX2_HUMAN	1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2QPP	1Z53	0.77	Sc=6.34634, min distance = 2.53149
HMOX2_HUMAN	1	444522	Q83WG3_9ACTO	1	444124	HE	2Z3U	2RGZ	2Z3T	0.99	Sc=6.25895, min distance = 2.27439
HMP_ECOLI	Fu	11957353	HBB_HORSE	Ful	444124	HE	1Y8I	1GVH	1IWH	0.87	Sc=6.76704, min distance = 2.13712
HMP_ECOLI	Fu	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	1GVH	1TWN		Sc=6.5889, min distance = 2.31356
HMP_ECOLI	Fu	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1GVH	1TWR		Sc=6.60453, min distance = 2.63566
HMP_ECOLI	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1GVH	2CMM		Sc=6.23763, min distance = 2.57966
HMP_ECOLI	Fu	16214774	CP51_MYCTU	Fu	444124	HE	2CIB	1GVH	2CI0	0.95	Sc=6.54378, min distance = 2.36322
HMP_ECOLI	Fu	39042	HBA_HORSE	Ful	444124	HE	1Y8I	1GVH	1IWH		Sc=6.2072, min distance = 2.08577
HMP_ECOLI	Fu	444207	HBB_HORSE	Ful	444124	HE	1Y8I	1GVH	2ZLW	0.99	Sc=6.7615, min distance = 2.19672
HMP_ECOLI	Fu	444207	PER_COPCI	Ful	444124	HE	1LY9	1GVH	1LY8	0.99	Sc=6.75738, min distance = 1.99260
HMP_ECOLI	Fu	444522	BFR_ECOLI	Ful	444124	HE	1BFR	1GVH	1BCF	0.99	Sc=6.77045, min distance = 2.29871
HMP_ECOLI	Fu	444522	HBA_PAGBE	Ful	444124	HE	1S5X	1GVH	1PBX	0.99	Sc=6.76391, min distance = 2.45354
HMP_ECOLI	Fu	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	1GVH	1I3D	0.89	Sc=6.76524, min distance = 2.03971
HMP_ECOLI	Fu	446332	MYG_PHYCA	Ful	444124	HE	1U7R	1GVH	1IOP	0.8	Sc=6.69826, min distance = 2.20102
HMP_RALEH	Fu	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1CQX	1TWR		Sc=6.32056, min distance = 2.28163
HMUO_CORDI	Fu	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1IW1	2CMM		Sc=6.15698, min distance = 2.34410
HMUO_CORDI	Fu	444095	RCEL_RHOVI	Fu	444124	HE	3D38	1IW1	1DXR	0.91	Sc=6.34763, min distance = 2.15602
HMUO_CORDI	Fu	6420167	CPXA_PSEPU	Fu	444124	HE	1RE9	1IW1	2FE6	0.89	Sc=6.41798, min distance = 2.24556
HNF4G_HUMAN	1	14253	FABP4_MOUSE	Fu	985	palmi	1LIE	1LV2	1LIC		Sc=5.66679, min distance = 2.38927
HNF4G_HUMAN	1	14368760	LPXC_AQUAE	Fu	985	palmi	2G03	1LV2	2O3Z		Sc=5.95231, min distance = 2.05067
HNL_HEVBR	Fu	165271	HISX_ECOLI	Fu	6274	hist	1KAH	1YAS	1KAE	0.89	Sc=5.62455, min distance = 1.65118
HNL_HEVBR	Fu	6322	ARGT_SALTY	Fu	6274	hist	1LAG	1YAS	1LAF		Sc=5.73598, min distance = 2.19725
HNMT_HUMAN	Fu	445241	ACES_TORCA	Fu	444211	th	1ACJ	2AOW	1E66		Sc=6.07897, min distance = 2.03804
HNMT_HUMAN	Fu	60961	PIMT_PYRFU	Fu	439155	Ad	1JG1	2AOT	1JG2	0.84	Sc=6.24827, min distance = 2.36613
HNMT_HUMAN	Fu	65482	MTR1_RHOSH	Fu	439155	Ad	1NW7	2AOT	1NW6	0.88	Sc=5.76594, min distance = 2.20990
HN_NDV B	Full	449201	NRAM_I75A5	Fu	65309	DAN	2QWC	1USX	1XOG		Sc=6.21184, min distance = 2.43937
HN_NDV B	Full	60855	NRAM_I75A5	Fu	65309	DAN	2QWC	1USX	1NNC	0.88	Sc=5.92183, min distance = 2.35533
HN_NDV B	Full	60855	Q6WJ03_9PARA	1	65309	DAN	1V3D	1USX	1V3E	0.88	Sc=5.61549, min distance = 1.93485
HN_NDV K	Full	439353	HA33_CLOBO	Fu	445063	La	2EHI	1E8U	2EHN		Sc=5.70531, min distance = 2.59741

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HN_NDVK Full: 60855 zar	NRAM_I75A5 Fu: 65309 DAN 2QWC	1E8V	1NNC	0.88	Sc=5.6207, min distance = 2.678951
HO2_SYNY3 Fu: 11957385	MYG_PHYCA Ful: 444124 HE 1U7R	1WOX	2CMM		Sc=6.1963, min distance = 1.999963
HO2_SYNY3 Fu: 444207 He	CP119_SULTO Fu: 444124 HE 3B4X	1WOX	1UE8	0.99	Sc=6.72667, min distance = 2.08731
HO2_SYNY3 Fu: 444207 He	HBB_HORSE Ful: 444124 HE 1Y8I	1WOX	2ZLW	0.99	Sc=6.74553, min distance = 1.64017
HO2_SYNY3 Fu: 444522 HE	NOS3_BOVIN Fu: 444124 HE 1ZZS	1WOX	2HX2	0.99	Sc=6.75325, min distance = 1.50485
HO2_SYNY3 Fu: 444668 CI	MYG_PHYCA Ful: 444124 HE 1U7R	1WOX	1BVD	0.84	Sc=6.79846, min distance = 1.89972
HO2_SYNY3 Fu: 5326592 C	HMOX1_RAT Ful: 444124 HE 1J02	1WOX	1J2C	43.66 0.84	Sc=6.68224, min distance = 2.53315
HOME2_MOUSE I 16750041	PYRB_ECOLI Fu: 311 citri 1R0B	1I7A	2IPO		Sc=5.81801, min distance = 2.59169
HOME2_MOUSE I 448573 FI	CASP7_HUMAN Fu: 311 citri 2QL9	1I7A	1SHL		Sc=5.95457, min distance = 1.51609
HOME2_MOUSE I 51 2-Oxop	SERA_ECOLI Fu: 311 citri 2P9E	1I7A	1YBA	0.76	Sc=5.62282, min distance = 1.46538
HPPK_ECOLI F 447377 1r	SYP_RHOPA Ful: 5957 Aden 2I4O	1DY3	2I4N	0.84	Sc=6.00103, min distance = 2.10813
HPRT_ECOLI F 100252 Ri	IMDH_TRIFO Fu: 8582 Inos 1MEH	1G9S	1ME8		Sc=6.1902, min distance = 2.059649
HPRT_ECOLI F 24316 cyc	PDE10_HUMAN Fu: 6804 guan 2OUQ	1G9T	2OUU	0.97	Sc=5.80176, min distance = 0
HPRT_ECOLI F 3758 IBMX	PDE5A_HUMAN Fu: 6804 guan 1T9S	1G9T	1RKP		Sc=5.97503, min distance = 2.04938
HPRT_ECOLI F 444699 1k	HPRT_HUMAN Fu: 6804 guan 1HMP	1G9T	1BZY		Sc=6.43151, min distance = 2.08526
HPRT_ECOLI F 6030 Urid	PYRR_BACCL Fu: 6804 guan 1XZ8	1G9T	2IGB		Sc=6.202, min distance = 2.0122688
HPRT_ECOLI F 65110 AIC	PURO_METHH Fu: 8582 Inos 2NTK	1G9S	2NTL	0.97	Sc=6.19408, min distance = 1.59238
HPRT_ECOLI F 73323 Xar	IMDH_TRIFO Fu: 8582 Inos 1MEH	1G9S	1MEW	0.94	Sc=5.87669, min distance = 2.07413
HPRT_HUMAN F 168120 Pc	HINT1_RABIT Fu: 6804 guan 3RHN	1HMP	5RHN	0.78	Sc=6.36432, min distance = 2.08064
HPRT_HUMAN F 6030 Urid	PYRR_BACCL Fu: 6804 guan 1XZ8	1HMP	2IGB		Sc=6.27197, min distance = 2.00954
HPRT_HUMAN F 73323 Xar	HGXR_TOXGO Fu: 6804 guan 1QK3	1HMP	1QK5	41.55 0.95	Sc=6.41448, min distance = 1.85795
HPRT_HUMAN F 8582 Inos	HGXR_TOXGO Fu: 6804 guan 1QK3	1HMP	1QK4	41.55 0.99	Sc=6.46307, min distance = 0.82986
HPRT_HUMAN F 8582 Inos	HGXR_TOXGO Fu: 7339 PRPF 1FSG	1D6N	1QK4	41.55	Sc=6.36522, min distance = 2.08584
HPRT_HUMAN F 8582 Inos	HPRT_ECOLI Fu: 6804 guan 1G9T	1HMP	1G9S	0.99	Sc=6.36337, min distance = 2.46888
HPRT_HUMAN F 8582 Inos	Q4DRC4_TRYCR I 7339 PRPF 1I0L	1D6N	1P19	32.46	Sc=6.42271, min distance = 1.38111
HPRT_HUMAN F 8582 Inos	Q5SLS3_THET8 I 6804 guan 2YWT	1HMP	2YWU	35.48 0.99	Sc=6.35774, min distance = 2.50659
HPR_BACSU Fu: 180621 Me	UROK_HUMAN Fu: 62551 Pen 2O8T	2FXA	2VIN		Sc=5.81001, min distance = 0.78183
HQGT_ARATH F 6030 Urid	O87988_BORBR I 6031 Urid 2PZM	2VCH	2PZL	0.99	Sc=6.32307, min distance = 2.36514
HQGT_ARATH F 6030 Urid	PYRH_ECOLI Fu: 6031 Urid 2BND	2VCH	2BNE	0.99	Sc=6.32492, min distance = 2.14459
HQGT_ARATH F 8629 UDP	GSTA_BPT4 Ful: 6031 Urid 1XV5	2VCH	1Y6F	0.89	Sc=6.65859, min distance = 2.26047
HQGT_ARATH F 8629 UDP	Q5IFH7_MEDTR I 6031 Urid 2ACV	2VCH	2ACW	0.89	Sc=6.67116, min distance = 2.19826
HS3S5_HUMAN I 449392 1w	RNAS1_BOVIN Fu: 159296 1v 1O0F	3BD9	1W4P		Sc=6.03908, min distance = 2.02078
HS3SA_HUMAN I 15342951	ALBU_HUMAN Fu: 311 citri 1TF0	1T8T	3B9L		Sc=6.07042, min distance = 2.03617
HS3SA_HUMAN I 24180722	FGFR1_HUMAN Fu: 445701 CI 1FQ9	1T8U	3C4F		Sc=5.90571, min distance = 1.48122
HS3SB_HUMAN I 15342951	ALBU_HUMAN Fu: 311 citri 1TF0	1T8T	3B9L		Sc=6.07042, min distance = 2.03617
HS3SB_HUMAN I 24180722	FGFR1_HUMAN Fu: 445701 CI 1FQ9	1T8U	3C4F		Sc=5.90571, min distance = 1.48122
HS90A_HUMAN I 11963552	HSP82_YEAST F 6082103 2 2BRC	2BT0	2IWU	71.36	Sc=6.21962, min distance = 2.31413

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HS90A_HUMAN	1	398148	1d	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BYQ	1E1X			Sc=6.14531, min distance = 2.063196
HS90A_HUMAN	1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BYQ	1H0V			Sc=6.1422, min distance = 2.0742258
HS90A_HUMAN	1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	1BYQ	1HIY	0.97		Sc=5.94395, min distance = 1.592168
HS90A_HUMAN	1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BYQ	1PXI			Sc=5.63155, min distance = 2.329375
HS90A_HUMAN	1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1BYQ	2ZIA			Sc=5.76337, min distance = 2.137469
HS90A_HUMAN	1	6031	Urid	O33839_THEMA	1	6022	Aden	1XJK	1BYQ	1XJG			Sc=5.80502, min distance = 1.699140
HS90A_HUMAN	1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1BYQ	2VII	0.99		Sc=5.88517, min distance = 2.227657
HS90A_HUMAN	1	6102757	K	HSP82_YEAST	Fu	6082103	2	2BRC	2BT0	2BRE	71.36	0.82	Sc=6.3641, min distance = 2.5674006
HS90A_HUMAN	1	6323491	M	HSP82_YEAST	Fu	6082103	2	2BRC	2BT0	1BGQ	71.36		Sc=6.30745, min distance = 0.924577
HS90A_HUMAN	1	6323491	M	PDK3_HUMAN	Fu	6022	Aden	1Y80	1BYQ	2Q8I			Sc=6.29032, min distance = 2.700407
HS90A_HUMAN	1	6323491	M	TOP6B_SULSH	Fu	6022	Aden	1Z5B	1BYQ	2HKJ			Sc=6.32186, min distance = 2.177506
HS90A_HUMAN	1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1BYQ	2DXF		0.8	Sc=5.86007, min distance = 2.205148
HS90A_HUMAN	1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1BYQ	1QYE	53.62	0.89	Sc=5.99526, min distance = 2.842116
HS90B_HUMAN	1	10403821		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	3BM9			Sc=6.12469, min distance = 2.301627
HS90B_HUMAN	1	13373715		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2QF6			Sc=6.09574, min distance = 2.754729
HS90B_HUMAN	1	16058668		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2UWD			Sc=6.36276, min distance = 2.413500
HS90B_HUMAN	1	24812721		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	3D0B			Sc=6.36633, min distance = 2.646639
HS90B_HUMAN	1	24832021		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2QG0			Sc=6.34427, min distance = 2.422046
HS90B_HUMAN	1	24832022		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2QG2			Sc=6.27257, min distance = 2.584486
HS90B_HUMAN	1	24836816		HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	3BMY			Sc=6.18495, min distance = 2.451583
HS90B_HUMAN	1	448968	1u	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UY9	0.92		Sc=6.24785, min distance = 2.861657
HS90B_HUMAN	1	448970	1u	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UYD	0.91		Sc=6.32623, min distance = 2.600200
HS90B_HUMAN	1	448971	1u	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UYE	0.9		Sc=6.34098, min distance = 2.579032
HS90B_HUMAN	1	448972	1u	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UYF	0.88		Sc=6.35423, min distance = 2.643050
HS90B_HUMAN	1	448973	1u	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UYG	0.81		Sc=6.27225, min distance = 2.617420
HS90B_HUMAN	1	5327095	V	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2BSM			Sc=6.41773, min distance = 2.446208
HS90B_HUMAN	1	5496922	C	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UY7	0.89		Sc=6.20874, min distance = 2.805723
HS90B_HUMAN	1	5496923	C	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	1UY8	0.91		Sc=6.22514, min distance = 2.901523
HS90B_HUMAN	1	6082103	2	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2BT0			Sc=6.30515, min distance = 2.409893
HS90B_HUMAN	1	6102788	2	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2CCT			Sc=6.40369, min distance = 2.511323
HS90B_HUMAN	1	9549213	2	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2FWZ			Sc=6.27648, min distance = 3.060004
HS90B_HUMAN	1	9549229	C	HS90A_HUMAN	Fu	448965	1u	1UY6	1UYM	2H55	0.82		Sc=6.30789, min distance = 2.904612
HSD_MYCTU	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1NFF	1I3K	0.79		Sc=6.79153, min distance = 2.131647
HSD_MYCTU	Fu	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1NFF	1V35	0.79		Sc=6.78277, min distance = 2.279374
HSD_STREX	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2HSD	1I3K	0.79		Sc=6.76226, min distance = 2.683884
HSD_STREX	Fu	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2HSD	1UDB	0.79		Sc=6.75642, min distance = 2.551186
HSD_STREX	Fu	9547960	A	NPD_THEMA	Fu	5893	nadi	2H4H	2HSD	2H59			Sc=6.57657, min distance = 1.978643

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HSLU_ECOLI	F1	16750062	CSK2A_MAIZE	F1	33113	gar	1LP4	1E94	2OXD		Sc=5.69771, min distance = 1.963821
HSLU_ECOLI	F1	23653516	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HQY	2R3G		Sc=6.27533, min distance = 1.615202
HSLU_ECOLI	F1	24779675	CSK2A_MAIZE	F1	33113	gar	1LP4	1E94	2PVJ		Sc=6.38709, min distance = 2.000366
HSLU_ECOLI	F1	24864080	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HQY	2VTR		Sc=6.02268, min distance = 2.035667
HSLU_ECOLI	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DO0	1YDS	Sc=5.87585, min distance = 1.862889
HSLU_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DO0	1Q8W	Sc=5.96713, min distance = 2.046491
HSLU_ECOLI	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1E94	2ESM	Sc=5.94346, min distance = 2.167749
HSLU_ECOLI	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1HQY	1W9I	0.91 Sc=5.97258, min distance = 1.833052
HSLU_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1HQY	1COW	0.9 Sc=6.01735, min distance = 1.828589
HSLU_ECOLI	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HQY	1H0V	Sc=6.15372, min distance = 2.304229
HSLU_ECOLI	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DO0	1YDR	Sc=5.95366, min distance = 1.893696
HSLU_ECOLI	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HQY	1E1V	Sc=6.15251, min distance = 2.555404
HSLU_ECOLI	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HQY	1H1R	Sc=6.37881, min distance = 1.664639
HSLU_ECOLI	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1E94	2ERZ	Sc=6.1937, min distance = 2.1176640
HSLU_ECOLI	F1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1HQY	2ZIA	Sc=5.8688, min distance = 2.5260399
HSLU_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1DO0	2VII	0.98 Sc=6.32433, min distance = 2.378046
HSLU_ECOLI	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1E94	1Q97	0.93 Sc=6.16452, min distance = 2.687792
HSLU_ECOLI	F1	6102784	Z	PSPF_ECOLI	Fu	6022	Aden	2C98	1HQY	2C99	0.99 Sc=6.0229, min distance = 1.9407659
HSLU_ECOLI	F1	6338561	C	MYS2_DICDI	Fu	33113	gar	1MMN	1E94	1D0X	Sc=6.24209, min distance = 2.115889
HSLU_ECOLI	F1	6338562	C	MYS2_DICDI	Fu	5957	Aden	1FMW	1DO0	1D0Y	Sc=6.21966, min distance = 0
HSLU_ECOLI	F1	6338563	C	MYS2_DICDI	Fu	5957	Aden	1FMW	1DO0	1D0Z	Sc=6.25131, min distance = 0
HSLU_ECOLI	F1	657138	1z	PDPK1_HUMAN	F1	5957	Aden	2BIY	1DO0	1Z5M	Sc=6.69701, min distance = 1.959339
HSLU_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1DO0	2GNI	Sc=5.93159, min distance = 1.893879
HSLU_ECOLI	F1	8582	Inos	RNAS1_BOVIN	F1	6022	Aden	1O0H	1HQY	1Z6D	0.79 Sc=6.35869, min distance = 2.110679
HSLU_ECOLI	F1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	1HQY	1DAG	0.99 Sc=6.04166, min distance = 1.914077
HSLU_ECOLI	F1	91532	AMF	F263_HUMAN	Fu	6022	Aden	2AXN	1HQY	2DWP	0.99 Sc=5.764, min distance = 2.08934630
HSLU_ECOLI	F1	9547890	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HQY	1W8C	Sc=6.17175, min distance = 1.801659
HSLU_HAEIN	F1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2R3F	Sc=6.09002, min distance = 1.975398
HSLU_HAEIN	F1	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2R3J	Sc=6.28446, min distance = 1.926296
HSLU_HAEIN	F1	23653519		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2R3K	Sc=6.16667, min distance = 1.951981
HSLU_HAEIN	F1	23653520		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2R3L	Sc=6.28165, min distance = 2.015490
HSLU_HAEIN	F1	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2R3R	Sc=6.29397, min distance = 1.809239
HSLU_HAEIN	F1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2VTR	Sc=6.01127, min distance = 1.651726
HSLU_HAEIN	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1G41	1BS1	0.91 Sc=6.41877, min distance = 2.208506
HSLU_HAEIN	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	1GZ8	Sc=6.12546, min distance = 2.108688
HSLU_HAEIN	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	1E1V	Sc=6.1479, min distance = 2.3689909
HSLU_HAEIN	F1	5327130	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2C68	Sc=6.17415, min distance = 1.721122

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HSLU_HAEIN	F	5957	Ader	Q72H90_THET2	1	6022	Aden	2BEJ	1G41	2BEK	0.99	Sc=6.0282, min distance = 2.000590
HSLU_HAEIN	F	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1G41	3C4W	0.99	Sc=6.45435, min distance = 1.79119
HSLU_HAEIN	F	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1G41	2ZIA		Sc=5.87543, min distance = 2.47098
HSLU_HAEIN	F	6852201	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	2G9X		Sc=6.55606, min distance = 2.08726
HSLU_HAEIN	F	8582	Inos	RNAS1_BOVIN	Fu	6022	Aden	100H	1G41	1Z6D	0.79	Sc=6.36755, min distance = 2.11236
HSLU_HAEIN	F	91532	AMP	BIOD_ECOLI	Fu	6022	Aden	1DAD	1G41	1DAG	0.99	Sc=6.03112, min distance = 2.06275
HSLU_HAEIN	F	9547890	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G41	1W8C		Sc=6.17435, min distance = 1.82889
HSP71_HUMAN	I	15993	dAT	PRIM_BPT7	Ful	33113	gar	1E0J	2E8A	1CR2	0.97	Sc=6.51347, min distance = 2.02813
HSP71_HUMAN	I	15993	dAT	RECA_MYCS2	Fu	6022	Aden	2ZRO	1S3X	2ZR9	0.97	Sc=6.50935, min distance = 2.22071
HSP71_HUMAN	I	24752834		SYH_ECOLI	Ful	6083	aden	1HTT	1XQS	2EL9		Sc=6.62583, min distance = 1.53613
HSP71_HUMAN	I	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1XQS	1GFZ		Sc=5.86897, min distance = 2.00854
HSP71_HUMAN	I	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1S3X	2ZGZ	0.79	Sc=6.52714, min distance = 1.83699
HSP71_HUMAN	I	445321	CI	NADE_BACSU	Fu	6083	aden	2NSY	1XQS	1EE1	0.85	Sc=5.66972, min distance = 1.91222
HSP71_HUMAN	I	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1S3X	1H0V		Sc=6.31053, min distance = 2.22924
HSP71_HUMAN	I	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1S3X	1HIY	0.97	Sc=6.4803, min distance = 1.310481
HSP71_HUMAN	I	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	1XQS	1PG4	0.99	Sc=6.44444, min distance = 2.10372
HSP71_HUMAN	I	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1S3X	1PXI		Sc=5.83292, min distance = 2.19770
HSP71_HUMAN	I	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	1XQS	1UKY	0.99	Sc=5.62593, min distance = 2.33597
HSP71_HUMAN	I	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1S3X	2ZIA		Sc=6.3659, min distance = 1.978775
HSP71_HUMAN	I	60961	ade	Q84CU3_THETH	I	6083	aden	1V8S	1XQS	1V8Y	0.96	Sc=6.31367, min distance = 2.01078
HSP71_HUMAN	I	65110	AIC	YL28_SCHPO	Fu	6083	aden	200X	1XQS	2QRE	0.79	Sc=6.32606, min distance = 2.15138
HSP71_HUMAN	I	656966	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	1XQS	1Y2E		Sc=6.11816, min distance = 1.30076
HSP71_HUMAN	I	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	1XQS	1YXV		Sc=5.93424, min distance = 2.17370
HSP71_HUMAN	I	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1S3X	2DXF	0.8	Sc=6.43599, min distance = 2.12560
HSP71_HUMAN	I	6804	guar	Q9SSV1_NICGU	I	6083	aden	1VD1	1XQS	1VCZ	0.8	Sc=5.61771, min distance = 2.04412
HSP71_HUMAN	I	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	1XQS	2QN7	0.79	Sc=5.89808, min distance = 2.12168
HSP71_HUMAN	I	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1S3X	2ZGY	0.8	Sc=6.49293, min distance = 1.94952
HSP71_HUMAN	I	91532	AMP	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1S3X	2AFK	0.99	Sc=6.54071, min distance = 1.52452
HSP71_HUMAN	I	91532	AMP	PURP_METJA	Fu	6022	Aden	2R7N	1S3X	2R7K	0.99	Sc=6.54922, min distance = 2.13137
HSP71_HUMAN	I	91557	1tr	BLS_STRCL	Ful	6083	aden	1MC1	1XQS	1JGT	0.97	Sc=5.72201, min distance = 1.24737
HSP71_HUMAN	I	9547921	G	SYQ_ECOLI	Ful	6083	aden	1ZJW	1XQS	2RE8	0.82	Sc=6.00602, min distance = 2.62329
HSP7C_BOVIN	I	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2BUP	1YDS		Sc=5.94793, min distance = 2.01340
HSP7C_BOVIN	I	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1BUP	2ZGZ	0.79	Sc=6.54289, min distance = 1.93901
HSP7C_BOVIN	I	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1BUP	1BS1	0.91	Sc=6.45985, min distance = 2.17181
HSP7C_BOVIN	I	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BUP	1CKP		Sc=5.62651, min distance = 2.33156
HSP7C_BOVIN	I	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	2BUP	1COW	0.91	Sc=6.52755, min distance = 2.00131
HSP7C_BOVIN	I	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BUP	1H0V		Sc=6.32163, min distance = 2.07055

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HSP7C_BOVIN	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BUP	1PXI			Sc=5.84028, min distance = 2.141100
HSP7C_BOVIN	1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2BUP	1YDR			Sc=6.02048, min distance = 2.226377
HSP7C_BOVIN	1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1BUP	2ZIA			Sc=6.37681, min distance = 2.171338
HSP7C_BOVIN	1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	1NGJ	3CJ7	0.97		Sc=6.41554, min distance = 2.139460
HSP7C_BOVIN	1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	2BUP	2VII	0.98		Sc=6.39311, min distance = 2.168459
HSP7C_BOVIN	1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2BUP	2R7M	0.98		Sc=6.42465, min distance = 2.012009
HSP7C_BOVIN	1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1BUP	2R7M	0.99		Sc=6.4078, min distance = 2.1649284
HSP7C_BOVIN	1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1BUP	2DXF	0.8		Sc=6.44071, min distance = 2.178308
HSP7C_BOVIN	1	6852187	2	O57883_PYRHO	Fu	6022	Aden	1WNL	1BUP	2DTH	0.89		Sc=6.19015, min distance = 1.844109
HSP7C_BOVIN	1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1BUP	2ZGY	0.8		Sc=6.50046, min distance = 2.465884
HSP7C_BOVIN	1	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	2BUP	1DAG	0.99		Sc=6.53652, min distance = 2.188679
HSP7C_BOVIN	1	91532	AME	PURP_METJA	Fu	6022	Aden	2R7N	1BUP	2R7K	0.99		Sc=6.55619, min distance = 2.138827
HSP7F_YEAST	1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	3C7N	2ZGZ	0.79		Sc=6.52714, min distance = 2.317599
HSP7F_YEAST	1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	3C7N	1H0V			Sc=6.31131, min distance = 1.830678
HSP7F_YEAST	1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	3C7N	1ZTF	0.95		Sc=6.2974, min distance = 2.0944220
HSP7F_YEAST	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	3C7N	1PXI			Sc=5.8094, min distance = 1.9185718
HSP7F_YEAST	1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3D2F	1YDR			Sc=6.00204, min distance = 2.064120
HSP7F_YEAST	1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	3C7N	2ZIA			Sc=6.35746, min distance = 2.148790
HSP7F_YEAST	1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	3C7N	2VII	0.99		Sc=6.404, min distance = 2.07809910
HSP7F_YEAST	1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	3C7N	2R7M	0.99		Sc=6.39311, min distance = 2.022409
HSP7F_YEAST	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	3C7N	1FMO	0.95		Sc=6.29223, min distance = 2.136559
HSP7F_YEAST	1	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	3C7N	3EJ1			Sc=6.2773, min distance = 1.5554719
HSP7F_YEAST	1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	3C7N	2DXE	0.8		Sc=6.49442, min distance = 2.137422
HSP82_YEAST	1	10403821		HS90A_HUMAN	Fu	6022	Aden	1BYQ	1AMW	3BM9	71.36		Sc=6.07738, min distance = 2.439394
HSP82_YEAST	1	10403821		HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	3BM9	71.36		Sc=6.09434, min distance = 2.503519
HSP82_YEAST	1	10403821		HS90A_HUMAN	Fu	6914564	2	2FWY	1ZW9	3BM9	71.36		Sc=6.06692, min distance = 2.424350
HSP82_YEAST	1	13373715		HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	2QF6	71.36		Sc=6.1656, min distance = 2.4050232
HSP82_YEAST	1	164628	de	PMS2_HUMAN	Fu	6022	Aden	1EA6	1AMW	1H7U			Sc=5.96458, min distance = 1.210159
HSP82_YEAST	1	24812721		HS90A_HUMAN	Fu	6914564	2	2FWY	1ZW9	3D0B	71.36		Sc=6.22297, min distance = 2.816860
HSP82_YEAST	1	24832021		HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	2QG0	71.36		Sc=6.34534, min distance = 2.322710
HSP82_YEAST	1	24832022		HS90A_HUMAN	Fu	6914564	2	2FWY	1ZW9	2QG2	71.36		Sc=6.2174, min distance = 2.6226938
HSP82_YEAST	1	24836816		HS90A_HUMAN	Fu	6022	Aden	1BYQ	1AMW	3BMY	71.36		Sc=6.24524, min distance = 2.461879
HSP82_YEAST	1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1AMW	1H0V			Sc=6.12761, min distance = 2.391642
HSP82_YEAST	1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1AMW	1E1V			Sc=6.09693, min distance = 2.299508
HSP82_YEAST	1	5326935	1	HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	1YC4	71.36		Sc=6.30102, min distance = 2.746122
HSP82_YEAST	1	5327104	2	HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	2BYI	71.36		Sc=6.40803, min distance = 2.187348
HSP82_YEAST	1	6102787	2	HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	2CCS	71.36		Sc=6.0928, min distance = 2.8556389

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HSP82_YEAST	1	6102788	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1AMW	2CCT	71.36		Sc=6.37917, min distance = 2.07375
HSP82_YEAST	1	6102788	2	HS90A_HUMAN	Fu	6082103	2	2BT0	2BRC	2CCT	71.36		Sc=6.37531, min distance = 2.79797
HSP82_YEAST	1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1AMW	1QYE	52.88	0.89	Sc=5.97688, min distance = 2.79749
HTAI2_HUMAN	1	16129590		Y5224_ARATH	Fu	5886	NADF	1XQ6	2BKA	2Q4B		0.99	Sc=6.72907, min distance = 1.93227
HTPG_ECOLI	Fu	16058668		HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	2UWD			Sc=6.35948, min distance = 2.37431
HTPG_ECOLI	Fu	24832021		HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	2QG0			Sc=6.32739, min distance = 2.47589
HTPG_ECOLI	Fu	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	2IOR	1HIY		0.97	Sc=5.85826, min distance = 1.83455
HTPG_ECOLI	Fu	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IOR	1PXI			Sc=5.62898, min distance = 2.19477
HTPG_ECOLI	Fu	5326935	1	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	1YC4			Sc=6.28022, min distance = 2.72371
HTPG_ECOLI	Fu	5327095	V	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	2BSM			Sc=6.40618, min distance = 2.42817
HTPG_ECOLI	Fu	5403427	C	PDK4_HUMAN	Fu	6022	Aden	2ZKJ	2IOR	2ZDX			Sc=6.23088, min distance = 2.13732
HTPG_ECOLI	Fu	6082103	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	2BT0			Sc=6.29237, min distance = 2.21028
HTPG_ECOLI	Fu	6082103	2	HSP82_YEAST	Fu	6022	Aden	1AMW	2IOR	2BRC			Sc=6.31804, min distance = 2.46501
HTPG_ECOLI	Fu	6102787	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	2CCS			Sc=6.17195, min distance = 2.52465
HTPG_ECOLI	Fu	6102788	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2IOR	2CCT			Sc=6.40497, min distance = 2.37774
HTPG_ECOLI	Fu	6323491	M	ENPL_CANFA	Fu	6022	Aden	1TC6	2IOR	1QY8			Sc=6.27648, min distance = 2.61076
HTPG_ECOLI	Fu	6323491	M	HSP82_YEAST	Fu	6022	Aden	1AMW	2IOR	1BGQ			Sc=6.28261, min distance = 2.40641
HTPG_ECOLI	Fu	6323491	M	PDK3_HUMAN	Fu	6022	Aden	1Y80	2IOR	2Q8I			Sc=6.27648, min distance = 2.68193
HTPG_ECOLI	Fu	6323491	M	TOP6B_SULSH	Fu	6022	Aden	1Z5B	2IOR	2HKJ			Sc=6.31696, min distance = 2.17345
HTPG_ECOLI	Fu	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2IOR	1QYE		0.89	Sc=6.05449, min distance = 2.67373
HUCE1_HUMAN	I	12771338		MCES_HUMAN	Fu	439155	Ad	3BGV	2ZFU	3EPP		0.88	Sc=6.13083, min distance = 2.37958
HUCE1_HUMAN	I	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2ZFU	1Z3C		0.91	Sc=6.11415, min distance = 2.19181
HUCE1_HUMAN	I	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2ZFU	1JQE		0.95	Sc=6.06948, min distance = 2.34649
HUCE1_HUMAN	I	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2ZFU	1JG2		0.84	Sc=6.30124, min distance = 2.41929
HUCE1_HUMAN	I	65482	sin	MCES_ENCCU	Fu	439155	Ad	1RI1	2ZFU	2HV9		0.88	Sc=6.56768, min distance = 2.17382
HUCE1_HUMAN	I	65482	sin	PRMA_THET8	Fu	439155	Ad	3EGV	2ZFU	2ZBR		0.88	Sc=6.12356, min distance = 2.23814
HUGA_APIME	Fu	16058615		LYSC_CHICK	Fu	24139	ace	1LZB	1FCV	2H9J			Sc=5.82973, min distance = 0.64158
HUTU_BACSU	Fu	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	2FKN	1T2E		0.77	Sc=6.80592, min distance = 2.60861
HUTU_BACSU	Fu	123927	A3	Q9GT92_CRYPV	I	5893	nadi	2FM3	2FKN	2EWD		0.97	Sc=6.81065, min distance = 2.50973
HUTU_BACSU	Fu	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	2FKN	1HL3		0.79	Sc=6.81164, min distance = 2.02092
HUTU_BACSU	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	2FKN	1BDM		0.79	Sc=6.81505, min distance = 2.49095
HUTU_BACSU	Fu	6420113	C	MDH_THETH	Fu	5893	nadi	1BMD	2FKN	1WZI		0.77	Sc=6.69585, min distance = 2.01422
HUTU_GEOKA	Fu	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1X87	1T2E		0.77	Sc=6.37062, min distance = 2.10222
HUTU_GEOKA	Fu	5957	Ader	KTRA_BACSU	Fu	5893	nadi	1LSU	1X87	2HMW			Sc=5.73277, min distance = 2.19813
HUTU_PSEPU	Fu	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1UWK	1DEH		0.79	Sc=6.80132, min distance = 1.56301
HUTU_PSEPU	Fu	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1UWK	2JHF		0.79	Sc=6.3669, min distance = 2.121023
HUTU_PSEPU	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1UWK	1BDM		0.79	Sc=6.81581, min distance = 2.01047

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HXX1_HUMAN	F1	11970 2-H	ALDR_HUMAN	Fu	439427 Rc	2ACQ	1CZA	2INZ		Sc=5.70476, min distance = 2.117975
HXX1_HUMAN	F1	124823 6c	PYGM_RABIT	Fu	79025 alp	1H5U	1CZA	6GPB	0.78	Sc=6.1951, min distance = 1.9715022
HXX1_HUMAN	F1	16750062	CSK2A_MAIZE	F1	33113 gar	1LP4	1QHA	2OXD		Sc=5.65191, min distance = 1.448601
HXX1_HUMAN	F1	439692 D-	XYLA_STRRU	Fu	79025 alp	1XIF	1CZA	4XIS		Sc=5.71171, min distance = 2.346725
HXX1_HUMAN	F1	444393 CI	PYGM_RABIT	Fu	79025 alp	1H5U	1CZA	1AXR		Sc=6.0853, min distance = 2.2062731
HXX1_HUMAN	F1	445916 be	XYLA_STRRU	Fu	79025 alp	1XIF	1CZA	1GW9	0.93	Sc=5.71905, min distance = 2.206785
HXX1_HUMAN	F1	445940 O6	CDK2_HUMAN	Fu	6022 Aden	1GY3	1CZA	1GZ8		Sc=6.04663, min distance = 2.387518
HXX1_HUMAN	F1	446090 1H	NDKC_DICDI	Fu	6022 Aden	1KDN	1CZA	1HIY	0.97	Sc=5.867, min distance = 2.22682936
HXX1_HUMAN	F1	447413 NT	PYGM_RABIT	Fu	79025 alp	1H5U	1CZA	1NOJ		Sc=6.07827, min distance = 2.211590
HXX1_HUMAN	F1	5326977 1	CSK2A_MAIZE	F1	33113 gar	1LP4	1QHA	1ZOG		Sc=5.64926, min distance = 2.186835
HXX1_HUMAN	F1	6027 xylc	XYLA_STRRU	Fu	79025 alp	1XIF	1CZA	3XIS	0.93	Sc=5.70741, min distance = 2.275071
HXX1_HUMAN	F1	6083 ader	HSP71_HUMAN	F1	33113 gar	2E8A	1QHA	1XQS	0.97	Sc=5.81796, min distance = 2.436748
HXX1_HUMAN	F1	6083 ader	HSP71_HUMAN	F1	6022 Aden	1S3X	1CZA	1XQS	0.99	Sc=5.83793, min distance = 2.635374
HXX1_HUMAN	F1	64960 Pol	XYLA_STRRU	Fu	79025 alp	1XIF	1CZA	1XIE	0.89	Sc=5.83694, min distance = 2.425612
HXX1_HUMAN	F1	81058 2, 6	ALDR_HUMAN	Fu	439427 Rc	2ACQ	1CZA	2IS7		Sc=5.62063, min distance = 2.525210
HXX1_HUMAN	F1	82313 1rc	NAGK_HUMAN	Fu	79025 alp	2CH6	1CZA	2CH5		Sc=6.20036, min distance = 1.992822
HXX1_HUMAN	F1	95259 L-x	XYLA_STRRU	Fu	79025 alp	1XIF	1CZA	1XIC		Sc=5.79111, min distance = 2.332990
HXX1_HUMAN	F1	9543444 A	NDKC_DICDI	Fu	6022 Aden	1KDN	1CZA	1MN7		Sc=5.70719, min distance = 2.129254
HXX1_RAT	Fu	11970 2-H	ALDR_HUMAN	Fu	439427 Rc	2ACQ	1BG3	2INZ		Sc=5.70006, min distance = 1.848040
HXX1_RAT	Fu	33113 gar	HXX1_HUMAN	Fu	439427 Rc	1CZA	1BG3	1QHA		Sc=5.95254, min distance = 2.400765
HXX1_RAT	Fu	81058 2, 6	ALDR_HUMAN	Fu	439427 Rc	2ACQ	1BG3	2IS7		Sc=5.60241, min distance = 2.644525
HXX2_HUMAN	F1	10267 Har	CGGR_BACSU	Fu	439427 Rc	3BXG	2Nzt	3BXF	0.87	Sc=6.07592, min distance = 1.996026
HXX2_HUMAN	F1	11970 2-H	ALDR_HUMAN	Fu	439427 Rc	2ACQ	2Nzt	2INZ		Sc=5.75524, min distance = 1.914346
HXX2_HUMAN	F1	124823 6c	PYGM_RABIT	Fu	79025 alp	1H5U	2Nzt	6GPB	0.78	Sc=6.20104, min distance = 2.050238
HXX2_HUMAN	F1	439692 D-	XYLA_STRRU	Fu	79025 alp	1XIF	2Nzt	4XIS		Sc=5.70585, min distance = 2.303941
HXX2_HUMAN	F1	439764 be	Q9ZB17_9LACT	I	79025 alp	1NSZ	2Nzt	1MMZ	0.93	Sc=5.73898, min distance = 1.933857
HXX2_HUMAN	F1	440641 1n	CGGR_BACSU	Fu	439427 Rc	3BXG	2Nzt	3BXH	0.89	Sc=6.00101, min distance = 2.184585
HXX2_HUMAN	F1	444185 1a	PYGM_RABIT	Fu	79025 alp	1H5U	2Nzt	1A8I		Sc=6.2909, min distance = 2.0381562
HXX2_HUMAN	F1	445825 CI	PYGM_RABIT	Fu	79025 alp	1H5U	2Nzt	1GG8		Sc=6.09426, min distance = 2.067081
HXX2_HUMAN	F1	445916 be	XYLA_STRRU	Fu	79025 alp	1XIF	2Nzt	1GW9	0.93	Sc=5.72694, min distance = 2.444662
HXX2_HUMAN	F1	447413 NT	PYGM_RABIT	Fu	79025 alp	1H5U	2Nzt	1NOJ		Sc=6.08285, min distance = 2.114101
HXX2_HUMAN	F1	447607 1c	PYGM_RABIT	Fu	79025 alp	1H5U	2Nzt	2G9V		Sc=5.8121, min distance = 2.3854395
HXX2_HUMAN	F1	6027 xylc	XYLA_STRRU	Fu	79025 alp	1XIF	2Nzt	3XIS	0.93	Sc=5.71171, min distance = 2.085535
HXX2_HUMAN	F1	64960 Pol	XYLA_STRRU	Fu	79025 alp	1XIF	2Nzt	1XIE	0.89	Sc=5.84333, min distance = 2.416728
HXX2_HUMAN	F1	82313 1rc	NAGK_HUMAN	Fu	79025 alp	2CH6	2Nzt	2CH5		Sc=6.20217, min distance = 1.822280
HXX2_HUMAN	F1	95259 L-x	XYLA_STRRU	Fu	79025 alp	1XIF	2Nzt	1XIC		Sc=5.78801, min distance = 2.247032
HXX4_HUMAN	F1	439692 D-	XYLA_STRRU	Fu	79025 alp	1XIF	3F9M	4XIS		Sc=5.69799, min distance = 2.291672

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HXK4_HUMAN	Ft	444393	Cl	PYGM_RABIT	Fu	79025	alp	1H5U	3F9M	1AXR		Sc=6.08992, min distance = 2.175456
HXK4_HUMAN	Ft	445916	be	XYLA_STRRU	Fu	79025	alp	1XIF	3F9M	1GW9	0.93	Sc=5.72043, min distance = 2.149129
HXK4_HUMAN	Ft	447413	NT	PYGM_RABIT	Fu	79025	alp	1H5U	3F9M	1NOJ		Sc=6.07578, min distance = 2.331995
HXK4_HUMAN	Ft	6027	xyld	XYLA_STRRU	Fu	79025	alp	1XIF	3F9M	3XIS	0.93	Sc=5.70422, min distance = 2.154549
HXK4_HUMAN	Ft	64960	Pol	XYLA_STRRU	Fu	79025	alp	1XIF	3F9M	1XIE	0.89	Sc=5.83694, min distance = 2.287939
HXK4_HUMAN	Ft	95259	L-x	XYLA_STRRU	Fu	79025	alp	1XIF	3F9M	1XIC		Sc=5.78653, min distance = 2.269135
HXKA_YEAST	Ft	29435	1-D	Q2PS28_9PSED	I	64689	bet	2PWF	3B8A	2PWD		Sc=5.88842, min distance = 2.339975
HXKA_YEAST	Ft	445999	Cl	Q79G13_MYCTU	I	64689	bet	1UP0	3B8A	1UOZ	0.77	Sc=5.71804, min distance = 2.262099
HXKA_YEAST	Ft	447607	ld	Q79G13_MYCTU	I	64689	bet	1UP0	3B8A	1UP2		Sc=5.78503, min distance = 2.173932
HXKA_YEAST	Ft	6102765	C	Q9RX51_DEIRA	I	64689	bet	2BY0	3B8A	2BY2		Sc=5.60266, min distance = 2.505578
HXK_SCHMA	Fu	4369162	1	PYGM_RABIT	Fu	79025	alp	1H5U	1BDG	1HLF		Sc=6.25006, min distance = 2.047915
HXK_SCHMA	Fu	439764	be	Q9ZB17_9LACT	I	79025	alp	1NSZ	1BDG	1MMZ	0.93	Sc=5.70741, min distance = 2.329996
HXK_SCHMA	Fu	444185	1a	PYGM_RABIT	Fu	79025	alp	1H5U	1BDG	1A8I		Sc=6.28121, min distance = 2.119634
HXK_SCHMA	Fu	445825	Cl	PYGM_RABIT	Fu	79025	alp	1H5U	1BDG	1GG8		Sc=6.07969, min distance = 2.029698
HXK_SCHMA	Fu	445916	be	XYLA_STRRU	Fu	79025	alp	1XIF	1BDG	1GW9	0.93	Sc=5.69505, min distance = 2.338292
HXK_SCHMA	Fu	447413	NT	PYGM_RABIT	Fu	79025	alp	1H5U	1BDG	1NOJ		Sc=6.07397, min distance = 2.419889
HXK_SCHMA	Fu	447607	ld	PYGM_RABIT	Fu	79025	alp	1H5U	1BDG	2G9V		Sc=5.78964, min distance = 2.613076
HXK_SCHMA	Fu	6027	xyld	XYLA_STRRU	Fu	79025	alp	1XIF	1BDG	3XIS	0.93	Sc=5.67438, min distance = 2.261175
HXK_SCHMA	Fu	64960	Pol	XYLA_STRRU	Fu	79025	alp	1XIF	1BDG	1XIE	0.89	Sc=5.81999, min distance = 2.333457
HXK_SCHMA	Fu	892	myo-i	SFTPD_HUMAN	Ft	79025	alp	1PWB	1BDG	2OS9		Sc=5.99317, min distance = 2.056265
HXK_SCHMA	Fu	95259	L-x	XYLA_STRRU	Fu	79025	alp	1XIF	1BDG	1XIC		Sc=5.75027, min distance = 2.315126
HYES_HUMAN	Ft	4358	1cr6	HYES_MOUSE	Fu	4357	1ek1	1EK1	1VJ5	1CR6		Sc=6.15443, min distance = 2.036028
HYP1_TRIRE	Ft	11987742		LHA4_RHOAC	Fu	444279	1s	2FKW	2GVM	1NKZ		Sc=6.37032, min distance = 0.374510
HYSA_STRPN	Ft	10367	Dip	LYSC_CHICK	Fu	24139	ace	1LZB	1LXK	2PC2		Sc=5.90725, min distance = 1.752477
HYSA_STRPN	Ft	119404	Ma	Q54276_SERMA	I	24139	ace	1UR9	1LXK	1W1Y		Sc=5.97734, min distance = 2.266095
HYSA_STRPN	Ft	16058615		LYSC_CHICK	Fu	24139	ace	1LZB	1LXK	2H9J		Sc=5.95881, min distance = 2.026566
HYSA_STRPN	Ft	444205	Cl	DPP4_HUMAN	Fu	24139	ace	2RGU	1LXK	3BJM	0.91	Sc=5.8446, min distance = 2.5751852
HYSA_STRPN	Ft	449187	Cl	XYLA_ARTS7	Fu	6912	xyli	1XLM	1W3Y	1XLI		Sc=5.84332, min distance = 2.107918
I23O_HUMAN	Ft	11957371		HMOX1_HUMAN	Ft	444124	HE	1OZW	2D0T	1TWR		Sc=6.43886, min distance = 1.946504
I23O_HUMAN	Ft	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	2D0T	2CMM		Sc=5.84165, min distance = 2.301388
IAAS_HORVU	Ft	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	2IWT	2H3E		Sc=6.0474, min distance = 1.5536608
IAAS_HORVU	Ft	12136	Ber	POL_HV1N5	Fu	311	citri	2GON	2IWT	9HVP		Sc=5.64333, min distance = 0.652619
IAAS_HORVU	Ft	126892	1t	TPIS_TRYBB	Fu	311	citri	2VEK	2IWT	1TSI		Sc=5.66352, min distance = 2.119375
IAAS_HORVU	Ft	448032	He	RECA_MYCS2	Fu	311	citri	2G88	2IWT	2ZRJ		Sc=5.7721, min distance = 2.8409655
IDGF2_DROME	I	444885	O-	NRAM_I56A2	Fu	185698	al	1V0Z	1JND	1W1X		Sc=6.45797, min distance = 1.149965
IDH1_YEAST	Ft	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	3BLV	2H3E		Sc=6.08963, min distance = 1.093146
IDH1_YEAST	Ft	166760	Fa	PURP_METJA	Fu	6083	aden	2R7M	3BLW	2R7N	0.76	Sc=5.89408, min distance = 2.383859

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IDH1_YEAST	F	39981	Spa	PYRB_ECOLI	Fu	311	citri	1R0B	3BLV	1EKX		Sc=6.11772, min distance = 1.015896
IDH1_YEAST	F	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	3BLV	1NIS		Sc=5.80152, min distance = 2.309396
IDH1_YEAST	F	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	3BLV	4TIM		Sc=5.67626, min distance = 1.661404
IDH1_YEAST	F	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	3BLW	1UKY	0.99	Sc=5.96531, min distance = 2.389344
IDH1_YEAST	F	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	3BLV	1YBA	0.76	Sc=5.8227, min distance = 0.8972502
IDH1_YEAST	F	6022	Ader	PURP_METJA	Fu	6083	aden	2R7M	3BLW	2R7N	0.99	Sc=5.90765, min distance = 2.353241
IDH1_YEAST	F	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	3BLW	2R7K	0.79	Sc=5.79137, min distance = 2.316874
IDH1_YEAST	F	6804	guar	PDE10_HUMAN	Fu	6083	aden	2OUN	3BLW	2OUQ	0.8	Sc=5.82171, min distance = 0
IDH1_YEAST	F	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	3BLW	2QN7	0.79	Sc=6.23669, min distance = 2.212864
IDH1_YEAST	F	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	3BLV	1H0J		Sc=5.74637, min distance = 0.322809
IDHC_MOUSE	F	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	2CMV	2H3E		Sc=5.98234, min distance = 1.735961
IDHC_MOUSE	F	12136	Ber	POL_HV1N5	Ful	311	citri	2GON	2CMV	9HVP		Sc=5.67436, min distance = 1.019399
IDHC_MOUSE	F	12793	Pha	SRC_HUMAN	Ful	311	citri	1O4L	2CMV	1O4O		Sc=5.70866, min distance = 1.228402
IDHC_MOUSE	F	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	2CMV	1FGH		Sc=5.86151, min distance = 1.808908
IDHC_MOUSE	F	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	2CMV	1NIS		Sc=5.79098, min distance = 2.114259
IDHC_MOUSE	F	447530		SRC_HUMAN	Ful	311	citri	1O4L	2CMV	1O4F		Sc=5.82831, min distance = 2.035469
IDHC_MOUSE	F	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	2CMV	8ACN		Sc=5.75704, min distance = 2.209141
IDHP_PIG	Ful	51	2-Oxop	IDHP_YEAST	Fu	5318532	i	2QFW	1LWD	2QFY		Sc=5.82669, min distance = 1.194941
IDHP_YEAST	F	444212	tr	ACON_BOVIN	Fu	5318532	i	1C97	2QFW	1ACO		Sc=5.75051, min distance = 2.258199
IDHP_YEAST	F	447376	2-	ACON_BOVIN	Fu	5318532	i	1C97	2QFW	1NIS		Sc=5.71965, min distance = 1.957379
IDHP_YEAST	F	449604	NI	ACON_BOVIN	Fu	5318532	i	1C97	2QFW	8ACN		Sc=5.73745, min distance = 2.326884
IDH_AZOVI	Fu	444591	CI	IDH_ECOLI	Ful	5318532	i	1P8F	1ITW	1BL5		Sc=5.60978, min distance = 2.200862
IDH_AZOVI	Fu	51	2-Oxop	IDHP_YEAST	Fu	5318532	i	2QFW	1ITW	2QFY		Sc=5.82406, min distance = 0.900128
IDH_BACSU	Fu	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	1HQS	2H3E		Sc=6.04051, min distance = 1.460206
IDH_BACSU	Fu	12136	Ber	POL_HV1N5	Ful	311	citri	2GON	1HQS	9HVP		Sc=5.6677, min distance = 38.372799
IDH_BACSU	Fu	16750041		PYRB_ECOLI	Fu	311	citri	1R0B	1HQS	2IPO		Sc=6.04989, min distance = 0.995291
IDH_BACSU	Fu	39981	Spa	PYRB_ECOLI	Fu	311	citri	1R0B	1HQS	1EKX		Sc=6.07727, min distance = 1.477661
IDH_BACSU	Fu	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	1HQS	1ACO		Sc=5.74521, min distance = 2.009452
IDH_BACSU	Fu	447530		SRC_HUMAN	Ful	311	citri	1O4L	1HQS	1O4F		Sc=5.79766, min distance = 2.286731
IDH_BACSU	Fu	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1HQS	1YBA	0.76	Sc=5.83588, min distance = 0.805061
IDH_BACSU	Fu	9547937	2-	PYRB_ECOLI	Fu	311	citri	1R0B	1HQS	2FZG		Sc=6.41003, min distance = 0.926411
IDH_ECOLI	Fu	3080614	C	JHD3A_HUMAN	Fu	51	2-Oxop	2Q8C	1CW4	2OX0		Sc=5.62257, min distance = 2.327171
IDH_THET8	Fu	3758	IBMX	PDE5A_HUMAN	Fu	311	citri	1T9R	2D1C	1RKP		Sc=6.04785, min distance = 2.026548
IDI2_BACSU	Fu	5287459	A	PYRD_HUMAN	Fu	444243	FA	1D3G	1P0N	2B0M		Sc=6.13452, min distance = 2.175239
IF4A3_HUMAN	I	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	2J0S	2ESM		Sc=6.00397, min distance = 1.933681
IF4A3_HUMAN	I	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	2J0S	2ETR		Sc=6.2355, min distance = 1.8169867
IF4A3_HUMAN	I	6083	ader	ENTP2_RAT	Ful	33113	gar	3CJA	2J0S	3CJ7	0.97	Sc=6.33538, min distance = 2.402986

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IF4A3_HUMAN	1	6083	ader	HSP71_HUMAN	F	33113	gar	2E8A	2J0S	1XQS	0.97	Sc=6.37139, min distance = 2.159900
IF4A3_HUMAN	1	6083	ader	Q6L8F0_THETH	I	33113	gar	1V25	2J0S	1V26	0.97	Sc=6.38285, min distance = 2.172085
IF4A3_HUMAN	1	6338561	C	MYS2_DICDI	Fu	33113	gar	1MMN	2J0S	1D0X		Sc=6.25006, min distance = 2.258475
IF4A3_HUMAN	1	6338562	C	MYS2_DICDI	Fu	33113	gar	1MMN	2J0S	1D0Y		Sc=6.24668, min distance = 2.252447
IF4A3_HUMAN	1	6338566	C	MYS2_DICDI	Fu	33113	gar	1MMN	2J0S	1D1C		Sc=6.25616, min distance = 2.259672
IF4A3_HUMAN	1	64968	dTT	RIR1_YEAST	Fu	33113	gar	2EUD	2J0S	2CVW		Sc=6.02717, min distance = 2.102700
IF4A3_HUMAN	1	91532	AMF	KIF1A_MOUSE	F	33113	gar	1VFV	2J0S	1I6I	0.99	Sc=6.11077, min distance = 2.373572
IF4A_YEAST	F	656966	1y	PDE4D_HUMAN	F	6083	aden	1TB7	2VSO	1Y2E		Sc=5.88549, min distance = 1.992556
IF4A_YEAST	F	95054	Pte	RICI_RICCO	Fu	6083	aden	1OBT	2VSO	1BR6		Sc=6.3599, min distance = 2.0173885
IGF1R_HUMAN	1	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1JQH	1G4A	0.97	Sc=5.61812, min distance = 2.593537
IGF1R_HUMAN	1	23656870		CSK2A_MAIZE	F	33113	gar	1LP4	1JQH	2PVN	23.45	Sc=6.48741, min distance = 2.003850
IGF1R_HUMAN	1	444564	AD	PDK2_RAT	Full	33113	gar	3CRL	1JQH	1JM6	0.91	Sc=5.9352, min distance = 2.3940977
IGF1R_HUMAN	1	5281672	n	PIM1_HUMAN	Fu	33113	gar	1XR1	1JQH	2O63	27.24	Sc=6.40703, min distance = 1.859376
IGF1R_HUMAN	1	5326739	i	GSK3B_HUMAN	F	33113	gar	1J1B	1JQH	1Q41	28.71	Sc=6.251, min distance = 2.31225885
IGF1R_HUMAN	1	5326978	1	CSK2A_MAIZE	F	33113	gar	1LP4	1JQH	1ZOH	23.45	Sc=5.62112, min distance = 2.298510
IGF1R_HUMAN	1	6022	Ader	GLPK_ECOLI	Fu	91532	AMF	1GLL	1K3A	1GLB	0.99	Sc=6.30362, min distance = 1.507164
IGF1R_HUMAN	1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1JQH	1Q97	0.93	Sc=6.10571, min distance = 2.6215255
IGHA1_HUMAN	1	30951	alc	PGH1_SHEEP	Fu	444205	CI	1EQG	1OW0	1HT8		Sc=5.75714, min distance = 2.238895
IGHG1_HUMAN	F	70815	CAE	Q6PYX1_HUMAN	I	185698	al	1ZLS	100V	1N0X	32.99	Sc=5.78713, min distance = 0.641732
IGHG1_HUMAN	1	446996	GA	Q9HYN5_PSEAE	I	439353	be	1W8F	1L6X	1W8H	0.89	Sc=5.69574, min distance = 2.303557
IGHG3_MOUSE	1	101798	Me	Q9HYN5_PSEAE	I	439353	be	1W8F	1CLZ	2JDN	0.94	Sc=5.709, min distance = 2.07871040
IGHG3_MOUSE	1	445948	D	Q9HYN5_PSEAE	I	439353	be	1W8F	1CLZ	1OXC		Sc=5.67529, min distance = 2.292240
IGHG3_MOUSE	1	446220	cc	Q5XKG4_MOUSE	I	439353	be	1UZ8	1CLZ	1Q72		Sc=5.95123, min distance = 2.207004
IGHG3_MOUSE	1	446578	1x	MBL1_RAT	Full	439554	fu	3KMB	1CLZ	1KWW	0.96	Sc=5.60236, min distance = 2.178785
IGHG3_MOUSE	1	446578	1x	Q9HYN5_PSEAE	I	439353	be	1W8F	1CLZ	2JDP	0.94	Sc=5.6049, min distance = 2.2251230
IGHG3_MOUSE	1	94214	Met	MBL1_RAT	Full	439353	be	2KMB	1CLZ	1AFA	0.94	Sc=5.6862, min distance = 3.0655085
IGKC_MOUSE	F	23624247		WRBA_ECOLI	Fu	62551	Pen	3B6K	1P7K	3B6I		Sc=5.81461, min distance = 2.326865
IIGP1_MOUSE	1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1TQ2	1CLU	0.99	Sc=5.80195, min distance = 2.356506
IIGP1_MOUSE	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1TQ2	1GNP		Sc=6.10566, min distance = 2.345828
IIGP1_MOUSE	1	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1TQ4	1GNP		Sc=5.83632, min distance = 2.466594
IIGP1_MOUSE	1	446248	CI	RAN_HUMAN	Full	8977	1dar	3CH5	1TQ4	1IBR		Sc=5.80217, min distance = 2.247470
IIGP1_MOUSE	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1TQ2	1IAQ		Sc=5.7603, min distance = 2.0606736
IIGP1_MOUSE	1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1TQ4	1WAJ	0.99	Sc=5.94541, min distance = 2.049837
IIGP1_MOUSE	1	8200	TETF	LMBL1_HUMAN	F	78165	MES	1OZ2	1TQD	2RHI		Sc=5.73273, min distance = 0.841850
IIGP1_MOUSE	1	93082	Gak	CDC42_HUMAN	F	36735	Gpp	1NF3	1TQ2	2ODB	0.99	Sc=5.79931, min distance = 2.395527
IIGP1_MOUSE	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1TQ2	1RJ9	0.99	Sc=5.81193, min distance = 2.177762
IIGP1_MOUSE	1	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1TQ2	2QME	0.99	Sc=5.80803, min distance = 2.425770

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IIGP1_MOUSE	I	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1TQ2	121P		0.99	Sc=5.79605, min distance = 2.43183
ILV5_SPIOL	F	16741136		DYR_ECOLI	Fu	5886	NADF	1RA2	1YVE	1RX9		1	Sc=6.39173, min distance = 1.54284
ILV5_SPIOL	F	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1YVE	1E7Y			Sc=6.40995, min distance = 1.53506
ILVB_ARATH	F	24836827		BZNB_PSEFL	Fu	1132	thia	2UZ1	1Z8N	3D7K			Sc=5.92306, min distance = 2.02988
ILVB_ARATH	F	444421	CI	MDLC_PSEPU	Fu	1132	thia	1BFD	1Z8N	2FWN		23.77	0.82 Sc=6.41013, min distance = 2.48071
ILVB_ARATH	F	445886	CI	TKT1_YEAST	Fu	1132	thia	1TRK	1Z8N	1GPU			0.91 Sc=6.06071, min distance = 1.96962
ILVB_ARATH	F	447248	AY	ILVB_YEAST	Fu	153909	Ex	1T9A	1YI1	1N0H		43.68	Sc=6.4239, min distance = 2.144457
ILVB_ARATH	F	447248	AY	ILVB_YEAST	Fu	47491	CHI	1T9B	1YHZ	1N0H		43.68	Sc=6.36567, min distance = 2.13465
ILVB_ARATH	F	447248	AY	ILVB_YEAST	Fu	52997	OUS	1T9C	1YI0	1N0H		43.68	Sc=6.40963, min distance = 2.49850
ILVB_ARATH	F	448670	PF	ILVB_YEAST	Fu	448674	ET	1T9B	1YBH	1T9C		43.68	0.96 Sc=5.71845, min distance = 2.69703
ILVB_ARATH	F	448671	2-	ILVB_YEAST	Fu	1132	thia	1N0H	1Z8N	1T9B		43.68	Sc=5.93815, min distance = 1.84059
ILVB_ARATH	F	448671	2-	ILVB_YEAST	Fu	153909	Ex	1T9A	1YI1	1T9B		43.68	Sc=5.97589, min distance = 0.85946
ILVB_ARATH	F	448671	2-	ILVB_YEAST	Fu	52997	OUS	1T9C	1YI0	1T9B		43.68	Sc=5.85005, min distance = 1.53944
ILVB_ARATH	F	448672	DE	ILVB_YEAST	Fu	52997	OUS	1T9C	1YI0	1T9A		43.68	Sc=5.65567, min distance = 2.78459
ILVB_ARATH	F	448673	PE	ILVB_YEAST	Fu	1132	thia	1N0H	1Z8N	1T9B		43.68	Sc=5.86753, min distance = 2.62082
ILVB_ARATH	F	448673	PE	ILVB_YEAST	Fu	153909	Ex	1T9A	1YI1	1T9B		43.68	Sc=5.85509, min distance = 2.37817
ILVB_ARATH	F	448673	PE	ILVB_YEAST	Fu	52997	OUS	1T9C	1YI0	1T9B		43.68	Sc=5.8625, min distance = 2.366114
ILVB_ARATH	F	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	1Z8N	1TKA			Sc=6.38419, min distance = 2.08938
ILVB_ARATH	F	448722	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1Z8N	1TKB		0.78	Sc=6.4317, min distance = 2.071985
ILVB_ARATH	F	448723	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1Z8N	1TKC		0.77	Sc=6.11332, min distance = 2.17721
ILVB_ARATH	F	6518182	C	POXB_LACPL	Fu	1132	thia	2EZ4	1Z8N	2EZ9		26.68	0.94 Sc=5.78413, min distance = 2.61786
ILVB_ARATH	F	6518187	2	POXB_LACPL	Fu	1132	thia	2EZ4	1Z8N	2EZ8		26.68	0.87 Sc=6.07701, min distance = 2.50367
ILVB_YEAST	F	124687	1x	ODP1_ECOLI	Fu	1132	thia	1L8A	1N0H	1RP7			0.79 Sc=6.02706, min distance = 2.11968
ILVB_YEAST	F	13294447		DCIP_AZOBR	Fu	1132	thia	2NXW	1N0H	2Q5Q		23.09	Sc=6.04697, min distance = 0.64823
ILVB_YEAST	F	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	1N0H	1TKA			Sc=6.51928, min distance = 1.13990
ILVB_YEAST	F	448722	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1N0H	1TKB		0.78	Sc=6.51928, min distance = 0.98272
ILVB_YEAST	F	448723	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1N0H	1TKC		0.77	Sc=6.55152, min distance = 0.89462
ILVB_YEAST	F	52999	Met	ILVB_ARATH	Fu	1132	thia	1Z8N	1N0H	1YHY		43.68	Sc=6.14764, min distance = 2.44849
ILVB_YEAST	F	52999	Met	ILVB_ARATH	Fu	52997	OUS	1YI0	1T9C	1YHY		43.68	0.81 Sc=6.10282, min distance = 2.60120
ILVB_YEAST	F	52999	Met	ILVB_ARATH	Fu	56160	Chl	1YBH	1N0H	1YHY		43.68	0.77 Sc=6.05838, min distance = 2.76214
ILVE_THEMA	F	445062	CI	HEM1_RHOCA	Fu	1051	Code	2BWO	3CSW	2BWP			0.86 Sc=6.37796, min distance = 1.53429
ILVE_THEMA	F	445496	TE	A2NHM3_MOUSE	I	311	citri	1ZEA	3CSW	1F3D			Sc=5.67274, min distance = 2.62691
IMDH2_CRIGR	I	100252	Ri	IMDH_TRIFO	Fu	446541	my	1MEH	1JR1	1ME8			Sc=6.29479, min distance = 1.93601
IMDH2_CRIGR	I	447942	M2	IMDH_TRIFO	Fu	446541	my	1MEH	1JR1	1PVN			Sc=6.33557, min distance = 2.13914
IMDH2_HUMAN	I	447942	M2	IMDH_TRIFO	Fu	100252	Ri	1ME8	1NF7	1PVN		42.33	Sc=5.85574, min distance = 2.29012
IMDH_PYRHO	F	100252	Ri	IMDH_TRIFO	Fu	73323	Xan	1MEW	2CU0	1ME8			Sc=6.24035, min distance = 2.33023
IMDH_PYRHO	F	446541	my	IMDH_TRIFO	Fu	73323	Xan	1MEW	2CU0	1MEH			Sc=6.22853, min distance = 2.07489

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IMDH_PYRHO	F1	8582	Inos	IMDH_TRIFO	Fu:	73323	Xan	1MEW	2CU0	1MEH	0.94	Sc=6.34967, min distance = 2.247026
IMDH_STRPY	F1	447942	MZ	IMDH_TRIFO	Fu:	8582	Inos	1MEH	1ZFJ	1PVN		Sc=5.76136, min distance = 2.156484
IMDH_STRPY	F1	6083	ader	PYGM_RABIT	Fu:	8582	Inos	2QN7	1ZFJ	8GPB	0.79	Sc=6.28615, min distance = 1.987946
IMDH_STRPY	F1	65110	AIC	PURO_METHH	Fu:	8582	Inos	2NTK	1ZFJ	2NTL	0.97	Sc=6.26318, min distance = 1.958965
IMDH_STRPY	F1	6804	guar	GMPR2_HUMAN	F1	8582	Inos	2C6Q	1ZFJ	2A7R	0.99	Sc=6.28562, min distance = 1.838473
IMDH_STRPY	F1	6804	guar	HGXR_TOXGO	Fu:	8582	Inos	1QK4	1ZFJ	1QK3	0.99	Sc=6.30257, min distance = 2.059204
IMDH_STRPY	F1	73323	Xar	IMDH_TRIFO	Fu:	8582	Inos	1MEH	1ZFJ	1MEW	0.94	Sc=6.32908, min distance = 2.136364
IMDH_TRIFO	F1	5414	Octy	OMPG_ECOLI	Fu:	62852	B-C	2IWW	1LRT	2F1C		Sc=5.82197, min distance = 2.063447
IMDH_TRIFO	F1	6083	ader	PYGM_RABIT	Fu:	8582	Inos	2QN7	1MEH	8GPB	0.79	Sc=6.33495, min distance = 2.206196
IMPA1_HUMAN	I	21120523		SFTPD_HUMAN	F1	107737	in	2ORK	1IMA	2RIA		Sc=5.95677, min distance = 1.475370
IMPA1_HUMAN	I	440115	N-	SFTPD_HUMAN	F1	107737	in	2ORK	1IMA	2ORJ		Sc=6.01294, min distance = 2.130125
IMPA1_HUMAN	I	79025	alp	SFTPD_HUMAN	F1	107737	in	2ORK	1IMA	1PWB		Sc=5.76862, min distance = 2.369864
IMPA1_HUMAN	I	892	myo-i	SFTPD_HUMAN	F1	107737	in	2ORK	1IMA	2OS9	0.85	Sc=5.84784, min distance = 2.335103
INHA_MYCTU	F1	16129587		G3PA_SPIOL	Fu:	5893	nadi	1NBO	2H7I	2PKR		Sc=5.87116, min distance = 1.465189
INHA_MYCTU	F1	169266	1,	GALE_HUMAN	Fu:	5893	nadi	1HZJ	2H7I	1I3K	0.79	Sc=6.30588, min distance = 2.425563
INHA_MYCTU	F1	439153	Di	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	2H7I	1V35	32.62	0.79 Sc=6.74653, min distance = 2.636105
INHA_MYCTU	F1	446288	NA	G3P_PALVE	Fu:	5893	nadi	1DSS	2H7I	1IHX		Sc=6.34436, min distance = 1.117843
INHA_MYCTU	F1	447151	CI	FABI_ECOLI	Fu:	5893	nadi	1QSG	2H7I	1MFP		Sc=6.39285, min distance = 1.997897
INMT_HUMAN	F1	188380	Ad	MCES_ENCCU	Fu:	439155	Ad	1RI1	2A14	1Z3C	0.91	Sc=6.59511, min distance = 2.214617
INMT_HUMAN	F1	446535	CI	HNMT_HUMAN	Fu:	439155	Ad	2AOT	2A14	1JQE	0.95	Sc=6.55258, min distance = 2.560666
INMT_HUMAN	F1	60961	ade	PIMT_PYRFU	Fu:	439155	Ad	1JG1	2A14	1JG2	0.84	Sc=6.30787, min distance = 2.560444
INMT_HUMAN	F1	65482	sir	MCES_ENCCU	Fu:	439155	Ad	1RI1	2A14	2HV9	0.88	Sc=6.13293, min distance = 2.378783
INO1_YEAST	F1	11987635		ADH_DROLE	Fu:	5893	nadi	1SBY	1P1J	1B2L	0.76	Sc=6.87264, min distance = 1.829455
INO1_YEAST	F1	445794	AD	ADHX_HUMAN	Fu:	5893	nadi	2FZW	1P1J	2FZE		Sc=6.66643, min distance = 2.165700
INSR_HUMAN	F1	11175137		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	2UW7	26.03	Sc=6.1346, min distance = 2.1593753
INSR_HUMAN	F1	11696113		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	2VO3	26.03	Sc=6.27467, min distance = 2.226853
INSR_HUMAN	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	2VNW	26.03	Sc=6.04274, min distance = 2.237984
INSR_HUMAN	F1	11957393		FAK1_HUMAN	Fu:	5957	Aden	2IJM	3BU5	2ETM	38.67	Sc=6.33455, min distance = 2.016673
INSR_HUMAN	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	2UW5	26.03	Sc=6.06623, min distance = 2.201574
INSR_HUMAN	F1	16040273		IRAK4_HUMAN	F1	33113	gar	2OID	1IR3	2OIC	34.55	Sc=6.41081, min distance = 1.167922
INSR_HUMAN	F1	16058649		IGF1R_HUMAN	F1	33113	gar	1JQH	1IR3	2OJ9	79.73	Sc=6.45883, min distance = 1.891592
INSR_HUMAN	F1	16122632		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	2UVZ	26.03	Sc=6.21979, min distance = 2.171373
INSR_HUMAN	F1	16725726		AKT2_HUMAN	Fu:	33113	gar	1O6L	1IR3	3D0E	30.21	Sc=6.47453, min distance = 2.237966
INSR_HUMAN	F1	17751819		KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	2VO6	26.03	Sc=6.24245, min distance = 2.223405
INSR_HUMAN	F1	17754396		PDPK1_HUMAN	F1	5957	Aden	2BIY	3BU5	2R7B	24.38	Sc=6.29653, min distance = 2.092685
INSR_HUMAN	F1	24851689		PIM1_HUMAN	Fu:	33113	gar	1XR1	1IR3	3CY2	25.17	Sc=6.15501, min distance = 2.195093
INSR_HUMAN	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1IR3	2ETK	25.15	Sc=6.02271, min distance = 2.503795

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INSR_HUMAN	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	1YDS	26.03	Sc=5.83184, min distance = 2.374186
INSR_HUMAN	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	1Q8W	26.03	Sc=5.88166, min distance = 2.076962
INSR_HUMAN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1IR3	2ESM	25.15	Sc=5.95366, min distance = 2.346585
INSR_HUMAN	F1	444345	1c	IRAK4_HUMAN	F1	33113	gar	2OID	1IR3	2NRY	34.55	Sc=6.35577, min distance = 1.071045
INSR_HUMAN	F1	444852	CI	ATPB_BOVIN	Fu	33113	gar	2JDI	1IR3	1COW	0.91	Sc=5.65803, min distance = 2.015054
INSR_HUMAN	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	3BU5	1ZTF	0.94	Sc=6.07709, min distance = 2.910362
INSR_HUMAN	F1	448043	2c	ROCK1_HUMAN	F1	33113	gar	2V55	1IR3	3D9V	25.15	Sc=5.97603, min distance = 1.788624
INSR_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	3BU5	1YDR	26.03	Sc=5.88353, min distance = 2.023510
INSR_HUMAN	F1	456214	pu	KS6A1_HUMAN	F1	91532	AMF	2Z7Q	1I44	2Z7S		Sc=6.25751, min distance = 2.391351
INSR_HUMAN	F1	5281680	Q	PIM1_HUMAN	Fu	33113	gar	1XR1	1IR3	2O64	25.17	Sc=6.40703, min distance = 2.033957
INSR_HUMAN	F1	5326637	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1IR3	1M2Q	21.9	Sc=6.07332, min distance = 2.109241
INSR_HUMAN	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1IR3	1ZOG	21.9	Sc=5.61169, min distance = 2.188812
INSR_HUMAN	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1IR3	1ZOH	21.9	Sc=5.65164, min distance = 2.411642
INSR_HUMAN	F1	5327148	Q	IPKA_RABIT	Fu	33113	gar	1CDK	1IR3	2ERZ		Sc=6.13841, min distance = 2.377505
INSR_HUMAN	F1	6022	Ader	GLPK_ECOLI	Fu	91532	AMF	1GLL	1I44	1GLB	0.99	Sc=5.84631, min distance = 2.282747
INSR_HUMAN	F1	6022	Ader	PURP_METJA	Fu	91532	AMF	2R7K	1I44	2R7N	0.99	Sc=5.82945, min distance = 2.399980
INSR_HUMAN	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1IR3	1Q97	0.93	Sc=6.17643, min distance = 2.085346
INSR_HUMAN	F1	9934347	F	FAK1_CHICK	Fu	33113	gar	2J0L	1IR3	2JKK	38.82	Sc=6.49513, min distance = 2.035079
INVA_YERPS	F1	445905	1c	AROQ_HELPE	Fu	311	citri	2C4V	1CWV	2C57		Sc=5.73025, min distance = 1.932900
INVA_YERPS	F1	446127	3-	RENI_HUMAN	Fu	311	citri	2IL2	1CWV	1HRN		Sc=5.6304, min distance = 2.0000032
INVA_YERPS	F1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1CWV	1YBA	0.76	Sc=5.61763, min distance = 1.396123
INVA_YERPS	F1	75791	Pha	SRC_HUMAN	Fu	311	citri	1O4L	1CWV	1O4P		Sc=5.9065, min distance = 2.0682722
IOLG_SALTY	F1	123927	A3	Q9GT92_CRYPV	I	5893	nadi	2FM3	3EC7	2EWD	0.97	Sc=6.717, min distance = 1.96898425
IOLG_SALTY	F1	125409	be	XYNA_BACSU	Fu	23831	HEF	2B45	3EC7	2QZ3		Sc=5.81049, min distance = 0.623962
IOLG_SALTY	F1	439153	Di	ADH1B_HUMAN	F1	5893	nadi	1U3U	3EC7	1DEH	0.79	Sc=6.71778, min distance = 1.786604
IOLG_SALTY	F1	446050	CI	G3P_HUMAN	Fu	5893	nadi	1U8F	3EC7	3GPD	0.95	Sc=6.29213, min distance = 1.071915
IOLG_SALTY	F1	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	3EC7	1IHX		Sc=6.60069, min distance = 1.558378
IOLG_SALTY	F1	5957	Ader	PPNK_ARCFU	Fu	5893	nadi	1Z0Z	3EC7	1Z0S		Sc=5.8354, min distance = 1.5705597
IOLG_SALTY	F1	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	3EC7	2BJA		Sc=6.22929, min distance = 1.998046
IOLG_SALTY	F1	9547960	A	NPD_THEMA	Fu	5893	nadi	2H4H	3EC7	2H59		Sc=5.64251, min distance = 2.495638
IOLG_SALTY	F1	9547961	3	NPD_THEMA	Fu	5893	nadi	2H4H	3EC7	2H59		Sc=5.70077, min distance = 2.146160
IOLS_BACSU	F1	6022	Ader	HMDH_HUMAN	Fu	5886	NADF	1DQA	1PZ0	1HW8		Sc=5.84355, min distance = 2.056694
IP3KA_HUMAN	I	16046126		CDK2_HUMAN	Fu	6022	Aden	1GY3	1W2D	2DS1		Sc=6.23546, min distance = 2.002600
IP3KA_HUMAN	I	16214825		CDK2_HUMAN	Fu	6022	Aden	1GY3	1W2D	2UZE		Sc=6.28879, min distance = 2.167028
IP3KA_HUMAN	I	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	1W2D	3BHT		Sc=6.1949, min distance = 1.5985471
IP3KA_HUMAN	I	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	1W2D	3BHU		Sc=6.25434, min distance = 1.659676
IP3KA_HUMAN	I	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1W2C	2ESM		Sc=5.90171, min distance = 1.742487

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IP3KA_HUMAN	1	3973	nche	PIM1_HUMAN	Fu:	33113	gar	1XR1	1W2C	1YI3	Sc=5.85977, min distance = 2.299402
IP3KA_HUMAN	1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	1DM2	Sc=6.18472, min distance = 2.298772
IP3KA_HUMAN	1	445479	CI	CSK21_HUMAN	Fu:	33113	gar	2PVR	1W2C	3BQC	Sc=6.23849, min distance = 2.469485
IP3KA_HUMAN	1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	1GII	Sc=6.14179, min distance = 2.090982
IP3KA_HUMAN	1	445940	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	1GZ8	Sc=5.90604, min distance = 2.465302
IP3KA_HUMAN	1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	1H1R	Sc=6.09988, min distance = 1.239200
IP3KA_HUMAN	1	5327121	I	PIM1_HUMAN	Fu:	33113	gar	1XR1	1W2C	2C3I	Sc=6.1259, min distance = 2.6508349
IP3KA_HUMAN	1	5331010	d	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	2BKZ	Sc=6.20883, min distance = 1.918642
IP3KA_HUMAN	1	611002	Op	PIM1_HUMAN	Fu:	33113	gar	1XR1	1W2C	1YXX	Sc=6.04838, min distance = 2.591650
IP3KA_HUMAN	1	6338561	C	MYS2_DICDI	Fu:	6022	Aden	1VOM	1W2D	1D0X	Sc=6.09392, min distance = 2.225082
IP3KA_HUMAN	1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	3EJ1	Sc=6.11551, min distance = 2.331102
IP3KA_HUMAN	1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W2D	3BHV	Sc=6.22933, min distance = 2.335502
IP3KA_RAT	Fu:	16214823		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	2UZB	Sc=6.10735, min distance = 1.668912
IP3KA_RAT	Fu:	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	3BHU	Sc=6.2133, min distance = 2.2785289
IP3KA_RAT	Fu:	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	1E1X	Sc=6.05837, min distance = 2.023492
IP3KA_RAT	Fu:	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	1DM2	Sc=6.20041, min distance = 2.306356
IP3KA_RAT	Fu:	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	1GII	Sc=6.11198, min distance = 2.529184
IP3KA_RAT	Fu:	447766	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	1P2A	Sc=6.27288, min distance = 2.195682
IP3KA_RAT	Fu:	447962	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	2C5N	Sc=6.10253, min distance = 2.357304
IP3KA_RAT	Fu:	448005	CI	GSK3B_HUMAN	Fu:	6022	Aden	1J1C	1TZD	1Q3W	Sc=6.24811, min distance = 2.154416
IP3KA_RAT	Fu:	5288016	6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	2B53	Sc=6.12903, min distance = 2.186040
IP3KA_RAT	Fu:	5326739	i	GSK3B_HUMAN	Fu:	6022	Aden	1J1C	1TZD	1Q41	Sc=6.17865, min distance = 1.895746
IP3KA_RAT	Fu:	6420139	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	2C5V	Sc=6.1091, min distance = 1.6414874
IP3KA_RAT	Fu:	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1TZD	3EJ1	Sc=6.06692, min distance = 2.297284
IP3KB_RAT	Fu:	10172943		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2JDS	Sc=6.53435, min distance = 2.076380
IP3KB_RAT	Fu:	11608401		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2UVY	Sc=6.18565, min distance = 2.039235
IP3KB_RAT	Fu:	11708454		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2VNW	Sc=6.08502, min distance = 2.042934
IP3KB_RAT	Fu:	15602983		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2UW5	Sc=6.18541, min distance = 2.068756
IP3KB_RAT	Fu:	16122635		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2UW8	Sc=5.80534, min distance = 2.071936
IP3KB_RAT	Fu:	17751819		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2VO6	Sc=6.32621, min distance = 2.168194
IP3KB_RAT	Fu:	24762195		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	2VO0	Sc=6.33407, min distance = 2.225542
IP3KB_RAT	Fu:	3547	Fasu	KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	1Q8W	Sc=5.99721, min distance = 2.118254
IP3KB_RAT	Fu:	36735	Gpp	Q9RVK2_DEIRA	I	5957	Aden	1SU2	2AQX	1SZ3	0.8 Sc=6.42539, min distance = 2.072982
IP3KB_RAT	Fu:	440317	AT	PURT_ECOLI	Fu:	5957	Aden	1KJ8	2AQX	1KJJ	0.99 Sc=5.99517, min distance = 2.297336
IP3KB_RAT	Fu:	447840	CI	PHKG1_RABIT	Fu:	5957	Aden	1QL6	2AQX	1PHK	Sc=6.01621, min distance = 2.094794
IP3KB_RAT	Fu:	447916	ac	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	2AQX	1ZTF	0.94 Sc=6.22742, min distance = 2.196058
IP3KB_RAT	Fu:	449240	1y	KAPCA_BOVIN	Fu:	5957	Aden	1Q24	2AQX	1YDR	Sc=6.01898, min distance = 2.038206

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IP3KB_RAT	Fu: 449241	1y	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2AQX	1YDT		Sc=6.17707, min distance = 1.978510
IP3KB_RAT	Fu: 5280343	d	PK3CG_PIG	Fu: 5957	Aden	1E8X	2AQX	1E8W		Sc=6.41005, min distance = 1.637400
IP3KB_RAT	Fu: 6022	Ader	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	2AQX	2JA3	0.99	Sc=6.44264, min distance = 1.840620
IP3KB_RAT	Fu: 6022	Ader	DDL_THET8	Fu: 5957	Aden	2ZDQ	2AQX	2ZDH	0.99	Sc=5.68792, min distance = 1.811680
IP3KB_RAT	Fu: 6022	Ader	FAK1_HUMAN	Fu: 5957	Aden	2IJM	2AQX	1MP8	0.99	Sc=5.96524, min distance = 1.903280
IP3KB_RAT	Fu: 6022	Ader	PDK2_HUMAN	Fu: 5957	Aden	2BU2	2AQX	2BU8	0.99	Sc=5.96283, min distance = 2.222980
IP3KB_RAT	Fu: 6022	Ader	RK_BOVIN	Full:	5957	Aden	3C4W	2AQX	0.99	Sc=5.97663, min distance = 2.437560
IP3KB_RAT	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	2AQX	2J9D	0.99	Sc=6.4207, min distance = 2.3861320
IP3KB_RAT	Fu: 6083	ader	PURP_PYRFU	Fu: 5957	Aden	2R86	2AQX	2R85	0.98	Sc=6.37349, min distance = 2.525410
IP3KB_RAT	Fu: 6083	ader	Y059_METJA	Fu: 5957	Aden	2J9C	2AQX	2J9D	0.98	Sc=6.36475, min distance = 1.842630
IP3KB_RAT	Fu: 6830	guar	Q381M1_9TRYP	l	5957	Aden	2Q0D	2AQX	0.8	Sc=5.7442, min distance = 2.0974720
IP3KB_RAT	Fu: 6852207	M	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2AQX	2GNI		Sc=6.00397, min distance = 1.997980
IPMK_YEAST	Fu: 15942652		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	2DUV		Sc=6.27883, min distance = 2.264120
IPMK_YEAST	Fu: 23727982		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	3BHU		Sc=6.24086, min distance = 2.140900
IPMK_YEAST	Fu: 4369136	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	1DM2		Sc=6.21983, min distance = 2.502860
IPMK_YEAST	Fu: 445840	di	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	1GII		Sc=6.10512, min distance = 2.222590
IPMK_YEAST	Fu: 447766	1p	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	1P2A		Sc=6.27685, min distance = 2.152260
IPMK_YEAST	Fu: 447962	1p	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	2C5N		Sc=6.11568, min distance = 2.090230
IPMK_YEAST	Fu: 448005	CI	GSK3B_HUMAN	Fu: 6022	Aden	1J1C	2IF8	1Q3W		Sc=6.251, min distance = 1.90093390
IPMK_YEAST	Fu: 6420138	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2IF8	2UUE		Sc=6.2448, min distance = 2.5520490
IPTZ_AGR5	Fu: 24905143		SRC_CHICK	Fu: 6083	aden	3DQX	2ZE6	3EN7		Sc=6.30668, min distance = 2.400890
IPTZ_AGR5	Fu: 2519	caff	PYGM_RABIT	Fu: 6083	aden	8GPB	2ZE6	1GFZ		Sc=5.78631, min distance = 2.027750
IPTZ_AGR5	Fu: 444818	6-	PURA1_MOUSE	Fu: 6083	aden	1MF0	2ZE6	1LON	0.92	Sc=5.93109, min distance = 2.467020
IPTZ_AGR5	Fu: 445708	AM	NADE_ECOLI	Fu: 6083	aden	1WXI	2ZE6	1WXE	0.91	Sc=6.34563, min distance = 2.295720
IPTZ_AGR5	Fu: 5327121	1	PIM1_HUMAN	Fu: 6083	aden	1YXU	2ZE6	2C3I		Sc=6.29931, min distance = 1.604690
IPTZ_AGR5	Fu: 65110	AIC	PURP_METJA	Fu: 6083	aden	2R7M	2ZE6	2R7K	0.79	Sc=6.24971, min distance = 2.155690
IPTZ_AGR5	Fu: 8582	Inos	PURA1_MOUSE	Fu: 6083	aden	1MF0	2ZE6	1IWE	0.79	Sc=5.848, min distance = 2.59444830
IPTZ_AGR5	Fu: 9549204	C	PURA1_MOUSE	Fu: 6083	aden	1MF0	2ZE6	2DGN	0.91	Sc=6.35895, min distance = 2.438030
IPUA_ASPNG	Fu: 444139	CI	AMYP_PIG	Full:	79025	alp	1HX0	2Z8G		Sc=5.67002, min distance = 0
IPUA_ASPNG	Fu: 444139	CI	CDGT2_BACCI	Fu: 79025	alp	1D3C	2Z8G	1DTU		Sc=5.76133, min distance = 0
IPUA_ASPNG	Fu: 444809	Th	AMY1_HORVU	Fu: 79025	alp	1RP8	2Z8G	1P6W	0.78	Sc=5.82954, min distance = 0
IPUA_ASPNG	Fu: 446685	Va	CDGT2_BACCI	Fu: 79025	alp	1D3C	2Z8G	1KCK		Sc=5.83136, min distance = 0
IPUA_ASPNG	Fu: 7027	gluc	Q9C171_PIREQ	l	79025	alp	1GWM	2Z8G		Sc=5.73348, min distance = 0
IPUA_ASPNG	Fu: 892	myo-i	SFTPD_HUMAN	Fu: 79025	alp	1PWB	2Z8G	2OS9		Sc=5.78361, min distance = 0
IRAK4_HUMAN	l	10109823	PIM1_HUMAN	Fu: 444345	1c	1YHS	2NRY	3CY3	26.02	Sc=6.43563, min distance = 2.764910
IRAK4_HUMAN	l	10138993	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2R64	35.75	Sc=6.38883, min distance = 2.315700
IRAK4_HUMAN	l	10224714	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	3DDP	35.75	Sc=6.40415, min distance = 1.902180

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IRAK4_HUMAN	1	11348631	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2E9U	37.04	Sc=6.213, min distance = 2.7884985%
IRAK4_HUMAN	1	11502647	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2GDO	37.04	Sc=6.37053, min distance = 2.50717%
IRAK4_HUMAN	1	11553058	LCK_HUMAN	Fu	444345	1c	1QPD	2NRY	2OF2	41.28	Sc=6.17416, min distance = 2.29474%
IRAK4_HUMAN	1	11690363	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2HY0	37.04	Sc=6.50334, min distance = 2.05960%
IRAK4_HUMAN	1	11986113	PIM1_HUMAN	Fu	444345	1c	1YHS	2NRY	2BZH	26.02	0.76 Sc=6.49921, min distance = 2.39539%
IRAK4_HUMAN	1	11986114	PIM1_HUMAN	Fu	444345	1c	1YHS	2NRY	2BZI	26.02	Sc=6.51103, min distance = 2.23792%
IRAK4_HUMAN	1	1400 nche	HCK_HUMAN	Fu	33113	gar	1AD5	2OID	1QCF	30.71	Sc=6.20471, min distance = 1.33889%
IRAK4_HUMAN	1	1540 1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1H1Q	35.75	Sc=6.25142, min distance = 2.56572%
IRAK4_HUMAN	1	15602982	KAPCA_BOVIN	Fu	444345	1c	1STC	2NRY	2UW6	35	Sc=6.09998, min distance = 2.12427%
IRAK4_HUMAN	1	15942652	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2DUV	35.75	Sc=6.31512, min distance = 2.20258%
IRAK4_HUMAN	1	15942671	FAK1_CHICK	Fu	33113	gar	2J0L	2OID	2J0J	33.75	Sc=6.34152, min distance = 1.30029%
IRAK4_HUMAN	1	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	2NRY	2OF4	41.28	Sc=6.15318, min distance = 2.87703%
IRAK4_HUMAN	1	160355 rc	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	3DDQ	35.75	Sc=6.26534, min distance = 2.16170%
IRAK4_HUMAN	1	16058617	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2HOG	37.04	Sc=6.31278, min distance = 2.61558%
IRAK4_HUMAN	1	16058649	IGF1R_HUMAN	Fu	33113	gar	1JQH	2OID	2OJ9	36.49	Sc=6.56614, min distance = 1.60817%
IRAK4_HUMAN	1	16122608	PDPK1_HUMAN	Fu	444345	1c	1OKY	2NRY	2PE1	39.02	Sc=6.33095, min distance = 2.89586%
IRAK4_HUMAN	1	16122643	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2YWP	37.04	Sc=6.27445, min distance = 2.74391%
IRAK4_HUMAN	1	16750062	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	2OXD	26.76	Sc=5.61713, min distance = 2.60726%
IRAK4_HUMAN	1	17754396	PDPK1_HUMAN	Fu	444345	1c	1OKY	2NRY	2R7B	39.02	Sc=6.28314, min distance = 2.73102%
IRAK4_HUMAN	1	188966 da	HSLU_ECOLI	Fu	33113	gar	1E94	2OID	1G4A	37.04	0.97 Sc=6.29104, min distance = 2.18933%
IRAK4_HUMAN	1	1907917 2	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2CGW	37.04	Sc=6.1238, min distance = 2.960064%
IRAK4_HUMAN	1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3F	35.75	Sc=5.98555, min distance = 2.60252%
IRAK4_HUMAN	1	23653516	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3G	35.75	Sc=6.10593, min distance = 2.66967%
IRAK4_HUMAN	1	23653518	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3J	35.75	Sc=6.20519, min distance = 2.70848%
IRAK4_HUMAN	1	23653519	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3K	35.75	Sc=6.21168, min distance = 2.48323%
IRAK4_HUMAN	1	23653522	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3N	35.75	Sc=6.27155, min distance = 2.27995%
IRAK4_HUMAN	1	23653524	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3P	35.75	Sc=6.29497, min distance = 2.05177%
IRAK4_HUMAN	1	23653526	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2R3R	35.75	Sc=6.19165, min distance = 2.62348%
IRAK4_HUMAN	1	23657799	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2E9O	37.04	Sc=6.48093, min distance = 2.65138%
IRAK4_HUMAN	1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2E9P	37.04	Sc=6.27157, min distance = 2.74986%
IRAK4_HUMAN	1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	3BHU	35.75	Sc=6.26096, min distance = 2.22974%
IRAK4_HUMAN	1	2396 bis1	PIM1_HUMAN	Fu	33113	gar	1XR1	2OID	1XWS	26.02	Sc=6.33062, min distance = 2.11581%
IRAK4_HUMAN	1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	2NRY	2QHM	37.04	Sc=6.05296, min distance = 3.00624%
IRAK4_HUMAN	1	24779674	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	2PVH	26.76	Sc=5.99877, min distance = 2.49930%
IRAK4_HUMAN	1	24779677	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	2PVL	26.76	Sc=6.26491, min distance = 2.45925%
IRAK4_HUMAN	1	24779678	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	2PVM	26.76	Sc=6.38989, min distance = 1.29085%
IRAK4_HUMAN	1	24820122	PIM1_HUMAN	Fu	444345	1c	1YHS	2NRY	3BWF	26.02	Sc=6.51656, min distance = 2.27421%

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IRAK4_HUMAN	1	24851689	PIM1_HUMAN	Fu	33113	gar	1XR1	2OID	3CY2	26.02		Sc=6.18243, min distance = 2.07218
IRAK4_HUMAN	1	24864081	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2VTS	35.75		Sc=6.28487, min distance = 2.13873
IRAK4_HUMAN	1	24901723	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2W06	35.75		Sc=6.19381, min distance = 1.77390
IRAK4_HUMAN	1	24905143	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2NRY	2V4L			Sc=5.99448, min distance = 2.99346
IRAK4_HUMAN	1	24905144	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2NRY	3ENE			Sc=6.09651, min distance = 2.55310
IRAK4_HUMAN	1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	3DOG	35.75		Sc=6.26308, min distance = 2.10557
IRAK4_HUMAN	1	24963033	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2W05	35.75		Sc=6.21777, min distance = 2.33100
IRAK4_HUMAN	1	3064778	ROCK1_HUMAN	Fu	33113	gar	2V55	2OID	2ETK	33.59		Sc=6.05783, min distance = 2.41567
IRAK4_HUMAN	1	3543	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1G5S	35.75		Sc=6.36836, min distance = 2.43712
IRAK4_HUMAN	1	3547	KAPCA_BOVIN	Fu	444345	1c	1STC	2NRY	1Q8W	35		Sc=5.91979, min distance = 2.73667
IRAK4_HUMAN	1	36735	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	1DAY	26.76	0.8	Sc=5.98597, min distance = 2.49724
IRAK4_HUMAN	1	4369136	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1DM2	35.75		Sc=6.24611, min distance = 2.94143
IRAK4_HUMAN	1	444367	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	1OM1	26.76		Sc=6.12811, min distance = 1.39738
IRAK4_HUMAN	1	445966	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1H0V	35.75		Sc=6.07485, min distance = 2.88060
IRAK4_HUMAN	1	447649	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1OI9	35.75		Sc=6.34252, min distance = 2.54736
IRAK4_HUMAN	1	447653	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1OIR	35.75		Sc=6.33232, min distance = 3.13391
IRAK4_HUMAN	1	447654	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1OIT	35.75		Sc=6.15371, min distance = 1.73879
IRAK4_HUMAN	1	447655	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1OIU	35.75		Sc=6.18239, min distance = 2.56707
IRAK4_HUMAN	1	447766	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1P2A	35.75		Sc=6.30385, min distance = 2.19460
IRAK4_HUMAN	1	447962	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	2C5N	35.75		Sc=6.11439, min distance = 2.57190
IRAK4_HUMAN	1	448005	GSK3B_HUMAN	Fu	33113	gar	1J1B	2OID	1Q3W	35.29		Sc=6.26018, min distance = 1.86404
IRAK4_HUMAN	1	448008	GSK3B_HUMAN	Fu	33113	gar	1J1B	2OID	1Q4L	35.29		Sc=6.36346, min distance = 1.62578
IRAK4_HUMAN	1	448008	GSK3B_HUMAN	Fu	444345	1c	1Q3D	2NRY	1Q4L	35.29		Sc=6.35401, min distance = 2.52666
IRAK4_HUMAN	1	448014	GSK3B_HUMAN	Fu	33113	gar	1J1B	2OID	1Q5K	35.29		Sc=6.2226, min distance = 2.23710
IRAK4_HUMAN	1	448042	ROCK1_HUMAN	Fu	33113	gar	2V55	2OID	2ETR	33.59		Sc=6.02432, min distance = 2.23646
IRAK4_HUMAN	1	448043	KAPCA_BOVIN	Fu	444345	1c	1STC	2NRY	1Q8U	35		Sc=5.97973, min distance = 2.63467
IRAK4_HUMAN	1	448043	ROCK1_HUMAN	Fu	33113	gar	2V55	2OID	3D9V	33.59		Sc=5.97844, min distance = 2.58429
IRAK4_HUMAN	1	448293	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1R78	35.75		Sc=6.45251, min distance = 1.57625
IRAK4_HUMAN	1	449240	KAPCA_BOVIN	Fu	444345	1c	1STC	2NRY	1YDR	35		Sc=5.92379, min distance = 2.55884
IRAK4_HUMAN	1	456214	KS6A1_HUMAN	Fu	444345	1c	2Z7R	2NRY	2Z7S			Sc=6.27985, min distance = 2.07706
IRAK4_HUMAN	1	456214	SRC_HUMAN	Fu	33113	gar	2SRC	2OID	1YOM	40		Sc=6.32395, min distance = 1.42197
IRAK4_HUMAN	1	4566	CDK2_HUMAN	Fu	444345	1c	1AQ1	2NRY	1H1S	35.75		Sc=6.30357, min distance = 1.29843
IRAK4_HUMAN	1	5281672	PIM1_HUMAN	Fu	444345	1c	1YHS	2NRY	2O63	26.02		Sc=6.4081, min distance = 2.03027
IRAK4_HUMAN	1	5281680	PIM1_HUMAN	Fu	33113	gar	1XR1	2OID	2O64	26.02		Sc=6.42683, min distance = 1.84415
IRAK4_HUMAN	1	5287844	GSK3B_HUMAN	Fu	33113	gar	1J1B	2OID	1UV5	35.29		Sc=6.30549, min distance = 2.12663
IRAK4_HUMAN	1	5326739	GSK3B_HUMAN	Fu	33113	gar	1J1B	2OID	1Q41	35.29		Sc=6.24957, min distance = 2.46086
IRAK4_HUMAN	1	5326976	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OID	1ZOE	26.76		Sc=5.61588, min distance = 3.02517

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IRAK4_HUMAN	1	5327122	CHK1_HUMAN	Fu: 444345	1c	1NVR	2NRY	2C3K	37.04		Sc=6.48266, min distance = 1.26567	
IRAK4_HUMAN	1	5327123	CHK1_HUMAN	Fu: 444345	1c	1NVR	2NRY	2C3L	37.04		Sc=6.11735, min distance = 2.68057	
IRAK4_HUMAN	1	5327130	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2C68	35.75		Sc=6.21699, min distance = 1.92849	
IRAK4_HUMAN	1	5327131	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2C69	35.75		Sc=6.19527, min distance = 1.91606	
IRAK4_HUMAN	1	5331010	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2BKZ	35.75		Sc=6.21838, min distance = 2.21961	
IRAK4_HUMAN	1	5494414	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2A0C	35.75		Sc=6.41339, min distance = 2.35515	
IRAK4_HUMAN	1	6083	ader	HSP71_HUMAN	Fu: 33113	gar	2E8A	2OID	1XQS	0.97	Sc=6.23953, min distance = 2.08624	
IRAK4_HUMAN	1	6083	ader	PIM1_HUMAN	Fu: 444345	1c	1YHS	2NRY	1YXU	26.02	Sc=6.33641, min distance = 2.30378	
IRAK4_HUMAN	1	6083	ader	Q6L8F0_THETH	1	33113	gar	1V25	2OID	1V26	0.97	Sc=6.2676, min distance = 2.375834
IRAK4_HUMAN	1	60961	ade	PIM1_HUMAN	Fu: 33113	gar	1XR1	2OID	1YI4	26.02	0.93	Sc=6.15985, min distance = 1.71125
IRAK4_HUMAN	1	60961	ade	PIM1_HUMAN	Fu: 444345	1c	1YHS	2NRY	1YI4	26.02		Sc=6.1349, min distance = 2.961697
IRAK4_HUMAN	1	60961	ade	SKY1_YEAST	Fu: 33113	gar	1Q99	2OID	1Q97		0.93	Sc=6.15803, min distance = 2.91631
IRAK4_HUMAN	1	611002	Op	PIM1_HUMAN	Fu: 33113	gar	1XR1	2OID	1YXX	26.02		Sc=6.04186, min distance = 2.60668
IRAK4_HUMAN	1	6420139	C	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2C5V	35.75		Sc=6.11139, min distance = 2.33698
IRAK4_HUMAN	1	6420140	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2C5V	35.75		Sc=6.43862, min distance = 2.61698
IRAK4_HUMAN	1	6540272	C	CHK1_HUMAN	Fu: 444345	1c	1NVR	2NRY	2CGU	37.04		Sc=6.37484, min distance = 2.59319
IRAK4_HUMAN	1	6540273	2	CHK1_HUMAN	Fu: 444345	1c	1NVR	2NRY	2CGV	37.04		Sc=6.13393, min distance = 2.32329
IRAK4_HUMAN	1	657072	RY	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2BHH	35.75		Sc=6.454, min distance = 2.7517719
IRAK4_HUMAN	1	657138	1z	PDPK1_HUMAN	Fu: 444345	1c	1OKY	2NRY	1Z5M	39.02		Sc=6.66265, min distance = 2.07727
IRAK4_HUMAN	1	6852201	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	2G9X	35.75		Sc=6.45765, min distance = 2.11453
IRAK4_HUMAN	1	6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	2NRY	2GNI	35		Sc=5.91374, min distance = 2.46264
IRAK4_HUMAN	1	6914568	C	CHK1_HUMAN	Fu: 444345	1c	1NVR	2NRY	1ZYS	37.04		Sc=6.48043, min distance = 2.20633
IRAK4_HUMAN	1	72271	7-H	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	1PKD	35.75	0.91	Sc=6.47702, min distance = 2.15044
IRAK4_HUMAN	1	91532	AME	IGF1R_HUMAN	Fu: 33113	gar	1JQH	2OID	1K3A	36.49	0.99	Sc=6.41949, min distance = 2.09255
IRAK4_HUMAN	1	91532	AME	KIF1A_MOUSE	Fu: 33113	gar	1VFV	2OID	1I6I		0.99	Sc=5.99986, min distance = 2.19120
IRAK4_HUMAN	1	91532	AME	PURT_ECOLI	Fu: 33113	gar	1EYZ	2OID	1KJI		0.99	Sc=6.44013, min distance = 1.82542
IRAK4_HUMAN	1	9547890	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2NRY	1W8C	35.75		Sc=6.20235, min distance = 2.35894
IRE1_YEAST	Fu: 11957417		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2I40	30.3		Sc=6.31112, min distance = 1.90196	
IRE1_YEAST	Fu: 1540	1h1c	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	1H1Q	30.3		Sc=6.40622, min distance = 1.47537	
IRE1_YEAST	Fu: 15942652		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2DUV	30.3		Sc=6.32552, min distance = 2.38206	
IRE1_YEAST	Fu: 160355	rc	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	3DDQ	30.3		Sc=6.41938, min distance = 0.72714	
IRE1_YEAST	Fu: 16214823		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2UZB	30.3		Sc=6.16348, min distance = 1.59661	
IRE1_YEAST	Fu: 16214825		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2UZE	30.3		Sc=6.29726, min distance = 2.74733	
IRE1_YEAST	Fu: 23653515		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2R3F	30.3		Sc=6.0749, min distance = 2.22257	
IRE1_YEAST	Fu: 23653518		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2R3J	30.3		Sc=6.25253, min distance = 2.24899	
IRE1_YEAST	Fu: 23653519		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2R3K	30.3		Sc=6.26271, min distance = 2.14339	
IRE1_YEAST	Fu: 23653520		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2RIO	2R3L	30.3		Sc=6.25365, min distance = 2.21591	

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IRE1_YEAST	F1	23653521	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2R3M	30.3	Sc=6.45007, min distance = 2.158075	
IRE1_YEAST	F1	23653522	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2R3N	30.3	Sc=6.32697, min distance = 2.518542	
IRE1_YEAST	F1	23653524	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2R3P	30.3	Sc=6.31072, min distance = 2.280267	
IRE1_YEAST	F1	23653526	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2R3R	30.3	Sc=6.26593, min distance = 2.262867	
IRE1_YEAST	F1	24864078	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2VTO	30.3	Sc=6.40312, min distance = 2.307281	
IRE1_YEAST	F1	3543	1g5e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1G5S	30.3	Sc=6.46313, min distance = 2.284892
IRE1_YEAST	F1	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1E1X	30.3	Sc=6.17532, min distance = 1.701568
IRE1_YEAST	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1DM2	30.3	Sc=6.23385, min distance = 2.383195
IRE1_YEAST	F1	444345	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1AQ1	30.3	Sc=6.3596, min distance = 2.0985506
IRE1_YEAST	F1	444564	AD	MYS2_DICDI	Fu:	6022	Aden	1VOM	2RIO	1W9I	0.91	Sc=6.39587, min distance = 2.238275
IRE1_YEAST	F1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1GII	30.3	Sc=6.23524, min distance = 2.247115
IRE1_YEAST	F1	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1H0V	30.3	Sc=6.17941, min distance = 2.072965
IRE1_YEAST	F1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1OIQ	30.3	Sc=6.13286, min distance = 2.306811
IRE1_YEAST	F1	447655	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1OIU	30.3	Sc=6.3977, min distance = 1.1830646
IRE1_YEAST	F1	447766	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1P2A	30.3	Sc=6.31734, min distance = 2.345911
IRE1_YEAST	F1	447821	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1PF8	30.3	Sc=6.12862, min distance = 2.207747
IRE1_YEAST	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	2RIO	1ZTF	0.95	Sc=6.17756, min distance = 2.796612
IRE1_YEAST	F1	447962	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2C5N	30.3	Sc=6.27915, min distance = 1.158385
IRE1_YEAST	F1	447967	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1PYE	30.3	Sc=6.35941, min distance = 2.272825
IRE1_YEAST	F1	449087	1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1VYW	30.3	Sc=6.29126, min distance = 2.097918
IRE1_YEAST	F1	449088	1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1VYZ	30.3	Sc=6.13164, min distance = 2.425621
IRE1_YEAST	F1	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1E1V	30.3	Sc=6.1411, min distance = 2.0391454
IRE1_YEAST	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1H1R	30.3	Sc=6.36022, min distance = 1.732346
IRE1_YEAST	F1	5287845	N	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2BHE	30.3	Sc=6.22185, min distance = 2.316096
IRE1_YEAST	F1	5288641	i	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1E9H	30.3	Sc=6.27113, min distance = 2.585431
IRE1_YEAST	F1	5327124		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2C4G	30.3	Sc=6.28487, min distance = 2.106187
IRE1_YEAST	F1	5327148	C	IPKA_RABIT	Fu:	6022	Aden	1JBP	2RIO	2ERZ		Sc=6.12828, min distance = 2.413642
IRE1_YEAST	F1	5494414	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2A0C	30.3	Sc=6.4896, min distance = 2.1444535
IRE1_YEAST	F1	5957	Ader	HSLU_ECOLI	Fu:	6022	Aden	1HQY	2RIO	1DO0	0.99	Sc=6.41442, min distance = 1.544215
IRE1_YEAST	F1	5957	Ader	MALK_ECOLI	Fu:	6022	Aden	2AWN	2RIO	1Q12	0.99	Sc=6.42875, min distance = 2.195448
IRE1_YEAST	F1	5957	Ader	RK_BOVIN	Full:	6022	Aden	3C4Z	2RIO	3C4W	0.99	Sc=5.98265, min distance = 2.610755
IRE1_YEAST	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	2RIO	2R7M	0.99	Sc=5.86642, min distance = 2.569624
IRE1_YEAST	F1	656972	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	1Y91	30.3	Sc=6.41549, min distance = 1.931145
IRE1_YEAST	F1	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	2RIO	1QYE	0.89	Sc=6.07254, min distance = 2.321857
IRE1_YEAST	F1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	2RIO	2PUL	0.99	Sc=6.46427, min distance = 2.249761
IRE1_YEAST	F1	9991833	S	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2RIO	2R3H	30.3	Sc=6.11262, min distance = 2.708568
ISDC_STAA8	F1	11957385		MYG_PHYCA	Ful:	444098	HE	1A6M	2O6P	2CMM		Sc=6.12595, min distance = 1.901075

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ISDG_STAAN	Ft	11957355	CY1_BOVIN	Ful	444098	HE	1L0N	2ZDO	1L0L	0.77	Sc=6.63037, min distance = 1.279734	
ISDG_STAAN	Ft	11957360	CY1_BOVIN	Ful	444098	HE	1L0N	2ZDO	1NTM		Sc=6.61541, min distance = 1.580820	
ISDG_STAAN	Ft	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2ZDO	2CMM		Sc=6.19212, min distance = 2.203371	
ISDG_STAAN	Ft	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	2ZDO	1CPE	0.83	Sc=6.692, min distance = 2.08588230	
ISDH_STAAB	Ft	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2Z6F	2CMM		Sc=6.08257, min distance = 2.478211	
ISPA_ECOLI	Ft	11266583	FPPS_HUMAN	Fu	5245	Rise	2QIS	1RQJ	2OPM	0.84	Sc=6.05283, min distance = 2.241018	
ISPA_ECOLI	Ft	130956	FPPS_HUMAN	Fu	1195	isop	1ZW5	1RQJ	3B7L		Sc=6.2709, min distance = 2.3198801	
ISPA_ECOLI	Ft	16750060	FPPS_HUMAN	Fu	1195	isop	1ZW5	1RQJ	2OPN		Sc=5.7696, min distance = 2.1959658	
ISPA_ECOLI	Ft	16750107	FPPS_HUMAN	Fu	1195	isop	1ZW5	1RQJ	2RAH		Sc=6.23391, min distance = 2.249349	
ISPA_ECOLI	Ft	4674	FPPS_HUMAN	Fu	1195	isop	1ZW5	1RQJ	2F89		Sc=5.70193, min distance = 2.481197	
ISPA_ECOLI	Ft	4674	FPPS_HUMAN	Fu	5245	Rise	2QIS	1RQJ	2F89		Sc=5.67424, min distance = 2.375404	
ISPD_ECOLI	Ft	6131	Cyti	KPSU5_ECOLX	Ft	6176	Cyti	1H7G	1I52	1H7F	0.98	Sc=6.27868, min distance = 2.113755
ISPD_ECOLI	Ft	6132	Cyti	KPSU5_ECOLX	Ft	6176	Cyti	1H7G	1I52	1H7H	0.99	Sc=6.34612, min distance = 2.040046
ISPD_THEMA	Ft	6131	Cyti	KPSU5_ECOLX	Ft	6176	Cyti	1H7G	1VPA	1H7F	0.98	Sc=6.29152, min distance = 1.673046
ISPD_THEMA	Ft	6132	Cyti	KPSU5_ECOLX	Ft	6176	Cyti	1H7G	1VPA	1H7H	0.99	Sc=6.36324, min distance = 2.086262
ISPE_AQUAE	Ft	440317	AT	VPS4_YEAST	Fu	6022	Aden	2QPA	2V8P	3EIH	0.99	Sc=6.00956, min distance = 1.621519
ISPE_AQUAE	Ft	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	2V8P	1HIY	0.97	Sc=5.94326, min distance = 2.163334
ISPE_AQUAE	Ft	447017	CI	NDKC_DICDI	Fu	6022	Aden	1KDN	2V8P	1LWX		Sc=5.87822, min distance = 2.022378
ISPE_AQUAE	Ft	6133	uric	UCK2_HUMAN	Fu	6175	Cyti	1UEJ	2V34	1UEI	0.75	Sc=5.63022, min distance = 1.821985
ISPE_AQUAE	Ft	6176	Cyti	UCK2_HUMAN	Fu	6175	Cyti	1UEJ	2V34	1UDW	0.9	Sc=5.6104, min distance = 2.1820178
ITK_HUMAN	Fu	10125830		CHK1_HUMAN	Fu	444345	1c	1NVR	1SM2	2AYP		Sc=6.38334, min distance = 2.638185
ITK_HUMAN	Fu	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	1SM2	3DDP		Sc=6.47674, min distance = 2.305059
ITK_HUMAN	Fu	11175137		KAPCA_BOVIN	Ft	444345	1c	1STC	1SM2	2UW7		Sc=6.1997, min distance = 1.9586799
ITK_HUMAN	Fu	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	1SM2	2E9U		Sc=6.23509, min distance = 2.633267
ITK_HUMAN	Fu	11502647		CHK1_HUMAN	Fu	444345	1c	1NVR	1SM2	2GDO		Sc=6.37621, min distance = 2.304070
ITK_HUMAN	Fu	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	1SM2	2OF2		Sc=6.30229, min distance = 2.009429
ITK_HUMAN	Fu	11696113		KAPCA_BOVIN	Ft	444345	1c	1STC	1SM2	2VO3		Sc=6.32395, min distance = 1.569949
ITK_HUMAN	Fu	11992146		MAPK2_HUMAN	Ft	444345	1c	2PZY	1SM2	2P3G		Sc=6.29792, min distance = 2.251476
ITK_HUMAN	Fu	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1SM2	1H1Q		Sc=6.26593, min distance = 1.722611
ITK_HUMAN	Fu	15602982		KAPCA_BOVIN	Ft	444345	1c	1STC	1SM2	2UW6		Sc=6.08317, min distance = 2.456271
ITK_HUMAN	Fu	15602983		KAPCA_BOVIN	Ft	444345	1c	1STC	1SM2	2UW5		Sc=6.12205, min distance = 1.490819
ITK_HUMAN	Fu	15942652		CDK2_HUMAN	Fu	444345	1c	1AQ1	1SM2	2DUV		Sc=6.31323, min distance = 2.778479
ITK_HUMAN	Fu	15991572		LCK_HUMAN	Fu	444345	1c	1QPD	1SM2	2OF4		Sc=6.27354, min distance = 1.499700
ITK_HUMAN	Fu	160355	rc	CDK2_HUMAN	Fu	444345	1c	1AQ1	1SM2	3DDQ		Sc=6.35644, min distance = 1.883666
ITK_HUMAN	Fu	16040274		KAPCA_BOVIN	Ft	444345	1c	1STC	1SM2	2OJF		Sc=6.52543, min distance = 2.238576
ITK_HUMAN	Fu	16122608		PDPK1_HUMAN	Ft	444345	1c	1OKY	1SM2	2PE1		Sc=6.34671, min distance = 2.440109
ITK_HUMAN	Fu	16122633		KAPCA_BOVIN	Ft	444345	1c	1STC	1SM2	2UW0		Sc=6.45246, min distance = 1.749519

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ITK_HUMAN	Fu: 16122642	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	2UZW	Sc=6.37409, min distance = 2.35389
ITK_HUMAN	Fu: 16122643	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2YWP	Sc=6.28077, min distance = 2.58653
ITK_HUMAN	Fu: 16214823	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2UZB	Sc=6.09911, min distance = 2.28421
ITK_HUMAN	Fu: 16214825	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2UZE	Sc=6.2671, min distance = 2.31044
ITK_HUMAN	Fu: 16214827	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2UZN	Sc=6.0864, min distance = 2.561346
ITK_HUMAN	Fu: 16214828	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2UZO	Sc=6.08061, min distance = 2.31105
ITK_HUMAN	Fu: 16758227	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2R0U	Sc=6.55315, min distance = 2.09826
ITK_HUMAN	Fu: 1707 1fv	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1FVT	Sc=6.11218, min distance = 2.15407
ITK_HUMAN	Fu: 1907917 2	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2CGW	Sc=6.16831, min distance = 2.72144
ITK_HUMAN	Fu: 23653515	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2R3F	Sc=6.03316, min distance = 2.48829
ITK_HUMAN	Fu: 23653516	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2R3G	Sc=6.20786, min distance = 2.69433
ITK_HUMAN	Fu: 23653518	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2R3J	Sc=6.21437, min distance = 2.45348
ITK_HUMAN	Fu: 23653519	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2R3K	Sc=6.10993, min distance = 2.29193
ITK_HUMAN	Fu: 23653520	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2R3L	Sc=6.20648, min distance = 2.44322
ITK_HUMAN	Fu: 23653521	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2R3M	Sc=6.37599, min distance = 2.33427
ITK_HUMAN	Fu: 23657800	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2E9P	Sc=6.27734, min distance = 2.38488
ITK_HUMAN	Fu: 23727982	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	3BHU	Sc=6.2587, min distance = 2.481677
ITK_HUMAN	Fu: 2403 1uv	PDPK1_HUMAN	Fu: 444345	1c	1OKY	1SM2	1UVR	Sc=6.3943, min distance = 2.14585
ITK_HUMAN	Fu: 24752838	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2QHM	Sc=6.08062, min distance = 2.82585
ITK_HUMAN	Fu: 24762195	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	2V00	Sc=6.29397, min distance = 2.49072
ITK_HUMAN	Fu: 24820122	PIM1_HUMAN	Fu: 444345	1c	1YHS	1SM2	3BWF	Sc=6.25659, min distance = 2.05248
ITK_HUMAN	Fu: 24901723	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2W06	Sc=6.1891, min distance = 2.421725
ITK_HUMAN	Fu: 24905143	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	1SM2	2V4L	Sc=6.12521, min distance = 2.57597
ITK_HUMAN	Fu: 24916751	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	3DOG	Sc=6.3533, min distance = 1.884511
ITK_HUMAN	Fu: 25021197	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	3EOC	Sc=6.23262, min distance = 2.47993
ITK_HUMAN	Fu: 3543 1g5	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1G5S	Sc=6.36557, min distance = 2.00840
ITK_HUMAN	Fu: 3547 Fas	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	1Q8W	Sc=5.91095, min distance = 2.62379
ITK_HUMAN	Fu: 4369136 C	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1DM2	Sc=6.25952, min distance = 2.71977
ITK_HUMAN	Fu: 447649 1c	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1OI9	Sc=6.34884, min distance = 1.80133
ITK_HUMAN	Fu: 447652 In	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1OIQ	Sc=6.13569, min distance = 1.99913
ITK_HUMAN	Fu: 447654 CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1OIT	Sc=6.15275, min distance = 2.40535
ITK_HUMAN	Fu: 447655 1c	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1OIU	Sc=6.27842, min distance = 1.64699
ITK_HUMAN	Fu: 447962 1g	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2C5N	Sc=6.13598, min distance = 2.78989
ITK_HUMAN	Fu: 448043 2g	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	1Q8U	Sc=5.98089, min distance = 2.62426
ITK_HUMAN	Fu: 448170 CI	LCK_HUMAN	Fu: 444345	1c	1QPD	1SM2	1QPC	Sc=6.36251, min distance = 2.12313
ITK_HUMAN	Fu: 448293 CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1R78	Sc=6.44774, min distance = 2.18145
ITK_HUMAN	Fu: 449087 1v	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1VYW	Sc=6.27029, min distance = 2.43398

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ITK_HUMAN	Fu: 449240	1y	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	1YDR		Sc=5.92505, min distance = 2.552802	
ITK_HUMAN	Fu: 4565	1h1r	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1H1R		Sc=6.24794, min distance = 2.787211	
ITK_HUMAN	Fu: 4566	1h1s	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1H1S		Sc=6.29859, min distance = 2.547798	
ITK_HUMAN	Fu: 5281680	Q	PIM1_HUMAN	Fu: 444345	1c	1YHS	1SM2	2O64		Sc=6.42308, min distance = 2.587711	
ITK_HUMAN	Fu: 5288016	6	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2B53		Sc=6.16143, min distance = 2.383040	
ITK_HUMAN	Fu: 5288708	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1KE5		Sc=6.12862, min distance = 2.568894	
ITK_HUMAN	Fu: 5288711	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1KE8		Sc=6.27842, min distance = 2.524491	
ITK_HUMAN	Fu: 5288712	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1KE9		Sc=6.22185, min distance = 2.486555	
ITK_HUMAN	Fu: 5327109	2	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	2C1A		Sc=6.14277, min distance = 2.203205	
ITK_HUMAN	Fu: 5327121	1	PIM1_HUMAN	Fu: 444345	1c	1YHS	1SM2	2C3I		Sc=6.23523, min distance = 2.487210	
ITK_HUMAN	Fu: 5327122	Q	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2C3K		Sc=6.47609, min distance = 2.081049	
ITK_HUMAN	Fu: 5327123	1	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	2C3L		Sc=6.14892, min distance = 2.543111	
ITK_HUMAN	Fu: 5331010	Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2BKZ		Sc=6.30646, min distance = 2.349189	
ITK_HUMAN	Fu: 5494414	Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2A0C		Sc=6.47159, min distance = 2.363676	
ITK_HUMAN	Fu: 5687	1di8	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1DI8		Sc=6.24353, min distance = 2.127169	
ITK_HUMAN	Fu: 5957	Ader	PDPK1_HUMAN	Fu: 444345	1c	1OKY	1SM2	2BIY		Sc=5.97606, min distance = 2.250130	
ITK_HUMAN	Fu: 6083	ader	PIM1_HUMAN	Fu: 444345	1c	1YHS	1SM2	1YXU		Sc=6.33538, min distance = 2.329134	
ITK_HUMAN	Fu: 6420138	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	2UUE		Sc=6.27029, min distance = 2.281161	
ITK_HUMAN	Fu: 6539118	Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1FVV		Sc=6.36896, min distance = 2.281150	
ITK_HUMAN	Fu: 6540255	Q	DAPK1_HUMAN	Fu: 444345	1c	1WVY	1SM2	1WVX	0.78	Sc=6.31323, min distance = 1.822011	
ITK_HUMAN	Fu: 656971	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1Y8Y		Sc=6.00741, min distance = 2.284102	
ITK_HUMAN	Fu: 6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	2GNI		Sc=5.92776, min distance = 2.593214	
ITK_HUMAN	Fu: 6914611	g	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	2F7E		Sc=6.42757, min distance = 2.098291	
ITK_HUMAN	Fu: 6914614	g	KAPCA_BOVIN	Fu: 444345	1c	1STC	1SM2	2F7Z		Sc=6.48589, min distance = 1.961440	
ITK_HUMAN	Fu: 72271	7-H	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	1PKD	0.91	Sc=6.45765, min distance = 2.331190	
ITK_HUMAN	Fu: 72271	7-H	CHK1_HUMAN	Fu: 444345	1c	1NVR	1SM2	1NVQ	0.91	Sc=6.45363, min distance = 2.461320	
ITK_HUMAN	Fu: 9817550	V	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1SM2	3BHV		Sc=6.37591, min distance = 2.240646	
ITPA_HUMAN	Fu: 445708	AM	PURA_ECOLI	Fu: 8582	Inos	1CIB	2J4E	1SON	0.81	Sc=6.41736, min distance = 2.067131	
ITPA_HUMAN	Fu: 6083	ader	PURA1_MOUSE	Fu: 8582	Inos	1IWE	2J4E	1MF0	0.79	Sc=5.94271, min distance = 1.043090	
ITPA_HUMAN	Fu: 65110	AIC	PURO_METTH	Fu: 8582	Inos	2NTK	2J4E	2NTL	0.97	Sc=5.88808, min distance = 2.073311	
ITPA_HUMAN	Fu: 73323	Xar	HGXR_TOXGO	Fu: 8582	Inos	1QK4	2J4E	1QK5	0.94	Sc=6.46063, min distance = 2.112505	
ITPK1_ENTHI	1 33113	gar	PURT_ECOLI	Fu: 91532	AMP	1KJI	1Z2P	1EYZ	0.99	Sc=6.47984, min distance = 1.951790	
ITPK1_ENTHI	1 445940	O6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1Z2N	1GZ8		Sc=6.19765, min distance = 2.065558	
ITPK1_ENTHI	1 447916	ac	RIO1_ARCFU	Fu: 6022	Aden	1ZTH	1Z2N	1ZTF	0.95	Sc=6.23707, min distance = 2.634765	
ITPK1_ENTHI	1 447955	1g	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1Z2N	1PXI		Sc=5.75124, min distance = 2.139145	
ITPK1_ENTHI	1 5957	Ader	PURK_ECOLI	Fu: 6022	Aden	3ETJ	1Z2N	3ETH	0.99	Sc=6.48498, min distance = 2.157245	
ITPK1_ENTHI	1 5957	Ader	RK_BOVIN	Full=	6022	Aden	3C4Z	1Z2N	3C4W	0.99	Sc=6.02028, min distance = 2.015196

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ITPK1_ENTHI	1	6083	ader	HSP71_HUMAN	Fu	6022	Aden	1S3X	1Z2N	1XQS	0.99	Sc=5.91291, min distance = 1.837494
ITPK1_ENTHI	1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1Z2N	2R7M	0.99	Sc=6.36157, min distance = 2.023311
ITPK1_ENTHI	1	6083	ader	PURP_METJA	Fu	91532	AMF	2R7K	1Z2P	2R7M	0.97	Sc=6.36603, min distance = 2.152311
ITPK1_ENTHI	1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1Z2N	2DTH	0.89	Sc=6.14715, min distance = 2.032965
ITPK1_HUMAN	1	11987876		GSP_ECOLI	Fu	6022	Aden	2IO8	2QB5	2IOA		Sc=6.07033, min distance = 1.084915
ITPK1_HUMAN	1	16750063		CSK2A_MAIZE	Fu	33113	gar	1LP4	2Q7D	2OXX		Sc=5.65713, min distance = 2.129141
ITPK1_HUMAN	1	3454	ganc	KITH_HHV11	Fu	6022	Aden	2VTK	2QB5	1KI2		Sc=6.16831, min distance = 0.597351
ITPK1_HUMAN	1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QB5	1CKP		Sc=5.64083, min distance = 2.037171
ITPK1_HUMAN	1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QB5	1GZ8		Sc=6.25289, min distance = 1.971540
ITPK1_HUMAN	1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2QB5	1ZTF	0.95	Sc=6.28168, min distance = 2.763784
ITPK1_HUMAN	1	448043	2c	ROCK1_HUMAN	Fu	33113	gar	2V55	2Q7D	3D9V		Sc=6.08362, min distance = 1.411708
ITPK1_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2Q7D	2ERZ		Sc=6.23397, min distance = 2.122498
ITPK1_HUMAN	1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2QB5	3C4W	0.99	Sc=6.06004, min distance = 2.019896
ITPK1_HUMAN	1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2QB5	2VII	0.99	Sc=5.92973, min distance = 2.059185
ITPK1_HUMAN	1	91532	AMF	IGF1R_HUMAN	Fu	33113	gar	1JQH	2Q7D	1K3A	0.99	Sc=5.77394, min distance = 2.037686
ITPK1_HUMAN	1	91532	AMF	MTNK_BACSU	Fu	6022	Aden	2OLC	2QB5	2PUL	0.99	Sc=6.09926, min distance = 2.020952
ITPK1_HUMAN	1	9543438	C	DDLB_ECOLI	Fu	6022	Aden	1IOW	2QB5	1IOV		Sc=5.92872, min distance = 2.355285
JHD3A_HUMAN	1	444591	CI	IDH_ECOLI	Fu	51	2-Oxop	1CW4	2Q8C	1BL5		Sc=5.70422, min distance = 2.208784
JHD3A_HUMAN	1	5288998	1	HIF1N_HUMAN	Fu	3080614	C	1H2K	2OX0	1YCI		Sc=6.21246, min distance = 2.293675
JHD3A_HUMAN	1	5496500	1	IDH_ECOLI	Fu	51	2-Oxop	1CW4	2Q8C	1AI2		Sc=6.00403, min distance = 1.452540
JIP1_RAT	Fu	2386	CID2	TRY1_BOVIN	Fu	17472	Hex	2G81	2FPE	1C1T		Sc=5.61096, min distance = 2.513624
K6PF1_ECOLI	1	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	3BHU		Sc=6.23595, min distance = 1.333075
K6PF1_ECOLI	1	2608	1jstv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1JSV		Sc=6.19467, min distance = 1.045440
K6PF1_ECOLI	1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1E1X		Sc=6.31008, min distance = 1.704556
K6PF1_ECOLI	1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	1PFK	1BS1	0.91	Sc=6.43746, min distance = 2.246546
K6PF1_ECOLI	1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1H0V		Sc=6.30319, min distance = 1.587365
K6PF1_ECOLI	1	447048	2k	Y1521_ARCFU	Fu	6022	Aden	2BFR	1PFK	2BFQ	0.95	Sc=6.63477, min distance = 1.692654
K6PF1_ECOLI	1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1OIT		Sc=6.3773, min distance = 0.653894
K6PF1_ECOLI	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1PXI		Sc=5.77922, min distance = 1.844196
K6PF1_ECOLI	1	447962	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	2C5N		Sc=5.9116, min distance = 2.355135
K6PF1_ECOLI	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1H1R		Sc=6.08723, min distance = 2.073645
K6PF1_ECOLI	1	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	2C6K		Sc=5.94925, min distance = 2.051664
K6PF1_ECOLI	1	5327135	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	2C6M		Sc=6.40087, min distance = 0.971052
K6PF1_ECOLI	1	5687	1di8	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1DI8		Sc=5.76117, min distance = 1.403092
K6PF1_ECOLI	1	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	1PFK	2ZIA		Sc=6.34222, min distance = 2.366086
K6PF1_ECOLI	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1PFK	1FMO	0.95	Sc=5.87388, min distance = 2.008860
K6PF1_ECOLI	1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1PFK	2PO2		Sc=6.32, min distance = 2.027713490

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K6PF1_ECOLI	1	6132	Cyt	ECX2_PYRAB	Fu	6022	Aden	2PO0	1PFK	2PO2		Sc=6.32807, min distance = 2.111687
K6PF1_ECOLI	1	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	2UUE		Sc=6.4863, min distance = 0.7520119
K6PF1_ECOLI	1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	1Y8Y		Sc=6.18506, min distance = 1.163072
K6PF1_ECOLI	1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1PFK	1QYE	0.89	Sc=6.21486, min distance = 1.160790
K6PF1_ECOLI	1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1PFK	2DXE	0.8	Sc=6.46298, min distance = 1.238701
K6PF1_ECOLI	1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	3BHV		Sc=6.41259, min distance = 1.105482
K6PF1_ECOLI	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	2R3H		Sc=5.75819, min distance = 2.540088
K6PF1_ECOLI	1	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PFK	2VTJ		Sc=5.71327, min distance = 2.082789
K6PF2_ECOLI	1	11314340		KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CQD	2UZT		Sc=6.4215, min distance = 2.1293120
K6PF2_ECOLI	1	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CQD	2VNW		Sc=6.19465, min distance = 2.350150
K6PF2_ECOLI	1	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CQD	1YDS		Sc=5.95413, min distance = 2.281199
K6PF2_ECOLI	1	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CQD	1Q8W		Sc=6.0197, min distance = 2.2944790
K6PF2_ECOLI	1	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	3CQD	1KJJ	0.99	Sc=6.5042, min distance = 1.3501388
K6PF2_ECOLI	1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	3CQD	1BS1	0.91	Sc=6.44573, min distance = 2.343508
K6PF2_ECOLI	1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CQD	1YDR		Sc=6.03239, min distance = 2.131392
K6PF2_ECOLI	1	6022	Ader	ARSA1_ECOLX	Fu	5957	Aden	1II0	3CQD	1IHU	0.99	Sc=6.44121, min distance = 2.015049
K6PF2_ECOLI	1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	3CQD	1DAD	0.99	Sc=6.45175, min distance = 2.259621
K6PF2_ECOLI	1	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	3CQD	2JA3	0.99	Sc=6.48088, min distance = 1.582981
K6PF2_ECOLI	1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	3CQD	2ZDH	0.99	Sc=6.46586, min distance = 1.692519
K6PF2_ECOLI	1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	3CQD	1NN3	0.99	Sc=6.44446, min distance = 2.350071
K6PF2_ECOLI	1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	3CQD	1OH7	0.99	Sc=6.4349, min distance = 2.1230911
K6PF2_ECOLI	1	6022	Ader	Q72H90_THET2	Fu	5957	Aden	2BEK	3CQD	2BEJ	0.99	Sc=6.45761, min distance = 2.196824
K6PF2_ECOLI	1	6022	Ader	RK_BOVIN	Fu	5957	Aden	3C4W	3CQD	3C4Z	0.99	Sc=6.44521, min distance = 2.368126
K6PF2_ECOLI	1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	3CQD	2J9D	0.99	Sc=6.46635, min distance = 1.737616
K6PF2_ECOLI	1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	3CQD	2R85	0.98	Sc=6.40339, min distance = 2.327311
K6PF2_ECOLI	1	91532	AMF	AROK_MYCTU	Fu	5957	Aden	2IYW	3CQD	1ZYU	0.99	Sc=5.76083, min distance = 2.230527
K6PF2_ECOLI	1	91532	AMF	NIFH1_AZOVI	Fu	5957	Aden	2C8V	3CQD	2AFK	0.99	Sc=6.08494, min distance = 1.914559
K6PF2_ECOLI	1	91532	AMF	PDXK_SHEEP	Fu	5957	Aden	1LHR	3CQD	1RFT	0.99	Sc=6.52283, min distance = 2.229841
K6PF_BACST	Fu	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	4PFK	2ETM		Sc=6.26773, min distance = 2.151099
K6PF_BACST	Fu	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1H1Q		Sc=6.17431, min distance = 1.905459
K6PF_BACST	Fu	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1P5E		Sc=5.68067, min distance = 1.788837
K6PF_BACST	Fu	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2R3F		Sc=5.72005, min distance = 2.293756
K6PF_BACST	Fu	23653516		CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2R3G		Sc=5.88185, min distance = 1.996569
K6PF_BACST	Fu	23653522		CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2R3N		Sc=6.11377, min distance = 2.403939
K6PF_BACST	Fu	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2R3R		Sc=6.06967, min distance = 2.183742
K6PF_BACST	Fu	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	3BHT		Sc=6.19365, min distance = 1.832614
K6PF_BACST	Fu	24864077		CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2VTN		Sc=5.96753, min distance = 2.352871

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K6PF_BACST	F1	2608	1jst	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1JSV		Sc=5.75136, min distance = 2.509126
K6PF_BACST	F1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	4PFK	1B99		Sc=6.30334, min distance = 2.000140
K6PF_BACST	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	4PFK	1BS1	0.91	Sc=6.42696, min distance = 2.052545
K6PF_BACST	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1H0V		Sc=6.31367, min distance = 0.951490
K6PF_BACST	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	4PFK	1HIY	0.97	Sc=6.4311, min distance = 1.3859716
K6PF_BACST	F1	447017	CI	NDKC_DICDI	Fu	6022	Aden	1KDN	4PFK	1LWX		Sc=6.42384, min distance = 1.655492
K6PF_BACST	F1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1OIT		Sc=6.04123, min distance = 2.805055
K6PF_BACST	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1OIU		Sc=6.19635, min distance = 1.838208
K6PF_BACST	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1E1V		Sc=6.26708, min distance = 0.586876
K6PF_BACST	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	1H1R		Sc=6.14778, min distance = 2.054368
K6PF_BACST	F1	5287844	1i	GSK3B_HUMAN	Fu	6022	Aden	1J1C	4PFK	1UV5		Sc=6.11078, min distance = 2.121764
K6PF_BACST	F1	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2BTS		Sc=5.68835, min distance = 2.140137
K6PF_BACST	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	4PFK	1A82	0.99	Sc=6.47426, min distance = 2.129770
K6PF_BACST	F1	5957	Ader	PDXK_SHEEP	Fu	6022	Aden	1RFU	4PFK	1LHR	0.99	Sc=6.01311, min distance = 1.953330
K6PF_BACST	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	4PFK	2VII	0.99	Sc=6.38049, min distance = 2.105648
K6PF_BACST	F1	6420139	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2C5V		Sc=6.11778, min distance = 1.852410
K6PF_BACST	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	4PFK	1QYE	0.89	Sc=6.21183, min distance = 0.959165
K6PF_BACST	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	4PFK	2DXE	0.8	Sc=6.00149, min distance = 1.357478
K6PF_BACST	F1	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	4PFK	1XJE	0.8	Sc=5.70617, min distance = 1.180265
K6PF_BACST	F1	9926933	1i	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2VTI		Sc=5.80064, min distance = 2.438890
K6PF_BACST	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	4PFK	2R3H		Sc=5.91201, min distance = 2.345648
KAD3_BOVIN	F1	166760	Fa	PURP_METJA	Fu	6083	aden	2R7M	2AK3	2R7N	0.76	Sc=5.88563, min distance = 1.608148
KAD3_BOVIN	F1	33113	gar	ASSY_THET8	Fu	6083	aden	1J20	2AK3	1KOR	0.97	Sc=5.99705, min distance = 1.931938
KAD3_BOVIN	F1	440317	AT	SRC_CHICK	Fu	6083	aden	3DQX	2AK3	3DQW	0.97	Sc=5.90149, min distance = 2.825870
KAD3_BOVIN	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2AK3	1WXE	0.91	Sc=5.88243, min distance = 2.489085
KAD3_BOVIN	F1	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	2AK3	1PG4	0.99	Sc=6.41655, min distance = 2.006900
KAD3_BOVIN	F1	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	2AK3	1UKY	0.99	Sc=5.60274, min distance = 2.572539
KAD3_BOVIN	F1	5957	Ader	AAKG1_RAT	Fu	6083	aden	2V8Q	2AK3	2V92	0.98	Sc=5.93252, min distance = 1.989467
KAD3_BOVIN	F1	5957	Ader	PURP_PYRFU	Fu	6083	aden	2R85	2AK3	2R86	0.98	Sc=5.76043, min distance = 2.090618
KAD3_BOVIN	F1	6022	Ader	HSP71_HUMAN	Fu	6083	aden	1XQS	2AK3	1S3X	0.99	Sc=5.98415, min distance = 2.114140
KAD3_BOVIN	F1	6076	Cycl	PDE10_HUMAN	Fu	6083	aden	2OUN	2AK3	2OUR	0.99	Sc=6.30607, min distance = 2.125357
KAD3_BOVIN	F1	65110	AIC	YL28_SCHPO	Fu	6083	aden	2OOX	2AK3	2QRE	0.79	Sc=6.27987, min distance = 2.033390
KAD3_BOVIN	F1	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	2AK3	1YXV		Sc=5.77725, min distance = 2.657570
KAD3_BOVIN	F1	8582	Inos	PUR1_MOUSE	Fu	6083	aden	1MF0	2AK3	1IWE	0.79	Sc=5.93126, min distance = 2.022937
KAD3_BOVIN	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	2AK3	2QN7	0.79	Sc=6.29641, min distance = 2.406890
KADA_METVO	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	1KHT	1WXE	0.91	Sc=6.35674, min distance = 1.997587
KADA_METVO	F1	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	1KHT	1UKY	0.99	Sc=6.4092, min distance = 2.350204

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KADA_METVO	F1	5281680	PIM1_HUMAN	Fu	6083	aden	1YXU	1KHT	2O64		Sc=6.40487, min distance = 2.051271
KADA_METVO	F1	5957	AAGK1_RAT	Fu	6083	aden	2V8Q	1KHT	2V92	0.98	Sc=6.00512, min distance = 2.153951
KADA_METVO	F1	5957	PURP_PYRFU	Fu	6083	aden	2R85	1KHT	2R86	0.98	Sc=6.45568, min distance = 1.064641
KADA_METVO	F1	6022	PURP_METJA	Fu	6083	aden	2R7M	1KHT	2R7N	0.99	Sc=6.49545, min distance = 0.745749
KADA_METVO	F1	6076	PDE10_HUMAN	Fu	6083	aden	2OUN	1KHT	2OUR	0.99	Sc=6.31053, min distance = 2.072360
KADA_METVO	F1	65110	AAGK1_HUMAN	Fu	6083	aden	2UV4	1KHT	2UV5	0.79	Sc=5.78605, min distance = 2.176919
KADA_METVO	F1	65110	YL28_SCHPO	Fu	6083	aden	2OOX	1KHT	2QRE	0.79	Sc=6.28713, min distance = 2.065301
KADA_METVO	F1	656964	PDE4D_HUMAN	Fu	6083	aden	1TB7	1KHT	1Y2C		Sc=5.93976, min distance = 2.136139
KADA_METVO	F1	656966	PDE4D_HUMAN	Fu	6083	aden	1TB7	1KHT	1Y2E		Sc=6.07837, min distance = 2.023000
KADA_METVO	F1	656968	PDE4B_HUMAN	Fu	6083	aden	1ROR	1KHT	1Y2H		Sc=5.95589, min distance = 2.037264
KADA_METVO	F1	657135	PIM1_HUMAN	Fu	6083	aden	1YXU	1KHT	1YXV		Sc=5.83858, min distance = 2.854539
KADA_SULAC	F1	1540	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1H1Q		Sc=6.35409, min distance = 2.032638
KADA_SULAC	F1	16214827	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2UZN		Sc=6.08768, min distance = 1.687249
KADA_SULAC	F1	1707	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1FVT		Sc=6.18225, min distance = 1.881592
KADA_SULAC	F1	23653516	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2R3G		Sc=6.22641, min distance = 2.378282
KADA_SULAC	F1	23653518	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2R3J		Sc=6.11186, min distance = 2.513600
KADA_SULAC	F1	23653526	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2R3R		Sc=6.18248, min distance = 2.348771
KADA_SULAC	F1	24864077	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2VTN		Sc=6.23783, min distance = 2.099238
KADA_SULAC	F1	24901723	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2W06		Sc=6.22516, min distance = 1.700002
KADA_SULAC	F1	2608	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1JSV		Sc=5.90109, min distance = 3.158289
KADA_SULAC	F1	398148	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1E1X		Sc=6.16111, min distance = 2.294401
KADA_SULAC	F1	445708	NADE_ECOLI	Fu	6083	aden	1WXI	1NKS	1WXE	0.91	Sc=6.35106, min distance = 2.348174
KADA_SULAC	F1	445966	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1H0V		Sc=6.19342, min distance = 2.433179
KADA_SULAC	F1	446704	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1KE6		Sc=6.30849, min distance = 2.090986
KADA_SULAC	F1	447004	MYS2_DICDI	Fu	6022	Aden	1VOM	1NKS	1LVK		Sc=5.72823, min distance = 2.036561
KADA_SULAC	F1	447649	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1OI9		Sc=6.41423, min distance = 2.061720
KADA_SULAC	F1	447654	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1OIT		Sc=6.20874, min distance = 2.517461
KADA_SULAC	F1	447655	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1OIU		Sc=6.36505, min distance = 2.020531
KADA_SULAC	F1	447656	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1OII		Sc=6.47845, min distance = 2.030901
KADA_SULAC	F1	447766	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1P2A		Sc=6.26283, min distance = 2.113914
KADA_SULAC	F1	448895	UMPK_YEAST	Fu	6083	aden	1UKZ	1NKS	1UKY	0.99	Sc=6.41155, min distance = 2.268459
KADA_SULAC	F1	449088	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1VYZ		Sc=6.04854, min distance = 2.307621
KADA_SULAC	F1	4564	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1E1V		Sc=6.13393, min distance = 2.791781
KADA_SULAC	F1	4565	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1H1R		Sc=6.33938, min distance = 2.108844
KADA_SULAC	F1	5288016	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2B53		Sc=6.25298, min distance = 1.991739
KADA_SULAC	F1	5288018	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2B52		Sc=6.5214, min distance = 1.9853040
KADA_SULAC	F1	5288708	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1KE5		Sc=6.10026, min distance = 1.773372

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KADA_SULAC	Ft	5288710	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1KE7		Sc=6.30925, min distance = 1.983758
KADA_SULAC	Ft	5288712	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1KE9		Sc=6.27969, min distance = 1.967459
KADA_SULAC	Ft	5327096	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2BTR		Sc=6.06861, min distance = 2.493279
KADA_SULAC	Ft	5327097	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2BTS		Sc=5.85603, min distance = 2.291039
KADA_SULAC	Ft	5327133	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2C6K		Sc=6.20438, min distance = 2.777619
KADA_SULAC	Ft	5327135	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2C6M		Sc=6.15501, min distance = 2.345209
KADA_SULAC	Ft	5957	Aden	ARP3_BOVIN	Fu	6022	Aden	2P9I	1NKS	1TYQ	0.99 Sc=5.70929, min distance = 2.067399
KADA_SULAC	Ft	5957	Aden	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NKS	1A82	0.99 Sc=6.02751, min distance = 2.730559
KADA_SULAC	Ft	5957	Aden	MALK_ECOLI	Fu	6022	Aden	2AWN	1NKS	1Q12	0.99 Sc=5.97214, min distance = 2.236489
KADA_SULAC	Ft	5957	Aden	MUTS_ECOLI	Fu	6022	Aden	1OH7	1NKS	1W7A	0.99 Sc=5.99438, min distance = 2.156829
KADA_SULAC	Ft	6076	Cycl	PDE10_HUMAN	Ft	6083	aden	2OUN	1NKS	2OUR	0.99 Sc=6.31779, min distance = 2.134009
KADA_SULAC	Ft	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1NKS	1YXX	Sc=6.21251, min distance = 0.818039
KADA_SULAC	Ft	65110	AIC	AAKG1_HUMAN	Ft	6083	aden	2UV4	1NKS	2UV5	0.79 Sc=5.82655, min distance = 2.062829
KADA_SULAC	Ft	65110	AIC	YL28_SCHPO	Fu	6083	aden	2OOX	1NKS	2QRE	0.79 Sc=6.28598, min distance = 2.296609
KADA_SULAC	Ft	656966	1y	PDE4D_HUMAN	Ft	6083	aden	1TB7	1NKS	1Y2E	Sc=6.07944, min distance = 2.271609
KADA_SULAC	Ft	656968	1y	PDE4B_HUMAN	Ft	6083	aden	1ROR	1NKS	1Y2H	Sc=5.96376, min distance = 2.213979
KADA_SULAC	Ft	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1Y8Y	Sc=5.88986, min distance = 2.811029
KADA_SULAC	Ft	6804	guar	PDE10_HUMAN	Ft	6083	aden	2OUN	1NKS	2OUQ	0.8 Sc=5.6518, min distance = 0
KADA_SULAC	Ft	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NKS	1DAG	0.99 Sc=6.05178, min distance = 2.554139
KADA_SULAC	Ft	91532	AME	KIF1A_MOUSE	Ft	6022	Aden	1I5S	1NKS	1I6I	0.99 Sc=6.05039, min distance = 2.411219
KADA_SULAC	Ft	91532	AME	PURP_METJA	Fu	6083	aden	2R7M	1NKS	2R7K	0.97 Sc=6.47158, min distance = 2.045759
KADA_SULAC	Ft	9547890	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	1W8C	Sc=6.17582, min distance = 2.944859
KADA_SULAC	Ft	9926933	i	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2VTI	Sc=6.13107, min distance = 2.544749
KADA_SULAC	Ft	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKS	2R3H	Sc=6.01996, min distance = 2.577199
KAD_MYCTU	Fu	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	2CDN	1GJV	0.99 Sc=6.4895, min distance = 2.020749
KAD_MYCTU	Fu	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	2CDN	1B99	Sc=6.30334, min distance = 2.254099
KAD_MYCTU	Fu	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CDN	1CKP	Sc=5.65414, min distance = 1.589189
KAD_MYCTU	Fu	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CDN	1PXI	Sc=5.7882, min distance = 2.386797
KAD_MYCTU	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CDN	1H1R	Sc=6.16526, min distance = 0.990249
KAD_MYCTU	Fu	5957	Aden	MALK_ECOLI	Fu	6022	Aden	2AWN	2CDN	1Q12	0.99 Sc=6.52159, min distance = 1.140409
KAD_MYCTU	Fu	5957	Aden	PDK2_HUMAN	Fu	6022	Aden	2BU8	2CDN	2BU2	0.99 Sc=6.49477, min distance = 2.151189
KAD_MYCTU	Fu	5957	Aden	Y059_METJA	Fu	6022	Aden	2J9D	2CDN	2J9C	0.99 Sc=6.50237, min distance = 1.819829
KAD_MYCTU	Fu	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	2CDN	2ZIA	Sc=6.33113, min distance = 2.014039
KAD_MYCTU	Fu	6083	ader	GLNA1_MYCTU	Ft	6022	Aden	2BVC	2CDN	1HTO	0.99 Sc=6.41554, min distance = 0.907509
KAD_MYCTU	Fu	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2CDN	2R7M	0.99 Sc=6.3898, min distance = 2.470386
KAD_MYCTU	Fu	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2CDN	1FMO	0.95 Sc=6.2694, min distance = 2.232073
KAD_MYCTU	Fu	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	2CDN	2DXF	0.8 Sc=6.42574, min distance = 2.346509

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KAD_MYCTU	Fu: 6852187 2	O57883_PYRHO	1	6022 Aden	1WNL	2CDN	2DTH	0.89	Sc=6.18296, min distance = 1.612189
KAD_MYCTU	Fu: 72194 2-C	ENPL_CANFA	Fu: 6022 Aden	1TC6		2CDN	1QYE	0.89	Sc=6.19362, min distance = 1.643839
KAD_MYCTU	Fu: 8977 1dar	NDK_PYRHO	Fu: 6022 Aden	2DYA		2CDN	2DXE	0.8	Sc=6.47747, min distance = 2.174629
KAD_MYCTU	Fu: 91532 AME	MTNK_BACSU	Fu: 6022 Aden	2OLC		2CDN	2PUL	0.99	Sc=6.52885, min distance = 1.050689
KAD_MYCTU	Fu: 91532 AME	NIFH1_AZOVI	Fu: 6022 Aden	1FP6		2CDN	2AFK	0.99	Sc=6.52232, min distance = 0.799559
KAMA_CLOSU	Fu: 6852187 2	MOAA_STAA8	Fu: 34756 Acy	2FB2		2A5H	2FB3	0.84	Sc=6.21357, min distance = 2.410319
KAP3_RAT	Fu: 24316 cyc	CNGK1_RHILO	Fu: 6076 Cycl	1VP6		1CX4	3CL1	0.81	Sc=6.34436, min distance = 2.280959
KAP3_RAT	Fu: 24316 cyc	KAP0_BOVIN	Fu: 6076 Cycl	1RGS		1CX4	1RL3	0.81	Sc=6.35166, min distance = 2.356489
KAP3_RAT	Fu: 656964 1y	PDE4D_HUMAN	Fu: 6076 Cycl	2PW3		1CX4	1Y2C		Sc=5.973, min distance = 1.21304039
KAP3_RAT	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6076 Cycl	2PW3		1CX4	1Y2E		Sc=6.10189, min distance = 1.201919
KAP3_RAT	Fu: 656969 1y	PDE4D_HUMAN	Fu: 6076 Cycl	2PW3		1CX4	1Y2K		Sc=6.24576, min distance = 1.339789
KAP3_RAT	Fu: 6858240 C	KAP0_BOVIN	Fu: 6076 Cycl	1RGS		1CX4	1NE6	0.98	Sc=6.30779, min distance = 2.416119
KAPCA_BOVIN	1 11270500	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	2VV9	34.78	Sc=6.52211, min distance = 2.087939
KAPCA_BOVIN	1 11986115	PIM1_HUMAN	Fu: 444345 1c	1YHS		1STC	2BZJ	30.06	Sc=6.31688, min distance = 2.161759
KAPCA_BOVIN	1 15991572	LCK_HUMAN	Fu: 444345 1c	1QPD		1STC	2OF4	24.59	Sc=6.38424, min distance = 2.192509
KAPCA_BOVIN	1 16122608	PDPK1_HUMAN	Fu: 444345 1c	1OKY		1STC	2PE1	39.18	Sc=6.36747, min distance = 2.578959
KAPCA_BOVIN	1 16725726	AKT2_HUMAN	Fu: 11857236 3E88			3E8C	3D0E	44.86	0.85 Sc=6.51759, min distance = 2.610049
KAPCA_BOVIN	1 1907917 2	CHK1_HUMAN	Fu: 444345 1c	1NVR		1STC	2CGW	33.01	Sc=6.10978, min distance = 2.582249
KAPCA_BOVIN	1 23653515	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	2R3F	34.78	Sc=6.05097, min distance = 2.623279
KAPCA_BOVIN	1 23653516	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	2R3G	34.78	Sc=6.1409, min distance = 2.4870259
KAPCA_BOVIN	1 23653524	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	2R3P	34.78	Sc=6.2656, min distance = 2.4435699
KAPCA_BOVIN	1 23727982	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	3BHU	34.78	Sc=6.27324, min distance = 1.587719
KAPCA_BOVIN	1 2403 1uvy	PDPK1_HUMAN	Fu: 444345 1c	1OKY		1STC	1UVR	39.18	Sc=6.39117, min distance = 2.001449
KAPCA_BOVIN	1 24752838	CHK1_HUMAN	Fu: 444345 1c	1NVR		1STC	2QHM	33.01	Sc=6.036, min distance = 2.89777899
KAPCA_BOVIN	1 24851689	PIM1_HUMAN	Fu: 444345 1c	1YHS		1STC	3CY2	30.06	Sc=6.05771, min distance = 2.443829
KAPCA_BOVIN	1 24901723	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	2W06	34.78	Sc=6.08059, min distance = 2.423769
KAPCA_BOVIN	1 24905143	PK3CG_HUMAN	Fu: 444345 1c	1E8Z		1STC	2V4L		Sc=6.1096, min distance = 2.7602609
KAPCA_BOVIN	1 24905144	PK3CG_HUMAN	Fu: 444345 1c	1E8Z		1STC	3ENE		Sc=6.10026, min distance = 2.285079
KAPCA_BOVIN	1 24963048	AKT2_HUMAN	Fu: 11175137 2UW9			2UW7	3E87	44.86	Sc=6.43552, min distance = 2.582389
KAPCA_BOVIN	1 24963048	AKT2_HUMAN	Fu: 11857236 3E88			3E8C	3E87	44.86	Sc=6.40642, min distance = 2.397769
KAPCA_BOVIN	1 24963048	AKT2_HUMAN	Fu: 24963049 3E8D			3E8E	3E87	44.86	Sc=6.42637, min distance = 2.641339
KAPCA_BOVIN	1 3064778 H	ROCK1_HUMAN	Fu: 448042 2e	2ETR		1Q8T	2ETK	37.61	Sc=6.12393, min distance = 1.944269
KAPCA_BOVIN	1 3064778 H	ROCK1_HUMAN	Fu: 448043 2g	3D9V		1Q8U	2ETK	37.61	Sc=6.06153, min distance = 2.257989
KAPCA_BOVIN	1 33113 gar	IRAK4_HUMAN	Fu: 444345 1c	2NRY		1STC	2OID	35	Sc=5.68188, min distance = 1.665559
KAPCA_BOVIN	1 3973 nche	PIM1_HUMAN	Fu: 444345 1c	1YHS		1STC	1YI3	30.06	Sc=5.88117, min distance = 2.367589
KAPCA_BOVIN	1 4369136 C	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	1DM2	34.78	Sc=6.19844, min distance = 2.584609
KAPCA_BOVIN	1 445840 di	CDK2_HUMAN	Fu: 444345 1c	1AQ1		1STC	1GII	34.78	Sc=6.11323, min distance = 2.182769

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KAPCA_BOVIN	1	445966	06	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1H0V	34.78	Sc=6.08739, min distance = 2.55204
KAPCA_BOVIN	1	447649	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1OI9	34.78	Sc=6.34252, min distance = 2.55310
KAPCA_BOVIN	1	447654	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1OIT	34.78	Sc=6.15711, min distance = 2.36256
KAPCA_BOVIN	1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1Q24	1ZTF	0.94	Sc=6.12413, min distance = 2.28278
KAPCA_BOVIN	1	447962	1p	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2C5N	34.78	Sc=6.24105, min distance = 2.17833
KAPCA_BOVIN	1	448293	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1R78	34.78	Sc=6.42616, min distance = 2.08608
KAPCA_BOVIN	1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1H1R	34.78	Sc=6.24359, min distance = 2.65944
KAPCA_BOVIN	1	4566	1h1s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1H1S	34.78	Sc=6.30204, min distance = 2.49602
KAPCA_BOVIN	1	5288710	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1KE7	34.78	Sc=6.35124, min distance = 2.04337
KAPCA_BOVIN	1	5289411	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1OGU	34.78	Sc=6.44738, min distance = 2.23999
KAPCA_BOVIN	1	5326844	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1URW	34.78	Sc=6.42039, min distance = 2.05680
KAPCA_BOVIN	1	5327121	1	PIM1_HUMAN	Fu	444345	1c	1YHS	1STC	2C3I	30.06	Sc=6.00097, min distance = 2.51696
KAPCA_BOVIN	1	5327132	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2C6I	34.78	Sc=6.27951, min distance = 2.37348
KAPCA_BOVIN	1	5331010	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2BKZ	34.78	Sc=6.2435, min distance = 2.36319
KAPCA_BOVIN	1	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	1Q24	2JA3	0.99	Sc=6.41728, min distance = 2.31282
KAPCA_BOVIN	1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	1Q24	2ZDH	0.99	Sc=6.43556, min distance = 2.45373
KAPCA_BOVIN	1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1Q24	1MP8	26.64	0.99 Sc=6.40755, min distance = 2.07137
KAPCA_BOVIN	1	6022	Ader	GSK3B_HUMAN	Fu	444345	1c	1Q3D	1STC	1J1C	31.63	Sc=6.41531, min distance = 1.36426
KAPCA_BOVIN	1	6022	Ader	PDK2_HUMAN	Fu	5957	Aden	2BU2	1Q24	2BU8	0.99	Sc=6.41775, min distance = 2.37129
KAPCA_BOVIN	1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1Q24	3ETJ	0.99	Sc=6.40672, min distance = 1.80754
KAPCA_BOVIN	1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	1Q24	2R7N	0.99	Sc=6.39408, min distance = 2.00395
KAPCA_BOVIN	1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	1Q24	2VT2	0.99	Sc=6.45105, min distance = 1.99829
KAPCA_BOVIN	1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1Q24	3C4Z	0.99	Sc=6.42254, min distance = 2.50750
KAPCA_BOVIN	1	6022	Ader	SECA_ECOLI	Fu	5957	Aden	2FSG	1Q24	2FSI	0.99	Sc=5.98903, min distance = 2.08190
KAPCA_BOVIN	1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1Q24	2R7M	0.98	Sc=6.3274, min distance = 2.41454
KAPCA_BOVIN	1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1Q24	2R85	0.98	Sc=6.35386, min distance = 2.70117
KAPCA_BOVIN	1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1Q24	2J9D	0.98	Sc=6.31685, min distance = 1.88061
KAPCA_BOVIN	1	60961	ade	PIM1_HUMAN	Fu	444345	1c	1YHS	1STC	1YI4	30.06	Sc=6.17235, min distance = 2.60582
KAPCA_BOVIN	1	6102670		CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1YKR	34.78	Sc=6.27679, min distance = 2.00677
KAPCA_BOVIN	1	6420138	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2UUE	34.78	Sc=6.36207, min distance = 1.89247
KAPCA_BOVIN	1	6420139	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2C5V	34.78	Sc=6.23091, min distance = 2.20189
KAPCA_BOVIN	1	6540273	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1STC	2CGV	33.01	Sc=6.14938, min distance = 2.70450
KAPCA_BOVIN	1	6540279	C	ROCK2_BOVIN	Fu	448042	2e	2H9V	1Q8T	2F2U		Sc=5.98801, min distance = 2.92492
KAPCA_BOVIN	1	656971	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	1Y8Y	34.78	Sc=6.03747, min distance = 2.45115
KAPCA_BOVIN	1	6918852	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2FVD	34.78	Sc=6.34353, min distance = 2.00910
KAPCA_BOVIN	1	9549254	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1STC	2IW6	34.78	Sc=6.46961, min distance = 2.06555
KAPCA_MOUSE	1	6021	inos	DEOD_ECOLI	Fu	60961	ade	1PK7	1FMO	1PR0	0.79	Sc=6.26369, min distance = 2.05622

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KAPCA_MOUSE	1	6021	inos	TMPC_TREPA	Fu:	60961	ade	2FQY	1FMO	2FQW	0.79	Sc=6.27193, min distance = 2.481549
KAPCA_MOUSE	1	6802	guar	A5KE01_PLAVI	1	60961	ade	2PGF	1FMO	2QVN	0.79	Sc=6.31685, min distance = 2.448616
KAPCA_MOUSE	1	6802	guar	TMPC_TREPA	Fu:	60961	ade	2FQY	1FMO	2FQX	0.79	Sc=6.33741, min distance = 2.505463
KAPCA_MOUSE	1	72443	for	DEOD_ECOLI	Fu:	60961	ade	1PK7	1FMO	1A69		Sc=6.29221, min distance = 2.121511
KAPCA_MOUSE	1	72443	for	MTAP_SULSO	Fu:	60961	ade	1JDV	1FMO	1JDZ		Sc=6.25934, min distance = 1.792786
KAPCA_MOUSE	1	97184	6-M	DEOD_ECOLI	Fu:	60961	ade	1PK7	1FMO	1OVG	0.9	Sc=6.21122, min distance = 1.254595
KAPCA_PIG	Fu:	16750062		CSK2A_MAIZE	Fu:	33113	gar	1LP4	1CDK	2OXD	26.83	Sc=5.69986, min distance = 2.115797
KAPCA_PIG	Fu:	1694	TBBt	CSK2A_MAIZE	Fu:	33113	gar	1LP4	1CDK	1J91	26.83	Sc=5.60997, min distance = 2.667347
KAPCA_PIG	Fu:	3064778	H	ROCK1_HUMAN	Fu:	33113	gar	2V55	1CDK	2ETK	36.39	Sc=6.11325, min distance = 2.012459
KAPCA_PIG	Fu:	3547	Fasu	ROCK1_HUMAN	Fu:	33113	gar	2V55	1CDK	2ESM	36.39	Sc=5.99721, min distance = 2.050880
KAPCA_PIG	Fu:	439353	be	BACR_HALSA	Fu:	15600	DEC	1XJI	1CTP	1IW6		Sc=5.71966, min distance = 2.032209
KAPCA_PIG	Fu:	448043	2c	ROCK1_HUMAN	Fu:	33113	gar	2V55	1CDK	3D9V	36.39	Sc=6.04484, min distance = 1.894727
KAPCA_PIG	Fu:	5326976	1	CSK2A_MAIZE	Fu:	33113	gar	1LP4	1CDK	1ZOE	26.83	Sc=5.71195, min distance = 2.058024
KAPCA_PIG	Fu:	91532	AMF	PURT_ECOLI	Fu:	33113	gar	1EYZ	1CDK	1KJI	0.99	Sc=6.51027, min distance = 2.433336
KAPS_PENCH	Fu:	10214	PAE	PAPS1_HUMAN	Fu:	10238	Ade	1XNJ	1M7G	2OFX	58.99	0.99 Sc=6.04092, min distance = 1.189556
KAPS_PENCH	Fu:	12876354		PAPS1_HUMAN	Fu:	10238	Ade	1XNJ	1M7G	2PEZ	58.99	0.94 Sc=6.39828, min distance = 1.493730
KAPS_PENCH	Fu:	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1M7G	1BS1	0.91	Sc=5.65072, min distance = 2.378925
KAPS_PENCH	Fu:	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1M7G	1GZ8		Sc=6.00406, min distance = 2.090742
KAPS_PENCH	Fu:	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1M7G	1H1R		Sc=6.01103, min distance = 2.666379
KAPS_PENCH	Fu:	5957	Ader	SECA_ECOLI	Fu:	6022	Aden	2FSI	1M7G	2FSG	0.99	Sc=5.68188, min distance = 2.298914
KAR3_YEAST	Fu:	23653515		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	2R3F		Sc=6.21274, min distance = 0.829013
KAR3_YEAST	Fu:	25021197		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	3EOC		Sc=6.22054, min distance = 2.215975
KAR3_YEAST	Fu:	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	1JSV		Sc=6.19898, min distance = 1.071263
KAR3_YEAST	Fu:	444842	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	1CKP		Sc=5.6348, min distance = 2.102232
KAR3_YEAST	Fu:	446090	1h	NDKC_DICDI	Fu:	6022	Aden	1KDN	1F9V	1HIY	0.97	Sc=5.94868, min distance = 1.294187
KAR3_YEAST	Fu:	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	1H1R		Sc=6.11788, min distance = 1.458149
KAR3_YEAST	Fu:	4566	1h1s	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	1H1S		Sc=6.21316, min distance = 2.574997
KAR3_YEAST	Fu:	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	1F9V	2R7M	0.99	Sc=5.87191, min distance = 2.316616
KAR3_YEAST	Fu:	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F9V	3EJ1		Sc=6.28423, min distance = 1.093267
KARG_LIMPO	Fu:	122108	Ri	NDKC_DICDI	Fu:	6022	Aden	1KDN	1M15	1MN9		Sc=5.94032, min distance = 1.543296
KARG_LIMPO	Fu:	123831	N	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1M15	7NSE	0.89	Sc=6.00361, min distance = 1.701733
KARG_LIMPO	Fu:	123895	1h	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1M15	5NSE	0.96	Sc=5.94637, min distance = 2.077084
KARG_LIMPO	Fu:	181426	2	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1M15	1DM6		Sc=5.75117, min distance = 1.577078
KARG_LIMPO	Fu:	347590	S	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1M15	1D1V		Sc=5.66434, min distance = 2.011374
KARG_LIMPO	Fu:	439202	L	NOS3_BOVIN	Fu:	6322	L-ar	4NSE	1M15	6NSE		Sc=5.78152, min distance = 2.423433
KARG_LIMPO	Fu:	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1M15	1GZ8		Sc=6.25479, min distance = 2.048579
KARG_LIMPO	Fu:	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1M15	1H0V		Sc=6.32499, min distance = 2.338196

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KARG_LIMPO	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1M15	1HIY	0.97	Sc=6.48153, min distance = 1.673706
KARG_LIMPO	F1	446122	S2	ARGI1_RAT	Ful	6322	L-ar	1T5G	1M15	3E9B		Sc=5.60659, min distance = 2.254394
KARG_LIMPO	F1	447017	CI	NDKC_DICDI	Fu	6022	Aden	1KDN	1M15	1LWX		Sc=6.46119, min distance = 1.434712
KARG_LIMPO	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M15	1PXI		Sc=5.84946, min distance = 1.989462
KARG_LIMPO	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M15	1E1V		Sc=6.25975, min distance = 1.635962
KARG_LIMPO	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1M15	2ERZ		Sc=6.22749, min distance = 2.116437
KARG_LIMPO	F1	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1M15	2Z02	0.99	Sc=6.49312, min distance = 2.217100
KARG_LIMPO	F1	5957	Ader	PURP_METJA	Fu	6022	Aden	2R7N	1M15	2R7L	0.99	Sc=6.06121, min distance = 2.060550
KARG_LIMPO	F1	6031	Urid	DCK_HUMAN	Ful	6022	Aden	1P5Z	1M15	2ZIA		Sc=6.36127, min distance = 1.967536
KARG_LIMPO	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1M15	2R7M	0.99	Sc=6.41112, min distance = 2.101082
KARG_LIMPO	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1M15	1FMO	0.95	Sc=6.30124, min distance = 2.075059
KARG_LIMPO	F1	6132	Cyti	O33839_THEMEA	1	6022	Aden	1XJK	1M15	1XJN		Sc=6.38695, min distance = 1.741579
KARG_LIMPO	F1	6274	hist	ARGT_SALTY	Fu	6322	L-ar	1LAF	1M15	1LAG		Sc=5.79287, min distance = 2.313929
KARG_LIMPO	F1	65051	ddT	NDKC_DICDI	Fu	6022	Aden	1KDN	1M15	1F3F		Sc=5.99654, min distance = 2.033869
KARG_LIMPO	F1	657087	CI	ARGI1_RAT	Ful	6322	L-ar	1T5G	1M15	1T4T	0.76	Sc=5.75366, min distance = 2.379838
KARG_LIMPO	F1	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1M15	2DXF	0.8	Sc=6.44695, min distance = 1.974238
KARG_LIMPO	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1M15	2ZGY	0.8	Sc=6.49764, min distance = 2.143799
KARG_LIMPO	F1	9085	homc	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1M15	1DM7	0.9	Sc=5.94444, min distance = 2.229824
KARG_LIMPO	F1	91532	AME	KIF1A_MOUSE	Fu	6022	Aden	1I5S	1M15	1I6I	0.99	Sc=6.55296, min distance = 2.074299
KAT1_HUMAN	F1	378	4-nit	APEH_AERPE	Fu	6140	L-ph	2HU5	1W7M	1VE7		Sc=5.77335, min distance = 2.181032
KAT1_HUMAN	F1	444293	PI	HIS8_ECOLI	Fu	1053	pyri	1FG7	1W7N	1GEY	0.89	Sc=6.04178, min distance = 2.403148
KAT1_HUMAN	F1	6305	L-tr	THER_BACTH	Fu	6140	L-ph	1OS0	1W7M	1THL		Sc=5.88361, min distance = 2.045194
KATG2_HALMA	1	11957363		HBA_HUMAN	Ful	444124	HE	1NQP	1ITK	1RQA	0.81	Sc=6.77045, min distance = 2.130007
KATG2_HALMA	1	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1ITK	1TWN		Sc=6.60698, min distance = 2.099989
KATG2_HALMA	1	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1ITK	1TWR		Sc=6.60998, min distance = 2.345608
KATG2_HALMA	1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1ITK	2CMM		Sc=5.95027, min distance = 2.438719
KATG2_HALMA	1	444207	He	NOS2_MOUSE	Fu	444124	HE	2ORT	1ITK	1NOS	0.99	Sc=6.64778, min distance = 2.090324
KATG2_HALMA	1	444522	HE	BFR_ECOLI	Ful	444124	HE	1BFR	1ITK	1BCF	0.99	Sc=6.6739, min distance = 2.122831
KATG2_HALMA	1	444522	HE	HBA_PAGBE	Ful	444124	HE	1S5X	1ITK	1PBX	0.99	Sc=6.66634, min distance = 2.332782
KATG2_HALMA	1	444522	HE	HBB_PAGBE	Ful	444124	HE	1S5X	1ITK	1PBX	0.99	Sc=6.66634, min distance = 2.111962
KATG2_HALMA	1	444522	HE	NOSO_BACSU	Fu	444124	HE	2AN0	1ITK	2FC1	0.99	Sc=6.7649, min distance = 2.283172
KATG2_HALMA	1	446348	CI	HBA_HUMAN	Ful	444124	HE	1NQP	1ITK	1IRD	0.9	Sc=6.72433, min distance = 2.031969
KATG_BURPS	F1	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1BEQ	0.81	Sc=6.72175, min distance = 2.227732
KATG_BURPS	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	2DV1	2CMM		Sc=6.08257, min distance = 2.633620
KATG_BURPS	F1	11970219		CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1BEM	0.83	Sc=6.66756, min distance = 2.279862
KATG_BURPS	F1	11970220		CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1BEP	0.8	Sc=6.75607, min distance = 2.201029
KATG_BURPS	F1	11970221		CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1BES	0.83	Sc=6.72337, min distance = 2.205022

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KATG_BURPS	F1	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1CPE	0.83	Sc=6.66634, min distance = 2.352086
KATG_BURPS	F1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1Z53	0.77	Sc=6.66542, min distance = 2.660717
KATG_BURPS	F1	15342951	ALBU_HUMAN	Fu	444098	HE	1N5U	2DV1	3B9L		Sc=6.17643, min distance = 2.082116
KATG_BURPS	F1	446332	MYG_PHYCA	Fu	444098	HE	1A6M	2DV1	1IOP	0.82	Sc=6.56808, min distance = 2.438266
KATG_BURPS	F1	447168	CCPR_YEAST	Fu	444098	HE	2EUT	2DV1	1ML2	0.82	Sc=6.72657, min distance = 2.248567
KATG_MYCTU	F1	11957330	CCPR_YEAST	Fu	444098	HE	2EUT	2CCA	1BEQ	0.81	Sc=6.73035, min distance = 2.236799
KATG_MYCTU	F1	11957353	HBA_HORSE	Fu	444098	HE	2D5X	2CCA	1IWH	0.83	Sc=6.66377, min distance = 2.088289
KATG_MYCTU	F1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	2CCA	1BEM	0.83	Sc=6.73094, min distance = 2.267876
KATG_MYCTU	F1	11970220	CCPR_YEAST	Fu	444098	HE	2EUT	2CCA	1BEP	0.8	Sc=6.80119, min distance = 2.185959
KATG_MYCTU	F1	11970221	CCPR_YEAST	Fu	444098	HE	2EUT	2CCA	1BES	0.83	Sc=6.72789, min distance = 2.188482
KATG_MYCTU	F1	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	2CCA	1CPE	0.83	Sc=6.67435, min distance = 2.330859
KATG_MYCTU	F1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2CCA	1Z53	0.77	Sc=6.72594, min distance = 2.732849
KATG_SYNE7	F1	11957353	HBB_HORSE	Fu	444124	HE	1Y8I	1UB2	1IWH	0.87	Sc=6.72887, min distance = 2.053494
KATG_SYNE7	F1	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	1UB2	1TWN		Sc=6.60786, min distance = 1.925457
KATG_SYNE7	F1	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1UB2	1TWR		Sc=6.52315, min distance = 2.236284
KATG_SYNE7	F1	11957373	CATE_ECOLI	Fu	444124	HE	1IPH	1UB2	1P81	0.79	Sc=6.76919, min distance = 1.749559
KATG_SYNE7	F1	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	1UB2	2CMM		Sc=6.09878, min distance = 2.260729
KATG_SYNE7	F1	444207	PER_COPCI	Fu	444124	HE	1LY9	1UB2	1LY8	0.99	Sc=6.77568, min distance = 2.068026
KATG_SYNE7	F1	444522	HBB_PAGBE	Fu	444124	HE	1S5X	1UB2	1PBX	0.99	Sc=6.72562, min distance = 2.115269
KATG_SYNE7	F1	444522	NOSO_BACSU	Fu	444124	HE	2AN0	1UB2	2FC1	0.99	Sc=6.76424, min distance = 2.104719
KATG_SYNE7	F1	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	1UB2	1I3D	0.89	Sc=6.6684, min distance = 1.2343427
KBAY_ECOLI	F1	439183	TPIS_TRYBB	Fu	4797	1tpw	1TTJ	1GVF	1IIH		Sc=5.7893, min distance = 2.0059649
KBAY_ECOLI	F1	445225	FUCA_ECOLI	Fu	4797	1tpw	4FUA	1GVF	1E47		Sc=5.73556, min distance = 2.069186
KBAY_ECOLI	F1	754	3-Gly	FUCA_ECOLI	Fu	4797	1tpw	4FUA	1GVF	1E48	Sc=5.74309, min distance = 2.011479
KBL_ECOLI	Fu	445062	GLYA_ECOLI	Fu	1053	pyri	1EQB	1FC4	1DFO	0.95	Sc=6.31363, min distance = 2.515749
KCMB2_HUMAN	1	446115	HEXB_HUMAN	Fu	446429	1j	1NOW	1JAK	1NP0		Sc=6.02913, min distance = 2.425884
KCRM_RABIT	F1	188966	PAPS1_HUMAN	Fu	6022	Aden	1X6V	1U6R	2PEZ	0.98	Sc=6.45656, min distance = 2.376266
KCRM_RABIT	F1	444503	NDKC_DICDI	Fu	6022	Aden	1KDN	1U6R	1B99		Sc=6.32492, min distance = 1.587749
KCRM_RABIT	F1	444564	BIOD_ECOLI	Fu	6022	Aden	1DAD	1U6R	1BS1	0.91	Sc=6.38384, min distance = 2.031179
KCRM_RABIT	F1	444842	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U6R	1CKP		Sc=5.65049, min distance = 2.309749
KCRM_RABIT	F1	444852	ATPB_BOVIN	Fu	6022	Aden	2CK3	1U6R	1COW	0.9	Sc=6.06422, min distance = 2.018590
KCRM_RABIT	F1	445940	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U6R	1GZ8		Sc=6.24966, min distance = 2.500629
KCRM_RABIT	F1	445966	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U6R	1H0V		Sc=6.31779, min distance = 2.301102
KCRM_RABIT	F1	446090	NDKC_DICDI	Fu	6022	Aden	1KDN	1U6R	1HIY	0.97	Sc=6.4718, min distance = 1.8837679
KCRM_RABIT	F1	447916	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1U6R	1ZTF	0.95	Sc=6.28168, min distance = 2.477464
KCRM_RABIT	F1	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U6R	1PXI		Sc=5.84157, min distance = 1.901409
KCRM_RABIT	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U6R	1E1V	Sc=6.26061, min distance = 1.998412

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KCRM_RABIT	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U6R	1H1R		Sc=6.16117, min distance = 2.563892
KCRM_RABIT	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1U6R	2ERZ		Sc=6.21937, min distance = 2.141249
KCRM_RABIT	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1U6R	1A82	0.99	Sc=6.50279, min distance = 1.786679
KCRM_RABIT	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1U6R	1W7A	0.99	Sc=6.51159, min distance = 2.094127
KCRM_RABIT	F1	5957	Ader	PURL_THEMA	Fu	6022	Aden	2HRU	1U6R	2HS0	0.99	Sc=6.18712, min distance = 2.057440
KCRM_RABIT	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1U6R	3C4W	0.99	Sc=6.04117, min distance = 2.007730
KCRM_RABIT	F1	6031	Urid	O33839_THEMA	I	6022	Aden	1XJK	1U6R	1XJG		Sc=6.37155, min distance = 2.102165
KCRM_RABIT	F1	6031	Urid	RIR1_YEAST	Fu	6022	Aden	2CVX	1U6R	2CVV		Sc=6.37474, min distance = 2.051672
KCRM_RABIT	F1	6083	ader	NDK_PYRHO	Fu	6022	Aden	2DYA	1U6R	2DXD	0.99	Sc=6.39465, min distance = 1.791759
KCRM_RABIT	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1U6R	2VII	0.99	Sc=6.38285, min distance = 2.347210
KCRM_RABIT	F1	6102784	Z	PSPF_ECOLI	Fu	6022	Aden	2C98	1U6R	2C99	0.99	Sc=6.51073, min distance = 2.212956
KCRM_RABIT	F1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1U6R	1D0Y		Sc=6.09546, min distance = 2.241030
KCRM_RABIT	F1	6338566	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1U6R	1D1C		Sc=6.26737, min distance = 0.718574
KCRM_RABIT	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1U6R	2DXE	0.8	Sc=6.47986, min distance = 1.924359
KCRM_RABIT	F1	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	1U6R	1XJE	0.8	Sc=6.496, min distance = 2.31762700
KCRM_RABIT	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	1U6R	2CVW	0.8	Sc=6.48789, min distance = 2.118839
KCRM_RABIT	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1U6R	1DAG	0.99	Sc=6.53489, min distance = 2.004228
KCRM_RABIT	F1	91532	AME	KIF1A_MOUSE	F1	6022	Aden	1I5S	1U6R	1I6I	0.99	Sc=6.54166, min distance = 2.061844
KCRM_RABIT	F1	91532	AME	NIFH1_AZOVI	F1	6022	Aden	1FP6	1U6R	2AFK	0.99	Sc=6.59342, min distance = 1.019146
KCRM_RABIT	F1	91557	1tr	Q94M05_9VIRU	I	6022	Aden	1W44	1U6R	1W48	0.99	Sc=6.5029, min distance = 2.17390000
KCRM_TORCA	F1	101543	3	RNAS1_BOVIN	F1	6022	Aden	100H	1VRP	100N		Sc=6.02817, min distance = 2.137028
KCRM_TORCA	F1	188966	dA	PAPS1_HUMAN	F1	6022	Aden	1X6V	1VRP	2PEZ	0.98	Sc=6.4413, min distance = 2.32671800
KCRM_TORCA	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VRP	1CKP		Sc=5.63079, min distance = 2.351617
KCRM_TORCA	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VRP	1GZ8		Sc=6.23395, min distance = 1.975754
KCRM_TORCA	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1VRP	1ZTF	0.95	Sc=6.27543, min distance = 2.575580
KCRM_TORCA	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VRP	1PXI		Sc=5.82837, min distance = 2.031886
KCRM_TORCA	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VRP	1E1V		Sc=6.23538, min distance = 2.022622
KCRM_TORCA	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VRP	1H1R		Sc=6.15579, min distance = 2.758610
KCRM_TORCA	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1VRP	2ERZ		Sc=6.20928, min distance = 2.155539
KCRM_TORCA	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1VRP	1W7A	0.99	Sc=6.4993, min distance = 2.0033544
KCRM_TORCA	F1	5957	Ader	NIFH1_AZOVI	F1	6022	Aden	1FP6	1VRP	2C8V	0.99	Sc=6.51057, min distance = 1.703880
KCRM_TORCA	F1	5957	Ader	PDK3_HUMAN	Fu	6022	Aden	1Y80	1VRP	1Y8P	0.99	Sc=5.98891, min distance = 2.024167
KCRM_TORCA	F1	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1VRP	2Z02	0.99	Sc=6.48032, min distance = 2.195620
KCRM_TORCA	F1	5957	Ader	PURL_THEMA	Fu	6022	Aden	2HRU	1VRP	2HS0	0.99	Sc=6.17139, min distance = 2.067458
KCRM_TORCA	F1	6031	Urid	O33839_THEMA	I	6022	Aden	1XJK	1VRP	1XJG		Sc=6.36324, min distance = 2.268947
KCRM_TORCA	F1	6031	Urid	RIR1_YEAST	Fu	6022	Aden	2CVX	1VRP	2CVV		Sc=6.36324, min distance = 2.114234
KCRM_TORCA	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1VRP	1XQS	0.99	Sc=6.40716, min distance = 2.209949

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KCRM_TORCA	F1	6083	ader	NDK_PYRHO	Fu1	6022	Aden	2DYA	1VRP	2DXD	0.99	Sc=6.37245, min distance = 1.64965
KCRM_TORCA	F1	6083	ader	PSPF_ECOLI	Fu1	6022	Aden	2C98	1VRP	2VII	0.99	Sc=6.36917, min distance = 2.37264
KCRM_TORCA	F1	6083	ader	PURP_METJA	Fu1	6022	Aden	2R7N	1VRP	2R7M	0.99	Sc=6.39465, min distance = 1.61075
KCRM_TORCA	F1	60961	ade	IPKA_RABIT	Fu1	6022	Aden	1JBP	1VRP	1FMO	0.95	Sc=6.28168, min distance = 2.36580
KCRM_TORCA	F1	65051	ddT	NDKC_DICDI	Fu1	6022	Aden	1KDN	1VRP	1F3F		Sc=5.96834, min distance = 2.10522
KCRM_TORCA	F1	8977	1dar	NDK_PYRHO	Fu1	6022	Aden	2DYA	1VRP	2DXE	0.8	Sc=6.4716, min distance = 2.359331
KCRM_TORCA	F1	8977	1dar	PARM_ECOLX	Fu1	6022	Aden	1MWM	1VRP	2ZGY	0.8	Sc=6.46789, min distance = 2.08986
KCRM_TORCA	F1	8977	1dar	RIR1_YEAST	Fu1	6022	Aden	2CVX	1VRP	2CVW	0.8	Sc=6.47558, min distance = 2.22557
KCRM_TORCA	F1	91532	AME	BIOD_ECOLI	Fu1	6022	Aden	1DAD	1VRP	1DAG	0.99	Sc=6.51962, min distance = 2.10111
KCRM_TORCA	F1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	1VRP	1W48	0.99	Sc=6.05614, min distance = 2.14059
KCRS_HUMAN	F1	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	2GL6	1GJV	0.99	Sc=6.49293, min distance = 1.82275
KCRS_HUMAN	F1	444503	FU	NDKC_DICDI	Fu1	6022	Aden	1KDN	2GL6	1B99		Sc=6.33161, min distance = 1.94979
KCRS_HUMAN	F1	445966	O6	CDK2_HUMAN	Fu1	6022	Aden	1GY3	2GL6	1H0V		Sc=6.33354, min distance = 1.71037
KCRS_HUMAN	F1	447916	ac	RIO1_ARCFU	Fu1	6022	Aden	1ZTH	2GL6	1ZTF	0.95	Sc=6.30124, min distance = 2.50910
KCRS_HUMAN	F1	447955	1p	CDK2_HUMAN	Fu1	6022	Aden	1GY3	2GL6	1PXI		Sc=5.86266, min distance = 2.22998
KCRS_HUMAN	F1	448505	AI	NDKC_DICDI	Fu1	6022	Aden	1KDN	2GL6	1S5Z	0.93	Sc=6.50229, min distance = 1.44110
KCRS_HUMAN	F1	4564	1e1v	CDK2_HUMAN	Fu1	6022	Aden	1GY3	2GL6	1E1V		Sc=6.27773, min distance = 2.01640
KCRS_HUMAN	F1	5327148	C	IPKA_RABIT	Fu1	6022	Aden	1JBP	2GL6	2ERZ		Sc=6.22907, min distance = 1.89354
KCRS_HUMAN	F1	5957	Ader	MALK_ECOLI	Fu1	6022	Aden	2AWN	2GL6	1Q12	0.99	Sc=6.03875, min distance = 1.16354
KCRS_HUMAN	F1	5957	Ader	MUTS_ECOLI	Fu1	6022	Aden	1OH7	2GL6	1W7A	0.99	Sc=6.51851, min distance = 1.57633
KCRS_HUMAN	F1	5957	Ader	PUR7_METJA	Fu1	6022	Aden	2YZL	2GL6	2Z02	0.99	Sc=6.05421, min distance = 1.72550
KCRS_HUMAN	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2GL6	3C4W	0.99	Sc=6.05135, min distance = 1.89620
KCRS_HUMAN	F1	6031	Uric	DCK_HUMAN	Fu1	6022	Aden	1P5Z	2GL6	2ZIA		Sc=6.37474, min distance = 1.89069
KCRS_HUMAN	F1	6031	Uric	RIR1_YEAST	Fu1	6022	Aden	2CVX	2GL6	2CVV		Sc=6.38344, min distance = 1.85780
KCRS_HUMAN	F1	6083	ader	PURP_METJA	Fu1	6022	Aden	2R7N	2GL6	2R7M	0.99	Sc=6.40846, min distance = 2.07466
KCRS_HUMAN	F1	60961	ade	IPKA_RABIT	Fu1	6022	Aden	1JBP	2GL6	1FMO	0.95	Sc=6.31205, min distance = 1.99304
KCRS_HUMAN	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	2GL6	2DTH	0.89	Sc=6.21357, min distance = 1.21489
KCRS_HUMAN	F1	8977	1dar	RIR1_YEAST	Fu1	6022	Aden	2CVX	2GL6	2CVW	0.8	Sc=6.50261, min distance = 1.86649
KCRS_HUMAN	F1	91532	AME	BIOD_ECOLI	Fu1	6022	Aden	1DAD	2GL6	1DAG	0.99	Sc=6.52617, min distance = 2.01488
KCRS_HUMAN	F1	9543444	Z	NDKC_DICDI	Fu1	6022	Aden	1KDN	2GL6	1MN7		Sc=6.02012, min distance = 1.33811
KCY_DICDI	Fu1	101544	2	RNAS1_BOVIN	F1	6131	cyti	1RNN	1QF9	1ROB	1	Sc=6.29854, min distance = 2.13710
KCY_DICDI	Fu1	101609	Ur	RNAS1_BOVIN	F1	6131	cyti	1RNN	1QF9	100M	0.83	Sc=6.29542, min distance = 2.39881
KCY_DICDI	Fu1	24864080		CDK2_HUMAN	Fu1	6022	Aden	1GY3	1QF9	2VTR		Sc=5.7797, min distance = 2.96264
KCY_DICDI	Fu1	398148	1e	CDK2_HUMAN	Fu1	6022	Aden	1GY3	1QF9	1E1X		Sc=5.99458, min distance = 2.05165
KCY_DICDI	Fu1	445940	O6	CDK2_HUMAN	Fu1	6022	Aden	1GY3	1QF9	1GZ8		Sc=6.00759, min distance = 2.18810
KCY_DICDI	Fu1	4565	1h1r	CDK2_HUMAN	Fu1	6022	Aden	1GY3	1QF9	1H1R		Sc=6.09318, min distance = 2.26412
KCY_DICDI	Fu1	5326739	1	GSK3B_HUMAN	F1	6022	Aden	1J1C	1QF9	1Q41		Sc=6.12302, min distance = 2.18593

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KCY_DICDI	Fu: 5327087	3	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1QF9	2BPM			Sc=6.26472, min distance = 2.087045
KCY_DICDI	Fu: 6030	Urid	GLMU_HAEIN	Fu: 6031	Urid	2V0K	4UKD	2V0J	0.99		Sc=6.25523, min distance = 2.890468
KCY_DICDI	Fu: 6030	Urid	O87988_BORBR	1	6031	Urid	2PZM	4UKD	0.99		Sc=6.22803, min distance = 2.482490
KCY_DICDI	Fu: 6132	Cyti	ECX1_PYRAB	Fu: 6031	Urid	2PNZ	4UKD	2PO2	0.83		Sc=6.33527, min distance = 2.024934
KCY_DICDI	Fu: 656946	CI	RNAS1_BOVIN	Fu: 6131	cyti	1RNN	1QF9	1W4Q			Sc=6.28136, min distance = 2.101425
KCY_DICDI	Fu: 72194	2-C	ENPL_CANFA	Fu: 6022	Aden	1TC6	1QF9	1QYE	0.89		Sc=6.10338, min distance = 2.024135
KDSA_AQUAE	Fu: 12598269		RPIB_MYCTU	Fu: 77982	Rib	2VVP	1ZHA	2VVO			Sc=6.10126, min distance = 0.699809
KDSA_AQUAE	Fu: 448888	ri	RPIA_THET2	Fu: 188324	Ri	1UJ6	1FXQ	1UJ5			Sc=5.85332, min distance = 2.614742
KES1_YEAST	Fu: 444679	EF	ELIB_PHYCR	Fu: 5997	chol	1LRI	1ZHY	1BXM	0.96		Sc=5.98217, min distance = 2.985955
KEX2_YEAST	Fu: 51634	Mic	GLCM_HUMAN	Fu: 81462	Bis	2V3F	1R64	2V3D			Sc=5.8963, min distance = 2.5297946
KGUA_ECOLI	Fu: 188347	pp	ARF1_BOVIN	Fu: 8977	1dar	1R8S	2AN9	1R8Q	0.99		Sc=6.07756, min distance = 2.173175
KGUA_ECOLI	Fu: 188347	pp	ARL5A_HUMAN	Fu: 8977	1dar	2H17	2AN9	1ZJ6	0.99		Sc=6.50482, min distance = 1.373855
KGUA_ECOLI	Fu: 444148	1a	RHA1_ARATH	Fu: 8977	1dar	2EFC	2AN9	2EFE	0.99		Sc=6.42759, min distance = 1.690685
KGUA_ECOLI	Fu: 446248	CI	RASH_HUMAN	Fu: 8977	1dar	2CE2	2AN9	1IAQ			Sc=6.04363, min distance = 2.270482
KGUA_ECOLI	Fu: 448405	CI	ARF1_RAT	Full:	8977	1dar	1RRG	2AN9			Sc=6.43401, min distance = 1.661905
KGUA_ECOLI	Fu: 5496554	C	RASH_HUMAN	Fu: 8977	1dar	2CE2	2AN9	1GNQ			Sc=5.9626, min distance = 1.6889786
KGUA_ECOLI	Fu: 6022	Ader	NDK_PYRHO	Fu: 8977	1dar	2DXE	2AN9	2DYA	0.8		Sc=6.41614, min distance = 2.412625
KGUA_ECOLI	Fu: 6022	Ader	O33839_THEMA	1	8977	1dar	1XJE	2AN9	0.8		Sc=6.45701, min distance = 2.127015
KGUA_ECOLI	Fu: 6031	Urid	O33839_THEMA	1	8977	1dar	1XJE	2AN9			Sc=6.35095, min distance = 2.128994
KGUA_ECOLI	Fu: 6083	ader	NDK_PYRHO	Fu: 8977	1dar	2DXE	2AN9	2DXD	0.79		Sc=5.8895, min distance = 2.0038268
KGUA_ECOLI	Fu: 6132	Cyti	O33839_THEMA	1	8977	1dar	1XJE	2AN9			Sc=6.35668, min distance = 1.943662
KGUA_ECOLI	Fu: 8582	Inos	PUR1_MOUSE	Fu: 8977	1dar	1LON	2AN9	1IWE	0.99		Sc=6.36603, min distance = 2.220034
KGUA_ECOLI	Fu: 93082	Gak	EFG_THETH	Fu: 8977	1dar	2BM0	2AN9	2J7K	0.99		Sc=6.06357, min distance = 2.006465
KGUA_MOUSE	Fu: 24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1LVG	2VTR			Sc=5.88645, min distance = 2.266408
KGUA_MOUSE	Fu: 445940	O6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1LVG	1GZ8			Sc=6.00047, min distance = 2.193065
KGUA_MOUSE	Fu: 4565	1h1r	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1LVG	1H1R			Sc=6.08723, min distance = 1.540955
KGUA_MOUSE	Fu: 5288710	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1LVG	1KE7			Sc=6.1464, min distance = 2.2814125
KGUA_MOUSE	Fu: 5327134	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1LVG	2C6L			Sc=6.06903, min distance = 2.307535
KGUA_MOUSE	Fu: 5957	Ader	BIOD_ECOLI	Fu: 6022	Aden	1DAD	1LVG	1A82	0.99		Sc=6.03769, min distance = 2.487135
KGUA_MOUSE	Fu: 8582	Inos	HGXR_TOXGO	Fu: 6804	guan	1QK3	1LVG	1QK4	0.99		Sc=6.44581, min distance = 1.508592
KGUA_MOUSE	Fu: 8582	Inos	HPRT_ECOLI	Fu: 6804	guan	1G9T	1LVG	1G9S	0.99		Sc=6.43469, min distance = 2.310532
KGUA_MOUSE	Fu: 91532	AMP	NIFH1_AZOVI	Fu: 6022	Aden	1FP6	1LVG	2AFK	0.99		Sc=6.06663, min distance = 2.376045
KGUA_MOUSE	Fu: 9926933	i	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1LVG	2VTI			Sc=5.77469, min distance = 2.321005
KGUA_STAAC	Fu: 101543	3'	RNMC_MOMCH	Fu: 6804	guan	1J1F	2J41	1UCC			Sc=6.26373, min distance = 2.479885
KGUA_STAAC	Fu: 65059	Dec	RNAS1_BOVIN	Fu: 6804	guan	1RNC	2J41	2QCA	0.97		Sc=5.9228, min distance = 2.3044745
KGUA_STAAC	Fu: 8582	Inos	HPRT_ECOLI	Fu: 6804	guan	1G9T	2J41	1G9S	0.99		Sc=6.3991, min distance = 2.1376440
KGUA_YEAST	Fu: 6030	Urid	PYRR_BACCL	Fu: 6804	guan	1XZ8	1EX7	2IGB			Sc=6.26565, min distance = 1.912395

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KGUA_YEAST	Fu: 65059	Ded	RNAS1_BOVIN	Fu: 6804	guan	1RNC	1EX7	2QCA	0.97	Sc=6.32041, min distance = 2.47921
KGUA_YEAST	Fu: 6802	guar	RNAS1_BOVIN	Fu: 6804	guan	1RNC	1EX7	1EOW	0.95	Sc=5.96026, min distance = 2.50788
KGUA_YEAST	Fu: 73323	Xar	HGXR_TOXGO	Fu: 6804	guan	1QK3	1EX7	1QK5	0.95	Sc=6.41938, min distance = 1.93554
KGUA_YEAST	Fu: 8582	Inos	HPRT_ECOLI	Fu: 6804	guan	1G9T	1EX7	1G9S	0.99	Sc=5.90214, min distance = 2.23904
KGUA_YEAST	Fu: 8582	Inos	RNAS1_BOVIN	Fu: 6804	guan	1RNC	1EX7	1Z6D	0.99	Sc=6.35571, min distance = 2.23572
KGUA_YEAST	Fu: 8977	1dar	GBP1_HUMAN	Fu: 6804	guan	2B8W	1EX7	2B92	0.99	Sc=6.45967, min distance = 1.59332
KHK_HUMAN	Fu: 188966	dA	HSLU_ECOLI	Fu: 33113	gar	1E94	2HW1	1G4A	0.97	Sc=6.37418, min distance = 2.34233
KHK_HUMAN	Fu: 3064778	H	ROCK1_HUMAN	Fu: 33113	gar	2V55	2HW1	2ETK		Sc=6.06024, min distance = 2.22947
KHK_HUMAN	Fu: 3547	Fasu	ROCK1_HUMAN	Fu: 33113	gar	2V55	2HW1	2ESM		Sc=5.97078, min distance = 2.70562
KHK_HUMAN	Fu: 444367	CI	CSK2A_MAIZE	Fu: 33113	gar	1LP4	2HW1	1OM1		Sc=6.24226, min distance = 2.20757
KHK_HUMAN	Fu: 444564	AD	MYS2_DICDI	Fu: 33113	gar	1MMN	2HW1	1W9I	0.91	Sc=6.39549, min distance = 2.41799
KHK_HUMAN	Fu: 445479	CI	CSK21_HUMAN	Fu: 33113	gar	2PVR	2HW1	3BQC		Sc=6.17217, min distance = 2.34283
KHK_HUMAN	Fu: 445479	CI	CSK2A_MAIZE	Fu: 33113	gar	1LP4	2HW1	1F0Q		Sc=6.22288, min distance = 2.10624
KHK_HUMAN	Fu: 448042	2e	ROCK1_HUMAN	Fu: 33113	gar	2V55	2HW1	2ETR		Sc=6.09202, min distance = 2.31960
KHK_HUMAN	Fu: 6083	ader	ENTP2_RAT	Fu: 33113	gar	3CJA	2HW1	3CJ7	0.97	Sc=5.8787, min distance = 2.40642
KHK_HUMAN	Fu: 6083	ader	HSP71_HUMAN	Fu: 33113	gar	2E8A	2HW1	1XQS	0.97	Sc=6.31605, min distance = 2.01745
KHK_HUMAN	Fu: 60961	ade	PIM1_HUMAN	Fu: 33113	gar	1XR1	2HW1	1YI4	0.93	Sc=6.28264, min distance = 2.03620
KHK_HUMAN	Fu: 60961	ade	SKY1_YEAST	Fu: 33113	gar	1Q99	2HW1	1Q97	0.93	Sc=6.26252, min distance = 1.87031
KHK_HUMAN	Fu: 6338561	C	MYS2_DICDI	Fu: 33113	gar	1MMN	2HW1	1D0X		Sc=6.21075, min distance = 2.10062
KHK_HUMAN	Fu: 91532	AMF	IGF1R_HUMAN	Fu: 33113	gar	1JQH	2HW1	1K3A	0.99	Sc=6.45064, min distance = 2.21392
KHK_HUMAN	Fu: 91532	AMF	PURT_ECOLI	Fu: 33113	gar	1EYZ	2HW1	1KJI	0.99	Sc=6.4648, min distance = 2.56051
KHSE_METJA	Fu: 6031	Uric	DCK_HUMAN	Fu: 6022	Aden	1P5Z	1H74	2ZIA		Sc=6.26254, min distance = 2.21317
KHSE_METJA	Fu: 91532	AMF	F263_HUMAN	Fu: 6022	Aden	2AXN	1H74	2DWP	0.99	Sc=6.46207, min distance = 2.12537
KIF11_HUMAN	I: 128882	1a	OXE_ECOLI	Fu: 6022	Aden	2Q28	1X88	2Q29	0.99	Sc=5.83562, min distance = 2.53970
KIF11_HUMAN	I: 24916751		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1X88	3DOG		Sc=6.28081, min distance = 2.35527
KIF11_HUMAN	I: 444564	AD	BIOD_ECOLI	Fu: 6022	Aden	1DAD	1X88	1BS1	0.91	Sc=6.05413, min distance = 2.15632
KIF11_HUMAN	I: 444564	AD	MYS2_DICDI	Fu: 6022	Aden	1VOM	1X88	1W9I	0.91	Sc=5.83233, min distance = 2.50406
KIF11_HUMAN	I: 444852	CI	ATPB_BOVIN	Fu: 6022	Aden	2CK3	1X88	1COW	0.9	Sc=5.93159, min distance = 2.15757
KIF11_HUMAN	I: 5957	Ader	RK_BOVIN	Fu: 6022	Aden	3C4Z	1X88	3C4W	0.99	Sc=6.08916, min distance = 1.82133
KIF1A_MOUSE	I: 16750062		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1VFV	2OXD		Sc=5.65627, min distance = 2.18286
KIF1A_MOUSE	I: 447004	CI	MYS2_DICDI	Fu: 33113	gar	1MMN	1VFV	1LVK		Sc=6.0519, min distance = 2.35415
KIF1A_MOUSE	I: 448042	2e	ROCK1_HUMAN	Fu: 33113	gar	2V55	1VFV	2ETR		Sc=6.08885, min distance = 1.86930
KIF1A_MOUSE	I: 448043	2g	ROCK1_HUMAN	Fu: 33113	gar	2V55	1VFV	3D9V		Sc=6.04119, min distance = 2.14031
KIF1A_MOUSE	I: 5326976	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1VFV	1ZOE		Sc=5.73334, min distance = 2.28246
KIF22_HUMAN	I: 160355	rc	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3BFN	3DDQ		Sc=6.43005, min distance = 2.60633
KIF22_HUMAN	I: 23653515		CDK2_HUMAN	Fu: 6022	Aden	1GY3	3BFN	2R3F		Sc=5.95585, min distance = 2.18957
KIF22_HUMAN	I: 24864077		CDK2_HUMAN	Fu: 6022	Aden	1GY3	3BFN	2VTN		Sc=6.18355, min distance = 2.02879

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KIF22_HUMAN	1	2608	1jst	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BFN	1JSV		Sc=5.78579, min distance = 2.089380
KIF22_HUMAN	1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	3BFN	1LVK		Sc=5.67413, min distance = 2.461792
KIF22_HUMAN	1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BFN	1H1S		Sc=6.22886, min distance = 2.645310
KIF22_HUMAN	1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	3BFN	1D0Y		Sc=5.75645, min distance = 2.415802
KIF22_HUMAN	1	91557	1tr	Q94M05_9VIRU	I	6022	Aden	1W44	3BFN	1W48	0.99	Sc=6.00198, min distance = 1.614300
KIF22_HUMAN	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	3BFN	2R3H		Sc=5.89401, min distance = 2.609886
KIF2A_HUMAN	1	440317	AT	FTSK_PSEAE	Fu	6022	Aden	2IUU	2GRY	2IUT	0.99	Sc=6.00361, min distance = 2.288264
KIF2C_MOUSE	1	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1V8K	1G4A	0.97	Sc=6.36398, min distance = 2.190910
KIF2C_MOUSE	1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	1V8J	1LVK		Sc=5.84931, min distance = 2.095232
KIF2C_MOUSE	1	448042	2e	ROCK1_HUMAN	Ft	33113	gar	2V55	1V8K	2ETR		Sc=6.0679, min distance = 1.9979204
KIF2C_MOUSE	1	448043	2c	ROCK1_HUMAN	Ft	33113	gar	2V55	1V8K	3D9V		Sc=5.85388, min distance = 2.140480
KIF2C_MOUSE	1	5326976	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	1V8K	1ZOE		Sc=5.68516, min distance = 2.502276
KIF3C_HUMAN	1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	3B6V	1BS1	0.91	Sc=5.66741, min distance = 2.390794
KIF3C_HUMAN	1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	3B6V	1W9I	0.91	Sc=5.61167, min distance = 2.504710
KIF3C_HUMAN	1	448965	1u	HS90A_HUMAN	Ft	6022	Aden	1BYQ	3B6V	1UY6		Sc=6.3183, min distance = 2.0688500
KIF3C_HUMAN	1	91557	1tr	Q94M05_9VIRU	I	6022	Aden	1W44	3B6V	1W48	0.99	Sc=5.9975, min distance = 1.6800589
KIF5C_MOUSE	1	160355	rc	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VFZ	3DDQ		Sc=6.2701, min distance = 2.5984500
KIF5C_MOUSE	1	16750062		CSK2A_MAIZE	Ft	33113	gar	1LP4	1VJV	2OXD		Sc=5.65627, min distance = 2.182866
KIF5C_MOUSE	1	24779678		CSK2A_MAIZE	Ft	33113	gar	1LP4	1VJV	2PVM		Sc=6.07084, min distance = 2.047050
KIF5C_MOUSE	1	447004	CI	MYS2_DICDI	Fu	33113	gar	1MMN	1VJV	1LVK		Sc=6.0519, min distance = 2.3541597
KIF5C_MOUSE	1	448042	2e	ROCK1_HUMAN	Ft	33113	gar	2V55	1VJV	2ETR		Sc=6.08885, min distance = 1.869309
KIF5C_MOUSE	1	448043	2c	ROCK1_HUMAN	Ft	33113	gar	2V55	1VJV	3D9V		Sc=6.04119, min distance = 2.140312
KIF5C_MOUSE	1	5326976	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	1VJV	1ZOE		Sc=5.73334, min distance = 2.282467
KIF5C_RAT	Fu	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2KIN	1P5E		Sc=5.65947, min distance = 1.795400
KIF9_HUMAN	Ft	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2NR8	1W9I	0.91	Sc=5.7048, min distance = 2.6544940
KIFC1_HUMAN	1	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	2REP	2ETM		Sc=6.05263, min distance = 2.746300
KIFC1_HUMAN	1	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2REP	1P5E		Sc=5.71012, min distance = 1.652634
KIFC1_HUMAN	1	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	2REP	2R3R		Sc=5.7952, min distance = 2.2017658
KIFC1_HUMAN	1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2REP	1OGU		Sc=6.40053, min distance = 2.112340
KIFC1_HUMAN	1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2REP	1A82	0.99	Sc=5.73824, min distance = 2.023810
KIFC1_HUMAN	1	91557	1tr	Q94M05_9VIRU	I	6022	Aden	1W44	2REP	1W48	0.99	Sc=5.99808, min distance = 1.694259
KIFC1_HUMAN	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	2REP	2R3H		Sc=5.68878, min distance = 2.144909
KIFC3_HUMAN	1	160355	rc	CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	3DDQ		Sc=6.17957, min distance = 2.431940
KIFC3_HUMAN	1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	2R3F		Sc=5.93867, min distance = 2.072932
KIFC3_HUMAN	1	25021197		CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	3EOC		Sc=6.10554, min distance = 2.700579
KIFC3_HUMAN	1	440317	AT	FTSK_PSEAE	Fu	6022	Aden	2IUU	2H58	2IUT	0.99	Sc=5.71388, min distance = 2.158119
KIFC3_HUMAN	1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	1OIU		Sc=6.21316, min distance = 2.396566

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KIFC3_HUMAN	1	4565	1h1y	CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	1H1R		Sc=6.19635, min distance = 2.40995
KIFC3_HUMAN	1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	1H1S		Sc=6.22132, min distance = 2.46856
KIFC3_HUMAN	1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2H58	1OGU		Sc=6.37503, min distance = 2.41633
KIFC3_HUMAN	1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	2H58	1W48	0.99	Sc=5.71078, min distance = 2.02255
KIME_RAT	Ful	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1KVK	2UVY		Sc=6.0826, min distance = 2.281868
KIME_RAT	Ful	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1KVK	1YDS		Sc=5.80802, min distance = 2.40530
KIME_RAT	Ful	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1KVK	1Q8W		Sc=5.74491, min distance = 2.30535
KIME_RAT	Ful	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1KVK	1DAD	0.99	Sc=6.3797, min distance = 2.131893
KIME_RAT	Ful	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1KVK	1MP8	0.99	Sc=6.38772, min distance = 2.14074
KIME_RAT	Ful	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	1KVK	1NN3	0.99	Sc=5.91368, min distance = 2.06303
KIME_RAT	Ful	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1KVK	1OH7	0.99	Sc=6.38867, min distance = 1.75711
KIME_RAT	Ful	6022	Ader	PDXK_SHEEP	Fu	5957	Aden	1LHR	1KVK	1RFU	0.99	Sc=6.37677, min distance = 2.01212
KIME_RAT	Ful	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1KVK	3ETJ	0.99	Sc=5.93109, min distance = 1.78801
KIME_RAT	Ful	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1KVK	2BEJ	0.99	Sc=5.90651, min distance = 2.00698
KIME_RAT	Ful	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1KVK	2J9D	0.99	Sc=6.37067, min distance = 2.20322
KIME_RAT	Ful	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1KVK	2VII	0.98	Sc=6.2626, min distance = 2.235189
KIME_RAT	Ful	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1KVK	2Q0E	0.8	Sc=5.98822, min distance = 2.22067
KIME_RAT	Ful	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1KVK	2GNI		Sc=5.86061, min distance = 2.30734
KIME_RAT	Ful	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	1KVK	1DAG	0.99	Sc=5.69716, min distance = 2.09313
KIME_RAT	Ful	91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1KVK	2Z09	0.99	Sc=6.476, min distance = 2.1142975
KINH_NEUCR	Fu	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	1GOJ	1LVK		Sc=5.86839, min distance = 2.10759
KIPN_BPT4	Fu	12599	dAN	DCK_HUMAN	Ful	6022	Aden	1P5Z	1LTQ	2QRO	0.97	Sc=5.91635, min distance = 1.83180
KIPN_BPT4	Fu	13945	Dec	DCK_HUMAN	Ful	6022	Aden	1P5Z	1LTQ	2QRN		Sc=6.15891, min distance = 2.36661
KIPN_BPT4	Fu	159354	Tc	DCK_HUMAN	Ful	6022	Aden	1P5Z	1LTQ	2NO7		Sc=5.90835, min distance = 2.13879
KIPN_BPT4	Fu	24178104		GLNA_HUMAN	Fu	6022	Aden	2OJW	1LTQ	2QC8		Sc=5.67797, min distance = 1.76010
KIPN_BPT4	Fu	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1LTQ	1GZ8		Sc=5.93835, min distance = 2.26133
KIPN_BPT4	Fu	60825	lan	DCK_HUMAN	Ful	6022	Aden	1P5Z	1LTQ	2NOA		Sc=5.77976, min distance = 2.57941
KITH_BACAN	Fu	13711	dec	DNK_DROME	Ful	5789	thyr	1OT3	2J9R	2VP5		Sc=6.11838, min distance = 2.34446
KITH_BACAN	Fu	445211	9-	KITH_HHV11	Fu	5789	thyr	1P7C	2J9R	1E2I		Sc=6.06449, min distance = 1.88215
KITH_BACAN	Fu	445212	1e	KITH_HHV11	Fu	5789	thyr	1P7C	2J9R	1E2K		Sc=6.25881, min distance = 2.06839
KITH_BACAN	Fu	446725	BV	KITH_HHV11	Fu	5789	thyr	1P7C	2J9R	1KI4		Sc=6.35843, min distance = 1.96907
KITH_BACAN	Fu	446726	AI	KITH_HHV11	Fu	5789	thyr	1P7C	2J9R	1KI6	0.77	Sc=6.21419, min distance = 2.40558
KITH_BACAN	Fu	447628	[	KITH_HHV11	Fu	5789	thyr	1P7C	2J9R	1OF1		Sc=6.26863, min distance = 2.07166
KITH_BACAN	Fu	64968	dTT	KITH_UREPA	Fu	5789	thyr	2B8T	2J9R	2UZ3	0.9	Sc=6.03654, min distance = 2.19130
KITH_BACCR	Fu	65070	dUT	DCD_ECOLI	Ful	64968	dTT	2J4Q	2JA1	1XS1	0.9	Sc=6.40526, min distance = 2.20596
KITH_BACCR	Fu	65091	dCT	DCD_ECOLI	Ful	64968	dTT	2J4Q	2JA1	1XS4	0.75	Sc=6.40526, min distance = 2.07882
KITH_CLOAB	Fu	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1XX6	1PXI		Sc=5.69024, min distance = 2.11296

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KITH_CLOAB	Fu: 4565	1h1y	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1XX6	1H1R		Sc=6.1234, min distance = 2.1254528
KITH_EHV4	Fu: 160355	rd	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	3DDQ		Sc=6.34185, min distance = 2.353584
KITH_EHV4	Fu: 16046126		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2DS1		Sc=6.45577, min distance = 2.001510
KITH_EHV4	Fu: 24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2VTR		Sc=5.84834, min distance = 2.067929
KITH_EHV4	Fu: 25021197		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	3EOC		Sc=6.36494, min distance = 1.709218
KITH_EHV4	Fu: 445210	9-	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1E2I	38.72	Sc=6.09745, min distance = 1.631278
KITH_EHV4	Fu: 445211	9-	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1E2I	38.72	Sc=6.10032, min distance = 1.674802
KITH_EHV4	Fu: 445213	HY	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1E2N	38.72	Sc=6.38338, min distance = 2.539746
KITH_EHV4	Fu: 445940	06	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	1GZ8		Sc=6.18954, min distance = 1.601234
KITH_EHV4	Fu: 446725	BV	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1KI4	38.72	Sc=6.3426, min distance = 2.5127620
KITH_EHV4	Fu: 446726	AI	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1KI6	38.72 0.77	Sc=6.20176, min distance = 2.184967
KITH_EHV4	Fu: 446727	Br	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1KI8	38.72 0.89	Sc=6.25436, min distance = 2.627418
KITH_EHV4	Fu: 447004	CI	MYS2_DICDI	Fu: 6022	Aden	1VOM	1P72	1LVK		Sc=5.79776, min distance = 1.969026
KITH_EHV4	Fu: 449088	1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	1VYZ		Sc=6.00274, min distance = 2.356401
KITH_EHV4	Fu: 449489	Id	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	3VTK	38.72 0.84	Sc=6.27855, min distance = 2.084592
KITH_EHV4	Fu: 4564	1e1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	1E1V		Sc=6.10296, min distance = 2.417448
KITH_EHV4	Fu: 4565	1h1y	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	1H1R		Sc=6.34131, min distance = 1.997683
KITH_EHV4	Fu: 5288016	6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2B53		Sc=6.26534, min distance = 2.055652
KITH_EHV4	Fu: 5288017	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2B55		Sc=6.48247, min distance = 2.070375
KITH_EHV4	Fu: 5326739	i	GSK3B_HUMAN	Fu: 6022	Aden	1J1C	1P72	1Q41		Sc=6.17468, min distance = 2.122162
KITH_EHV4	Fu: 5327087	3	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2BPM		Sc=6.33379, min distance = 2.317580
KITH_EHV4	Fu: 5327135	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2C6M		Sc=6.07084, min distance = 2.025622
KITH_EHV4	Fu: 5905	idox	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1KI7	38.72 0.91	Sc=6.1269, min distance = 2.5619424
KITH_EHV4	Fu: 5957	Ader	BIOD_ECOLI	Fu: 6022	Aden	1DAD	1P72	1A82	0.99	Sc=6.05887, min distance = 2.337231
KITH_EHV4	Fu: 6031	Uric	DCK_HUMAN	Fu: 6022	Aden	1P5Z	1P72	2ZIA		Sc=5.88368, min distance = 2.427857
KITH_EHV4	Fu: 6031	Uric	ECX1_PYRAB	Fu: 6022	Aden	2P00	1P72	2PNZ		Sc=5.96088, min distance = 2.367645
KITH_EHV4	Fu: 6083	ader	PSPF_ECOLI	Fu: 6022	Aden	2C98	1P72	2VII	0.99	Sc=6.02127, min distance = 2.285017
KITH_EHV4	Fu: 6132	Cyti	ECX1_PYRAB	Fu: 6022	Aden	2P00	1P72	2PO2		Sc=5.96504, min distance = 2.517979
KITH_EHV4	Fu: 6132	Cyti	ECX2_PYRAB	Fu: 6022	Aden	2P00	1P72	2PO2		Sc=5.95449, min distance = 2.298050
KITH_EHV4	Fu: 656971	CI	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	1Y8Y		Sc=5.68406, min distance = 2.064658
KITH_EHV4	Fu: 9700	thyr	KITH_HHV11	Fu: 5789	thyr	1P7C	1P6X	1VTK	38.72 0.92	Sc=6.34067, min distance = 2.109947
KITH_EHV4	Fu: 9994066	4	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1P72	2VTJ		Sc=5.76418, min distance = 2.063852
KITH_HHV11	Fu: 13712	dec	TYSY_ECOLI	Fu: 9700	thyr	1TYS	1VTK	1BDU	0.83	Sc=6.07266, min distance = 2.590527
KITH_HHV11	Fu: 398148	1e	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2VTK	1E1X		Sc=6.14343, min distance = 2.155228
KITH_HHV11	Fu: 444320	2	TYSY_ECOLI	Fu: 9700	thyr	1TYS	1VTK	1AOB	0.81	Sc=5.98592, min distance = 2.277422
KITH_HHV11	Fu: 445269	CI	KTHY_MYCTU	Fu: 9700	thyr	1GTV	1VTK	1W2H	0.85	Sc=6.3232, min distance = 2.1898038
KITH_HHV11	Fu: 5288016	6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2VTK	2B53		Sc=6.26308, min distance = 2.048512

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KITH_HHV11	F1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2VTK	1OGU		Sc=6.19584, min distance = 2.269867
KITH_HHV11	F1	5790	flox	DNK_DROME	Ful	5789	thyr	1OT3	1P7C	2VP6	0.92	Sc=6.11642, min distance = 2.224190
KITH_HHV11	F1	6030	Urid	PYR5_HUMAN	Fu	449489	Id	2QCH	3VTK	2V30	0.9	Sc=6.25, min distance = 2.435683271
KITH_HHV11	F1	65059	Dec	TYSY_ECOLI	Fu	9700	thyr	1TYS	1VTK	1TLC		Sc=6.38157, min distance = 2.212159
KITH_HHV11	F1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2VTK	1Y8Y		Sc=5.66383, min distance = 2.091129
KITH_HHV11	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2VTK	1QYE	0.89	Sc=6.12672, min distance = 1.901301
KITH_HHV11	F1	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	2VTK	2VTJ		Sc=5.75665, min distance = 2.319696
KITH_HUMAN	F1	65051	ddT	DPOLL_HUMAN	F1	64968	dtT	2BCV	1W4R	1XSN	0.94	Sc=6.48386, min distance = 1.908024
KITH_HUMAN	F1	65091	dCT	DPOLL_HUMAN	F1	64968	dtT	2BCV	1W4R	2PFP	0.75	Sc=6.43446, min distance = 1.951530
KITH_THEMA	F1	1855	CID1	KITH_HHV11	Fu	9700	thyr	1VTK	2QQ0	1E2P		Sc=6.15858, min distance = 2.261367
KITH_THEMA	F1	1865	6-hy	KITH_HHV11	Fu	5789	thyr	1P7C	2QQ0	1E2M		Sc=6.02767, min distance = 2.318658
KITH_THEMA	F1	440141	9i	RNAS1_BOVIN	F1	6022	Aden	100H	2QQ0	1000	1	Sc=6.03544, min distance = 2.126729
KITH_THEMA	F1	445211	9-	KITH_HHV11	Fu	5789	thyr	1P7C	2QQ0	1E2I		Sc=6.06561, min distance = 2.285027
KITH_THEMA	F1	445269	CI	KTHY_HUMAN	Fu	9700	thyr	1E2F	2QQ0	1E9B	0.85	Sc=6.39703, min distance = 2.581264
KITH_THEMA	F1	445269	CI	KTHY_YEAST	Fu	9700	thyr	1TMK	2QQ0	2TMK	0.85	Sc=6.38435, min distance = 2.460204
KITH_THEMA	F1	445269	CI	NT5M_HUMAN	Fu	9700	thyr	1Z4L	2QQ0	2JAU	0.85	Sc=6.3983, min distance = 2.3693351
KITH_THEMA	F1	446725	BV	KITH_HHV11	Fu	5789	thyr	1P7C	2QQ0	1KI4		Sc=6.35, min distance = 2.148002560
KITH_THEMA	F1	446726	AI	KITH_HHV11	Fu	5789	thyr	1P7C	2QQ0	1KI6	0.77	Sc=6.21183, min distance = 2.028042
KITH_THEMA	F1	447628	[	KITH_HHV11	Fu	5789	thyr	1P7C	2QQ0	1OF1		Sc=6.27053, min distance = 1.981857
KITH_THEMA	F1	447628	[	KITH_HHV11	Fu	9700	thyr	1VTK	2QQ0	1OF1		Sc=6.25014, min distance = 2.290042
KITH_THEMA	F1	449489	Id	KITH_HHV11	Fu	9700	thyr	1VTK	2QQ0	3VTK	0.91	Sc=6.2737, min distance = 2.0377212
KITH_THEMA	F1	5790	flox	DNK_DROME	Ful	5789	thyr	1OT3	2QQ0	2VP6	0.92	Sc=6.14964, min distance = 2.134398
KITH_THEMA	F1	6083	ader	RNAS1_BOVIN	F1	6022	Aden	100H	2QQ0	1Z6S	0.99	Sc=5.81284, min distance = 2.029630
KITH_UREPA	F1	13711	dec	DNK_DROME	Ful	5789	thyr	1OT3	2B8T	2VP5		Sc=6.11407, min distance = 2.576652
KITH_UREPA	F1	13711	dec	DNK_DROME	Ful	64968	dtT	1ZM7	2UZ3	2VP5		Sc=6.10709, min distance = 2.175671
KITH_UREPA	F1	15993	dAT	DPO42_SULSO	F1	64968	dtT	1S00	2UZ3	2AGQ		Sc=6.51347, min distance = 1.852746
KITH_UREPA	F1	15993	dAT	PRIM_BPT7	Ful	64968	dtT	1CR1	2UZ3	1CR2		Sc=6.51745, min distance = 1.720478
KITH_UREPA	F1	1865	6-hy	KITH_HHV11	Fu	5789	thyr	1P7C	2B8T	1E2M		Sc=6.03462, min distance = 2.376467
KITH_UREPA	F1	445210	9-	KITH_HHV11	Fu	5789	thyr	1P7C	2B8T	1E2I		Sc=6.06338, min distance = 2.223506
KITH_UREPA	F1	445211	9-	KITH_HHV11	Fu	5789	thyr	1P7C	2B8T	1E2I		Sc=6.06561, min distance = 2.176779
KITH_UREPA	F1	446726	AI	KITH_HHV11	Fu	5789	thyr	1P7C	2B8T	1KI6	0.77	Sc=6.21831, min distance = 2.316079
KITH_UREPA	F1	447628	[	KITH_HHV11	Fu	5789	thyr	1P7C	2B8T	1OF1		Sc=6.26563, min distance = 2.230783
KITH_UREPA	F1	65091	dCT	DPOLL_HUMAN	F1	64968	dtT	2BCV	2UZ3	2PFP	0.75	Sc=6.41538, min distance = 2.149147
KITH_VACCA	F1	15342951		DNK_DROME	Ful	64968	dtT	1ZM7	2J87	2JJ8	0.81	Sc=6.27562, min distance = 1.443737
KITH_VACCA	F1	5789	thyr	DNK_DROME	Ful	64968	dtT	1ZM7	2J87	1OT3	0.9	Sc=6.15278, min distance = 2.224858
KITH_VACCA	F1	65051	ddT	DPOLL_HUMAN	F1	64968	dtT	2BCV	2J87	1XSN	0.94	Sc=6.45183, min distance = 2.012679
KITH_VACCA	F1	65091	dCT	DPO42_SULSO	F1	64968	dtT	1S00	2J87	2ASD	0.75	Sc=6.4004, min distance = 2.0453821

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KITH_VACCA Fu: 65091 dCT	DPOLL_HUMAN Fu: 64968 dTT	2BCV	2J87	2PFP	0.75	Sc=5.9482, min distance = 2.0907924
KIT_HUMAN Fu: 11387605	ABL1_HUMAN Fu: 5291 Imat	2HYY	1T46	2E2B	38.78	0.9 Sc=6.69165, min distance = 2.389041
KIT_HUMAN Fu: 11957417	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	2I40	31.44	Sc=6.35268, min distance = 2.010031
KIT_HUMAN Fu: 15942672	ABL1_MOUSE Fu: 5291 Imat	1OPJ	1T46	2HZN	40	Sc=6.36187, min distance = 2.118035
KIT_HUMAN Fu: 160355 rc	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	3DDQ	31.44	Sc=6.41645, min distance = 1.480872
KIT_HUMAN Fu: 16758212	GSK3B_HUMAN Fu: 6022 Aden	1J1C	1PKG	2O5K	33.59	Sc=6.50706, min distance = 2.020412
KIT_HUMAN Fu: 1694 TBBt	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1P5E	31.44	Sc=5.60554, min distance = 2.301741
KIT_HUMAN Fu: 1707 1fvt	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1FVT	31.44	Sc=6.24889, min distance = 2.005138
KIT_HUMAN Fu: 24860537	ABL1_MOUSE Fu: 5291 Imat	1OPJ	1T46	3DK7	40	0.75 Sc=6.49564, min distance = 1.911291
KIT_HUMAN Fu: 24905152	SRC_CHICK Ful: 5291 Imat	2OIQ	1T46	3EN6	39	Sc=6.37293, min distance = 2.363278
KIT_HUMAN Fu: 24963033	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	2W05	31.44	Sc=6.29343, min distance = 1.484395
KIT_HUMAN Fu: 24963038	LCK_HUMAN Ful: 5291 Imat	2PL0	1T46	2ZM1	40.53	Sc=6.10607, min distance = 2.219315
KIT_HUMAN Fu: 24978497	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	3EID	31.44	Sc=6.61583, min distance = 1.184840
KIT_HUMAN Fu: 25011744	SRC_CHICK Ful: 5291 Imat	2OIQ	1T46	3EL7	39	Sc=6.63538, min distance = 2.127962
KIT_HUMAN Fu: 25011745	SRC_CHICK Ful: 5291 Imat	2OIQ	1T46	3EL8	39	Sc=6.58512, min distance = 2.231391
KIT_HUMAN Fu: 25021197	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	3E0C	31.44	Sc=6.3843, min distance = 2.313211
KIT_HUMAN Fu: 3543 1g5s	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1G5S	31.44	Sc=6.50877, min distance = 2.392451
KIT_HUMAN Fu: 4327 CID4	ABL1_MOUSE Fu: 5291 Imat	1OPJ	1T46	1FPU	40	0.93 Sc=6.51586, min distance = 2.076531
KIT_HUMAN Fu: 4369136 C	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1DM2	31.44	Sc=6.28397, min distance = 2.052585
KIT_HUMAN Fu: 444345 1c	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1AQ1	31.44	Sc=6.40847, min distance = 1.947182
KIT_HUMAN Fu: 444640 CI	BIOD_ECOLI Fu: 6022 Aden	1DAD	1PKG	1DAG		Sc=6.12953, min distance = 2.073581
KIT_HUMAN Fu: 447077 PI	ABL1_MOUSE Fu: 5291 Imat	1OPJ	1T46	1M52	40	Sc=6.32349, min distance = 2.343715
KIT_HUMAN Fu: 447700 NS	ABL1_HUMAN Fu: 5291 Imat	2HYY	1T46	2G2H	38.78	Sc=6.49635, min distance = 2.472315
KIT_HUMAN Fu: 447700 NS	ABL1_MOUSE Fu: 5291 Imat	1OPJ	1T46	1OPK	40	Sc=6.41689, min distance = 2.592111
KIT_HUMAN Fu: 448014 1c	GSK3B_HUMAN Fu: 6022 Aden	1J1C	1PKG	1Q5K	33.59	Sc=6.27599, min distance = 1.680068
KIT_HUMAN Fu: 448171 CI	LCK_HUMAN Ful: 5291 Imat	2PL0	1T46	1QPE	40.53	Sc=6.14514, min distance = 2.037485
KIT_HUMAN Fu: 4564 1e1v	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1E1V	31.44	Sc=6.11604, min distance = 1.894160
KIT_HUMAN Fu: 5287844 i	GSK3B_HUMAN Fu: 6022 Aden	1J1C	1PKG	1UV5	33.59	Sc=6.35505, min distance = 2.161235
KIT_HUMAN Fu: 5288018 C	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	2B52	31.44	Sc=6.60491, min distance = 1.980671
KIT_HUMAN Fu: 5289411 1	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	1OGU	31.44	Sc=6.55655, min distance = 1.519011
KIT_HUMAN Fu: 5311104 2	ABL1_HUMAN Fu: 5291 Imat	2HYY	1T46	2HZI	38.78	0.76 Sc=6.31574, min distance = 2.492876
KIT_HUMAN Fu: 5326739 i	GSK3B_HUMAN Fu: 6022 Aden	1J1C	1PKG	1Q41	33.59	Sc=6.33978, min distance = 1.548575
KIT_HUMAN Fu: 5327148 C	IPKA_RABIT Fu: 6022 Aden	1JBP	1PKG	2ERZ		Sc=6.1937, min distance = 2.2288304
KIT_HUMAN Fu: 5331010 c	CDK2_HUMAN Fu: 6022 Aden	1GY3	1PKG	2BKZ	31.44	Sc=6.345, min distance = 1.71031312
KIT_HUMAN Fu: 5957 Ader	RK_BOVIN Full=	6022 Aden	3C4Z	1PKG	3C4W	0.99 Sc=6.49995, min distance = 1.913826
KIT_HUMAN Fu: 6083 ader	HSP71_HUMAN Fu: 6022 Aden	1S3X	1PKG	1XQS	0.99	Sc=6.3548, min distance = 2.2810745
KIT_HUMAN Fu: 6083 ader	PURP_METJA Fu: 6022 Aden	2R7N	1PKG	2R7M	0.99	Sc=6.34951, min distance = 2.371305

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KIT_HUMAN	Fu: 60961	add	SKY1_YEAST	Fu: 6022	Aden	1Q8Y	1PKG	1Q97	0.95	Sc=6.22156, min distance = 1.807088	
KIT_HUMAN	Fu: 6420138	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1PKG	2UUE	31.44	Sc=6.3527, min distance = 2.0852134	
KIT_HUMAN	Fu: 6420139	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1PKG	2C5V	31.44	Sc=6.31036, min distance = 1.763129	
KIT_HUMAN	Fu: 644241	Ni	ABL1_HUMAN	Fu: 5291	Imat	2HYY	1T46	3CS9	38.78	0.9	Sc=6.66364, min distance = 2.582750
KIT_HUMAN	Fu: 6539118	g	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1PKG	1FVV	31.44	Sc=6.49689, min distance = 1.445620	
KIT_HUMAN	Fu: 657072	RY	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1PKG	2BHH	31.44	Sc=6.50972, min distance = 1.928886	
KIT_HUMAN	Fu: 6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1PKG	2DTH	0.89	Sc=6.15309, min distance = 1.827798
KIT_HUMAN	Fu: 72194	2-C	ENPL_CANFA	Fu: 6022	Aden	1TC6	1PKG	1QYE	0.89	Sc=6.18549, min distance = 1.978704	
KIT_HUMAN	Fu: 9543438	C	DDLB_ECOLI	Fu: 6022	Aden	1IOW	1PKG	1IOV		Sc=5.97132, min distance = 2.054317	
KIT_HUMAN	Fu: 9547982	7	ABL1_HUMAN	Fu: 5291	Imat	2HYY	1T46	2HIW	38.78	Sc=6.59355, min distance = 2.589622	
KIT_HUMAN	Fu: 9549303	2	STK6_HUMAN	Fu: 6022	Aden	1MQ4	1PKG	2NP8	28.48	Sc=6.51582, min distance = 1.660295	
KKA3_ENTFA	F1 10224714		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	3DDP		Sc=6.5061, min distance = 2.0796225	
KKA3_ENTFA	F1 11957393		FAK1_HUMAN	Fu: 6022	Aden	1MP8	2BKK	2ETM		Sc=6.23234, min distance = 2.476504	
KKA3_ENTFA	F1 11957417		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2I40		Sc=6.32167, min distance = 1.837238	
KKA3_ENTFA	F1 1540	1h1c	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	1H1Q		Sc=6.39853, min distance = 1.701134	
KKA3_ENTFA	F1 16046126		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2DS1		Sc=6.37249, min distance = 1.896852	
KKA3_ENTFA	F1 16214823		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2UZB		Sc=6.13563, min distance = 1.617007	
KKA3_ENTFA	F1 16214825		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2UZE		Sc=6.31741, min distance = 2.382839	
KKA3_ENTFA	F1 16214826		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2UZL		Sc=6.165, min distance = 1.97893658	
KKA3_ENTFA	F1 16758212		GSK3B_HUMAN	F1 33113	gar	1J1B	1J7U	2O5K		Sc=6.47447, min distance = 1.984747	
KKA3_ENTFA	F1 16758212		GSK3B_HUMAN	F1 6022	Aden	1J1C	2BKK	2O5K		Sc=6.45382, min distance = 2.236929	
KKA3_ENTFA	F1 1707	1fvt	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	1FVT		Sc=6.21251, min distance = 0.939925	
KKA3_ENTFA	F1 23653515		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2R3F		Sc=5.98023, min distance = 2.376028	
KKA3_ENTFA	F1 23653516		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2R3G		Sc=6.14433, min distance = 2.152957	
KKA3_ENTFA	F1 23653518		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2R3J		Sc=6.14751, min distance = 2.272312	
KKA3_ENTFA	F1 23653519		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2R3K		Sc=6.24359, min distance = 2.285909	
KKA3_ENTFA	F1 23653522		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2R3N		Sc=6.23068, min distance = 2.124403	
KKA3_ENTFA	F1 23653526		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2R3R		Sc=6.15327, min distance = 1.897192	
KKA3_ENTFA	F1 24779674		CSK2A_MAIZE	F1 33113	gar	1LP4	1J7U	2PVH		Sc=6.15711, min distance = 2.020804	
KKA3_ENTFA	F1 24779677		CSK2A_MAIZE	F1 33113	gar	1LP4	1J7U	2PVL		Sc=6.21535, min distance = 1.678589	
KKA3_ENTFA	F1 24864077		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2VTN		Sc=6.21991, min distance = 2.702912	
KKA3_ENTFA	F1 24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2VTR		Sc=5.92944, min distance = 2.572564	
KKA3_ENTFA	F1 24963033		CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	2W05		Sc=6.32987, min distance = 2.151528	
KKA3_ENTFA	F1 2608	1jsv	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2BKK	1JSV		Sc=5.82363, min distance = 1.606358	
KKA3_ENTFA	F1 3064778	H	ROCK1_HUMAN	F1 33113	gar	2V55	1J7U	2ETK		Sc=6.10296, min distance = 1.963410	
KKA3_ENTFA	F1 36735	Gpp	CSK2A_MAIZE	F1 33113	gar	1LP4	1J7U	1DAY	0.8	Sc=6.00943, min distance = 2.194043	
KKA3_ENTFA	F1 3973	nche	PIM1_HUMAN	Fu: 33113	gar	1XR1	1J7U	1YI3		Sc=5.92194, min distance = 2.118257	

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KKA3_ENTFA	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1E1X		Sc=6.15601, min distance = 2.026876
KKA3_ENTFA	F1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1DM2		Sc=6.29523, min distance = 2.043896
KKA3_ENTFA	F1	444345	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1AQ1		Sc=6.35169, min distance = 1.769289
KKA3_ENTFA	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2BKK	1BS1	0.91	Sc=6.38203, min distance = 2.276694
KKA3_ENTFA	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2BKK	1W9I	0.91	Sc=6.40124, min distance = 2.261820
KKA3_ENTFA	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	2BKK	1COW	0.9	Sc=6.45126, min distance = 1.854642
KKA3_ENTFA	F1	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1GII		Sc=6.24576, min distance = 2.224216
KKA3_ENTFA	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1OI9		Sc=6.40599, min distance = 2.616250
KKA3_ENTFA	F1	447652	In	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1OIQ		Sc=6.16079, min distance = 2.306936
KKA3_ENTFA	F1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1OIT		Sc=6.25949, min distance = 1.470117
KKA3_ENTFA	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1OIU		Sc=6.28355, min distance = 2.036376
KKA3_ENTFA	F1	447766	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1P2A		Sc=6.32962, min distance = 1.936159
KKA3_ENTFA	F1	447962	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2C5N		Sc=6.25637, min distance = 2.671700
KKA3_ENTFA	F1	448005	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	2BKK	1Q3W		Sc=6.30298, min distance = 2.271519
KKA3_ENTFA	F1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	2BKK	1QY5	0.81	Sc=6.33288, min distance = 2.079904
KKA3_ENTFA	F1	448238	CI	GSK3B_HUMAN	F1	33113	gar	1J1B	1J7U	1R0E		Sc=6.52875, min distance = 2.098207
KKA3_ENTFA	F1	448238	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	2BKK	1R0E		Sc=6.5098, min distance = 1.8855770
KKA3_ENTFA	F1	448293	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1R78		Sc=6.46563, min distance = 2.156240
KKA3_ENTFA	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1E1V		Sc=6.10007, min distance = 2.544337
KKA3_ENTFA	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1H1R		Sc=6.27533, min distance = 2.420357
KKA3_ENTFA	F1	5288712	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1KE9		Sc=6.23413, min distance = 1.989179
KKA3_ENTFA	F1	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	1J7U	1Q41		Sc=6.30298, min distance = 2.542579
KKA3_ENTFA	F1	5326739	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2BKK	1Q41		Sc=6.23849, min distance = 2.410126
KKA3_ENTFA	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1J7U	1ZOG		Sc=5.68246, min distance = 2.424207
KKA3_ENTFA	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1J7U	1ZOH		Sc=5.66617, min distance = 2.542842
KKA3_ENTFA	F1	5327132	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2C6I		Sc=6.15791, min distance = 2.315300
KKA3_ENTFA	F1	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2C6K		Sc=6.23861, min distance = 0.871652
KKA3_ENTFA	F1	5327135	D	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2C6M		Sc=6.16023, min distance = 1.313480
KKA3_ENTFA	F1	5331010	c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2BKZ		Sc=6.23398, min distance = 1.629354
KKA3_ENTFA	F1	5494449	T	STK6_HUMAN	Fu	33113	gar	2DWB	1J7U	3E5A		Sc=6.27238, min distance = 2.108360
KKA3_ENTFA	F1	5687	1di8	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1DI8		Sc=6.17332, min distance = 1.962529
KKA3_ENTFA	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2BKK	1W7A	0.99	Sc=6.00815, min distance = 0.896297
KKA3_ENTFA	F1	5957	Ader	Q72H90_THET2	I	6022	Aden	2BEJ	2BKK	2BEK	0.99	Sc=6.02426, min distance = 1.968377
KKA3_ENTFA	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2BKK	3C4W	0.99	Sc=5.99201, min distance = 2.191070
KKA3_ENTFA	F1	5957	Ader	SECA_ECOLI	Fu	6022	Aden	2FSI	2BKK	2FSG	0.99	Sc=6.461, min distance = 1.75579098
KKA3_ENTFA	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2BKK	1FMO	0.95	Sc=6.09568, min distance = 2.115030
KKA3_ENTFA	F1	6132	Cyt1	O33839_THEME	I	6022	Aden	1XJK	2BKK	1XJN		Sc=6.24971, min distance = 1.921126

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KKA3_ENTFA	F1	6338563	CDK2_HUMAN	Fu	6022	Aden	1VOM	2BKK	1D0Z			Sc=6.12974, min distance = 2.326382
KKA3_ENTFA	F1	6420138	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2UUE			Sc=6.29556, min distance = 1.838265
KKA3_ENTFA	F1	6420139	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2C5V			Sc=6.15059, min distance = 1.351284
KKA3_ENTFA	F1	657072	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	2BHH			Sc=6.46012, min distance = 2.362306
KKA3_ENTFA	F1	6918710	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	3EJ1			Sc=6.23709, min distance = 2.367427
KKA3_ENTFA	F1	8582	INOS1_HUMAN	Fu	6022	Aden	100H	2BKK	1Z6D	0.79		Sc=6.32378, min distance = 1.656426
KKA3_ENTFA	F1	8977	NDK_PYRHO	Fu	6022	Aden	2DYA	2BKK	2DXE	0.8		Sc=5.96924, min distance = 1.941285
KKA3_ENTFA	F1	91532	MTNK_BACSU	Fu	6022	Aden	2OLC	2BKK	2PUL	0.99		Sc=6.47719, min distance = 2.294885
KKA3_ENTFA	F1	91532	PURP_METJA	Fu	6022	Aden	2R7N	2BKK	2R7K	0.99		Sc=6.48055, min distance = 2.045595
KKA3_ENTFA	F1	9547890	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	1W8C			Sc=6.09597, min distance = 2.561700
KKA3_ENTFA	F1	9817550	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BKK	3BHV			Sc=6.35758, min distance = 2.436955
KKA3_ENTFA	F1	9934347	FAK1_CHICK	Fu	33113	gar	2J0L	1J7U	2JKK			Sc=6.49574, min distance = 1.392876
KLK3_HUMAN	F1	439353	IGHG1_HUMAN	Fu	444205	CI	1HZH	2ZCL	1L6X			Sc=5.68635, min distance = 2.190882
KPCI_HUMAN	F1	10109823	PIM1_HUMAN	Fu	2396	bisi	1XWS	1ZRZ	3CY3			Sc=6.27172, min distance = 2.449311
KPCI_HUMAN	F1	2398	PDPK1_HUMAN	Fu	2396	bisi	1UU8	1ZRZ	1UU9	0.99		Sc=6.36696, min distance = 2.714603
KPCI_HUMAN	F1	24180721	PIM1_HUMAN	Fu	2396	bisi	1XWS	1ZRZ	3C4E			Sc=5.98708, min distance = 1.880856
KPCI_HUMAN	F1	5327121	PIM1_HUMAN	Fu	2396	bisi	1XWS	1ZRZ	2C3I			Sc=6.17261, min distance = 2.072656
KPCI_HUMAN	F1	60961	PIM1_HUMAN	Fu	2396	bisi	1XWS	1ZRZ	1YI4			Sc=6.17235, min distance = 2.186810
KPCI_HUMAN	F1	611002	PIM1_HUMAN	Fu	2396	bisi	1XWS	1ZRZ	1YXX			Sc=6.11441, min distance = 2.076224
KPCT_HUMAN	F1	10109823	PIM1_HUMAN	Fu	444345	1c	1YHS	1XJD	3CY3	36.94		Sc=6.36805, min distance = 2.795566
KPCT_HUMAN	F1	10224714	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	3DDP	30.4		Sc=6.35867, min distance = 2.156403
KPCT_HUMAN	F1	11314340	KAPCA_BOVIN	Fu	444345	1c	1STC	1XJD	2UZT	38.91		Sc=6.34567, min distance = 2.429015
KPCT_HUMAN	F1	11348631	CHK1_HUMAN	Fu	444345	1c	1NVR	1XJD	2E9U	28.89		Sc=6.21179, min distance = 2.737614
KPCT_HUMAN	F1	11553058	LCK_HUMAN	Fu	444345	1c	1QPD	1XJD	2OF2	27.83		Sc=6.17086, min distance = 2.434183
KPCT_HUMAN	F1	11957417	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2I40	30.4		Sc=6.29759, min distance = 2.316093
KPCT_HUMAN	F1	11986113	PIM1_HUMAN	Fu	444345	1c	1YHS	1XJD	2BZH	36.94	0.76	Sc=6.4275, min distance = 2.2772874
KPCT_HUMAN	F1	11986115	PIM1_HUMAN	Fu	444345	1c	1YHS	1XJD	2BZJ	36.94		Sc=6.60352, min distance = 2.034657
KPCT_HUMAN	F1	1540	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1H1Q	30.4		Sc=6.25365, min distance = 2.814559
KPCT_HUMAN	F1	15942652	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2DUV	30.4		Sc=6.30424, min distance = 2.261849
KPCT_HUMAN	F1	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	1XJD	2OF4	27.83		Sc=6.15244, min distance = 2.885825
KPCT_HUMAN	F1	160355	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	3DDQ	30.4		Sc=6.1626, min distance = 2.4628936
KPCT_HUMAN	F1	16058647	PIM1_HUMAN	Fu	444345	1c	1YHS	1XJD	2OI4	36.94	0.75	Sc=6.45307, min distance = 2.201315
KPCT_HUMAN	F1	16113377	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2W17	30.4		Sc=6.39678, min distance = 2.128310
KPCT_HUMAN	F1	16122608	PDPK1_HUMAN	Fu	444345	1c	1OKY	1XJD	2PE1	37.87		Sc=6.31952, min distance = 2.706414
KPCT_HUMAN	F1	16122643	CHK1_HUMAN	Fu	444345	1c	1NVR	1XJD	2YWP	28.89		Sc=6.25313, min distance = 2.699663
KPCT_HUMAN	F1	16214825	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2UZE	30.4		Sc=6.25806, min distance = 2.476197
KPCT_HUMAN	F1	16214826	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2UZL	30.4		Sc=6.12458, min distance = 2.080585

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KPCT_HUMAN	F1	1707	1fv	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1FVT	30.4	Sc=6.0986, min distance = 2.035205
KPCT_HUMAN	F1	17754396		PDPK1_HUMAN	F1	444345	1c	1OKY	1XJD	2R7B	37.87	Sc=6.18059, min distance = 2.589420
KPCT_HUMAN	F1	1907917	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1XJD	2CGW	28.89	Sc=6.12501, min distance = 2.879075
KPCT_HUMAN	F1	23536770		LCK_HUMAN	Fu	444345	1c	1QPD	1XJD	3BYM	27.83	Sc=6.43675, min distance = 2.175167
KPCT_HUMAN	F1	23653515		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3F	30.4	Sc=5.87941, min distance = 2.662682
KPCT_HUMAN	F1	23653518		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3J	30.4	Sc=6.08616, min distance = 2.677482
KPCT_HUMAN	F1	23653519		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3K	30.4	Sc=6.08476, min distance = 2.516827
KPCT_HUMAN	F1	23653520		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3L	30.4	Sc=6.07676, min distance = 2.639014
KPCT_HUMAN	F1	23653521		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3M	30.4	Sc=6.17541, min distance = 2.491505
KPCT_HUMAN	F1	23653524		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3P	30.4	Sc=6.1865, min distance = 2.0211110
KPCT_HUMAN	F1	23653526		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2R3R	30.4	Sc=5.94973, min distance = 2.876237
KPCT_HUMAN	F1	23657800		CHK1_HUMAN	Fu	444345	1c	1NVR	1XJD	2E9P	28.89	Sc=6.24785, min distance = 2.536066
KPCT_HUMAN	F1	23727982		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	3BHU	30.4	Sc=6.24206, min distance = 2.515581
KPCT_HUMAN	F1	2403	1uvr	PDPK1_HUMAN	F1	444345	1c	1OKY	1XJD	1UVR	37.87	Sc=6.37931, min distance = 2.095662
KPCT_HUMAN	F1	24752838		CHK1_HUMAN	Fu	444345	1c	1NVR	1XJD	2QHM	28.89	Sc=6.04835, min distance = 2.493926
KPCT_HUMAN	F1	24820122		PIM1_HUMAN	Fu	444345	1c	1YHS	1XJD	3BWF	36.94	Sc=6.51741, min distance = 2.119720
KPCT_HUMAN	F1	24864081		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2VTS	30.4	Sc=6.27338, min distance = 2.325631
KPCT_HUMAN	F1	24905143		PK3CG_HUMAN	F1	444345	1c	1E8Z	1XJD	2V4L		Sc=5.99973, min distance = 2.854878
KPCT_HUMAN	F1	24905144		PK3CG_HUMAN	F1	444345	1c	1E8Z	1XJD	3ENE		Sc=6.08873, min distance = 2.562266
KPCT_HUMAN	F1	24916751		CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	3DOG	30.4	Sc=6.15482, min distance = 2.389430
KPCT_HUMAN	F1	33113	gan	IRAK4_HUMAN	F1	444345	1c	2NRY	1XJD	2OID	37.62	Sc=6.45294, min distance = 2.211595
KPCT_HUMAN	F1	3543	1g5s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1G5S	30.4	Sc=6.33338, min distance = 2.588718
KPCT_HUMAN	F1	3547	Fasu	KAPCA_BOVIN	F1	444345	1c	1STC	1XJD	1Q8W	38.91	Sc=5.92897, min distance = 2.594071
KPCT_HUMAN	F1	3973	nche	PIM1_HUMAN	Fu	444345	1c	1YHS	1XJD	1YI3	36.94	Sc=5.88242, min distance = 2.368628
KPCT_HUMAN	F1	4369136	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1DM2	30.4	Sc=6.17871, min distance = 2.932354
KPCT_HUMAN	F1	446704	LS	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1KE6	30.4	Sc=6.26963, min distance = 2.156759
KPCT_HUMAN	F1	447649	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1OI9	30.4	Sc=6.34252, min distance = 2.718260
KPCT_HUMAN	F1	447652	In	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1OIQ	30.4	Sc=6.08853, min distance = 2.573861
KPCT_HUMAN	F1	447766	1g	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1P2A	30.4	Sc=6.27806, min distance = 2.256894
KPCT_HUMAN	F1	447962	1g	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	2C5N	30.4	Sc=6.09998, min distance = 2.368111
KPCT_HUMAN	F1	447967	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1PYE	30.4	Sc=6.35312, min distance = 2.505590
KPCT_HUMAN	F1	448043	2g	KAPCA_BOVIN	F1	444345	1c	1STC	1XJD	1Q8U	38.91	Sc=5.98475, min distance = 2.424297
KPCT_HUMAN	F1	448293	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1R78	30.4	Sc=6.43154, min distance = 2.530766
KPCT_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	444345	1c	1STC	1XJD	1YDR	38.91	Sc=5.92108, min distance = 2.475022
KPCT_HUMAN	F1	456214	pu	KS6A1_HUMAN	F1	444345	1c	2Z7R	1XJD	2Z7S		Sc=6.27109, min distance = 2.169005
KPCT_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1H1R	30.4	Sc=6.25618, min distance = 2.630142
KPCT_HUMAN	F1	4566	1h1s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XJD	1H1S	30.4	Sc=6.30357, min distance = 1.847695

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KPCT_HUMAN	F1	5288708	1	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	1KE5	30.4		Sc=6.11374, min distance = 2.190510
KPCT_HUMAN	F1	5288710	0	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	1KE7	30.4		Sc=6.34098, min distance = 2.005706
KPCT_HUMAN	F1	5327121	1	PIM1_HUMAN	Fu:	444345	1c	1YHS	1XJD	2C3I	36.94		Sc=6.12206, min distance = 2.715217
KPCT_HUMAN	F1	5327123	1	CHK1_HUMAN	Fu:	444345	1c	1NVR	1XJD	2C3L	28.89		Sc=6.12054, min distance = 2.428967
KPCT_HUMAN	F1	5327130	0	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2C68	30.4		Sc=6.09558, min distance = 2.515817
KPCT_HUMAN	F1	5327131	1	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2C69	30.4		Sc=6.17469, min distance = 2.685500
KPCT_HUMAN	F1	5327133	0	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2C6K	30.4		Sc=6.14179, min distance = 2.376920
KPCT_HUMAN	F1	5327134	0	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2C6L	30.4		Sc=6.28086, min distance = 2.304489
KPCT_HUMAN	F1	5687	1di8	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	1DI8	30.4		Sc=6.13165, min distance = 2.563259
KPCT_HUMAN	F1	60961	ade	PIM1_HUMAN	Fu:	444345	1c	1YHS	1XJD	1YI4	36.94		Sc=6.14213, min distance = 2.635852
KPCT_HUMAN	F1	6102670		CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	1YKR	30.4		Sc=6.27227, min distance = 2.394618
KPCT_HUMAN	F1	6420138	2	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2UUE	30.4		Sc=6.25253, min distance = 2.096000
KPCT_HUMAN	F1	6420139	0	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2C5V	30.4		Sc=6.10146, min distance = 2.172979
KPCT_HUMAN	F1	6540273	2	CHK1_HUMAN	Fu:	444345	1c	1NVR	1XJD	2CGV	28.89		Sc=6.1556, min distance = 2.5841510
KPCT_HUMAN	F1	656971	CI	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	1Y8Y	30.4		Sc=5.9087, min distance = 2.5293099
KPCT_HUMAN	F1	657072	RY	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2BHH	30.4		Sc=6.44315, min distance = 2.561580
KPCT_HUMAN	F1	657138	1z	PDPK1_HUMAN	F1	444345	1c	1OKY	1XJD	1Z5M	37.87		Sc=6.65331, min distance = 2.298039
KPCT_HUMAN	F1	6852207	M	KAPCA_BOVIN	F1	444345	1c	1STC	1XJD	2GNI	38.91		Sc=5.91836, min distance = 2.237687
KPCT_HUMAN	F1	6918852	2	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	2FVD	30.4		Sc=6.3346, min distance = 2.4833129
KPCT_HUMAN	F1	72271	7-H	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	1PKD	30.4	0.91	Sc=6.46334, min distance = 2.464544
KPCT_HUMAN	F1	72271	7-H	CHK1_HUMAN	Fu:	444345	1c	1NVR	1XJD	1NVQ	28.89	0.91	Sc=6.44909, min distance = 2.697802
KPCT_HUMAN	F1	72271	7-H	PDPK1_HUMAN	F1	444345	1c	1OKY	1XJD	1OKZ	37.87	0.91	Sc=6.44573, min distance = 2.632510
KPCT_HUMAN	F1	848641	2k	CHK1_HUMAN	Fu:	444345	1c	1NVR	1XJD	2BRH	28.89		Sc=6.16329, min distance = 2.009999
KPCT_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu:	444345	1c	1AQ1	1XJD	3BHV	30.4		Sc=6.35261, min distance = 2.171260
KPRS_BACSU	F1	60961	ade	USHA_ECOLI	Fu:	92199	AMP	1HPU	1DKU	1HO5	0.93		Sc=6.09716, min distance = 1.488810
KPYM_RABIT	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1A49	2UVY			Sc=6.2023, min distance = 2.1292397
KPYM_RABIT	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	1A49	2PE0			Sc=6.17099, min distance = 1.995400
KPYM_RABIT	F1	3973	nche	PK3CG_PIG	Ful:	5957	Aden	1E8X	1A49	1E7V			Sc=5.93443, min distance = 1.915828
KPYM_RABIT	F1	440317	AT	PURT_ECOLI	Fu:	5957	Aden	1KJ8	1A49	1KJJ	0.99		Sc=6.43691, min distance = 1.371226
KPYM_RABIT	F1	6022	Ader	DDL_THET8	Ful:	5957	Aden	2ZDQ	1A49	2ZDH	0.99		Sc=6.39627, min distance = 1.842260
KPYM_RABIT	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	1A49	2J9D	0.99		Sc=5.9388, min distance = 1.9038510
KPYM_RABIT	F1	6083	ader	PURP_METJA	Fu:	5957	Aden	2R7L	1A49	2R7M	0.98		Sc=6.32157, min distance = 2.126408
KPYM_RABIT	F1	6176	Cyti	CCA_ARCFU	Ful:	5957	Aden	1R8B	1A49	1R89			Sc=6.36577, min distance = 1.537230
KPYM_RABIT	F1	91532	AME	PURT_ECOLI	Fu:	5957	Aden	1KJ8	1A49	1KJI	0.99		Sc=6.47483, min distance = 1.759980
KRE2_YEAST	F1	37792	gar	GNAI1_RAT	Ful:	8977	1dar	1SVK	1S40	1AS0	0.99		Sc=5.75524, min distance = 2.289962
KRE2_YEAST	F1	37792	gar	GNAT1_BOVIN	F1	8977	1dar	1TAD	1S40	1TND	0.99		Sc=5.76386, min distance = 2.244069
KRE2_YEAST	F1	37792	gar	RAB6B_HUMAN	F1	8977	1dar	2E9S	1S40	2FFQ	0.99		Sc=5.76046, min distance = 2.106550

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KRE2_YEAST	F1	37792 gar	RB11A_HUMAN	F1	8977	1dar	1OIX	1S40	1OIW	0.99	Sc=5.75524, min distance = 2.015420
KRE2_YEAST	F1	445939 1c	PPTA_ECOLI	Fu	23831	HEF	1GYX	1S40	1GYW		Sc=5.78465, min distance = 2.015378
KRE2_YEAST	F1	446248 CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1S40	1IAQ		Sc=5.62365, min distance = 1.995109
KRE2_YEAST	F1	447979 5C	KGUA_ECOLI	Fu	8977	1dar	2AN9	1S40	2ANB		Sc=5.97365, min distance = 2.383558
KRE2_YEAST	F1	5326975 5	KGUA_MYCTU	Fu	8977	1dar	1ZNY	1S40	1ZNX	0.99	Sc=6.41524, min distance = 2.467007
KRE2_YEAST	F1	5962 L-ly	RBCMT_PEA	Fu	23831	HEF	1MLV	1S40	2H2E		Sc=5.67059, min distance = 1.801318
KRE2_YEAST	F1	6022 Ader	NDK_PYRHO	Fu	8977	1dar	2DXE	1S40	2DYA	0.8	Sc=5.68882, min distance = 2.129671
KRE2_YEAST	F1	6022 Ader	PARM_ECOLX	Fu	8977	1dar	2ZGY	1S40	1MWM	0.8	Sc=5.99459, min distance = 1.718563
KRE2_YEAST	F1	6802 guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1S40	1IH7	0.94	Sc=6.32827, min distance = 2.043559
KRE2_YEAST	F1	6804 guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1S40	1WAJ	0.99	Sc=5.92436, min distance = 2.222649
KRE2_YEAST	F1	6804 guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1S40	1G7C	0.99	Sc=5.93241, min distance = 2.245602
KRE2_YEAST	F1	6804 guar	TGM3_HUMAN	Fu	8977	1dar	1VJJ	1S40	1SGX	0.99	Sc=6.42454, min distance = 2.163912
KRE2_YEAST	F1	93082 Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1S40	2QME	0.99	Sc=5.6201, min distance = 1.9732039
KRE2_YEAST	F1	93082 Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1S40	121P	0.99	Sc=5.62667, min distance = 2.042751
KS6A1_HUMAN	I	10224714	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	3DDP		Sc=6.49423, min distance = 2.477639
KS6A1_HUMAN	I	11957417	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2I40		Sc=6.28196, min distance = 2.244409
KS6A1_HUMAN	I	11986115	PIM1_HUMAN	Fu	444345	1c	1YHS	2Z7R	2BZJ		Sc=6.27067, min distance = 2.082970
KS6A1_HUMAN	I	153999 Ru	PDPK1_HUMAN	F1	444345	1c	1OKY	2Z7R	1UU3	0.77	Sc=6.35226, min distance = 2.195038
KS6A1_HUMAN	I	15602982	KAPCA_BOVIN	F1	444345	1c	1STC	2Z7R	2UW6		Sc=6.05048, min distance = 2.356979
KS6A1_HUMAN	I	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	2Z7R	2OF4		Sc=6.34653, min distance = 2.524987
KS6A1_HUMAN	I	160355 rc	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	3DDQ		Sc=6.24644, min distance = 2.514230
KS6A1_HUMAN	I	16122608	PDPK1_HUMAN	F1	444345	1c	1OKY	2Z7R	2PE1		Sc=6.33798, min distance = 2.621018
KS6A1_HUMAN	I	16122643	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2YWP		Sc=6.26572, min distance = 2.224471
KS6A1_HUMAN	I	16214823	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2UZB		Sc=6.05636, min distance = 2.586772
KS6A1_HUMAN	I	16214826	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2UZL		Sc=6.1037, min distance = 2.5533027
KS6A1_HUMAN	I	16214827	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2UZN		Sc=6.04121, min distance = 2.802580
KS6A1_HUMAN	I	16214828	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2UZO		Sc=6.05533, min distance = 2.906150
KS6A1_HUMAN	I	16758227	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2R0U		Sc=6.53496, min distance = 2.413817
KS6A1_HUMAN	I	1707 1fvt	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1FVT		Sc=6.07396, min distance = 2.203953
KS6A1_HUMAN	I	17754396	PDPK1_HUMAN	F1	444345	1c	1OKY	2Z7R	2R7B		Sc=6.28624, min distance = 2.635582
KS6A1_HUMAN	I	1907917 2	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2CGW		Sc=6.14999, min distance = 2.743880
KS6A1_HUMAN	I	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2R3F		Sc=5.99006, min distance = 2.559728
KS6A1_HUMAN	I	23653516	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2R3G		Sc=6.19484, min distance = 2.786089
KS6A1_HUMAN	I	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2E9P		Sc=6.33058, min distance = 2.182483
KS6A1_HUMAN	I	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	3BHU		Sc=6.22391, min distance = 2.587300
KS6A1_HUMAN	I	2398 bis	PDPK1_HUMAN	F1	444345	1c	1OKY	2Z7R	1UU9		Sc=6.44318, min distance = 2.012827
KS6A1_HUMAN	I	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2QHM		Sc=6.036, min distance = 2.81025870

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KS6A1_HUMAN	1	24808489	IGF1R_HUMAN	Fu	91532	AMP	1K3A	2Z7Q	2ZM3		Sc=6.25807, min distance = 2.543117
KS6A1_HUMAN	1	24864081	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2VTS		Sc=6.28326, min distance = 2.471182
KS6A1_HUMAN	1	24905143	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2Z7R	2V4L		Sc=5.99096, min distance = 2.381876
KS6A1_HUMAN	1	24905144	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2Z7R	3ENE		Sc=6.06987, min distance = 2.138307
KS6A1_HUMAN	1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	3DOG		Sc=6.23222, min distance = 2.402421
KS6A1_HUMAN	1	33113	IRAK4_HUMAN	Fu	444345	1c	2NRY	2Z7R	2OID		Sc=5.95874, min distance = 2.299955
KS6A1_HUMAN	1	33113	PIM1_HUMAN	Fu	444345	1c	1YHS	2Z7R	1XR1		Sc=6.45126, min distance = 2.023242
KS6A1_HUMAN	1	3543	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1G5S		Sc=6.46292, min distance = 2.032229
KS6A1_HUMAN	1	3973	PIM1_HUMAN	Fu	444345	1c	1YHS	2Z7R	1YI3		Sc=5.85831, min distance = 2.555067
KS6A1_HUMAN	1	4369136	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1DM2		Sc=6.21087, min distance = 2.827981
KS6A1_HUMAN	1	440317	PKNB_MYCTU	Fu	91532	AMP	1O6Y	2Z7Q	1MRU	0.99	Sc=5.98969, min distance = 2.166884
KS6A1_HUMAN	1	443200	ACK1_HUMAN	Fu	91532	AMP	1U54	2Z7Q	1U4D		Sc=6.22629, min distance = 1.446538
KS6A1_HUMAN	1	444564	BIOD_ECOLI	Fu	91532	AMP	1DAG	2Z7Q	1BS1	0.91	Sc=5.95057, min distance = 2.482652
KS6A1_HUMAN	1	446048	PGK1_PIG	Full	91532	AMP	1KF0	2Z7Q	1HDI	0.97	Sc=6.16697, min distance = 2.090890
KS6A1_HUMAN	1	446704	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1KE6		Sc=6.22259, min distance = 2.270312
KS6A1_HUMAN	1	446795	SRC_HUMAN	Full	456214	pu	1YOM	2Z7S	1KSW	0.75	Sc=5.80688, min distance = 2.271208
KS6A1_HUMAN	1	447649	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1OI9		Sc=6.31777, min distance = 2.697021
KS6A1_HUMAN	1	447655	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1OIU		Sc=6.2457, min distance = 2.764709
KS6A1_HUMAN	1	447962	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2C5N		Sc=6.18984, min distance = 2.653758
KS6A1_HUMAN	1	448043	KAPCA_BOVIN	Fu	444345	1c	1STC	2Z7R	1Q8U		Sc=5.95463, min distance = 2.434500
KS6A1_HUMAN	1	448293	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1R78		Sc=6.40695, min distance = 2.459544
KS6A1_HUMAN	1	449240	KAPCA_BOVIN	Fu	444345	1c	1STC	2Z7R	1YDR		Sc=5.90464, min distance = 2.303922
KS6A1_HUMAN	1	4565	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1H1R		Sc=6.23002, min distance = 2.797181
KS6A1_HUMAN	1	4566	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1H1S		Sc=6.24245, min distance = 2.798310
KS6A1_HUMAN	1	5288708	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1KE5		Sc=6.08331, min distance = 2.221241
KS6A1_HUMAN	1	5288710	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1KE7		Sc=6.29789, min distance = 2.484122
KS6A1_HUMAN	1	5327121	PIM1_HUMAN	Fu	444345	1c	1YHS	2Z7R	2C3I		Sc=6.20376, min distance = 2.463246
KS6A1_HUMAN	1	5331010	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2BKZ		Sc=6.19523, min distance = 2.301027
KS6A1_HUMAN	1	5687	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1DI8		Sc=6.21962, min distance = 2.246135
KS6A1_HUMAN	1	5957	NIFH1_AZOVI	Fu	91532	AMP	2AFK	2Z7Q	2C8V	0.99	Sc=5.91362, min distance = 2.065512
KS6A1_HUMAN	1	6022	BIOD_ECOLI	Fu	91532	AMP	1DAG	2Z7Q	1DAD	0.99	Sc=5.83817, min distance = 2.343557
KS6A1_HUMAN	1	6022	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1GY3		Sc=6.38594, min distance = 2.035037
KS6A1_HUMAN	1	60961	PIM1_HUMAN	Fu	444345	1c	1YHS	2Z7R	1YI4		Sc=6.16886, min distance = 2.285566
KS6A1_HUMAN	1	6420139	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	2C5V		Sc=6.08331, min distance = 2.729872
KS6A1_HUMAN	1	6539118	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1FVV		Sc=6.39741, min distance = 2.189084
KS6A1_HUMAN	1	6540272	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2CGU		Sc=6.38236, min distance = 2.557835
KS6A1_HUMAN	1	6540273	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2CGV		Sc=6.12509, min distance = 2.231576

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KS6A1_HUMAN	1	656971	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	1Y8Y	Sc=5.97999, min distance = 2.96064
KS6A1_HUMAN	1	6852207	KAPCA_BOVIN	Fu	444345	1c	1STC	2Z7R	2GNI	Sc=5.9169, min distance = 2.313321
KS6A1_HUMAN	1	848641	CHK1_HUMAN	Fu	444345	1c	1NVR	2Z7R	2BRH	Sc=6.17973, min distance = 2.14655
KS6A1_HUMAN	1	9548003	KC1G3_HUMAN	Fu	456214	pu	2IZU	2Z7S	2IZT	0.9 Sc=5.86582, min distance = 2.79270
KS6A1_HUMAN	1	9817550	CDK2_HUMAN	Fu	444345	1c	1AQ1	2Z7R	3BHV	Sc=6.35579, min distance = 2.37880
KSYK_HUMAN	F1	11348631	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2E9U	Sc=6.32019, min distance = 2.22158
KSYK_HUMAN	F1	11553058	LCK_HUMAN	Fu	444345	1c	1QPD	1XBC	2OF2	Sc=6.29916, min distance = 2.45666
KSYK_HUMAN	F1	11957417	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2I40	Sc=6.30057, min distance = 2.40849
KSYK_HUMAN	F1	11986115	PIM1_HUMAN	Fu	444345	1c	1YHS	1XBC	2BZJ	Sc=6.27557, min distance = 2.35937
KSYK_HUMAN	F1	11992146	MAPK2_HUMAN	Fu	444345	1c	2PZY	1XBC	2P3G	Sc=6.30438, min distance = 2.07236
KSYK_HUMAN	F1	1540	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1H1Q	Sc=6.24016, min distance = 2.62481
KSYK_HUMAN	F1	15942652	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2DUV	Sc=6.30424, min distance = 2.26460
KSYK_HUMAN	F1	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	1XBC	2OF4	Sc=6.26802, min distance = 2.66020
KSYK_HUMAN	F1	16122608	PDPK1_HUMAN	Fu	444345	1c	1OKY	1XBC	2PE1	Sc=6.34141, min distance = 2.72482
KSYK_HUMAN	F1	16122643	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2YWP	Sc=6.33889, min distance = 2.18105
KSYK_HUMAN	F1	16214825	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2UZE	Sc=6.24634, min distance = 2.41404
KSYK_HUMAN	F1	16214827	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2UZN	Sc=6.08505, min distance = 2.11301
KSYK_HUMAN	F1	1907917	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2CGW	Sc=6.13917, min distance = 3.00948
KSYK_HUMAN	F1	23536770	LCK_HUMAN	Fu	444345	1c	1QPD	1XBC	3BYM	Sc=6.52309, min distance = 2.06837
KSYK_HUMAN	F1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2R3F	Sc=6.00907, min distance = 2.57320
KSYK_HUMAN	F1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2E9P	Sc=6.33601, min distance = 2.02803
KSYK_HUMAN	F1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	3BHU	Sc=6.2322, min distance = 2.397987
KSYK_HUMAN	F1	2396	PDPK1_HUMAN	Fu	444345	1c	1OKY	1XBC	1UU8	Sc=6.39224, min distance = 2.00487
KSYK_HUMAN	F1	2398	PDPK1_HUMAN	Fu	444345	1c	1OKY	1XBC	1UU9	Sc=6.44814, min distance = 2.22388
KSYK_HUMAN	F1	2403	PDPK1_HUMAN	Fu	444345	1c	1OKY	1XBC	1UVR	Sc=6.39117, min distance = 2.24926
KSYK_HUMAN	F1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2QHM	Sc=6.04983, min distance = 3.07184
KSYK_HUMAN	F1	24762195	KAPCA_BOVIN	Fu	444345	1c	1STC	1XBC	2VO0	Sc=6.27341, min distance = 2.22416
KSYK_HUMAN	F1	24905143	PK3CG_HUMAN	Fu	444345	1c	1E8Z	1XBC	2V4L	Sc=6.09899, min distance = 2.46089
KSYK_HUMAN	F1	24905144	PK3CG_HUMAN	Fu	444345	1c	1E8Z	1XBC	3ENE	Sc=6.08724, min distance = 2.48901
KSYK_HUMAN	F1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	3DOG	Sc=6.25872, min distance = 2.01403
KSYK_HUMAN	F1	25021197	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	3EOC	Sc=6.21508, min distance = 2.46777
KSYK_HUMAN	F1	4369136	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1DM2	Sc=6.23385, min distance = 2.96925
KSYK_HUMAN	F1	446704	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1KE6	Sc=6.25949, min distance = 2.41752
KSYK_HUMAN	F1	447962	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2C5N	Sc=6.22259, min distance = 2.16192
KSYK_HUMAN	F1	447967	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1PYE	Sc=6.34996, min distance = 2.37446
KSYK_HUMAN	F1	448043	KAPCA_BOVIN	Fu	444345	1c	1STC	1XBC	1Q8U	Sc=5.95735, min distance = 2.84610
KSYK_HUMAN	F1	448293	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1R78	Sc=6.44386, min distance = 2.45603

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KSYK_HUMAN	F1	456214	pl	KS6A1_HUMAN	F1	444345	1c	2Z7R	1XBC	2Z7S			Sc=6.37104, min distance = 2.061319	
KSYK_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1H1R			Sc=6.2448, min distance = 2.8363740	
KSYK_HUMAN	F1	5327123	1	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2C3L			Sc=6.14509, min distance = 2.443112	
KSYK_HUMAN	F1	5331010	d	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2BKZ			Sc=6.21011, min distance = 2.139230	
KSYK_HUMAN	F1	5687	1di8	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1DI8			Sc=6.23849, min distance = 2.594079	
KSYK_HUMAN	F1	6420138	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2UUE			Sc=6.33258, min distance = 1.856737	
KSYK_HUMAN	F1	6420139	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2C5V			Sc=6.20072, min distance = 2.468852	
KSYK_HUMAN	F1	6540273	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1XBC	2CGV			Sc=6.17225, min distance = 2.245324	
KSYK_HUMAN	F1	6852201	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	2G9X			Sc=6.49108, min distance = 1.786956	
KSYK_HUMAN	F1	6852207	M	KAPCA_BOVIN	F1	444345	1c	1STC	1XBC	2GNI			Sc=5.90625, min distance = 2.570854	
KSYK_HUMAN	F1	72271	7-H	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	1PKD		0.91	Sc=6.44344, min distance = 2.423806	
KSYK_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu	444345	1c	1AQ1	1XBC	3BHV			Sc=6.33168, min distance = 2.149166	
KTHY2_SULTO	I	10918	Car	OCTC_MOUSE	Fu	23831	HEP	1XL7	2PLR	1XL8			Sc=5.80476, min distance = 0.879510	
KTHY_HUMAN	F1	1855	CID1	KITH_HHV11	Fu	6022	Aden	2VTK	1NN3	1E2P			Sc=6.10978, min distance = 2.150419	
KTHY_HUMAN	F1	1865	6-hy	KITH_HHV11	Fu	9700	thyr	1VTK	1E2F	1E2M			Sc=6.01982, min distance = 2.653944	
KTHY_HUMAN	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1E2Q	1Q8W			Sc=5.87289, min distance = 2.095172	
KTHY_HUMAN	F1	444320	2	TYSY_ECOLI	Fu	9700	thyr	1TYS	1E2F	1AOB		0.81	Sc=5.99243, min distance = 2.290870	
KTHY_HUMAN	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1NN3	1W9I		0.91	Sc=5.77812, min distance = 2.380530	
KTHY_HUMAN	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NN3	1CKP			Sc=5.60554, min distance = 2.806189	
KTHY_HUMAN	F1	445154	re	ATPA1_BOVIN	F1	6022	Aden	2CK3	1NN3	2JIZ			Sc=5.88046, min distance = 2.608789	
KTHY_HUMAN	F1	445210	9-	KITH_HHV11	Fu	9700	thyr	1VTK	1E2F	1E2I			Sc=6.03026, min distance = 2.332382	
KTHY_HUMAN	F1	445213	HY	KITH_HHV11	Fu	9700	thyr	1VTK	1E2F	1E2N			Sc=6.43425, min distance = 2.186967	
KTHY_HUMAN	F1	446725	BV	KITH_HHV11	Fu	6022	Aden	2VTK	1NN3	1KI4			Sc=6.30572, min distance = 2.060769	
KTHY_HUMAN	F1	446727	Br	KITH_HHV11	Fu	6022	Aden	2VTK	1NN3	1KI8			Sc=6.20803, min distance = 2.138350	
KTHY_HUMAN	F1	447004	CI	MYS2_DICDI	Fu	33113	gar	1MMN	1NN5	1LVK			Sc=5.8328, min distance = 2.2246340	
KTHY_HUMAN	F1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	1NN3	1LVK			Sc=5.73324, min distance = 2.252824	
KTHY_HUMAN	F1	447206	1n	KTHY_MYCTU	Fu	445269	CI	1W2H	1E9B	1MRS		32.24	0.81	Sc=6.37713, min distance = 2.322280
KTHY_HUMAN	F1	447206	1n	KTHY_MYCTU	Fu	9700	thyr	1GTV	1E2F	1MRS		32.24	0.95	Sc=6.3457, min distance = 2.0213910
KTHY_HUMAN	F1	447628	[	KITH_HHV11	Fu	9700	thyr	1VTK	1E2F	1OF1			Sc=6.24382, min distance = 2.437956
KTHY_HUMAN	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	1NN5	2ETR			Sc=6.14509, min distance = 2.465290	
KTHY_HUMAN	F1	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	1NN5	3D9V			Sc=6.00229, min distance = 1.884119	
KTHY_HUMAN	F1	449489	Id	KITH_HHV11	Fu	9700	thyr	1VTK	1E2F	3VTK			0.91	Sc=6.23776, min distance = 2.371149
KTHY_HUMAN	F1	5789	thyr	KTHY_MYCTU	Fu	164628	de	1GTV	1E2G	1W2G		32.24	0.9	Sc=6.18118, min distance = 2.440719
KTHY_HUMAN	F1	5789	thyr	KTHY_MYCTU	Fu	445269	CI	1W2H	1E9B	1W2G		32.24	0.8	Sc=6.1822, min distance = 2.4497600
KTHY_HUMAN	F1	5789	thyr	KTHY_MYCTU	Fu	9700	thyr	1GTV	1E2F	1W2G		32.24	0.92	Sc=6.16543, min distance = 2.738117
KTHY_HUMAN	F1	5789	thyr	Q9HU22_PSEAE	I	9700	thyr	1FXO	1E2F	1G0R			0.92	Sc=6.18422, min distance = 2.516169
KTHY_HUMAN	F1	5789	thyr	RMLA1_ECOLI	F1	164628	de	1H5T	1E2G	1H5R			0.9	Sc=6.24331, min distance = 1.451110

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KTHY_HUMAN	F1	5905 idox	KITH_HHV11	Fu	6022 Aden	2VTK	1NN3	1KI7			Sc=6.09473, min distance = 2.09126
KTHY_HUMAN	F1	6031 Urid	ECX1_PYRAB	Fu	6022 Aden	2PO0	1NN3	2PNZ			Sc=5.91313, min distance = 2.24246
KTHY_MYCTU	F1	13711 dec	DNK_DROME	Fu	5789 thyr	1OT3	1W2G	2VP5			Sc=6.12596, min distance = 2.70268
KTHY_MYCTU	F1	13712 dec	TYSY_ECOLI	Fu	9700 thyr	1TYS	1GTV	1BDU	0.83		Sc=6.11535, min distance = 2.31022
KTHY_MYCTU	F1	16122607	PDPK1_HUMAN	F1	5957 Aden	2BIY	1N5I	2PE0			Sc=5.94918, min distance = 2.12516
KTHY_MYCTU	F1	16122608	PDPK1_HUMAN	F1	5957 Aden	2BIY	1N5I	2PE1			Sc=6.14065, min distance = 2.11249
KTHY_MYCTU	F1	162501 Ar	KTHY_HUMAN	Fu	164628 de	1E2G	1GTV	1NMZ	32.24	0.86	Sc=6.34436, min distance = 2.29038
KTHY_MYCTU	F1	165151 dc	KTHY_HUMAN	Fu	164628 de	1E2G	1GTV	1NN5	32.24	0.9	Sc=6.28507, min distance = 2.06808
KTHY_MYCTU	F1	17754396	PDPK1_HUMAN	F1	5957 Aden	2BIY	1N5I	2R7B			Sc=6.13618, min distance = 2.01532
KTHY_MYCTU	F1	1855 CID1	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1E2P			Sc=6.18405, min distance = 2.42992
KTHY_MYCTU	F1	1855 CID1	KITH_HHV11	Fu	9700 thyr	1VTK	1GTV	1E2P			Sc=6.19122, min distance = 2.17503
KTHY_MYCTU	F1	1865 6-hy	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1E2M			Sc=6.04967, min distance = 2.64873
KTHY_MYCTU	F1	1865 6-hy	KITH_HHV11	Fu	9700 thyr	1VTK	1GTV	1E2M			Sc=6.06449, min distance = 2.56944
KTHY_MYCTU	F1	3454 gand	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1KI2			Sc=6.2737, min distance = 1.748570
KTHY_MYCTU	F1	444320 2	TYSY_ECOLI	Fu	9700 thyr	1TYS	1GTV	1AOB	0.81		Sc=6.03303, min distance = 2.27236
KTHY_MYCTU	F1	445210 9-	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1E2I			Sc=6.07467, min distance = 2.06122
KTHY_MYCTU	F1	445211 9-	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1E2I			Sc=6.07373, min distance = 2.00656
KTHY_MYCTU	F1	445213 HY	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1E2N			Sc=5.98278, min distance = 2.29790
KTHY_MYCTU	F1	445213 HY	KITH_HHV11	Fu	9700 thyr	1VTK	1GTV	1E2N			Sc=6.45341, min distance = 2.02276
KTHY_MYCTU	F1	446726 AI	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1KI6	0.77		Sc=6.2192, min distance = 2.679887
KTHY_MYCTU	F1	447628 [	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	1OF1			Sc=6.27206, min distance = 2.74988
KTHY_MYCTU	F1	447628 [	KITH_HHV11	Fu	9700 thyr	1VTK	1GTV	1OF1			Sc=6.26863, min distance = 2.46741
KTHY_MYCTU	F1	448782 CI	TYSY_ECOLI	Fu	9700 thyr	1TYS	1GTV	1TSN	0.79		Sc=6.27134, min distance = 2.68953
KTHY_MYCTU	F1	449489 Id	KITH_HHV11	Fu	5789 thyr	1P7C	1W2G	3VTK	0.84		Sc=6.26337, min distance = 2.24243
KTHY_MYCTU	F1	449489 Id	KITH_HHV11	Fu	9700 thyr	1VTK	1GTV	3VTK	0.91		Sc=6.26337, min distance = 2.73918
KTHY_MYCTU	F1	514815 BE	DNK_DROME	Fu	5789 thyr	1OT3	1W2G	2VQS	0.9		Sc=6.27218, min distance = 2.16533
KTHY_MYCTU	F1	51 2-Oxog	SERA_ECOLI	Fu	311 citri	2P9E	1N5I	1YBA	0.76		Sc=5.67557, min distance = 1.54327
KTHY_MYCTU	F1	65059 Dec	TYSY_ECOLI	Fu	9700 thyr	1TYS	1GTV	1TLC			Sc=6.38744, min distance = 1.81315
KTHY_STAAM	F1	1855 CID1	KITH_HHV11	Fu	9700 thyr	1VTK	2CCJ	1E2P			Sc=6.06022, min distance = 2.28746
KTHY_STAAM	F1	445210 9-	KITH_HHV11	Fu	9700 thyr	1VTK	2CCJ	1E2I			Sc=5.99137, min distance = 0
KTHY_STAAM	F1	445213 HY	KITH_HHV11	Fu	9700 thyr	1VTK	2CCJ	1E2N			Sc=6.01654, min distance = 2.04577
KTHY_STAAM	F1	445269 CI	KTHY_YEAST	Fu	9700 thyr	1TMK	2CCJ	2TMK	0.85		Sc=5.90304, min distance = 2.37237
KTHY_STAAM	F1	448782 CI	TYSY_ECOLI	Fu	9700 thyr	1TYS	2CCJ	1TSN	0.79		Sc=6.16952, min distance = 2.18284
KTHY_STAAM	F1	449489 Id	KITH_HHV11	Fu	9700 thyr	1VTK	2CCJ	3VTK	0.91		Sc=5.8031, min distance = 2.74179
KTHY_STAAM	F1	5789 thyr	RMLA1_ECOLI	F1	9700 thyr	1H5S	2CCJ	1H5R	0.92		Sc=6.15533, min distance = 1.39110
KTHY_YEAST	F1	12599 dAM	YFBR_ECOLI	Fu	9700 thyr	2PAR	1TMK	2PAU			Sc=6.40693, min distance = 2.35699
KTHY_YEAST	F1	13712 dec	TYSY_ECOLI	Fu	9700 thyr	1TYS	1TMK	1BDU	0.83		Sc=6.12799, min distance = 2.01567

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KTHY_YEAST	F1	164628	de	KTHY_MYCTU	Fu	445269	CI	1W2H	2TMK	1GTV	0.83	Sc=6.40987, min distance = 2.24102
KTHY_YEAST	F1	1855	CID1	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	1E2P		Sc=6.19713, min distance = 2.06936
KTHY_YEAST	F1	1865	6-hy	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	1E2M		Sc=6.05766, min distance = 2.22968
KTHY_YEAST	F1	445211	9-	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	1E2I		Sc=6.06814, min distance = 0
KTHY_YEAST	F1	445213	HY	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	1E2N		Sc=6.47353, min distance = 1.87998
KTHY_YEAST	F1	446727	Br	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	1KI8	0.83	Sc=6.28088, min distance = 2.06178
KTHY_YEAST	F1	447628	[	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	1OF1		Sc=6.27852, min distance = 2.46067
KTHY_YEAST	F1	448782	CI	TYSY_ECOLI	Fu	9700	thyr	1TYS	1TMK	1TSN	0.79	Sc=6.28658, min distance = 2.39892
KTHY_YEAST	F1	449489	Id	KITH_HHV11	Fu	9700	thyr	1VTK	1TMK	3VTK	0.91	Sc=6.28439, min distance = 2.57111
KTHY_YEAST	F1	5789	thyr	KTHY_MYCTU	Fu	445269	CI	1W2H	2TMK	1W2G	0.8	Sc=6.20371, min distance = 2.38192
KTHY_YEAST	F1	5789	thyr	KTHY_MYCTU	Fu	9700	thyr	1GTV	1TMK	1W2G	0.92	Sc=6.20659, min distance = 2.67308
KTRA_BACSU	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	2UVY		Sc=6.25284, min distance = 2.18969
KTRA_BACSU	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	2VNW		Sc=6.14216, min distance = 2.46115
KTRA_BACSU	F1	16122632		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	2UVZ		Sc=6.37158, min distance = 1.94796
KTRA_BACSU	F1	16122635		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	2UW8		Sc=5.80043, min distance = 2.10369
KTRA_BACSU	F1	24762195		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	2VO0		Sc=6.3051, min distance = 2.440312
KTRA_BACSU	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	1YDS		Sc=5.93725, min distance = 2.20824
KTRA_BACSU	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HMW	1Q8W		Sc=5.98692, min distance = 2.35939
KTRA_BACSU	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	2HMW	2JA3	0.99	Sc=6.43822, min distance = 1.21650
KTRA_BACSU	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2HMW	1OH7	0.99	Sc=6.37067, min distance = 2.14645
KTRA_BACSU	F1	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	2HMW	2YZL	0.99	Sc=5.95402, min distance = 2.05496
KTRA_BACSU	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	2HMW	2VT2	0.99	Sc=5.97404, min distance = 1.76618
LAC1_MELAO	F1	24139	ace	Q9HYN5_PSEAE	I	439680	be	1OUR	2Q90	1W8F		Sc=5.9442, min distance = 2.056002
LACB_BOVIN	F1	14253	Cet	FABP4_MOUSE	F1	985	palmi	1LIE	1GXA	1LIC		Sc=5.61978, min distance = 2.04939
LACB_BOVIN	F1	5280934	1	NLTP_MAIZE	Fu	985	palmi	1MZM	1GXA	1FK6	0.75	Sc=5.91714, min distance = 2.49892
LACC_ENTFA	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	2UVY		Sc=6.19023, min distance = 2.43228
LACC_ENTFA	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	2VNW		Sc=6.08661, min distance = 2.16007
LACC_ENTFA	F1	129236	2c	CKI1_SCHPO	Fu	5957	Aden	1CSN	2F02	2CSN		Sc=5.78163, min distance = 2.38852
LACC_ENTFA	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	2F02	2PE0		Sc=6.12197, min distance = 1.84288
LACC_ENTFA	F1	16122608		PDPK1_HUMAN	F1	5957	Aden	2BIY	2F02	2PE1		Sc=6.20571, min distance = 2.18731
LACC_ENTFA	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	1YDS		Sc=5.86216, min distance = 2.34443
LACC_ENTFA	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	1Q8W		Sc=5.93439, min distance = 2.25403
LACC_ENTFA	F1	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	2F02	1KJJ	0.99	Sc=6.42789, min distance = 2.38780
LACC_ENTFA	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2F02	1BS1	0.91	Sc=6.37677, min distance = 2.06417
LACC_ENTFA	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2F02	1COW	0.91	Sc=6.44038, min distance = 2.26535
LACC_ENTFA	F1	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	2F02	1LVK		Sc=6.45752, min distance = 0
LACC_ENTFA	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	2F02	1PHK		Sc=5.97251, min distance = 1.98329

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LACC_ENTFA	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	2F02	1ZTF	0.94	Sc=6.19177, min distance = 2.665374
LACC_ENTFA	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	1Q8T		Sc=6.14361, min distance = 2.135526
LACC_ENTFA	F1	448043	2c	KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	1Q8U		Sc=6.0168, min distance = 2.083004
LACC_ENTFA	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2F02	1YDR		Sc=5.92108, min distance = 2.006755
LACC_ENTFA	F1	6022	Ader	ACT1_DROME	Fu	5957	Aden	2HF4	2F02	2HF3	0.99	Sc=5.92216, min distance = 2.346039
LACC_ENTFA	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	2F02	1IHU	0.99	Sc=6.34631, min distance = 2.091557
LACC_ENTFA	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	2F02	1DAD	0.99	Sc=6.36505, min distance = 1.987183
LACC_ENTFA	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	2F02	2JA3	0.99	Sc=6.39849, min distance = 1.342466
LACC_ENTFA	F1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	2F02	2ZDH	0.99	Sc=6.40442, min distance = 2.084623
LACC_ENTFA	F1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	2F02	1MP8	0.99	Sc=6.39251, min distance = 1.703254
LACC_ENTFA	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	2F02	3C7N	0.99	Sc=6.38281, min distance = 1.915563
LACC_ENTFA	F1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	2F02	1NN3	0.99	Sc=6.35803, min distance = 2.247713
LACC_ENTFA	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2F02	1OH7	0.99	Sc=6.35154, min distance = 2.490649
LACC_ENTFA	F1	6022	Ader	PPCK_ECOLI	Fu	5957	Aden	2OLR	2F02	1K3C	0.99	Sc=6.34405, min distance = 2.263956
LACC_ENTFA	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	2F02	2BEJ	0.99	Sc=6.36326, min distance = 2.327409
LACC_ENTFA	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	2F02	2VT2	0.99	Sc=6.39142, min distance = 0.967292
LACC_ENTFA	F1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	2F02	3C4Z	0.99	Sc=6.37067, min distance = 2.441133
LACC_ENTFA	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2F02	2J9D	0.99	Sc=6.38867, min distance = 1.895759
LACC_ENTFA	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2F02	2V8Q	0.98	Sc=6.32842, min distance = 2.096022
LACC_ENTFA	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	2F02	2R85	0.98	Sc=6.32743, min distance = 2.310709
LACC_ENTFA	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2F02	2J9D	0.98	Sc=6.31254, min distance = 2.068449
LACC_ENTFA	F1	60961	ade	SYQ_ECOLI	Fu	5957	Aden	1GTR	2F02	100B	0.94	Sc=6.15065, min distance = 2.407796
LACC_ENTFA	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	2F02	2Q0E	0.8	Sc=5.98423, min distance = 1.714198
LACC_ENTFA	F1	91532	AME	AROK_MYCTU	Fu	5957	Aden	2IYW	2F02	1ZYU	0.99	Sc=5.96474, min distance = 2.435896
LACC_ENTFA	F1	91532	AME	PDXK_SHEEP	Fu	5957	Aden	1LHR	2F02	1RFT	0.99	Sc=6.43796, min distance = 2.670563
LACC_ENTFA	F1	91532	AME	PURP_METJA	Fu	5957	Aden	2R7L	2F02	2R7K	0.99	Sc=6.02685, min distance = 1.935438
LACC_STAA8	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1H1Q		Sc=6.27029, min distance = 1.365853
LACC_STAA8	F1	15993	dAT	PRIM_BPT7	Fu	33113	gar	1E0J	2JG1	1CR2	0.97	Sc=6.44104, min distance = 2.429559
LACC_STAA8	F1	160355	rc	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	3DDQ		Sc=6.45395, min distance = 1.424007
LACC_STAA8	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	2OXD		Sc=5.67768, min distance = 2.281944
LACC_STAA8	F1	1694	TBBt	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	1J91		Sc=5.6348, min distance = 2.0600548
LACC_STAA8	F1	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	2JG1	1G4A	0.97	Sc=6.41367, min distance = 2.114538
LACC_STAA8	F1	23653522		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	2R3N		Sc=6.37424, min distance = 2.025577
LACC_STAA8	F1	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	3BHT		Sc=5.94603, min distance = 2.803849
LACC_STAA8	F1	24756824		CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	3BE9		Sc=6.5088, min distance = 1.7191146
LACC_STAA8	F1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	2PVH		Sc=6.363, min distance = 1.78498659
LACC_STAA8	F1	24779677		CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	2PVL		Sc=6.41285, min distance = 2.101094

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LACC_STAA8	F1	24779678	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	2PVM		Sc=6.50809, min distance = 1.860670
LACC_STAA8	F1	24832037	PGK1_HUMAN	Fu	6022	Aden	2ZGV	2JGV	3C3C		Sc=5.78687, min distance = 2.061300
LACC_STAA8	F1	24864080	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	2VTR		Sc=5.9709, min distance = 1.3456930
LACC_STAA8	F1	25021197	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	3EOC		Sc=6.38992, min distance = 1.971650
LACC_STAA8	F1	30647778	ROCK1_HUMAN	F1	33113	gar	2V55	2JG1	2ETK		Sc=6.08885, min distance = 1.898920
LACC_STAA8	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2JG1	2ESM	Sc=5.98053, min distance = 2.479900
LACC_STAA8	F1	36735	Gpp	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	1DAY	0.8 Sc=6.05364, min distance = 2.165140
LACC_STAA8	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1E1X	Sc=6.23701, min distance = 1.487070
LACC_STAA8	F1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1DM2	Sc=6.12575, min distance = 2.443640
LACC_STAA8	F1	4369271	C	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	1M2P	Sc=6.32291, min distance = 2.134770
LACC_STAA8	F1	444345	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1AQ1	Sc=6.36104, min distance = 2.245390
LACC_STAA8	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2JGV	1BS1	0.91 Sc=6.33616, min distance = 2.053530
LACC_STAA8	F1	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	2JG1	1W9I	0.91 Sc=6.39535, min distance = 2.568180
LACC_STAA8	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2JGV	1W9I	0.91 Sc=6.39232, min distance = 2.261260
LACC_STAA8	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	2JGV	1COW	0.9 Sc=6.41135, min distance = 2.237450
LACC_STAA8	F1	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1GII	Sc=6.31622, min distance = 1.196930
LACC_STAA8	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1H0V	Sc=6.19103, min distance = 1.980020
LACC_STAA8	F1	447004	CI	MYS2_DICDI	Fu	33113	gar	1MMN	2JG1	1LVK	Sc=6.51284, min distance = 2.064770
LACC_STAA8	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1OI9	Sc=6.3631, min distance = 1.5523720
LACC_STAA8	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1OIU	Sc=6.23795, min distance = 1.658470
LACC_STAA8	F1	447766	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1P2A	Sc=6.28199, min distance = 2.148830
LACC_STAA8	F1	448005	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	2JGV	1Q3W	Sc=6.27833, min distance = 2.044210
LACC_STAA8	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2JG1	2ETR	Sc=6.15459, min distance = 1.905910
LACC_STAA8	F1	448310	CI	KIPN_BPT4	Fu	6022	Aden	1LTQ	2JGV	1RC8	Sc=5.86055, min distance = 2.074500
LACC_STAA8	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1H1R	Sc=6.27341, min distance = 1.865140
LACC_STAA8	F1	5281672	r	PIM1_HUMAN	Fu	33113	gar	1XR1	2JG1	2O63	Sc=6.41013, min distance = 1.902260
LACC_STAA8	F1	5287844	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2JGV	1UV5	Sc=6.26713, min distance = 2.338940
LACC_STAA8	F1	5288641	i	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1E9H	Sc=6.10665, min distance = 1.599810
LACC_STAA8	F1	5326739	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	2JGV	1Q41	Sc=6.28232, min distance = 1.314990
LACC_STAA8	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	1ZOE	Sc=5.74475, min distance = 2.060350
LACC_STAA8	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	1ZOG	Sc=5.66824, min distance = 2.049580
LACC_STAA8	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2JG1	1ZOH	Sc=5.6912, min distance = 2.0622470
LACC_STAA8	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2JGV	2ERZ	Sc=6.13569, min distance = 1.909470
LACC_STAA8	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2JGV	1A82	0.99 Sc=5.95286, min distance = 2.516350
LACC_STAA8	F1	5957	Ader	DDL_THET8	Fu	6022	Aden	2ZDH	2JGV	2ZDQ	0.99 Sc=6.42637, min distance = 2.137540
LACC_STAA8	F1	5957	Ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2JGV	2C96	0.99 Sc=6.42158, min distance = 2.478420
LACC_STAA8	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2JGV	3C4W	0.99 Sc=6.40327, min distance = 2.274070

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LACC_STAA8	F1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	2JGV	2ZIA			Sc=6.26962, min distance = 2.100659
LACC_STAA8	F1	6082103	2	HSP82_YEAST	Fu	6022	Aden	1AMW	2JGV	2BRC			Sc=6.33224, min distance = 2.042150
LACC_STAA8	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	2JG1	3CJ7	0.97		Sc=6.35183, min distance = 2.507796
LACC_STAA8	F1	6083	ader	PIM1_HUMAN	Fu	33113	gar	1XR1	2JG1	1YXU	0.97		Sc=6.3137, min distance = 2.0161562
LACC_STAA8	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	2JG1	1Q97	0.93		Sc=6.23717, min distance = 1.801497
LACC_STAA8	F1	6102784	Z	PSPF_ECOLI	Fu	6022	Aden	2C98	2JGV	2C99	0.99		Sc=6.43217, min distance = 2.233244
LACC_STAA8	F1	6338561	C	MYS2_DICDI	Fu	33113	gar	1MMN	2JG1	1D0X			Sc=6.1998, min distance = 2.2167310
LACC_STAA8	F1	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2JGV	1D0X			Sc=6.16509, min distance = 2.145719
LACC_STAA8	F1	6338563	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2JGV	1D0Z			Sc=6.18879, min distance = 2.252594
LACC_STAA8	F1	6338564	C	MYS2_DICDI	Fu	33113	gar	1MMN	2JG1	1D1A			Sc=5.84253, min distance = 2.121162
LACC_STAA8	F1	6338564	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2JGV	1D1A			Sc=6.27367, min distance = 1.542097
LACC_STAA8	F1	6338565	I	MYS2_DICDI	Fu	33113	gar	1MMN	2JG1	1D1B			Sc=5.90426, min distance = 2.060600
LACC_STAA8	F1	6338566	C	MYS2_DICDI	Fu	33113	gar	1MMN	2JG1	1D1C			Sc=6.23073, min distance = 2.065310
LACC_STAA8	F1	6420140	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	2C5Y			Sc=6.49774, min distance = 2.037662
LACC_STAA8	F1	6540255	C	DAPK1_HUMAN	Fu	33113	gar	1JKL	2JG1	1WVX			Sc=6.32694, min distance = 2.051968
LACC_STAA8	F1	657072	RY	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	2BHH			Sc=6.46666, min distance = 1.712586
LACC_STAA8	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2JGV	2DXF	0.8		Sc=5.86994, min distance = 2.209719
LACC_STAA8	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2JGV	1DAG	0.99		Sc=5.99702, min distance = 2.369310
LACC_STAA8	F1	91532	AME	F263_HUMAN	Fu	6022	Aden	2AXN	2JGV	2DWP	0.99		Sc=6.42852, min distance = 2.008424
LACC_STAA8	F1	91532	AME	PURP_METJA	Fu	6022	Aden	2R7N	2JGV	2R7K	0.99		Sc=5.99986, min distance = 1.335482
LACC_STAA8	F1	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	2JG1	1KJI	0.99		Sc=6.49905, min distance = 1.652809
LACC_STAA8	F1	9547890	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	1W8C			Sc=6.26575, min distance = 2.151410
LACC_STAA8	F1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	3BHV			Sc=6.27099, min distance = 1.738618
LACC_STAA8	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JGV	2R3H			Sc=6.15826, min distance = 1.148346
LAMB_ECOLI	F1	446000	CI	AMYP_PIG	Full	79025	alp	1HX0	1AF6	1JFH	0.83		Sc=5.66724, min distance = 2.284219
LAMB_ECOLI	F1	446465	CI	AMYP_PIG	Full	79025	alp	1HX0	1AF6	1JFH			Sc=5.7321, min distance = 2.2154769
LAMB_SALTY	F1	16741013		CARP_YEAST	Fu	64689	bet	1FQ4	2MPR	1FQ6			Sc=5.68635, min distance = 2.536266
LAMB_SALTY	F1	444809	TH	Q79G13_MYCTU	I	64689	bet	1UP0	2MPR	1UOZ	0.78		Sc=5.71526, min distance = 2.418339
LAMB_SALTY	F1	445037	D-	UGL_BACGL	Fu	64689	bet	2FV0	2MPR	2FV1			Sc=5.70029, min distance = 1.847410
LAMB_SALTY	F1	445237	1,	AMY1_HORVU	Fu	64689	bet	1RP9	2MPR	1P6W	0.77		Sc=5.71966, min distance = 2.113400
LAT_MYCTU	Fu	3080614	C	JHD3A_HUMAN	Fu	51	2-Oxop	2Q8C	2CJH	2OX0			Sc=5.64481, min distance = 2.332324
LCK_HUMAN	Fu	11175137		KAPCA_BOVIN	Fu	444345	1c	1STC	1QPD	2UW7	24.59		Sc=6.1003, min distance = 2.5158860
LCK_HUMAN	Fu	11387605		ABL1_HUMAN	Fu	5291	Imat	2HYY	2PL0	2E2B	48.48	0.9	Sc=6.70216, min distance = 1.833870
LCK_HUMAN	Fu	11992146		MAPK2_HUMAN	Fu	444345	1c	2PZY	1QPD	2P3G	26.63		Sc=6.16042, min distance = 2.169570
LCK_HUMAN	Fu	15942672		ABL1_MOUSE	Fu	5291	Imat	1OPJ	2PL0	2HZN	48.3		Sc=6.34013, min distance = 2.151560
LCK_HUMAN	Fu	16122608		PDPK1_HUMAN	Fu	444345	1c	1OKY	1QPD	2PE1	26.62		Sc=6.2569, min distance = 2.6200499
LCK_HUMAN	Fu	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	1QPD	2YWP	30.2		Sc=6.26572, min distance = 2.355250

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LCK_HUMAN	Fu: 16214823	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2UZB	28.39		Sc=6.03659, min distance = 2.999340
LCK_HUMAN	Fu: 16214825	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2UZE	28.39		Sc=6.21515, min distance = 3.347619
LCK_HUMAN	Fu: 16214826	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2UZL	28.39		Sc=6.10259, min distance = 2.765788
LCK_HUMAN	Fu: 16214827	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2UZN	28.39		Sc=6.02884, min distance = 2.801119
LCK_HUMAN	Fu: 1707	1fvt	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1FVT	28.39	Sc=6.04966, min distance = 2.756410
LCK_HUMAN	Fu: 23653515	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2R3F	28.39		Sc=5.90981, min distance = 2.082527
LCK_HUMAN	Fu: 23727982	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	3BHU	28.39		Sc=6.17847, min distance = 2.490794
LCK_HUMAN	Fu: 24851689	PIM1_HUMAN	Fu: 444345	1c	1YHS	1QPD	3CY2	34.33		Sc=5.99868, min distance = 2.606402
LCK_HUMAN	Fu: 24901723	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2W06	28.39		Sc=6.13076, min distance = 2.533219
LCK_HUMAN	Fu: 24905143	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	1QPD	2V4L			Sc=6.14591, min distance = 2.783999
LCK_HUMAN	Fu: 24905144	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	1QPD	3ENE			Sc=6.14761, min distance = 2.689298
LCK_HUMAN	Fu: 24905153	SRC_CHICK	Fu: 5291	Imat	2OIQ	2PL0	3EN5	67.17		Sc=6.15371, min distance = 2.165322
LCK_HUMAN	Fu: 24916751	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	3DOG	28.39		Sc=6.29939, min distance = 2.250050
LCK_HUMAN	Fu: 25011744	SRC_CHICK	Fu: 5291	Imat	2OIQ	2PL0	3EL7	67.17		Sc=6.58102, min distance = 2.194126
LCK_HUMAN	Fu: 25011745	SRC_CHICK	Fu: 5291	Imat	2OIQ	2PL0	3EL8	67.17		Sc=6.53966, min distance = 2.501201
LCK_HUMAN	Fu: 25021197	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	3EOC	28.39		Sc=6.17965, min distance = 2.690581
LCK_HUMAN	Fu: 3973	nche	PIM1_HUMAN	Fu: 444345	1c	1YHS	1QPD	1YI3	34.33	Sc=5.77616, min distance = 2.561620
LCK_HUMAN	Fu: 4327	CID4	ABL1_MOUSE	Fu: 5291	Imat	1OPJ	2PL0	1FPU	48.3	0.93 Sc=6.53574, min distance = 2.347738
LCK_HUMAN	Fu: 4369136	Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1DM2	28.39	Sc=6.14531, min distance = 2.975289
LCK_HUMAN	Fu: 445966	O6	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1H0V	28.39	Sc=6.05197, min distance = 2.770126
LCK_HUMAN	Fu: 446704	LS	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1KE6	28.39	Sc=6.27685, min distance = 2.516611
LCK_HUMAN	Fu: 447654	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1OIT	28.39	Sc=6.10119, min distance = 2.624959
LCK_HUMAN	Fu: 447967	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1PYE	28.39	Sc=6.29892, min distance = 2.894329
LCK_HUMAN	Fu: 448043	2g	KAPCA_BOVIN	Fu: 444345	1c	1STC	1QPD	1Q8U	24.59	Sc=5.94415, min distance = 2.703298
LCK_HUMAN	Fu: 449087	1v	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1VYW	28.39	Sc=6.2448, min distance = 2.171908
LCK_HUMAN	Fu: 456214	pu	KS6A1_HUMAN	Fu: 444345	1c	2Z7R	1QPD	2Z7S		Sc=6.36686, min distance = 2.068087
LCK_HUMAN	Fu: 5281680	Q	PIM1_HUMAN	Fu: 444345	1c	1YHS	1QPD	2O64	34.33	Sc=6.36523, min distance = 2.798498
LCK_HUMAN	Fu: 5287845	N	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2BHE	28.39	Sc=6.13713, min distance = 2.482109
LCK_HUMAN	Fu: 5288641	i	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1E9H	28.39	Sc=6.20471, min distance = 2.600071
LCK_HUMAN	Fu: 5288708	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1KE5	28.39	Sc=6.06808, min distance = 2.621024
LCK_HUMAN	Fu: 5288710	Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1KE7	28.39	Sc=6.28584, min distance = 2.572097
LCK_HUMAN	Fu: 5288712	1	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1KE9	28.39	Sc=6.24811, min distance = 2.784998
LCK_HUMAN	Fu: 5311104	2	ABL1_HUMAN	Fu: 5291	Imat	2HYY	2PL0	2HZI	48.48	0.76 Sc=6.26096, min distance = 2.001941
LCK_HUMAN	Fu: 5331010	Q	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2BKZ	28.39	Sc=6.17309, min distance = 2.559859
LCK_HUMAN	Fu: 5687	1di8	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1DI8	28.39	Sc=6.11253, min distance = 2.665500
LCK_HUMAN	Fu: 60961	ade	PIM1_HUMAN	Fu: 444345	1c	1YHS	1QPD	1YI4	34.33	Sc=6.12246, min distance = 2.547641
LCK_HUMAN	Fu: 6102670		CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1YKR	28.39	Sc=6.21387, min distance = 2.230521

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LCK_HUMAN	Fu: 6420138	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2UUE	28.39		Sc=6.20376, min distance = 2.714095
LCK_HUMAN	Fu: 6420139	C	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	2C5V	28.39		Sc=6.07124, min distance = 2.653102
LCK_HUMAN	Fu: 644241	Ni	ABL1_HUMAN	Fu: 5291	Imat	2HYY	2PL0	3CS9	48.48	0.9	Sc=6.68482, min distance = 2.391795
LCK_HUMAN	Fu: 6539118	g	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1FVV	28.39		Sc=6.39429, min distance = 2.728354
LCK_HUMAN	Fu: 656971	CI	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	1Y8Y	28.39		Sc=5.87547, min distance = 2.403144
LCK_HUMAN	Fu: 6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	1QPD	2GNI	24.59		Sc=5.91836, min distance = 2.445894
LCK_HUMAN	Fu: 9817550	V	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1QPD	3BHV	28.39		Sc=6.22995, min distance = 2.291694
LCMT1_YEAST	I 16741210		MTTA_THEAQ	Fu: 439155	Ad	1AQI	2OB2	2JG3			Sc=6.49547, min distance = 1.563614
LCMT1_YEAST	I 188380	Ad	MCES_ENCCU	Fu: 439155	Ad	1RI1	2OB2	1Z3C	0.91		Sc=6.59563, min distance = 2.392394
LCMT1_YEAST	I 445762	5	MTTA_THEAQ	Fu: 34756	Acy	2ADM	1RJD	2IH2	0.93		Sc=6.40321, min distance = 1.964055
LCMT1_YEAST	I 445971	CI	COMT_RAT	Full: 34756	Acy	2CL5	1RJD	1H1D	0.92		Sc=6.57247, min distance = 2.352785
LCMT1_YEAST	I 446535	CI	HNMT_HUMAN	Fu: 439155	Ad	2AOT	2OB2	1JQE	0.95		Sc=6.5443, min distance = 2.4927575
LCMT1_YEAST	I 60961	ade	PIMT_PYRFU	Fu: 439155	Ad	1JG1	2OB2	1JG2	0.84		Sc=6.32806, min distance = 2.498415
LCMT1_YEAST	I 65482	sir	ERM_BACSU	Full: 439155	Ad	1QAN	2OB2	1QAQ	0.88		Sc=6.57983, min distance = 2.381425
LDH2_BIFLO	Fu: 11987786		LDH_PLAFD	Full: 5893	nadi	1T2D	1LLD	1T2E	0.77		Sc=6.27681, min distance = 2.379006
LDH2_BIFLO	Fu: 16129587		G3PA_SPIOL	Fu: 5893	nadi	1NBO	1LLD	2PKR			Sc=6.77501, min distance = 0.794625
LDH2_BIFLO	Fu: 165230	1a	G6PD_LEUME	Fu: 5893	nadi	1H94	1LLD	2DPG			Sc=5.97148, min distance = 1.783842
LDH2_BIFLO	Fu: 439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1LLD	1DEH	0.79		Sc=6.72624, min distance = 2.298825
LDH2_BIFLO	Fu: 439153	Di	CTBP1_RAT	Full: 5893	nadi	1HKU	1LLD	1HL3	0.79		Sc=6.73313, min distance = 2.582365
LDH2_BIFLO	Fu: 440141	9i	G6PD_LEUME	Fu: 5893	nadi	1H94	1LLD	1E7Y			Sc=6.3806, min distance = 2.2259620
LDH2_BIFLO	Fu: 440516	CI	MDH_THETH	Full: 5893	nadi	1BMD	1LLD	1BDM	0.79		Sc=6.7371, min distance = 2.3895405
LDH2_BIFLO	Fu: 445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1LLD	2FZE			Sc=6.57547, min distance = 2.487415
LDH2_BIFLO	Fu: 446288	NA	G3P_PALVE	Full: 5893	nadi	1DSS	1LLD	1IHX			Sc=6.79354, min distance = 0.910065
LDH2_BIFLO	Fu: 6083	ader	NADE_ECOLI	Fu: 5893	nadi	1WXH	1LLD	1WXI			Sc=6.31141, min distance = 1.206955
LDHA_HUMAN	Fu: 11987786		LDH_PLAFD	Full: 5893	nadi	1T2D	1I10	1T2E	0.77		Sc=6.31435, min distance = 2.532125
LDHA_HUMAN	Fu: 439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	1I10	2JHF	0.79		Sc=6.76564, min distance = 2.457414
LDHA_HUMAN	Fu: 439153	Di	CTBP1_RAT	Full: 5893	nadi	1HKU	1I10	1HL3	0.79		Sc=6.77299, min distance = 1.976084
LDHA_HUMAN	Fu: 445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1I10	2FZE			Sc=6.62023, min distance = 2.539470
LDHA_HUMAN	Fu: 445794	AD	G3P_PALVE	Full: 5893	nadi	1DSS	1I10	1IHY			Sc=6.6649, min distance = 1.1609345
LDHA_HUMAN	Fu: 5957	Ader	MAOM_HUMAN	Fu: 5893	nadi	1PJ3	1I10	1GZ4			Sc=6.45189, min distance = 1.879958
LDHA_PIG	Full: 11987786		LDH_PLAFD	Full: 5893	nadi	1T2D	9LDB	1T2E	32.47	0.77	Sc=6.75916, min distance = 2.507234
LDHA_PIG	Full: 123927	A3	Q9GT92_CRYPV	I 5893	nadi	2FM3	9LDB	2EWD	31.25	0.97	Sc=6.77011, min distance = 2.494724
LDHA_PIG	Full: 439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	9LDB	1DEH	0.79		Sc=6.76491, min distance = 2.448085
LDHA_PIG	Full: 439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	9LDB	2JHF	0.79		Sc=6.75642, min distance = 2.636994
LDHA_PIG	Full: 439153	Di	GALE_ECOLI	Fu: 5893	nadi	1UDC	9LDB	1UDB	0.79		Sc=6.76739, min distance = 1.985805
LDHA_PIG	Full: 446288	NA	G3P_PALVE	Full: 5893	nadi	1DSS	9LDB	1IHX			Sc=6.75528, min distance = 1.568455
LDHA_PIG	Full: 6102709	A	LDH_PLAFD	Full: 5893	nadi	1T2D	9LDB	2A94	32.47	0.88	Sc=6.75628, min distance = 2.412030

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LDHA_PIG Ful:	6102710 A	Q4PRK9_PLAVI	1	5893	nadi	2A92	9LDB	2AA3	0.95	Sc=6.76901, min distance = 2.40627
LDHA_SQUAC F:	123927 A3	DAPB_ECOLI Fu:	5893	nadi	1DRU	1LDM	1DRV	0.97	Sc=6.76003, min distance = 2.30257	
LDHA_SQUAC F:	123927 A3	Q9GT92_CRYPV	1	5893	nadi	2FM3	1LDM	2EWD	0.97	Sc=6.75911, min distance = 2.72747
LDHA_SQUAC F:	439153 Di	ADH1B_HUMAN F:	5893	nadi	1U3U	1LDM	1DEH	0.79	Sc=6.75682, min distance = 2.72618	
LDHA_SQUAC F:	439153 Di	ADH1E_HORSE F:	5893	nadi	1MGO	1LDM	2JHF	0.79	Sc=6.75388, min distance = 2.62696	
LDHA_SQUAC F:	439153 Di	GALE_ECOLI Fu:	5893	nadi	1UDC	1LDM	1UDB	0.79	Sc=6.76187, min distance = 2.04198	
LDHA_SQUAC F:	440516 CI	MDH_THETH Ful:	5893	nadi	1BMD	1LDM	1BDM	0.79	Sc=6.76946, min distance = 2.51632	
LDHA_SQUAC F:	445794 AD	ADHX_HUMAN Fu:	5893	nadi	2FZW	1LDM	2FZE		Sc=6.60546, min distance = 2.48022	
LDHA_SQUAC F:	448573 FI	CASP7_HUMAN F:	311	citri	2QL9	8LDH	1SHL		Sc=5.92755, min distance = 0.23559	
LDHA_SQUAC F:	51 2-Oxop	SERA_ECOLI Fu:	311	citri	2P9E	8LDH	1YBA	0.76	Sc=5.86551, min distance = 1.00069	
LDHA_SQUAC F:	6102710 A	Q4PRK9_PLAVI	1	5893	nadi	2A92	1LDM	2AA3	0.95	Sc=6.76678, min distance = 2.44582
LDHB_HUMAN F:	11987786	LDH_PLAFD Ful:	5893	nadi	1T2D	1I0Z	1T2E	0.77	Sc=6.32424, min distance = 2.41601	
LDHB_HUMAN F:	123927 A3	DAPB_ECOLI Fu:	5893	nadi	1DRU	1I0Z	1DRV	0.97	Sc=6.75037, min distance = 2.23318	
LDHB_HUMAN F:	439153 Di	ADH1E_HORSE F:	5893	nadi	1MGO	1I0Z	2JHF	0.79	Sc=6.75388, min distance = 2.52771	
LDHB_HUMAN F:	439153 Di	CTBP1_RAT Ful:	5893	nadi	1HKU	1I0Z	1HL3	0.79	Sc=6.76165, min distance = 2.11209	
LDHB_HUMAN F:	440516 CI	MDH_THETH Ful:	5893	nadi	1BMD	1I0Z	1BDM	0.79	Sc=6.77407, min distance = 2.59638	
LDHB_HUMAN F:	445794 AD	ADHX_HUMAN Fu:	5893	nadi	2FZW	1I0Z	2FZE		Sc=6.61107, min distance = 2.49011	
LDHB_HUMAN F:	5957 Ader	MAOM_HUMAN Fu:	5893	nadi	1PJ3	1I0Z	1GZ4		Sc=6.43911, min distance = 2.08475	
LDHB_HUMAN F:	6083 ader	NADE_ECOLI Fu:	5893	nadi	1WXH	1I0Z	1WXI		Sc=6.29257, min distance = 2.06229	
LDHD_LACDA F:	11987786	LDH_PLAFD Ful:	5893	nadi	1T2D	1J49	1T2E	0.77	Sc=6.3231, min distance = 2.32082	
LDHD_LACDA F:	439153 Di	ADH1B_HUMAN F:	5893	nadi	1U3U	1J49	1DEH	0.79	Sc=6.33161, min distance = 2.02904	
LDHD_LACDA F:	439153 Di	ADH1E_HORSE F:	5893	nadi	1MGO	1J49	2JHF	0.79	Sc=6.32493, min distance = 1.94251	
LDHD_LACDA F:	439153 Di	CTBP1_RAT Ful:	5893	nadi	1HKU	1J49	1HL3	0.79	Sc=6.31911, min distance = 2.03832	
LDHD_LACDA F:	445794 AD	ADHX_HUMAN Fu:	5893	nadi	2FZW	1J49	2FZE		Sc=6.17004, min distance = 0.97633	
LDH_LACPE Fu:	11987786	LDH_PLAFD Ful:	5893	nadi	1T2D	1E24	1T2E	0.77	Sc=6.30426, min distance = 2.12947	
LDH_LACPE Fu:	123927 A3	DAPB_ECOLI Fu:	5893	nadi	1DRU	1E24	1DRV	0.97	Sc=6.31176, min distance = 2.11905	
LDH_LACPE Fu:	4369002 C	LDHA_PIG Full:	5893	nadi	9LDB	1E24	9LDT	0.77	Sc=6.75715, min distance = 1.82297	
LDH_LACPE Fu:	5957 Ader	MAOM_HUMAN Fu:	5893	nadi	1PJ3	1E24	1GZ4		Sc=6.47558, min distance = 1.83047	
LDH_LACPE Fu:	6022 Ader	UGDH_HUMAN Fu:	5893	nadi	2Q3E	1E24	2QG4		Sc=6.76665, min distance = 1.32483	
LDH_LACPE Fu:	6083 ader	NADE_ECOLI Fu:	5893	nadi	1WXH	1E24	1WXI		Sc=6.29766, min distance = 2.10162	
LDH_PLABA Fu:	11987786	LDH_PLAFD Ful:	5893	nadi	1T2D	10C4	1T2E	0.77	Sc=6.78446, min distance = 2.07316	
LDH_PLABA Fu:	4369002 C	LDHA_PIG Full:	5893	nadi	9LDB	10C4	9LDT	0.77	Sc=6.78198, min distance = 2.02457	
LDH_PLABA Fu:	439153 Di	ADH1E_HORSE F:	5893	nadi	1MGO	10C4	2JHF	0.79	Sc=6.78013, min distance = 2.20500	
LDH_PLABA Fu:	440516 CI	MDH_THETH Ful:	5893	nadi	1BMD	10C4	1BDM	0.79	Sc=6.78508, min distance = 2.28820	
LDH_PLABA Fu:	445794 AD	ADHX_HUMAN Fu:	5893	nadi	2FZW	10C4	2FZE		Sc=6.63161, min distance = 1.86554	
LDH_PLABA Fu:	6083 ader	NADE_ECOLI Fu:	5893	nadi	1WXH	10C4	1WXI		Sc=6.36251, min distance = 2.18171	
LDH_PLABA Fu:	6102710 A	Q4PRK9_PLAVI	1	5893	nadi	2A92	10C4	2AA3	0.95	Sc=6.77941, min distance = 2.17248

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LDH_PLAFD	Fu: 123927	A3	Q9GT92_CRYPV	1	5893	nadi	2FM3	1T2D	2EWD	44.04	0.97	Sc=6.79644, min distance = 1.96789
LDH_PLAFD	Fu: 16129587		G3PA_SPIOL	Fu: 5893	nadi	1NBO	1T2D	2PKR				Sc=6.08884, min distance = 1.83809
LDH_PLAFD	Fu: 4369002	C	LDHA_PIG	Full:	5893	nadi	9LDB	1T2D	9LDT	32.47	0.77	Sc=6.79107, min distance = 2.11017
LDH_PLAFD	Fu: 439153	D	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1T2D	1DEH			0.79	Sc=6.79107, min distance = 2.09596
LDH_PLAFD	Fu: 440516	C	MDH_THETH	Fu: 5893	nadi	1BMD	1T2D	1BDM			0.79	Sc=6.79937, min distance = 2.39891
LDH_PLAFD	Fu: 445794	A	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1T2D	2FZE				Sc=6.64138, min distance = 2.39506
LDH_PLAFD	Fu: 6102710	A	Q4PRK9_PLAVI	1	5893	nadi	2A92	1T2D	2AA3		0.95	Sc=6.79776, min distance = 2.65565
LDH_THET8	Fu: 123927	A3	DAPB_ECOLI	Fu: 5893	nadi	1DRU	2V7P	1DRV			0.97	Sc=6.32603, min distance = 2.00825
LDH_THET8	Fu: 439153	D	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	2V7P	1DEH			0.79	Sc=6.77054, min distance = 2.11138
LDH_THET8	Fu: 439153	D	ADH1E_HORSE	Fu: 5893	nadi	1MGO	2V7P	2JHF			0.79	Sc=6.76107, min distance = 2.54835
LDH_THET8	Fu: 439153	D	GALE_ECOLI	Fu: 5893	nadi	1UDC	2V7P	1UDB			0.79	Sc=6.76878, min distance = 1.92498
LDH_THET8	Fu: 444959	C	STP22_YEAST	Fu: 78165	MES	1UZX	2V6M	2F6M				Sc=5.63429, min distance = 40.7622
LDH_THET8	Fu: 446288	N	G3P_PALVE	Fu: 5893	nadi	1DSS	2V7P	1IHX				Sc=6.76477, min distance = 2.01465
LDH_THET8	Fu: 6083	ader	NADE_ECOLI	Fu: 5893	nadi	1WXH	2V7P	1WXI				Sc=6.3249, min distance = 1.86151
LDH_TOXGO	Fu: 11987786		LDH_PLAFD	Fu: 5893	nadi	1T2D	1SOW	1T2E			0.77	Sc=6.33328, min distance = 2.75213
LDH_TOXGO	Fu: 16129587		G3PA_SPIOL	Fu: 5893	nadi	1NBO	1SOW	2PKR				Sc=5.91173, min distance = 1.92121
LDH_TOXGO	Fu: 4369002	C	LDHA_PIG	Full:	5893	nadi	9LDB	1SOW	9LDT		0.77	Sc=6.77212, min distance = 2.39503
LDH_TOXGO	Fu: 439153	D	CTBP1_RAT	Fu: 5893	nadi	1HKU	1SOW	1HL3			0.79	Sc=6.77775, min distance = 2.10652
LDH_TOXGO	Fu: 446288	N	G3P_PALVE	Fu: 5893	nadi	1DSS	1SOW	1IHX				Sc=6.77275, min distance = 1.96622
LDH_TOXGO	Fu: 6083	ader	NADE_ECOLI	Fu: 5893	nadi	1WXH	1SOW	1WXI				Sc=5.85406, min distance = 1.93392
LDOX_ARATH	Fu: 152217	2	DYR_CANAL	Fu: 78165	MES	1M79	1GP6	1M78				Sc=5.71122, min distance = 2.48133
LDOX_ARATH	Fu: 23831	HEE	GSTP1_HUMAN	Fu: 78165	MES	2A2R	1GP6	1PGT			0.81	Sc=5.61773, min distance = 1.31985
LDOX_ARATH	Fu: 5318532	i	IDHP_YEAST	Fu: 51	2-Oxop	2QFY	1GP4	2QFW				Sc=5.97755, min distance = 0.91367
LEC1_CRAMO	Fu: 151504	D	CONA_CANEN	Fu: 101798	Me	5CNA	1MVQ	1I3H				Sc=5.73207, min distance = 2.24459
LEC1_CRAMO	Fu: 185698	al	LEC1_LATOC	Fu: 101798	Me	1LOB	1MVQ	1LOG			0.94	Sc=5.71748, min distance = 2.72534
LEC1_CRAMO	Fu: 185698	al	LECB_LATOC	Fu: 101798	Me	1LOB	1MVQ	1LOG			0.94	Sc=5.71337, min distance = 2.72602
LEC1_CRAMO	Fu: 185698	al	Q9HYN5_PSEAE	1	101798	Me	2JDN	1MVQ	1OVS		0.94	Sc=5.75684, min distance = 2.03597
LEC1_CRAMO	Fu: 439554	fu	Q9HYN5_PSEAE	1	101798	Me	2JDN	1MVQ	1UZV		0.96	Sc=5.72788, min distance = 1.84102
LEC1_CRAMO	Fu: 445948	D	Q9HYN5_PSEAE	1	101798	Me	2JDN	1MVQ	1OXC			Sc=5.74199, min distance = 1.89021
LEC1_ULEEU	Fu: 24310	fru	Q9HYN5_PSEAE	1	446578	1r	2JDP	1JXN	1OVP		0.9	Sc=5.79509, min distance = 2.57098
LEC1_ULEEU	Fu: 445948	D	Q9HYN5_PSEAE	1	446578	1r	2JDP	1JXN	1OXC			Sc=5.73598, min distance = 2.09848
LEC1_ULEEU	Fu: 447053	C	Q9HYN5_PSEAE	1	446578	1r	2JDP	1JXN	1W8H		0.81	Sc=5.62651, min distance = 2.44483
LEC2_LATOC	Fu: 13455857		IGKC_MOUSE	Fu: 24139	ace	3BZ4	1LGC	3C6S				Sc=5.6348, min distance = 1.29573
LECA_ARTIN	Fu: 151504	D	CONA_CANEN	Fu: 101798	Me	5CNA	1WS5	1I3H				Sc=5.74009, min distance = 2.39998
LECA_ARTIN	Fu: 151504	D	CONA_CANEN	Fu: 64947	alp	1GIC	1WS4	1I3H				Sc=5.75684, min distance = 2.54742
LECA_ARTIN	Fu: 185698	al	LECB_LATOC	Fu: 101798	Me	1LOB	1WS5	1LOG			0.94	Sc=5.74199, min distance = 2.39161
LECA_DIOGR	Fu: 151504	D	CVN_NOSEL	Fu: 185698	al	2RDK	1DGL	2PYS				Sc=5.7552, min distance = 2.57032

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LECA_DIOGR	Ft	445184	1	Q6PYX1_HUMAN	1	185698	al	1ZLS	1DGL	1ZLW	0.89	Sc=5.74599, min distance = 2.406960
LECA_MACPO	Ft	446578	1	Q9HYN5_PSEAE	1	439353	be	1W8F	1JOT	2JDP	0.94	Sc=5.63829, min distance = 1.563104
LECB_LATOC	Ft	70815	CAE	Q6PYX1_HUMAN	1	439554	fu	1S3K	1LGC	1NOX		Sc=5.60726, min distance = 2.131938
LECF_ALEAU	Ft	446807	D-	MBL1_RAT	Full-	444863	is	1KWX	1OFZ	4KMB	0.88	Sc=5.76476, min distance = 1.254520
LECG_ARAHY	Ft	16741014		CARP_YEAST	Fu:	82313	1rd	1FMU	1CIW	1FQ7		Sc=5.77268, min distance = 0.880260
LECG_ARAHY	Ft	441478	gl	CSLB_PEDHE	Fu:	440552	1b	1DBO	2TEP	1OFM		Sc=5.79938, min distance = 2.021445
LECG_ARAHY	Ft	444863	is	MBL1_RAT	Full-	94214	Met	1AFA	1QF3	1KWX	0.96	Sc=5.72381, min distance = 2.070220
LECG_ARAHY	Ft	445037	D-	CSLB_PEDHE	Fu:	440552	1b	1DBO	2TEP	1OFL		Sc=5.71147, min distance = 1.766030
LECG_ARAHY	Ft	446996	GA	Q9HYN5_PSEAE	1	439353	be	1W8F	1V6I	1W8H	0.89	Sc=5.77651, min distance = 1.921890
LECG_CROAT	Ft	446996	GA	Q9HYN5_PSEAE	1	439353	be	1W8F	1JZN	1W8H	0.89	Sc=5.80476, min distance = 1.659195
LEC_BOWMI	Fu:	101798	Me	LEC1_LATOC	Fu:	185698	al	1LOG	2FMD	1LOB	0.94	Sc=5.82241, min distance = 2.259630
LEC_BOWMI	Fu:	101798	Me	LEC_GALNI	Fu:	185698	al	1JPC	2FMD	1MSA	0.94	Sc=5.97106, min distance = 0.907680
LEC_BOWMI	Fu:	151504	D-	CVN_NOSEL	Fu:	185698	al	2RDK	2FMD	2PYS		Sc=5.76391, min distance = 2.357418
LEC_BOWMI	Fu:	16740986		MYRA_SINAL	Fu:	185698	al	1E4M	2FMD	1E70		Sc=5.73005, min distance = 2.320392
LEC_BOWMI	Fu:	16741013		CARP_YEAST	Fu:	185698	al	1DPJ	2FMD	1FQ6		Sc=5.63826, min distance = 2.152019
LEC_BOWMI	Fu:	445184	1	Q6PYX1_HUMAN	1	185698	al	1ZLS	2FMD	1ZLW	0.89	Sc=5.75163, min distance = 1.998300
LEC_BOWMI	Fu:	446972	Mu	LEC1_LATOC	Fu:	185698	al	1LOG	2FMD	1LOD		Sc=6.12109, min distance = 1.429054
LEC_BOWMI	Fu:	446972	Mu	LECB_LATOC	Fu:	185698	al	1LOG	2FMD	1LOD		Sc=6.12109, min distance = 1.457200
LEC_BOWMI	Fu:	5289587	I	LECA_DIOGR	Fu:	185698	al	1DGL	2FMD	2JEC		Sc=6.24206, min distance = 2.083092
LEC_ERYCG	Fu:	446578	1	Q8XXK6_RALSO	1	439554	fu	2BS6	1GZ9	2BT9	0.96	Sc=5.7213, min distance = 1.734688
LEC_ERYCO	Fu:	446996	GA	Q9HYN5_PSEAE	1	439353	be	1W8F	1AX1	1W8H	0.89	Sc=5.79423, min distance = 1.476602
LEC_ERYCO	Fu:	448882	NG	LECA_ARTIN	Fu:	84265	1ax	1M26	1AX0	1UGX	0.96	Sc=6.00168, min distance = 2.646659
LEC_GALNI	Fu:	444885	O-	NRAM_I56A2	Fu:	185698	al	1V0Z	1JPC	1W1X		Sc=5.79912, min distance = 2.372659
LEC_GALNI	Fu:	82313	1rd	MBL1_RAT	Full-	101798	Me	1KWU	1MSA	1KWV		Sc=5.87924, min distance = 1.695754
LEC_LENCU	Fu:	193758	Va	AMY1_HUMAN	Fu:	79025	alp	3DHP	1LES	1MFU		Sc=5.74414, min distance = 2.017544
LEC_SOYBN	Fu:	18950	D-n	TRFL_BOVIN	Fu:	444205	CI	2G93	1SBD	2B65		Sc=5.8821, min distance = 0.726900
LEC_SOYBN	Fu:	24139	ace	LYSC_HUMAN	Fu:	439353	be	1REZ	1SBD	1LZR		Sc=5.91557, min distance = 2.105749
LEC_SOYBN	Fu:	446996	GA	Q9HYN5_PSEAE	1	439353	be	1W8F	1SBD	1W8H	0.89	Sc=5.76391, min distance = 1.338846
LEC_SOYBN	Fu:	449462	2-	LEG7_HUMAN	Fu:	439353	be	4GAL	1SBD	3GAL		Sc=5.77565, min distance = 2.449882
LED2_PHYAM	Ft	656941	1u	FIMH_ECOLI	Fu:	24139	ace	2VCO	1ULM	1UWF		Sc=5.97903, min distance = 1.574534
LEG1_BOVIN	Ft	448896	NG	CGL2_COPCI	Fu:	439353	be	1ULD	1SLT	1ULG		Sc=5.94347, min distance = 1.572809
LEG1_CONMY	Ft	24139	ace	LYSC_HUMAN	Fu:	439353	be	1REZ	1C1L	1LZR		Sc=5.91971, min distance = 2.508289
LEG1_CONMY	Ft	440552	1k	LECA_ARTIN	Fu:	439353	be	1UGX	1C1L	1UH1		Sc=5.91971, min distance = 1.526927
LEG1_CONMY	Ft	444635	O3	ATLE_AGRAE	Fu:	439353	be	1WW6	1C1L	1WW5	0.9	Sc=5.66296, min distance = 2.434050
LEG1_CONMY	Ft	444635	O3	MBL1_RAT	Full-	439353	be	2KMB	1C1L	3KMB	0.9	Sc=5.71681, min distance = 2.002210
LEG1_CONMY	Ft	446996	GA	Q9HYN5_PSEAE	1	439353	be	1W8F	1C1L	1W8H	0.89	Sc=5.74199, min distance = 2.287260
LEG1_CONMY	Ft	449462	2-	LEG7_HUMAN	Fu:	439353	be	4GAL	1C1L	3GAL		Sc=5.81167, min distance = 2.704266

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LEG1_CONMY	F1	657081	CI	LEG3_HUMAN	Fu	439353	be	1KJL	1C1L	1KJR		Sc=5.61169, min distance = 2.11891
LEU3_THET8	F1	6102710	A	Q4PRK9_PLAVI	I	5893	nadi	2A92	1HEX	2AA3	0.95	Sc=5.90077, min distance = 2.07918
LGB2_LUPLU	F1	11957363		HBB_HUMAN	Fu	444098	HE	1J40	1GDJ	1RQA	0.77	Sc=6.74445, min distance = 2.04512
LGB2_LUPLU	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1GDJ	2CMM		Sc=6.25033, min distance = 2.24671
LGB2_LUPLU	F1	11957385		MYG_PHYCA	Fu	444522	HE	1VXD	2GDM	2CMM		Sc=6.07625, min distance = 2.01809
LGB2_LUPLU	F1	11970222		CCPR_YEAST	Fu	444098	HE	2EUT	1GDJ	1BJ9	0.77	Sc=6.32548, min distance = 2.36140
LHA4_RHOAC	F1	155448	B	GLPG_ECOLI	Fu	444279	1s	2IRV	2FKW	3B44		Sc=5.7078, min distance = 1.190351
LHA4_RHOAC	F1	7054	Isat	AOFB_HUMAN	Fu	444279	1s	1OJD	2FKW	1OJA		Sc=5.63155, min distance = 2.27899
LIG2_PHACH	F1	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1LLP	2CMM		Sc=6.06631, min distance = 2.49960
LIG4_PHACH	F1	11957330		CCPR_YEAST	Fu	444098	HE	2EUT	1QPA	1BEQ	0.81	Sc=6.69862, min distance = 2.28582
LIG4_PHACH	F1	11957353		HBA_HORSE	Fu	444098	HE	2D5X	1QPA	1IWH	0.83	Sc=6.69153, min distance = 2.13972
LIG4_PHACH	F1	11957365		CCPR_YEAST	Fu	444098	HE	2EUT	1QPA	1S73	0.8	Sc=6.7512, min distance = 2.075053
LIG4_PHACH	F1	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1QPA	2CMM		Sc=6.18658, min distance = 2.50624
LIG4_PHACH	F1	11970219		CCPR_YEAST	Fu	444098	HE	2EUT	1QPA	1BEM	0.83	Sc=6.69905, min distance = 2.31299
LIG4_PHACH	F1	11970242		CCPR_YEAST	Fu	444098	HE	2EUT	1QPA	1CPE	0.83	Sc=6.69822, min distance = 2.38795
LIG4_PHACH	F1	126994	CI	CCPR_YEAST	Fu	444098	HE	2EUT	1QPA	1Z53	0.77	Sc=6.69572, min distance = 2.87623
LIG4_PHACH	F1	447168	ZF	CCPR_YEAST	Fu	444098	HE	2EUT	1QPA	1ML2	0.82	Sc=6.74602, min distance = 2.28419
LIG01_HUMAN	I	445692	CI	CARP_YEAST	Fu	439680	be	1DPJ	2ID5	1FQ5		Sc=5.62898, min distance = 1.42646
LIPG_CANFA	F1	446816	1k	MK14_HUMAN	Fu	62852	B-C	2FST	1K8Q	1KV1		Sc=6.19837, min distance = 1.94730
LIPG_CANFA	F1	656949	U	MK14_HUMAN	Fu	62852	B-C	2FST	1K8Q	1W82		Sc=6.34328, min distance = 2.05915
LIVG_METJA	F1	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	1G6H	2ETM		Sc=6.01653, min distance = 2.42502
LIVG_METJA	F1	11957417		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2I40		Sc=6.13375, min distance = 1.91279
LIVG_METJA	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	1H1Q		Sc=5.78622, min distance = 2.24015
LIVG_METJA	F1	16214823		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2UZB		Sc=5.9953, min distance = 2.926552
LIVG_METJA	F1	16214826		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2UZL		Sc=6.04282, min distance = 2.03354
LIVG_METJA	F1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3F		Sc=5.69563, min distance = 2.23544
LIVG_METJA	F1	23653516		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3G		Sc=5.85005, min distance = 2.49442
LIVG_METJA	F1	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3J		Sc=5.89231, min distance = 2.08911
LIVG_METJA	F1	23653519		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3K		Sc=5.87945, min distance = 2.32462
LIVG_METJA	F1	23653520		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3L		Sc=5.88628, min distance = 2.16606
LIVG_METJA	F1	23653524		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3P		Sc=5.99539, min distance = 2.48230
LIVG_METJA	F1	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3R		Sc=5.91111, min distance = 2.07065
LIVG_METJA	F1	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	3BHT		Sc=5.89294, min distance = 2.40474
LIVG_METJA	F1	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	3BHU		Sc=5.94231, min distance = 2.39038
LIVG_METJA	F1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2VTR		Sc=5.69541, min distance = 3.25674
LIVG_METJA	F1	25021197		CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	3EOC		Sc=6.08623, min distance = 1.77961
LIVG_METJA	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	1GZ8		Sc=5.79455, min distance = 2.23651

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LIVG_METJA	F1	447656	1d	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	1O1Y		Sc=5.97907, min distance = 2.332626
LIVG_METJA	F1	447962	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2C5N		Sc=5.92357, min distance = 3.114586
LIVG_METJA	F1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	1H1S		Sc=5.83213, min distance = 2.089814
LIVG_METJA	F1	5288016	6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2B53		Sc=5.87954, min distance = 2.247338
LIVG_METJA	F1	5327130	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2C68		Sc=5.86147, min distance = 2.187858
LIVG_METJA	F1	5327131	T	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2C69		Sc=5.87236, min distance = 2.155680
LIVG_METJA	F1	5331010	d	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2BKZ		Sc=6.06433, min distance = 2.165550
LIVG_METJA	F1	6420139	9	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2C5V		Sc=5.89124, min distance = 2.961972
LIVG_METJA	F1	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	3EJ1		Sc=5.93549, min distance = 2.599440
LIVG_METJA	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G6H	2R3H		Sc=5.60266, min distance = 2.058947
LMAN2_CANFA	I	101798	Me	LEC1_LATOC	Fu	185698	al	1LOG	2E6V	1LOB	0.94	Sc=5.7665, min distance = 2.4280527
LMAN2_CANFA	I	151504	D-	CARP_YEAST	Fu	185698	al	1DPJ	2E6V	1FQ5		Sc=5.63561, min distance = 1.904629
LMAN2_CANFA	I	151504	D-	CONA_CANEN	Fu	185698	al	1CVN	2E6V	1I3H		Sc=5.92103, min distance = 0.604440
LMAN2_CANFA	I	16741013		CARP_YEAST	Fu	185698	al	1DPJ	2E6V	1FQ6		Sc=5.62522, min distance = 1.695496
LMAN2_CANFA	I	446578	1r	Q9HYN5_PSEAE	I	185698	al	1OVS	2E6V	2JDP	0.94	Sc=5.61217, min distance = 2.071986
LMAN2_CANFA	I	64947	alp	LEC1_LATOC	Fu	185698	al	1LOG	2E6V	1LOA	0.94	Sc=5.7646, min distance = 2.4133720
LMBL1_HUMAN	I	6914582	C	ACES_TORCA	Fu	8200	TETR	1DX6	2RHI	2C5F		Sc=5.6138, min distance = 2.1265889
LMRA_LACLA	F1	101544	2	RNAS1_BOVIN	F1	6022	Aden	1O0H	1MV5	1ROB		Sc=6.09928, min distance = 2.089946
LMRA_LACLA	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1MV5	2UVY		Sc=6.03334, min distance = 2.654880
LMRA_LACLA	F1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1MV5	2VTR		Sc=5.62052, min distance = 2.846040
LMRA_LACLA	F1	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	1MV5	1GJV	0.99	Sc=6.05783, min distance = 1.514779
LMRA_LACLA	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1MV5	1W9I	0.91	Sc=6.33233, min distance = 1.185027
LMRA_LACLA	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MV5	1GZ8		Sc=5.9127, min distance = 2.1731842
LMRA_LACLA	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MV5	1H1R		Sc=6.1139, min distance = 1.7953077
LMRA_LACLA	F1	5687	1di8	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MV5	1DI8		Sc=5.82054, min distance = 2.465860
LMRA_LACLA	F1	6083	ader	AAKG1_RAT	Full	5957	Aden	2V92	1MV5	2V8Q	0.98	Sc=6.24257, min distance = 2.588699
LMRA_LACLA	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1MV5	2R7M	0.99	Sc=6.2262, min distance = 2.5039890
LMRA_LACLA	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1MV5	2R85	0.98	Sc=6.21636, min distance = 2.779126
LMRA_LACLA	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1MV5	1FMO	0.95	Sc=5.99922, min distance = 2.961780
LMRA_LACLA	F1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1MV5	1Q97	0.95	Sc=6.17772, min distance = 2.018337
LMRA_LACLA	F1	60961	ade	SYQ_ECOLI	Full	5957	Aden	1GTR	1MV5	100B	0.94	Sc=6.01545, min distance = 2.350266
LMRA_LACLA	F1	6804	guar	NDK_PYRHO	Full	6022	Aden	2DYA	1MV5	2DXF	0.8	Sc=6.31363, min distance = 2.238496
LOT6_YEAST	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	1T0I	1JRB		Sc=5.83443, min distance = 2.190866
LOT6_YEAST	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1T0I	1LTD	0.77	Sc=5.84711, min distance = 2.197310
LOT6_YEAST	F1	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1T0I	1SZG	0.76	Sc=5.84011, min distance = 2.115110
LPXC_AQUAE	F1	445638	pa	NLTP_MAIZE	Fu	11005	Tet	1FK2	1P42	1FK3	0.75	Sc=5.895, min distance = 2.25531509
LPXC_AQUAE	F1	445639	ol	ALBU_HUMAN	Fu	11005	Tet	1N5U	1P42	1GNI		Sc=5.97751, min distance = 2.381754

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LPXC_AQUAE	F1	445641	R1	NLTP_MAIZE	Fu:	11005	Tet	1FK2	1P42	1FK7		Sc=6.14868, min distance = 2.106921
LPXD_CHLTR	F1	445639	o1	NLTP_MAIZE	Fu:	985	palmi	1MZM	2IU8	1FK5	0.77	Sc=5.75954, min distance = 3.264200
LSD1_HUMAN	F1	11963950		FMS1_YEAST	Fu:	444188	CI	1RSG	2DW4	3BI4	42.68 0.99	Sc=6.88875, min distance = 2.260627
LSD1_HUMAN	F1	16740985		FRDA_SHEFR	Fu:	444188	CI	1M64	2DW4	1E39	0.93	Sc=6.88736, min distance = 2.042140
LSD1_HUMAN	F1	444502	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	2DW4	1BWC	0.98	Sc=6.88668, min distance = 2.183258
LSD1_HUMAN	F1	444502	CI	TYTR_TRYCR	Fu:	444188	CI	1BZL	2DW4	1GXF	0.98	Sc=6.8906, min distance = 2.1485011
LSD1_HUMAN	F1	446013	1,	O28603_ARCFU	1	444188	CI	1JNR	2DW4	1JNZ	0.94	Sc=6.892, min distance = 2.11982591
LSD1_HUMAN	F1	446013	1,	O28604_ARCFU	1	444188	CI	1JNR	2DW4	1JNZ	0.94	Sc=6.8929, min distance = 2.1325107
LSD1_HUMAN	F1	6420174	C	O28603_ARCFU	1	444188	CI	1JNR	2DW4	2FJB	0.92	Sc=6.89532, min distance = 2.026101
LSD1_HUMAN	F1	6420174	C	O28604_ARCFU	1	444188	CI	1JNR	2DW4	2FJB	0.92	Sc=6.89608, min distance = 2.031001
LT_SV40	Full:	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1SVL	1BS1	0.91	Sc=5.69269, min distance = 2.114637
LT_SV40	Full:	444842	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SVL	1CKP		Sc=5.60997, min distance = 1.982481
LT_SV40	Full:	445940	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SVL	1GZ8		Sc=6.16907, min distance = 2.151030
LT_SV40	Full:	447955	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1SVL	1PXI		Sc=5.74695, min distance = 2.204339
LT_SV40	Full:	448222	NE	ENPL_CANFA	Fu:	6022	Aden	1TC6	1SVL	1QY5	0.81	Sc=6.22806, min distance = 2.281991
LT_SV40	Full:	4725	pend	KITH_HHV11	Fu:	6022	Aden	2VTK	1SVL	1KI3		Sc=6.03133, min distance = 1.940778
LT_SV40	Full:	5327148	C	IPKA_RABIT	Fu:	6022	Aden	1JBP	1SVL	2ERZ		Sc=6.1869, min distance = 2.2291480
LT_SV40	Full:	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	1SVL	1QYE	0.89	Sc=6.17245, min distance = 1.028900
LT_SV40	Full:	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	1SVL	1XJE	0.8	Sc=5.74131, min distance = 2.054824
LT_SV40	Full:	91532	AME	F263_HUMAN	Fu:	6022	Aden	2AXN	1SVL	2DWP	0.99	Sc=5.76275, min distance = 2.143378
LUCI_LUCCR	F1	24316	cyc	PDE10_HUMAN	F1	6083	aden	2OUN	2D1R	2OUU	0.81	Sc=6.34279, min distance = 2.125431
LUCI_LUCCR	F1	445708	AM	NADE_ECOLI	Fu:	6083	aden	1WXI	2D1R	1WXE	0.91	Sc=6.39065, min distance = 2.185611
LUCI_LUCCR	F1	446916	11	F16P1_PIG	Fu:	6083	aden	2F3D	2D1R	1LEV		Sc=6.26156, min distance = 1.641211
LUCI_LUCCR	F1	447832	AD	ACSA_SALTY	Fu:	6083	aden	2P2F	2D1R	1PG4	0.99	Sc=6.48892, min distance = 2.294707
LUCI_LUCCR	F1	5327121	1	PIM1_HUMAN	Fu:	6083	aden	1YXU	2D1R	2C3I		Sc=6.3241, min distance = 1.4569344
LUCI_LUCCR	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	2D1R	2OUR	0.99	Sc=6.32806, min distance = 2.111191
LUCI_LUCCR	F1	611002	Og	PIM1_HUMAN	Fu:	6083	aden	1YXU	2D1R	1YXX		Sc=6.22671, min distance = 1.680421
LUCI_LUCCR	F1	6419789	C	HASP_HUMAN	Fu:	6083	aden	3DLZ	2D1R	3E7V		Sc=6.33862, min distance = 2.119861
LUCI_LUCCR	F1	65533	cor	O57693_THETE	1	6083	aden	1UXU	2D1R	1UXT		Sc=5.96519, min distance = 2.152421
LUCI_LUCCR	F1	657135	Og	PIM1_HUMAN	Fu:	6083	aden	1YXU	2D1R	1YXV		Sc=5.9577, min distance = 2.1083989
LUCI_LUCCR	F1	8582	Inos	PYGM_RABIT	Fu:	6083	aden	8GPB	2D1R	2QN7	0.79	Sc=6.4078, min distance = 2.0413281
LUXF_PHOLE	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	1NFP	1HE5	0.82	Sc=6.2714, min distance = 2.6368689
LUXF_PHOLE	F1	5326566	1	Q9WZW1_THEMA	1	444243	FA	1T6Y	1NFP	1S4M	0.82	Sc=6.27488, min distance = 2.087811
LUXP_PHOLE	F1	440869	Ph	RIB4_SCHPO	Fu:	444658	2a	1KYV	3DDY	2A57		Sc=6.4574, min distance = 2.2648077
LUXP_PHOLE	F1	444243	FA	Q9WZW1_THEMA	1	444658	2a	1T6Z	3DDY	1T6Y	0.97	Sc=6.61682, min distance = 2.015810
LUXP_PHOLE	F1	446835	1t	RIB4_SCHPO	Fu:	444658	2a	1KYV	3DDY	1KYV		Sc=6.34068, min distance = 2.183181
LUXP_PHOLE	F1	449551	FM	FLAV_DESVH	Fu:	444658	2a	1BU5	3DDY	5FX2		Sc=6.10945, min distance = 2.177601

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LUXP_PHOLE	F1	5326566	1	Q9HPW4_HALSA	1	444658	2a	2CCB	3DDY	2CC6	0.85	Sc=6.18175, min distance = 2.25419
LUXP_PHOLE	F1	5326566	1	Q9WZW1_THEMA	1	444658	2a	1T6Z	3DDY	1S4M	0.85	Sc=6.24612, min distance = 2.51627
LY96_HUMAN	F1	8209	Myri	ABL1_MOUSE	Fu:	11005	Tet	1OPK	2E56	1OPJ		Sc=5.6414, min distance = 2.637997
LYAM3_HUMAN	1	185698	al	MBL1_RAT	Full:	444885	O-	2KMB	1G1S	2MSB	46.51	Sc=5.80476, min distance = 1.66840
LYAM3_HUMAN	1	446578	1r	MBL1_RAT	Full:	439554	fu	3KMB	1G1S	1KWW	46.51	0.96 Sc=5.75863, min distance = 1.27435
LYAM3_HUMAN	1	6914591	F	A2NHM3_MOUSE	1	439554	fu	1CLZ	1G1S	2CJU		Sc=6.24206, min distance = 2.18944
LYG_ANSAN	Fu:	185698	al	Q9HYN5_PSEAE	1	24139	ace	1W8F	154L	1OVS		Sc=5.77268, min distance = 1.13094
LYG_ANSAN	Fu:	449023	N2	CONA_CANEN	Fu:	24139	ace	1TEI	154L	1VAM		Sc=6.24738, min distance = 1.08143
LYG_ANSAN	Fu:	449094	Cy	Q54276_SERMA	1	24139	ace	1UR9	154L	1W1T		Sc=5.99458, min distance = 2.37541
LYG_ANSAN	Fu:	64947	alp	CONA_CANEN	Fu:	24139	ace	1TEI	154L	1GIC		Sc=5.6966, min distance = 2.464700
LYG_ANSAN	Fu:	656981	CU	LYSC_CHICK	Fu:	24139	ace	1LZB	154L	1YIL		Sc=5.83255, min distance = 2.35133
LYS1_YEAST	F1	5957	Ader	AAKG1_RAT	Fu:	6083	aden	2V8Q	2QRK	2V92	0.98	Sc=5.66103, min distance = 2.17735
LYS1_YEAST	F1	5957	Ader	PURP_PYRFU	Fu:	6083	aden	2R85	2QRK	2R86	0.98	Sc=5.64755, min distance = 2.05530
LYS9_MAGGR	F1	440141	9i	DHB1_HUMAN	Fu:	5886	NADF	1QYV	1E5Q	1QYW		Sc=5.95593, min distance = 2.21214
LYSC2_ONCMY	1	185698	al	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1LMQ	1OVS		Sc=5.6153, min distance = 2.120251
LYSC2_ONCMY	1	439680	be	SPIKE_CVHSA	F1	82313	1rd	3D0G	1LMQ	2AJF		Sc=5.65103, min distance = 2.00444
LYSC2_ONCMY	1	439710	rh	PGRP_CAMDR	Fu:	82313	1rd	3C93	1LMQ	3CG9		Sc=5.77268, min distance = 0.97205
LYSC2_ONCMY	1	444305	L	PGRP_CAMDR	Fu:	82313	1rd	3C93	1LMQ	3C2X		Sc=5.63497, min distance = 2.03722
LYSC2_ONCMY	1	444762	CI	HYSA_STRPN	Fu:	24139	ace	1LXK	1LMQ	1C82		Sc=5.7881, min distance = 1.020174
LYSC2_ONCMY	1	446996	GA	Q9HYN5_PSEAE	1	24139	ace	1W8F	1LMQ	1W8H		Sc=5.673, min distance = 1.8093305
LYSC2_ONCMY	1	64689	bet	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1LMQ	1W8F		Sc=5.72788, min distance = 1.77567
LYSC2_ONCMY	1	656981	CU	LYSC_CHICK	Fu:	24139	ace	1LZB	1LMQ	1YIL	62.99	Sc=5.68362, min distance = 3.03392
LYSC_CHICK	F1	165293	De	CTXA3_NAJAT	F1	8778	Laur	1H0J	3B6L	2BHI		Sc=5.89158, min distance = 0.70335
LYSC_CHICK	F1	2153	theo	Q873X9_ASPFU	1	24139	ace	1WNO	1LZB	2A3A		Sc=5.78719, min distance = 1.90454
LYSC_CHICK	F1	439554	fu	LECB_LATOC	Fu:	24139	ace	1LOG	1LZB	1LGC		Sc=5.62651, min distance = 2.03015
LYSC_CHICK	F1	445948	D	Q9HYN5_PSEAE	1	439353	be	1W8F	1UC0	1OXC		Sc=5.8121, min distance = 1.843212
LYSC_CHICK	F1	445948	D	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1LSZ	1OXC		Sc=5.66805, min distance = 2.19806
LYSC_CHICK	F1	446101	AC	P84141_ARTAU	1	24139	ace	1RWC	1LZB	1RWH	0.94	Sc=5.71498, min distance = 2.73395
LYSC_CHICK	F1	446476	Bi	AOA5D7_MOUSE	1	24139	ace	1M7I	1LZB	1JGU		Sc=5.9784, min distance = 2.113047
LYSC_CHICK	F1	446578	1r	Q9HYN5_PSEAE	1	439353	be	1W8F	1UC0	2JDP	0.94	Sc=5.77779, min distance = 1.74874
LYSC_CHICK	F1	446578	1r	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1LSZ	2JDP		Sc=5.64022, min distance = 2.25102
LYSC_CHICK	F1	6102754	2	Q9HYN5_PSEAE	1	439353	be	1W8F	1UC0	2BOJ	0.88	Sc=5.69964, min distance = 1.73538
LYSC_CHICK	F1	64689	bet	P74325_SYNY3	1	5988	sucr	1TJ5	1JJ0	1U2S	0.87	Sc=5.78001, min distance = 2.09076
LYSC_CHICK	F1	64689	bet	Q9HYN5_PSEAE	1	82313	1rd	1W8H	1LSZ	1W8F		Sc=5.63561, min distance = 1.99385
LYSC_HUMAN	F1	119138	Th	LEG1_BUFAR	Fu:	439353	be	1GAN	1REZ	1A78		Sc=6.01279, min distance = 2.13208
LYSC_HUMAN	F1	16058615		LYSC_CHICK	Fu:	24139	ace	1LZB	1LZR	2H9J	63.28	Sc=5.98094, min distance = 1.84192
LYSC_HUMAN	F1	185698	al	CONA_CANEN	Fu:	24139	ace	1TEI	1LZR	1CVN		Sc=5.96906, min distance = 1.02813

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LYSC_HUMAN	Ft	439554	fu	LECB_LATOC	Fu	24139	ace	1LOG	1LZR	1LGC		Sc=5.61221, min distance = 1.119384
LYSC_HUMAN	Ft	445256	NO	Q54276_SERMA	I	24139	ace	1UR9	1LZR	1E6Z	0.82	Sc=5.77722, min distance = 2.103441
LYSC_HUMAN	Ft	445750	AL	LYAM3_HUMAN	Ft	439353	be	1G1S	1REZ	1G1R		Sc=6.10599, min distance = 1.304111
LYSC_HUMAN	Ft	446996	GA	Q9HYN5_PSEAE	I	24139	ace	1W8F	1LZR	1W8H		Sc=5.64592, min distance = 1.253239
LYSC_HUMAN	Ft	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	1LZR	1YIL	63.28	Sc=5.95481, min distance = 2.090998
LYSC_MELGA	Ft	101798	Me	MBL1_RAT	Full	82313	1rd	1KWV	1LZY	1KWU		Sc=5.86661, min distance = 1.479678
LYSC_MELGA	Ft	10367	Dip	LYSC_CHICK	Fu	24139	ace	1LZB	1LZY	2PC2		Sc=5.71883, min distance = 2.396469
LYSC_MELGA	Ft	185698	al	MBL2_RAT	Full	82313	1rd	1RDN	1LZY	1RDL		Sc=5.77694, min distance = 1.722162
LYSC_MELGA	Ft	439353	be	AGI3_WHEAT	Fu	24139	ace	1K7U	1LZY	1K7V		Sc=5.70694, min distance = 2.033328
LYSC_MELGA	Ft	439353	be	CLC4M_HUMAN	Ft	24139	ace	1K9J	1LZY	1SL6		Sc=5.90354, min distance = 1.066607
LYSC_MELGA	Ft	444863	is	MBL1_RAT	Full	82313	1rd	1KWV	1LZY	1KWX		Sc=5.77455, min distance = 1.180178
LYSC_MELGA	Ft	446578	1r	MBL2_RAT	Full	82313	1rd	1RDN	1LZY	1RDI		Sc=5.64728, min distance = 2.266169
LYSC_MELGA	Ft	6134	lact	LECG_ARAHY	Fu	82313	1rd	1CIW	1LZY	2PEL		Sc=6.30962, min distance = 2.116569
LYSC_MELGA	Ft	64689	bet	UGL_BACGL	Fu	82313	1rd	2FV1	1LZY	2FV0		Sc=5.69574, min distance = 1.276669
LYSC_MELGA	Ft	79025	alg	LECG_ARAHY	Fu	82313	1rd	1CIW	1LZY	1V6I		Sc=5.71322, min distance = 1.883546
LYSC_MELGA	Ft	79025	alg	LEC_ERYCO	Fu	82313	1rd	1AX2	1LZY	1FYU		Sc=5.70048, min distance = 2.892749
LYSC_MELGA	Ft	84571	lac	LECG_ARAHY	Fu	82313	1rd	1CIW	1LZY	2PEL		Sc=6.31482, min distance = 2.173007
LYS_BPCP1	Fu	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	2J8G	1YIL		Sc=6.02577, min distance = 1.355656
LYS_BPP1	Fu	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1XJT	1YBA	0.76	Sc=5.60978, min distance = 2.306341
LYS_BPT4	Fu	79025	alg	AMYB_BACCE	Fu	6255	malt	1B9Z	2RH1	1VEM	0.87	Sc=5.72108, min distance = 0.762391
LYS_LAMBD	Fu	126154	Cy	Q54276_SERMA	I	24139	ace	1UR9	1D9U	1W1P		Sc=5.66913, min distance = 1.765548
LYS_LAMBD	Fu	16058615		LYSC_CHICK	Fu	24139	ace	1LZB	1D9U	2H9J		Sc=5.93998, min distance = 1.090898
LYS_LAMBD	Fu	185698	al	CONA_CANEN	Fu	24139	ace	1TEI	1D9U	1CVN		Sc=5.93, min distance = 1.018164031
LYS_LAMBD	Fu	439353	be	LEG1_BOVIN	Fu	24139	ace	1SLC	1D9U	1SLT		Sc=5.78164, min distance = 1.658292
LYS_LAMBD	Fu	439353	be	LYSC_CHICK	Fu	24139	ace	1LZB	1D9U	1UC0		Sc=5.7024, min distance = 1.3773877
LYS_LAMBD	Fu	444762	CI	HYSA_STRPN	Fu	24139	ace	1LXK	1D9U	1C82		Sc=5.77455, min distance = 1.208621
LYS_LAMBD	Fu	445247	CI	Q54276_SERMA	I	24139	ace	1UR9	1D9U	1E6R		Sc=5.62287, min distance = 2.721081
LYS_LAMBD	Fu	445595	CI	CHIA_SERMA	Fu	24139	ace	1K9T	1D9U	1FFQ		Sc=5.9065, min distance = 2.4302172
LYS_LAMBD	Fu	445750	AL	HVM32_MOUSE	Ft	24139	ace	1M7I	1D9U	1M7D	0.96	Sc=5.99204, min distance = 2.115881
LYS_LAMBD	Fu	446101	AC	HYSA_STRPN	Fu	24139	ace	1LXK	1D9U	1OJO	0.94	Sc=6.00979, min distance = 2.453901
LYS_LAMBD	Fu	6927060	Z	HYSA_STRPN	Fu	24139	ace	1LXK	1D9U	1F9G		Sc=5.66303, min distance = 2.196644
M3K5_HUMAN	Ft	10109823		PIM1_HUMAN	Fu	444345	1c	1YHS	2CLQ	3CY3		Sc=6.20298, min distance = 2.934884
M3K5_HUMAN	Ft	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	2E9U		Sc=6.20726, min distance = 2.396549
M3K5_HUMAN	Ft	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	2CLQ	2OF2		Sc=6.26278, min distance = 2.150051
M3K5_HUMAN	Ft	11957417		CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2I40		Sc=6.27165, min distance = 2.241219
M3K5_HUMAN	Ft	11992146		MAPK2_HUMAN	Ft	444345	1c	2PZY	2CLQ	2P3G		Sc=6.26689, min distance = 2.187559
M3K5_HUMAN	Ft	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1H1Q		Sc=6.23906, min distance = 2.670077

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M3K5_HUMAN	F1	15602982	KAPCA_BOVIN	F1	444345	1c	1STC	2CLQ	2UW6	Sc=6.04164, min distance = 2.673532
M3K5_HUMAN	F1	15991572	LCK_HUMAN	Fu1	444345	1c	1QPD	2CLQ	2OF4	Sc=6.23672, min distance = 2.418432
M3K5_HUMAN	F1	16058647	PIM1_HUMAN	Fu	444345	1c	1YHS	2CLQ	2OI4	0.75 Sc=6.41333, min distance = 2.123115
M3K5_HUMAN	F1	16113377	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2W17	Sc=6.37859, min distance = 1.737142
M3K5_HUMAN	F1	16122608	PDPK1_HUMAN	F1	444345	1c	1OKY	2CLQ	2PE1	Sc=6.29469, min distance = 2.557130
M3K5_HUMAN	F1	16214823	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2UZB	Sc=6.04282, min distance = 2.564568
M3K5_HUMAN	F1	16214825	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2UZE	Sc=6.22132, min distance = 2.226409
M3K5_HUMAN	F1	16214826	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2UZL	Sc=6.09246, min distance = 2.132042
M3K5_HUMAN	F1	16758227	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	2R0U	Sc=6.53023, min distance = 2.016167
M3K5_HUMAN	F1	19079172	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	2CGW	Sc=6.08153, min distance = 2.879022
M3K5_HUMAN	F1	23536770	LCK_HUMAN	Fu1	444345	1c	1QPD	2CLQ	3BYM	Sc=6.43613, min distance = 2.275952
M3K5_HUMAN	F1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3F	Sc=5.96968, min distance = 2.606422
M3K5_HUMAN	F1	23653516	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3G	Sc=6.10304, min distance = 2.668792
M3K5_HUMAN	F1	23653518	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3J	Sc=6.14413, min distance = 2.428178
M3K5_HUMAN	F1	23653519	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3K	Sc=6.17261, min distance = 2.420240
M3K5_HUMAN	F1	23653520	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3L	Sc=6.14228, min distance = 2.515212
M3K5_HUMAN	F1	23653521	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3M	Sc=6.33169, min distance = 2.385017
M3K5_HUMAN	F1	23653522	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3N	Sc=6.219, min distance = 2.62344412
M3K5_HUMAN	F1	23653524	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2R3P	Sc=6.15068, min distance = 2.568846
M3K5_HUMAN	F1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	2E9P	Sc=6.23402, min distance = 2.340496
M3K5_HUMAN	F1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	3BHU	Sc=6.14238, min distance = 2.198848
M3K5_HUMAN	F1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	2QHM	Sc=6.02903, min distance = 2.692747
M3K5_HUMAN	F1	24851689	PIM1_HUMAN	Fu	444345	1c	1YHS	2CLQ	3CY2	Sc=6.16549, min distance = 2.293465
M3K5_HUMAN	F1	24864081	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2VTS	Sc=6.22348, min distance = 2.667008
M3K5_HUMAN	F1	24901723	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2W06	Sc=6.15216, min distance = 2.088682
M3K5_HUMAN	F1	24905144	PK3CG_HUMAN	F1	444345	1c	1E8Z	2CLQ	3ENE	Sc=6.16148, min distance = 2.844292
M3K5_HUMAN	F1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	3DOG	Sc=6.2256, min distance = 2.50921402
M3K5_HUMAN	F1	25021197	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	3EOC	Sc=6.20681, min distance = 2.433125
M3K5_HUMAN	F1	33113 gar	ZAP70_HUMAN	F1	444345	1c	1U59	2CLQ	2OZO	Sc=5.67376, min distance = 2.154596
M3K5_HUMAN	F1	3543 1g5s	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1G5S	Sc=6.45641, min distance = 2.629580
M3K5_HUMAN	F1	4369136 C	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1DM2	Sc=6.11749, min distance = 2.937602
M3K5_HUMAN	F1	445840 di	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1GII	Sc=6.18522, min distance = 2.632442
M3K5_HUMAN	F1	445966 O6	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1H0V	Sc=6.05004, min distance = 2.913618
M3K5_HUMAN	F1	447446 1r	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	1NVS	0.84 Sc=6.24088, min distance = 2.804109
M3K5_HUMAN	F1	447649 1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1OI9	Sc=6.32241, min distance = 2.769022
M3K5_HUMAN	F1	447652 In	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1OIQ	Sc=6.1214, min distance = 2.6136242
M3K5_HUMAN	F1	447654 C1	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1OIT	Sc=6.12698, min distance = 1.989077

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M3K5_HUMAN	F1	447655	1d	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1OIU		Sc=6.24794, min distance = 2.65439
M3K5_HUMAN	F1	447962	1p	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2C5N		Sc=6.08166, min distance = 2.38125
M3K5_HUMAN	F1	447967	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1PYE		Sc=6.29781, min distance = 2.25426
M3K5_HUMAN	F1	448043	2d	KAPCA_BOVIN	F1	444345	1c	1STC	2CLQ	1Q8U		Sc=5.96524, min distance = 2.66325
M3K5_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	444345	1c	1STC	2CLQ	1YDR		Sc=5.89708, min distance = 2.45246
M3K5_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1H1R		Sc=6.23651, min distance = 2.87957
M3K5_HUMAN	F1	4566	1h1s	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1H1S		Sc=6.27533, min distance = 2.39642
M3K5_HUMAN	F1	5281672	n	PIM1_HUMAN	Fu	444345	1c	1YHS	2CLQ	2O63		Sc=6.36523, min distance = 2.59384
M3K5_HUMAN	F1	5288016	e	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2B53		Sc=6.11559, min distance = 2.34808
M3K5_HUMAN	F1	5288017	l	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2B55		Sc=6.46044, min distance = 2.81839
M3K5_HUMAN	F1	5288708	l	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1KE5		Sc=6.08724, min distance = 2.45207
M3K5_HUMAN	F1	5288710	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1KE7		Sc=6.2946, min distance = 2.25958
M3K5_HUMAN	F1	5327121	l	PIM1_HUMAN	Fu	444345	1c	1YHS	2CLQ	2C3I		Sc=6.08322, min distance = 2.36796
M3K5_HUMAN	F1	5327123	l	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	2C3L		Sc=6.11735, min distance = 2.19436
M3K5_HUMAN	F1	5327134	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2C6L		Sc=6.31163, min distance = 2.34108
M3K5_HUMAN	F1	5331010	d	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2BKZ		Sc=6.26455, min distance = 2.42191
M3K5_HUMAN	F1	5687	1di8	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1DI8		Sc=6.18391, min distance = 2.32626
M3K5_HUMAN	F1	6022	Ader	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1GY3		Sc=5.87245, min distance = 2.02173
M3K5_HUMAN	F1	6022	Ader	GSK3B_HUMAN	F1	444345	1c	1Q3D	2CLQ	1J1C		Sc=5.91537, min distance = 1.81202
M3K5_HUMAN	F1	6102670		CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1YKR		Sc=6.23061, min distance = 2.09949
M3K5_HUMAN	F1	6420139	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	2C5V		Sc=6.08465, min distance = 2.28948
M3K5_HUMAN	F1	656972	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1Y91		Sc=6.43048, min distance = 2.42565
M3K5_HUMAN	F1	6852166		PK3CG_HUMAN	F1	444345	1c	1E8Z	2CLQ	2CHX		Sc=6.18025, min distance = 2.06839
M3K5_HUMAN	F1	6852207	M	KAPCA_BOVIN	F1	444345	1c	1STC	2CLQ	2GNI		Sc=5.91243, min distance = 2.22470
M3K5_HUMAN	F1	72271	7-H	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1PKD	0.91	Sc=6.43571, min distance = 2.67056
M3K5_HUMAN	F1	72271	7-H	CHK1_HUMAN	Fu	444345	1c	1NVR	2CLQ	1NVQ	0.91	Sc=6.43061, min distance = 2.75774
M3K5_HUMAN	F1	9547890	l	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	1W8C		Sc=6.16841, min distance = 2.48553
M3K5_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu	444345	1c	1AQ1	2CLQ	3BHV		Sc=6.35382, min distance = 2.19101
M3K7_HUMAN	F1	3973	nche	PIM1_HUMAN	Fu	60961	ade	1YI4	2EVA	1YI3		Sc=5.93862, min distance = 2.04404
M3K7_HUMAN	F1	447864	2	DEOD_ECOLI	Fu	60961	ade	1PK7	2EVA	1PKE	0.96	Sc=6.10488, min distance = 2.42174
M3K7_HUMAN	F1	5281672	n	PIM1_HUMAN	Fu	60961	ade	1YI4	2EVA	2O63		Sc=6.40594, min distance = 2.15304
M3K7_HUMAN	F1	6021	inos	TMPC_TREPA	Fu	60961	ade	2FQY	2EVA	2FQW	0.79	Sc=6.17038, min distance = 2.76253
M3K7_HUMAN	F1	6802	guar	A5KE01_PLAVI	l	60961	ade	2PGF	2EVA	2QVN	0.79	Sc=6.23554, min distance = 2.57718
M3K7_HUMAN	F1	6802	guar	TMPC_TREPA	Fu	60961	ade	2FQY	2EVA	2FQX	0.79	Sc=6.24216, min distance = 2.56497
M3K7_HUMAN	F1	97184	6-M	DEOD_ECOLI	Fu	60961	ade	1PK7	2EVA	1OVG	0.9	Sc=6.14068, min distance = 1.21460
MAAI_HUMAN	F1	115260	S-	GSTM2_HUMAN	F1	124886	g1	1XW5	1FW1	2AB6	0.94	Sc=5.94287, min distance = 2.43118
MAAI_HUMAN	F1	97536	Hex	GSTP1_MOUSE	F1	124886	g1	1GSY	1FW1	2GLR	0.9	Sc=6.56777, min distance = 1.42997

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MAAI_HUMAN	F1	97536	Hex	GSTP_ONCVO	Fu	124886	g1	1TU7	1FW1	1TU8	0.9	Sc=6.56652, min distance = 2.437969
MAAI_MOUSE	F1	115260	S	GSTM2_HUMAN	F1	124886	g1	1XW5	2CZ2	2AB6	0.94	Sc=6.41392, min distance = 1.944430
MAAI_MOUSE	F1	444104	II	GSTP1_MOUSE	F1	124886	g1	1GSY	2CZ2	1GLP	0.9	Sc=6.42654, min distance = 1.992729
MAAI_MOUSE	F1	97536	Hex	GSTP1_MOUSE	F1	124886	g1	1GSY	2CZ2	2GLR	0.9	Sc=6.58556, min distance = 1.723540
MALE_ECOLI	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	2NVU	2UW5		Sc=6.12698, min distance = 2.385650
MALE_ECOLI	F1	16122632		KAPCA_BOVIN	F1	5957	Aden	1Q24	2NVU	2UVZ		Sc=6.37965, min distance = 2.102440
MALE_ECOLI	F1	17751819		KAPCA_BOVIN	F1	5957	Aden	1Q24	2NVU	2VO6		Sc=6.29212, min distance = 2.367948
MALE_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2NVU	1Q8W		Sc=5.99195, min distance = 2.245860
MALE_ECOLI	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1ANF	1DTU		Sc=5.68403, min distance = 1.450618
MALE_ECOLI	F1	445916	be	XYLA_STRRU	Fu	64960	Pol	1XIE	1LAX	1GW9	0.82	Sc=5.64704, min distance = 2.733228
MALE_ECOLI	F1	446000	CI	AMYP_PIG	Full	79025	alp	1HX0	1ANF	1JFH	0.83	Sc=5.7389, min distance = 2.022522
MALE_ECOLI	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	2NVU	1Q8T		Sc=6.17099, min distance = 2.215734
MALE_ECOLI	F1	449571	CI	CDGT1_BACCI	F1	79025	alp	1CGU	1ANF	6CGT		Sc=5.80997, min distance = 2.303498
MALE_ECOLI	F1	6022	Ader	REX_BACSU	Ful	5957	Aden	2VT3	2NVU	2VT2	0.99	Sc=6.4463, min distance = 1.960637
MALE_ECOLI	F1	64689	bet	Q9RX51_DEIRA	I	6255	malt	2BHZ	1IUD	2BY0	0.87	Sc=5.74332, min distance = 2.314498
MALE_ECOLI	F1	657035	CI	AMYB_SOYBN	Fu	79025	alp	1V3H	1ANF	1WDR	0.87	Sc=6.34855, min distance = 2.473082
MALE_ECOLI	F1	7027	gluc	Q9C171_PIREQ	I	79025	alp	1GWM	1ANF	1W8T		Sc=5.86264, min distance = 2.125598
MALE_ECOLI	F1	7048614	Z	XYLA_STRRU	Fu	64960	Pol	1XIE	1LAX	1XID		Sc=5.84152, min distance = 2.463289
MALE_ECOLI	F1	7427	treh	CONA_CANLI	Fu	657130	CI	2CYF	1YTV	2CY6	1	Sc=6.40245, min distance = 2.526309
MALE_ECOLI	F1	95259	L-x	XYLA_STRRU	Fu	64960	Pol	1XIE	1LAX	1XIC		Sc=5.74678, min distance = 2.490270
MALE_PYRFU	F1	193758	Va	CDGT2_BACCI	F1	79025	alp	1D3C	1ELJ	1DTU		Sc=5.86105, min distance = 1.112524
MALE_PYRFU	F1	23831	HEE	CDGT2_BACCI	F1	79025	alp	1D3C	1ELJ	1OT1		Sc=5.70919, min distance = 0.177259
MALE_PYRFU	F1	444139	CI	AMYP_PIG	Full	79025	alp	1HX0	1ELJ	1PIG		Sc=5.68067, min distance = 1.578218
MALE_PYRFU	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	1ELJ	1DTU		Sc=5.8065, min distance = 0.720762
MALE_PYRFU	F1	444440	AC	AMY1_HORVU	Fu	79025	alp	1RP8	1ELJ	1RP9		Sc=6.34963, min distance = 2.605054
MALE_PYRFU	F1	444915	GI	CDGT2_BACCI	F1	79025	alp	1D3C	1ELJ	1CXL	0.85	Sc=5.66645, min distance = 0.750090
MALE_PYRFU	F1	445237	1,	AMY1_HORVU	Fu	79025	alp	1RP8	1ELJ	1P6W	0.77	Sc=5.85815, min distance = 0.820060
MALE_PYRFU	F1	446000	CI	AMYP_PIG	Full	79025	alp	1HX0	1ELJ	1JFH	0.83	Sc=5.67768, min distance = 2.572759
MALE_PYRFU	F1	446685	Va	NEPU1_THEVU	F1	79025	alp	1UH4	1ELJ	1UH3		Sc=5.92347, min distance = 1.465744
MALE_PYRFU	F1	447600	CI	AMY1_HORVU	Fu	79025	alp	1RP8	1ELJ	1P6W	0.83	Sc=5.76468, min distance = 1.670808
MALE_PYRFU	F1	657034	1w	AMYB_SOYBN	Fu	79025	alp	1V3H	1ELJ	1WDQ		Sc=6.38028, min distance = 2.166170
MALK_ECOLI	F1	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	2AWN	2ETM		Sc=6.02053, min distance = 1.656670
MALK_ECOLI	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	1H1Q		Sc=5.91491, min distance = 1.921048
MALK_ECOLI	F1	16214823		CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	2UZB		Sc=5.90142, min distance = 2.220858
MALK_ECOLI	F1	24864081		CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	2VTS		Sc=6.08224, min distance = 1.881640
MALK_ECOLI	F1	25021197		CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	3EOC		Sc=6.00673, min distance = 1.765389
MALK_ECOLI	F1	447962	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	2C5N		Sc=5.71596, min distance = 2.730170

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MALK_ECOLI	F1	4565	1h1z	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	1H1R		Sc=5.93225, min distance = 1.917034
MALK_ECOLI	F1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	1H1S		Sc=5.95698, min distance = 1.481034
MALK_ECOLI	F1	5288016	6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	2B53		Sc=5.90244, min distance = 1.592644
MALK_ECOLI	F1	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	2C6K		Sc=5.81416, min distance = 2.147264
MALK_ECOLI	F1	5327135	D	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AWN	2C6M		Sc=5.80905, min distance = 2.036990
MALK_ECOLI	F1	5494449	T	STK6_HUMAN	Fu	6022	Aden	1MQ4	2AWN	3E5A		Sc=6.30902, min distance = 2.009628
MALK_ECOLI	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1Q12	2J9D	0.98	Sc=5.99332, min distance = 2.447831
MALK_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q12	2GNI		Sc=5.83279, min distance = 1.538660
MALK_ECOLI	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2AWN	1QYE	0.89	Sc=5.86383, min distance = 2.194487
MALK_ECOLI	F1	91532	AME	INSR_HUMAN	Fu	5957	Aden	3BU5	1Q12	1I44	0.99	Sc=6.32933, min distance = 1.646829
MALK_ECOUT	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2R6G	2VNW		Sc=6.02728, min distance = 1.661107
MALK_ECOUT	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	2R6G	2PE0		Sc=5.99436, min distance = 2.346990
MALK_ECOUT	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2R6G	1YDS		Sc=5.68323, min distance = 1.544509
MALQ_THELI	F1	447607	1c	PYGM_RABIT	Fu	79025	alp	1H5U	1K1W	2G9V		Sc=5.71337, min distance = 2.101260
MALQ_THELI	F1	6027	xyld	Q9ZB17_9LACT	I	79025	alp	1NSZ	1K1W	1MN0	0.93	Sc=5.64481, min distance = 2.396179
MALQ_THELI	F1	84571	lad	LECG_ARAHY	Fu	79025	alp	1V6I	1K1W	2PEL	0.87	Sc=6.4201, min distance = 2.007604
MAN2_DROME	F1	101798	Me	Q8XUA5_RALSO	I	185698	al	2CHH	3CZS	1UQX	0.94	Sc=5.88516, min distance = 2.465508
MAN2_DROME	F1	11957432		BGLA_THEMA	Fu	445248	nc	2J78	3D51	2J7E		Sc=6.2956, min distance = 2.098093
MAN2_DROME	F1	11957432		BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	2J7E	0.87	Sc=6.31471, min distance = 1.930264
MAN2_DROME	F1	11957433		BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	2J7F	0.89	Sc=6.22437, min distance = 2.025944
MAN2_DROME	F1	11957434		BGLA_THEMA	Fu	445248	nc	2J78	3D51	2J7G		Sc=6.09696, min distance = 2.221350
MAN2_DROME	F1	11957434		BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	2J7G	0.89	Sc=6.10047, min distance = 2.010230
MAN2_DROME	F1	11957435		BGLA_THEMA	Fu	445248	nc	2J78	3D51	2J7H		Sc=5.76107, min distance = 2.400137
MAN2_DROME	F1	11957435		BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	2J7H		Sc=5.76449, min distance = 2.444690
MAN2_DROME	F1	151504	D	CVN_NOSEL	Fu	185698	al	2RDK	3CZS	2PYS		Sc=5.90715, min distance = 2.062589
MAN2_DROME	F1	444885	O	Q309D1_9AGAR	I	24139	ace	2C4D	1PS3	2C25	0.79	Sc=6.30307, min distance = 0.536834
MAN2_DROME	F1	447413	NT	BGLA_THEMA	Fu	445248	nc	2J78	3D51	2J7B		Sc=6.02841, min distance = 2.166874
MAN2_DROME	F1	447413	NT	MYRA_SINAL	Fu	445248	nc	1E6S	3D51	1E6Q		Sc=6.02177, min distance = 2.110339
MAN2_DROME	F1	447651	CI	BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	2J77		Sc=5.89491, min distance = 2.016484
MAN2_DROME	F1	448963	2j	BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	2J79		Sc=6.0263, min distance = 2.011839
MAN2_DROME	F1	449101	nc	BGLA_THEMA	Fu	9549193	C	2CES	3D4Z	1W3J		Sc=5.70118, min distance = 2.561138
MAN2_DROME	F1	64947	alg	LEC_PEA	Fu	185698	al	1RIN	3CZS	1HKD	0.94	Sc=5.89127, min distance = 2.052314
MAN2_DROME	F1	9549194	C	BGAL_SULSO	Fu	445248	nc	1UWU	3D51	2CER		Sc=6.11185, min distance = 2.000481
MAOM_ASCSU	F1	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	100S	1T2E	0.77	Sc=6.25291, min distance = 2.077437
MAOM_ASCSU	F1	439153	Dj	ADH1B_HUMAN	F1	5893	nadi	1U3U	100S	1DEH	0.79	Sc=6.26114, min distance = 1.672610
MAOM_ASCSU	F1	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	100S	1BDM	0.79	Sc=5.81134, min distance = 2.000540
MAOM_ASCSU	F1	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	100S	1IHX		Sc=6.71496, min distance = 2.152934

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MAOM_ASCSU	F1	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	100S	1GZ4		Sc=6.4897, min distance = 0.5294006
MAOM_ASCSU	F1	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	100S	2BJA		Sc=6.18118, min distance = 1.870334
MAOM_HUMAN	F1	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1PJ3	1T2E	0.77	Sc=6.77014, min distance = 2.515387
MAOM_HUMAN	F1	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	1PJ3	1DRV	0.97	Sc=6.3253, min distance = 2.1367344
MAOM_HUMAN	F1	159296	1v	RNAS2_HUMAN	F1	5957	Aden	2C05	1GZ4	1HI4	0.99	Sc=5.9615, min distance = 1.4198901
MAOM_HUMAN	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1GZ4	1YDS		Sc=5.90878, min distance = 2.186971
MAOM_HUMAN	F1	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1PJ3	9LDT	0.77	Sc=6.7695, min distance = 2.5066306
MAOM_HUMAN	F1	439153	Di	ADH1E_HORSE	F1	5893	nadi	1MGO	1PJ3	2JHF	0.79	Sc=6.31926, min distance = 2.436844
MAOM_HUMAN	F1	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	1PJ3	1HL3	0.79	Sc=6.32869, min distance = 2.292666
MAOM_HUMAN	F1	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1PJ3	1BDM	0.79	Sc=6.77334, min distance = 2.416427
MAOM_HUMAN	F1	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1PJ3	1IHX		Sc=6.77468, min distance = 2.158109
MAOM_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1GZ4	1YDR		Sc=5.97177, min distance = 1.616152
MAOM_HUMAN	F1	6022	Ader	GLGS_SOLTU	Fu	5957	Aden	1YP3	1GZ4	1YP4	0.99	Sc=6.40657, min distance = 1.633204
MAOM_HUMAN	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1GZ4	1OH7	0.99	Sc=6.40508, min distance = 2.154952
MAOM_HUMAN	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1GZ4	3ETJ	0.99	Sc=5.94234, min distance = 1.541410
MAOM_HUMAN	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	1GZ4	2BEJ	0.99	Sc=6.39485, min distance = 1.945089
MAOM_HUMAN	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1GZ4	2R85	0.98	Sc=6.36157, min distance = 1.397572
MAOX_COLLI	F1	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1GQ2	1QYW		Sc=5.92439, min distance = 2.258252
MAOX_COLLI	F1	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1GQ2	1E7Y		Sc=6.35154, min distance = 1.889986
MAPK2_HUMAN	I	10109823		PIM1_HUMAN	Fu	444345	1c	1YHS	2PZY	3CY3	36.72	Sc=6.41041, min distance = 2.578319
MAPK2_HUMAN	I	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	3DDP	35.5	Sc=6.49515, min distance = 2.004599
MAPK2_HUMAN	I	11314340		KAPCA_BOVIN	F1	444345	1c	1STC	2PZY	2UZT	35.94	Sc=6.33163, min distance = 2.426242
MAPK2_HUMAN	I	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2E9U	33.67	Sc=6.18391, min distance = 2.836170
MAPK2_HUMAN	I	11502647		CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2GDO	33.67	Sc=6.33232, min distance = 2.202566
MAPK2_HUMAN	I	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	2PZY	2OF2	26.63	Sc=6.27252, min distance = 2.263751
MAPK2_HUMAN	I	11957417		CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2I40	35.5	Sc=6.31233, min distance = 2.093382
MAPK2_HUMAN	I	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1H1Q	35.5	Sc=6.20919, min distance = 2.649839
MAPK2_HUMAN	I	15602982		KAPCA_BOVIN	F1	444345	1c	1STC	2PZY	2UW6	35.94	Sc=6.04691, min distance = 2.255470
MAPK2_HUMAN	I	15942652		CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2DUV	35.5	Sc=6.28733, min distance = 2.136228
MAPK2_HUMAN	I	160355	rd	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	3DDQ	35.5	Sc=6.3191, min distance = 2.2568271
MAPK2_HUMAN	I	16122608		PDPK1_HUMAN	F1	444345	1c	1OKY	2PZY	2PE1	30.68	Sc=6.2882, min distance = 2.9170346
MAPK2_HUMAN	I	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2YWP	33.67	Sc=6.22784, min distance = 2.728597
MAPK2_HUMAN	I	16214823		CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2UZZ	35.5	Sc=6.03978, min distance = 2.180081
MAPK2_HUMAN	I	16214828		CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2UZO	35.5	Sc=5.95912, min distance = 2.686062
MAPK2_HUMAN	I	16758227		CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2R0U	33.67	Sc=6.51608, min distance = 2.497778
MAPK2_HUMAN	I	17754396		PDPK1_HUMAN	F1	444345	1c	1OKY	2PZY	2R7B	30.68	Sc=6.25043, min distance = 2.737334
MAPK2_HUMAN	I	1907917	2	CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2CGW	33.67	Sc=6.16831, min distance = 2.464657

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MAPK2_HUMAN	1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3F	35.5	Sc=5.91833, min distance = 2.808510
MAPK2_HUMAN	1	23653518	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3J	35.5	Sc=6.14228, min distance = 2.711190
MAPK2_HUMAN	1	23653519	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3K	35.5	Sc=6.04487, min distance = 2.601440
MAPK2_HUMAN	1	23653520	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3L	35.5	Sc=6.023, min distance = 2.75596462
MAPK2_HUMAN	1	23653521	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3M	35.5	Sc=6.30724, min distance = 2.165167
MAPK2_HUMAN	1	23653524	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3P	35.5	Sc=6.24674, min distance = 2.078659
MAPK2_HUMAN	1	23653526	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2R3R	35.5	Sc=6.11186, min distance = 2.687624
MAPK2_HUMAN	1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2E9P	33.67	Sc=6.22853, min distance = 2.446482
MAPK2_HUMAN	1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	3BHU	35.5	Sc=6.24477, min distance = 1.939898
MAPK2_HUMAN	1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2QHM	33.67	Sc=6.05142, min distance = 2.854259
MAPK2_HUMAN	1	24864081	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2VTS	35.5	Sc=6.25367, min distance = 2.260184
MAPK2_HUMAN	1	24905144	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2PZY	3ENE	35.5	Sc=6.16603, min distance = 2.796310
MAPK2_HUMAN	1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	3DOG	35.5	Sc=6.23524, min distance = 2.084220
MAPK2_HUMAN	1	33113 gar	IRAK4_HUMAN	Fu	444345	1c	2NRY	2PZY	2OID	34.62	Sc=5.99139, min distance = 1.999899
MAPK2_HUMAN	1	3543 1g5s	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1G5S	35.5	Sc=6.40897, min distance = 2.131749
MAPK2_HUMAN	1	3547 Fasu	KAPCA_BOVIN	Fu	444345	1c	1STC	2PZY	1Q8W	35.94	Sc=5.89062, min distance = 2.726274
MAPK2_HUMAN	1	3973 nche	PIM1_HUMAN	Fu	444345	1c	1YHS	2PZY	1YI3	36.72	Sc=5.8758, min distance = 2.2071178
MAPK2_HUMAN	1	4369136 C	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1DM2	35.5	Sc=6.22322, min distance = 3.057572
MAPK2_HUMAN	1	445966 06	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1H0V	35.5	Sc=6.03133, min distance = 2.706267
MAPK2_HUMAN	1	447649 1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1OI9	35.5	Sc=6.2868, min distance = 2.8006290
MAPK2_HUMAN	1	447655 1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1OIU	35.5	Sc=6.21979, min distance = 2.800880
MAPK2_HUMAN	1	447766 1g	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1P2A	35.5	Sc=6.24771, min distance = 2.280377
MAPK2_HUMAN	1	448043 2g	KAPCA_BOVIN	Fu	444345	1c	1STC	2PZY	1Q8U	35.94	Sc=5.95001, min distance = 2.616728
MAPK2_HUMAN	1	448293 CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1R78	35.5	Sc=6.40141, min distance = 2.130600
MAPK2_HUMAN	1	449240 1y	KAPCA_BOVIN	Fu	444345	1c	1STC	2PZY	1YDR	35.94	Sc=5.88549, min distance = 2.605268
MAPK2_HUMAN	1	4565 1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1H1R	35.5	Sc=6.21571, min distance = 2.803562
MAPK2_HUMAN	1	4566 1h1s	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1H1S	35.5	Sc=6.10593, min distance = 2.885517
MAPK2_HUMAN	1	5288641 i	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1E9H	35.5	Sc=6.20471, min distance = 2.347990
MAPK2_HUMAN	1	5326739 i	GSK3B_HUMAN	Fu	444345	1c	1Q3D	2PZY	1Q41	37.97	Sc=6.32316, min distance = 1.631559
MAPK2_HUMAN	1	5327121 I	PIM1_HUMAN	Fu	444345	1c	1YHS	2PZY	2C3I	36.72	Sc=6.23388, min distance = 2.085747
MAPK2_HUMAN	1	5327123 I	CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	2C3L	33.67	Sc=6.05208, min distance = 2.641398
MAPK2_HUMAN	1	5331010 c	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2BKZ	35.5	Sc=6.2569, min distance = 2.2898687
MAPK2_HUMAN	1	5494414 C	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2A0C	35.5	Sc=6.39749, min distance = 2.186477
MAPK2_HUMAN	1	6083 ader	PIM1_HUMAN	Fu	444345	1c	1YHS	2PZY	1YXU	36.72	Sc=6.32215, min distance = 1.791099
MAPK2_HUMAN	1	6420139 C	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	2C5V	35.5	Sc=6.03787, min distance = 2.464604
MAPK2_HUMAN	1	6852166	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2PZY	2CHX	35.5	Sc=6.18623, min distance = 2.162208
MAPK2_HUMAN	1	6852207 M	KAPCA_BOVIN	Fu	444345	1c	1STC	2PZY	2GNI	35.94	Sc=5.89062, min distance = 2.035850

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MAPK2_HUMAN	1	72271	7-H	CHK1_HUMAN	Fu	444345	1c	1NVR	2PZY	1NVQ	33.67	0.91	Sc=6.44148, min distance = 2.653016	
MAPK2_HUMAN	1	72271	7-H	PDPK1_HUMAN	Fu	444345	1c	1OKY	2PZY	1OKZ	30.68	0.91	Sc=6.43142, min distance = 2.605292	
MAPK2_HUMAN	1	9547890	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	2PZY	1W8C	35.5		Sc=6.16626, min distance = 2.618025	
MARR_ECOLI	Ft	3059	dif1	ALBU_HUMAN	Fu	338	salic	2I2Z	1JGS	2BXE		0.86	Sc=5.99967, min distance = 0.918608	
MARR_ECOLI	Ft	8631	3,5-	ALBU_HUMAN	Fu	338	salic	2I2Z	1JGS	2BXL			Sc=5.64022, min distance = 2.132409	
MASZ_ECOLI	Ft	445892	1c	ACES_TORCA	Fu	8200	TETR	1DX6	1P7T	1GQR			Sc=5.61111, min distance = 0.760939	
MASZ_MYCTU	Ft	5962	L-ly	RBCMT_PEA	Ful	23831	HEP	1MLV	2GQ3	2H2E			Sc=5.60208, min distance = 1.850666	
MBL1_RAT	Ful	445948	D-	Q9HYN5_PSEAE	1	446578	1r	2JDP	1KWW	1OXC			Sc=5.69341, min distance = 1.993031	
MBL1_RAT	Ful	6102754	2	Q9HYN5_PSEAE	1	444863	is	1OXC	1KWX	2BOJ		0.9	Sc=5.60554, min distance = 1.768369	
MBL2_RAT	Ful	101798	Me	MBL1_RAT	Full	82313	1rd	1KWV	1RDN	1KWU			Sc=5.73074, min distance = 2.050798	
MBL2_RAT	Ful	101798	Me	Q9HYN5_PSEAE	1	444863	is	1OXC	1RDJ	2JDN		0.96	Sc=5.68353, min distance = 1.901978	
MCEL_VACCW	Ft	12771338		MCES_HUMAN	Fu	439155	Ad	3BGV	2VDW	3EPP		0.88	Sc=6.58436, min distance = 1.368699	
MCEL_VACCW	Ft	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2VDW	1JQE		0.95	Sc=6.54215, min distance = 1.519334	
MCEL_VACCW	Ft	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	2VDW	1QAQ		0.88	Sc=6.58646, min distance = 1.679811	
MCEL_VACCW	Ft	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	2VDW	1NW6		0.88	Sc=6.12309, min distance = 1.912235	
MCES_ENCCU	Ft	445762	5'	MTTA_THEAQ	Fu	34756	Acy	2ADM	1RI4	2IH2		0.93	Sc=6.31156, min distance = 1.845727	
MCES_ENCCU	Ft	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1RI4	1H1D		0.92	Sc=6.49998, min distance = 2.257359	
MCES_ENCCU	Ft	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1RI1	1JQE		0.95	Sc=6.04259, min distance = 2.302631	
MCES_ENCCU	Ft	5326531	C	CHOMT_MEDSA	Ft	34756	Acy	1FPQ	1RI4	1FP1		0.92	Sc=6.50451, min distance = 2.115561	
MCES_ENCCU	Ft	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1RI1	1JG2		0.84	Sc=6.24966, min distance = 2.925409	
MCES_HUMAN	Ft	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	3BGV	1Z3C		0.91	Sc=6.49921, min distance = 2.122626	
MCES_HUMAN	Ft	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	3BGV	1JQE		0.95	Sc=6.45007, min distance = 2.528201	
MCES_HUMAN	Ft	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	3BGV	1JG2		0.84	Sc=6.2103, min distance = 2.7224108	
MCES_HUMAN	Ft	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	3BGV	2HV9		0.88	Sc=6.04309, min distance = 2.055669	
MCES_HUMAN	Ft	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	3BGV	1NW6		0.88	Sc=5.77058, min distance = 2.178157	
MCES_HUMAN	Ft	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	3BGV	2ZBR		0.88	Sc=6.07411, min distance = 2.750596	
MCE_PBCV1	Fu	440641	1n	F261_RAT	Full	6830	guan	1C80	1CKM	1TIP			Sc=5.88189, min distance = 1.332871	
MCR_HUMAN	Fu	11987686		P71278_ENTCL	1	5994	prog	2ABA	2AA6	1H61			Sc=6.44096, min distance = 2.305238	
MCR_HUMAN	Fu	11987785		PRGR_HUMAN	Fu	5994	prog	1A28	2AA6	1SQN		56.85	0.78	Sc=6.08782, min distance = 1.781169
MCR_HUMAN	Fu	13472	Bo1	P71278_ENTCL	1	5994	prog	2ABA	2AA6	1H62		0.96	Sc=6.02791, min distance = 2.595878	
MCR_HUMAN	Fu	24860529		AK1D1_HUMAN	Ft	5865	pred	3CMF	2AAX	3CAV			Sc=6.09595, min distance = 1.779432	
MCR_HUMAN	Fu	261000	Me	PRGR_HUMAN	Fu	5994	prog	1A28	2AA6	1E3K		56.85	Sc=6.0593, min distance = 1.6429681	
MCR_HUMAN	Fu	4369524	T	PRGR_HUMAN	Fu	5994	prog	1A28	2AA6	1ZUC		56.85	Sc=6.01578, min distance = 1.460969	
MCR_HUMAN	Fu	445033	CI	P71278_ENTCL	1	5994	prog	2ABA	2AA6	1H60		0.8	Sc=6.09701, min distance = 2.769351	
MDHC_PIG	Ful	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	5MDH	1T2E		0.77	Sc=6.3076, min distance = 2.3823192	
MDHC_PIG	Ful	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	5MDH	9LDT		0.77	Sc=6.30671, min distance = 2.217818	
MDHC_PIG	Ful	439153	D1	ADH1B_HUMAN	Ft	5893	nadi	1U3U	5MDH	1DEH		0.79	Sc=6.75142, min distance = 2.040941	

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MDHC_PIG	Ful: 439153	Di	CTBP1_RAT	Ful: 5893	nadi	1HKU	5MDH	1HL3	0.79	Sc=6.75057, min distance = 1.601286		
MDHC_PIG	Ful: 440141	9i	G6PD_LEUME	Ful: 5893	nadi	1H94	5MDH	1E7Y		Sc=5.64484, min distance = 2.007401		
MDHC_PIG	Ful: 440516	CI	MDH_THETH	Ful: 5893	nadi	1BMD	5MDH	1BDM	0.79	Sc=6.75794, min distance = 2.434996		
MDHC_PIG	Ful: 445794	AD	ADHX_HUMAN	Ful: 5893	nadi	2FZW	5MDH	2FZE		Sc=6.59616, min distance = 2.474586		
MDHC_PIG	Ful: 6083	ader	NADE_ECOLI	Ful: 5893	nadi	1WXH	5MDH	1WXI		Sc=6.29104, min distance = 2.220479		
MDHG_CITLA	Fu	51 2-Oxop	SERA_ECOLI	Ful: 311	citri	2P9E	1SMK	1YBA	0.76	Sc=5.71244, min distance = 1.221702		
MDHM_HUMAN	Fu	11987786	LDH_PLAFD	Ful: 5893	nadi	1T2D	2DFD	1T2E	0.77	Sc=6.33328, min distance = 2.458582		
MDHM_HUMAN	Fu	123927	A3	DAPB_ECOLI	Ful: 5893	nadi	1DRU	2DFD	1DRV	0.97	Sc=6.76809, min distance = 2.142799	
MDHM_HUMAN	Fu	440516	CI	MDH_THETH	Ful: 5893	nadi	1BMD	2DFD	1BDM	0.79	Sc=6.78437, min distance = 2.647749	
MDHM_HUMAN	Fu	445794	AD	ADHX_HUMAN	Ful: 5893	nadi	2FZW	2DFD	2FZE		Sc=6.62283, min distance = 2.601292	
MDHM_HUMAN	Fu	6102709	A	LDH_PLAFD	Ful: 5893	nadi	1T2D	2DFD	2A94	0.88	Sc=6.76479, min distance = 2.548859	
MDHM_HUMAN	Fu	6420113	C	MDH_THETH	Ful: 5893	nadi	1BMD	2DFD	1WZI	0.77	Sc=6.2151, min distance = 1.9098516	
MDHM_PIG	Ful: 12136	Ber	POL_HV1N5	Ful: 311	citri	2GON	1MLD	9HVP		Sc=5.65082, min distance = 1.453244		
MDHM_PIG	Ful: 439183	1i	TPIS_TRYBB	Ful: 311	citri	2VEK	1MLD	1IIH		Sc=5.63798, min distance = 2.306221		
MDHM_PIG	Ful: 445607	AT	ACON_BOVIN	Ful: 311	citri	1C96	1MLD	1FGH		Sc=5.93582, min distance = 1.558271		
MDHM_PIG	Ful: 447376	2-	ACON_BOVIN	Ful: 311	citri	1C96	1MLD	1NIS		Sc=5.83924, min distance = 1.456647		
MDHM_PIG	Ful: 51	2-Oxop	SERA_ECOLI	Ful: 311	citri	2P9E	1MLD	1YBA	0.76	Sc=5.68485, min distance = 2.812781		
MDH_AQUAR	Fu	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1B8V	1DEH	0.79	Sc=6.30496, min distance = 2.374329
MDH_AQUAR	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1B8V	2FZE		Sc=6.12919, min distance = 2.604761
MDH_CHLAA	Fu	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1UR5	1DEH	0.79	Sc=6.30727, min distance = 2.264431
MDH_CHLAA	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1UR5	1BDM	0.79	Sc=6.32415, min distance = 2.489699
MDH_CHLAA	Fu	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1UR5	1IHX		Sc=6.79525, min distance = 0.672016
MDH_CHLTE	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1GUZ	1I3K	0.79	Sc=6.75955, min distance = 1.691111
MDH_CHLTE	Fu	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1GUZ	2JHF	0.79	Sc=6.74086, min distance = 2.661771
MDH_CHLTE	Fu	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	1GUZ	1HL3	0.79	Sc=6.75501, min distance = 2.421228
MDH_CHLTE	Fu	440141	9i	G6PD_LEUME	Fu	5893	nadi	1H94	1GUZ	1E7Y		Sc=5.64194, min distance = 1.884629
MDH_CHLTE	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1GUZ	1BDM	0.79	Sc=6.32037, min distance = 2.561596
MDH_CHLTE	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1GUZ	2FZE		Sc=6.60035, min distance = 2.627557
MDH_CHLTE	Fu	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1GUZ	1IHX		Sc=6.75542, min distance = 1.978294
MDH_CHLVI	Fu	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	1GUZ	1DRV	0.97	Sc=6.00753, min distance = 2.100940
MDH_CHLVI	Fu	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1GUZ	1I3K	0.79	Sc=6.75955, min distance = 1.691111
MDH_CHLVI	Fu	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1GUZ	2JHF	0.79	Sc=6.74086, min distance = 2.661771
MDH_CHLVI	Fu	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	1GUZ	1HL3	0.79	Sc=6.75501, min distance = 2.421228
MDH_CHLVI	Fu	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1GUZ	1BDM	0.79	Sc=6.32037, min distance = 2.561596
MDH_CHLVI	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1GUZ	2FZE		Sc=6.60035, min distance = 2.627557
MDH_CHLVI	Fu	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1GUZ	1IHX		Sc=6.75542, min distance = 1.978294
MDH_ECOLI	Fu	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1EMD	1T2E	0.77	Sc=6.33828, min distance = 2.486609

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MDH_ECOLI	Fu: 439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1EMD	1DEH	0.79	Sc=6.7781, min distance = 2.3570379
MDH_ECOLI	Fu: 439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	1EMD	2JHF	0.79	Sc=6.76491, min distance = 2.524282
MDH_ECOLI	Fu: 439153	Di	CTBP1_RAT	Fu: 5893	nadi	1HKU	1EMD	1HL3	0.79	Sc=6.77913, min distance = 2.253656
MDH_ECOLI	Fu: 440516	CI	MDH_THETH	Fu: 5893	nadi	1BMD	1EMD	1BDM	0.79	Sc=6.78767, min distance = 2.106737
MDH_ECOLI	Fu: 445794	AD	ADHX_HUMAN	Fu: 5893	nadi	2FZW	1EMD	2FZE		Sc=6.63239, min distance = 2.589511
MDH_HALMA	Fu: 11987786		LDH_PLAFD	Fu: 5893	nadi	1T2D	1O6Z	1T2E	0.77	Sc=6.29237, min distance = 2.325256
MDH_HALMA	Fu: 123927	AG	DAPB_ECOLI	Fu: 5893	nadi	1DRU	1O6Z	1DRV	0.97	Sc=6.72286, min distance = 1.986530
MDH_HALMA	Fu: 439153	Di	ADH1E_HORSE	Fu: 5893	nadi	1MGO	1O6Z	2JHF	0.79	Sc=6.73389, min distance = 2.572035
MDH_HALMA	Fu: 439153	Di	CTBP1_RAT	Fu: 5893	nadi	1HKU	1O6Z	1HL3	0.79	Sc=6.74943, min distance = 1.639442
MDH_HALMA	Fu: 439153	Di	Q9BJJ9_PLAFA	Fu: 5893	nadi	1UH5	1O6Z	1V35	0.79	Sc=6.74888, min distance = 1.977115
MDH_HALMA	Fu: 440516	CI	MDH_THETH	Fu: 5893	nadi	1BMD	1O6Z	1BDM	0.79	Sc=6.30671, min distance = 2.479224
MDH_HALMA	Fu: 445794	AD	G3P_PALVE	Fu: 5893	nadi	1DSS	1O6Z	1IHY		Sc=6.65359, min distance = 1.463862
MDH_HALMA	Fu: 446288	NA	G3P_PALVE	Fu: 5893	nadi	1DSS	1O6Z	1IHX		Sc=6.7282, min distance = 2.1418302
MDH_HALMA	Fu: 6102710	AF	Q4PRK9_PLAVI	Fu: 5893	nadi	2A92	1O6Z	2AA3	0.95	Sc=6.74182, min distance = 2.586528
MDH_METJA	Fu: 440141	9i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	1HYG	1QYW		Sc=5.90466, min distance = 2.095132
MDH_METJA	Fu: 440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	1HYG	1E7Y		Sc=6.34315, min distance = 2.247424
MDH_METJA	Fu: 440141	9i	GSHR_HUMAN	Fu: 5886	NADF	3DJJ	1HYG	1GRA		Sc=5.99431, min distance = 2.260405
MDH_METJA	Fu: 445473	NA	GFO_ZYMMO	Fu: 5886	NADF	1H6D	1HYG	1RYD	0.95	Sc=6.40624, min distance = 2.032984
MDH_THETH	Fu: 11987786		LDH_PLAFD	Fu: 5893	nadi	1T2D	1BMD	1T2E	0.77	Sc=6.73957, min distance = 2.680741
MDH_THETH	Fu: 439153	Di	ADH1B_HUMAN	Fu: 5893	nadi	1U3U	1BMD	1DEH	0.79	Sc=6.75183, min distance = 2.397756
MDLB_PSEPU	Fu: 444302	4r	GOX_SPIOL	Fu: 444243	FA	1GOX	1P4C	1AL7	41.33	Sc=6.20737, min distance = 2.273168
MDLB_PSEPU	Fu: 446995	FM	CYB2_YEAST	Fu: 444243	FA	1KBI	1P4C	1LTD	32.32	0.77 Sc=6.21601, min distance = 2.134492
MDLC_PSEPU	Fu: 10364977		OXC_OXAFO	Fu: 124687	1r	2C31	1Q6Z	2JI6	23.09	Sc=6.46474, min distance = 2.552184
MDLC_PSEPU	Fu: 13294447		DCIP_AZOBR	Fu: 1132	thia	2NXW	1BFD	2Q5Q	24.76	Sc=5.74726, min distance = 2.396727
MDLC_PSEPU	Fu: 445886	CI	TKT1_YEAST	Fu: 1132	thia	1TRK	1BFD	1GPU	0.91	Sc=5.77523, min distance = 2.169371
MDLC_PSEPU	Fu: 448671	2r	ILVB_YEAST	Fu: 1132	thia	1N0H	1BFD	1T9B	27.04	Sc=5.61588, min distance = 2.900874
MDLC_PSEPU	Fu: 448673	PE	ILVB_YEAST	Fu: 1132	thia	1N0H	1BFD	1T9B	27.04	Sc=5.8115, min distance = 2.3296106
MDLC_PSEPU	Fu: 448721	N3	TKT1_YEAST	Fu: 1132	thia	1TRK	1BFD	1TKA		Sc=6.43887, min distance = 2.181331
MDLC_PSEPU	Fu: 448723	1t	TKT1_YEAST	Fu: 1132	thia	1TRK	1BFD	1TKC	0.77	Sc=6.46245, min distance = 2.352222
MDLC_PSEPU	Fu: 6102647	C	ODBA_HUMAN	Fu: 1132	thia	2BFD	1BFD	1WCI	0.9	Sc=6.12023, min distance = 2.162836
MDLC_PSEPU	Fu: 6102751	T	ODBA_HUMAN	Fu: 124687	1r	2BFF	1Q6Z	2BEW		Sc=6.15437, min distance = 2.344750
MDLC_PSEPU	Fu: 6518182	C	POXB_LACPL	Fu: 1132	thia	2EZ4	1BFD	2EZ9	24.86	0.94 Sc=5.81146, min distance = 2.258992
MDLC_PSEPU	Fu: 6518187	2	POXB_LACPL	Fu: 1132	thia	2EZ4	1BFD	2EZ8	24.86	0.87 Sc=5.81027, min distance = 2.226748
ME11A_HUMAN	I 12771338		MCES_HUMAN	Fu: 439155	Ad	3BGV	2EX4	3EPP	0.88	Sc=6.59138, min distance = 2.282235
ME11A_HUMAN	I 188380	Ac	MCES_ENCCU	Fu: 439155	Ad	1RI1	2EX4	1Z3C	0.91	Sc=6.59297, min distance = 2.152831
ME11A_HUMAN	I 446535	CI	HNMT_HUMAN	Fu: 439155	Ad	2AOT	2EX4	1JQE	0.95	Sc=6.5443, min distance = 2.1474231
ME11A_HUMAN	I 60961	ade	PIMT_PYRFU	Fu: 439155	Ad	1JG1	2EX4	1JG2	0.84	Sc=6.33515, min distance = 2.663661

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MEL1A_HUMAN	1	6420137	Q	O85726_STRCL	1	439155	Ad	2BR5	2EX4	2BR4			Sc=6.05952, min distance = 0.891305
MEL1A_HUMAN	1	65482	si	ERM_BACSU	Fu	439155	Ad	1QAN	2EX4	1QAQ	0.88		Sc=6.58253, min distance = 2.262545
MEL1A_HUMAN	1	65482	si	MCES_ENCCU	Fu	439155	Ad	1RI1	2EX4	2HV9	0.88		Sc=6.58743, min distance = 2.161335
MEL1A_HUMAN	1	65482	si	MTR1_RHOSH	Fu	439155	Ad	1NW7	2EX4	1NW6	0.88		Sc=6.59189, min distance = 2.018050
MEL1A_HUMAN	1	65482	si	PRMA_THET8	Fu	439155	Ad	3EGV	2EX4	2ZBR	0.88		Sc=6.58845, min distance = 2.493330
MENC_ECOLI	F	448580	N	Q44244_9PSEU	1	955	2-Suc	1SJB	1FHV	1SJA			Sc=5.78318, min distance = 1.685214
MENC_ECOLI	F	448581	N	Q44244_9PSEU	1	955	2-Suc	1SJB	1FHV	1SJC			Sc=6.17032, min distance = 2.017514
MENF_ECOLI	F	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	3BZM	1YBA	0.76		Sc=5.70422, min distance = 1.679720
MERA_PSEAE	F	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1ZK7	1E39	0.93		Sc=6.43069, min distance = 2.294470
MERA_PSEAE	F	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1ZK7	1QJD	0.98		Sc=6.43135, min distance = 2.341370
MERA_PSEAE	F	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1ZK7	1GXF	0.98		Sc=6.43156, min distance = 2.615190
MERA_PSEAE	F	446013	1	O28603_ARCFU	1	444188	CI	1JNR	1ZK7	1JNZ	0.94		Sc=6.15605, min distance = 2.034084
MERA_PSEAE	F	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1ZK7	3GRT	0.98		Sc=6.43519, min distance = 2.302730
MERA_PSEAE	F	6420174	Q	O28603_ARCFU	1	444188	CI	1JNR	1ZK7	2FJB	0.92		Sc=6.44586, min distance = 1.963120
MERA_PSEAE	F	6420174	Q	O28604_ARCFU	1	444188	CI	1JNR	1ZK7	2FJB	0.92		Sc=6.16443, min distance = 1.977784
MET10_HUMAN	1	122068	de	HNMT_HUMAN	Fu	439155	Ad	2AOT	2H00	2AOU			Sc=6.20726, min distance = 1.073550
MET10_HUMAN	1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2H00	1Z3C	0.91		Sc=6.55872, min distance = 2.134950
MET10_HUMAN	1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2H00	1JQE	0.95		Sc=6.51063, min distance = 2.441258
MET10_HUMAN	1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2H00	1JG2	0.84		Sc=6.28604, min distance = 2.565984
MET10_HUMAN	1	65482	si	ERM_BACSU	Fu	439155	Ad	1QAN	2H00	1QAQ	0.88		Sc=6.57185, min distance = 2.063105
MET10_HUMAN	1	65482	si	MCES_ENCCU	Fu	439155	Ad	1RI1	2H00	2HV9	0.88		Sc=6.55932, min distance = 2.087595
MET16_YEAST	1	8582	Inos	RNAS1_BOVIN	F	159296	1v	1O0F	2OQ2	1Z6D	0.79		Sc=6.40585, min distance = 1.228970
MET3_PENCH	F	12876354		PAPS1_HUMAN	F	10238	Ade	1XNJ	1I2D	2PEZ	41.24	0.94	Sc=6.41892, min distance = 1.312974
METK1_HUMAN	1	439182	5	Q70GK9_STRCT	1	34756	Acy	1RQP	2OBV	2CC2	0.86		Sc=6.18561, min distance = 1.682774
METK1_HUMAN	1	6852187	2	Q70GK9_STRCT	1	34756	Acy	1RQP	2OBV	2CBX	0.84		Sc=6.14196, min distance = 1.337890
METK1_RAT	Fu	4565	1h1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1O92	1H1R			Sc=5.73222, min distance = 2.461990
METK1_RAT	Fu	6852187	2	O57883_PYRHO	1	5957	Aden	2DTO	1O9T	2DTH			Sc=6.041, min distance = 2.1656880
METK2_HUMAN	1	439182	5	Q70GK9_STRCT	1	34756	Acy	1RQP	2P02	2CC2	0.86		Sc=6.1964, min distance = 1.6322662
METK2_HUMAN	1	6852187	2	Q70GK9_STRCT	1	34756	Acy	1RQP	2P02	2CBX	0.84		Sc=6.14715, min distance = 1.318534
MFNA_METJA	F	445062	CI	HEM1_RHOCA	Fu	1051	Code	2BWO	3F9T	2BWP	0.86		Sc=6.33353, min distance = 1.985494
MGSA_ECOLI	F	311	citri	TPIS_TRYBB	Fu	4797	1tpw	1TTJ	1IK4	2VEK			Sc=6.0496, min distance = 2.0015724
MGSA_ECOLI	F	439183	1i	TPIS_TRYBB	Fu	4797	1tpw	1TTJ	1IK4	1IIH			Sc=5.77693, min distance = 2.148712
MIOX_MOUSE	F	440115	N	SFTPD_HUMAN	F	892	myo-i	2OS9	2HUO	2ORJ			Sc=6.15342, min distance = 2.039980
MIOX_MOUSE	F	441481	ri	TRFL_BOVIN	Fu	892	myo-i	2R71	2HUO	2PX1			Sc=5.67266, min distance = 2.318404
MIOX_MOUSE	F	79025	alg	SFTPD_HUMAN	F	892	myo-i	2OS9	2HUO	1PWB			Sc=5.96872, min distance = 0.900964
MK01_RAT	Fu	27934	May	MK14_HUMAN	Fu	5164	3erk	1BL7	3ERK	1W84			Sc=5.9354, min distance = 2.7718400
MK01_RAT	Fu	5326871	1	MK14_HUMAN	Fu	5164	3erk	1BL7	3ERK	1WBW			Sc=5.97603, min distance = 2.083674

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MK12_HUMAN	Ft	3064778	ROCK1_HUMAN	Ft	33113	gar	2V55	1CM8	2ETK	Sc=6.07396, min distance = 1.996034
MK12_HUMAN	Ft	3547	ROCK1_HUMAN	Ft	33113	gar	2V55	1CM8	2ESM	Sc=5.94101, min distance = 2.052328
MK12_HUMAN	Ft	448005	GSK3B_HUMAN	Ft	33113	gar	1J1B	1CM8	1Q3W	Sc=6.33613, min distance = 2.119361
MK12_HUMAN	Ft	5327121	PIM1_HUMAN	Fu	33113	gar	1XR1	1CM8	2C3I	Sc=6.16042, min distance = 2.135500
MK12_HUMAN	Ft	91532	PURT_ECOLI	Fu	33113	gar	1EYZ	1CM8	1KJI	0.99 Sc=5.68057, min distance = 2.246730
MK14_HUMAN	Ft	445463	OPSD_BOVIN	Fu	62852	B-C	3DQB	2FST	3CAP	0.98 Sc=6.16844, min distance = 0.967485
MKNK2_HUMAN	I	10109823	PIM1_HUMAN	Fu	444345	1c	1YHS	2HW7	3CY3	Sc=6.31796, min distance = 2.795391
MKNK2_HUMAN	I	10126464	KAPCA_BOVIN	Ft	444345	1c	1STC	2HW7	2OH0	Sc=6.41536, min distance = 2.119607
MKNK2_HUMAN	I	10172943	KAPCA_BOVIN	Ft	444345	1c	1STC	2HW7	2JDS	Sc=6.4283, min distance = 2.338988
MKNK2_HUMAN	I	11175137	KAPCA_BOVIN	Ft	444345	1c	1STC	2HW7	2UW7	Sc=6.16193, min distance = 2.449137
MKNK2_HUMAN	I	11348631	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2E9U	Sc=6.12036, min distance = 2.215906
MKNK2_HUMAN	I	11502647	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2GDO	Sc=6.38322, min distance = 2.161205
MKNK2_HUMAN	I	11696113	KAPCA_BOVIN	Ft	444345	1c	1STC	2HW7	2VO3	Sc=6.27109, min distance = 2.306466
MKNK2_HUMAN	I	1540	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1H1Q	Sc=6.24129, min distance = 2.160867
MKNK2_HUMAN	I	15602983	KAPCA_BOVIN	Ft	444345	1c	1STC	2HW7	2UW5	Sc=6.04691, min distance = 2.397467
MKNK2_HUMAN	I	15942652	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2DUV	Sc=6.28314, min distance = 2.425534
MKNK2_HUMAN	I	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	2HW7	2OF4	Sc=6.22992, min distance = 2.297794
MKNK2_HUMAN	I	16113377	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2W17	Sc=6.3607, min distance = 2.447609
MKNK2_HUMAN	I	16122643	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2YWP	Sc=6.18225, min distance = 2.599617
MKNK2_HUMAN	I	16214825	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2UZE	Sc=6.22897, min distance = 2.703194
MKNK2_HUMAN	I	16758227	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2R0U	Sc=6.5359, min distance = 2.096980
MKNK2_HUMAN	I	1707	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1FVT	Sc=6.06399, min distance = 2.206700
MKNK2_HUMAN	I	17754396	PDPK1_HUMAN	Ft	444345	1c	1OKY	2HW7	2R7B	Sc=6.17434, min distance = 2.623784
MKNK2_HUMAN	I	1907917	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2CGW	Sc=6.00345, min distance = 2.551622
MKNK2_HUMAN	I	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2R3F	Sc=5.90348, min distance = 2.334828
MKNK2_HUMAN	I	23653518	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2R3J	Sc=6.08163, min distance = 2.240468
MKNK2_HUMAN	I	23653519	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2R3K	Sc=6.08785, min distance = 2.222731
MKNK2_HUMAN	I	23653520	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2R3L	Sc=6.18861, min distance = 2.172851
MKNK2_HUMAN	I	23653521	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2R3M	Sc=6.33512, min distance = 2.207395
MKNK2_HUMAN	I	23653524	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2R3P	Sc=6.0768, min distance = 2.158351
MKNK2_HUMAN	I	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2E9P	Sc=6.14522, min distance = 2.679801
MKNK2_HUMAN	I	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	3BHU	Sc=6.12976, min distance = 2.754622
MKNK2_HUMAN	I	24851689	PIM1_HUMAN	Fu	444345	1c	1YHS	2HW7	3CY2	Sc=6.12055, min distance = 2.178695
MKNK2_HUMAN	I	24901723	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2W06	Sc=6.1296, min distance = 2.465252
MKNK2_HUMAN	I	24905143	PK3CG_HUMAN	Ft	444345	1c	1E8Z	2HW7	2V4L	Sc=5.96904, min distance = 2.975232
MKNK2_HUMAN	I	24905144	PK3CG_HUMAN	Ft	444345	1c	1E8Z	2HW7	3ENE	Sc=6.15222, min distance = 2.786485
MKNK2_HUMAN	I	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	3DOG	Sc=6.15117, min distance = 2.305496

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MKNK2_HUMAN	1	24963033	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2W05		Sc=6.17857, min distance = 2.606259
MKNK2_HUMAN	1	24978497	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	3EID		Sc=6.35584, min distance = 2.421564
MKNK2_HUMAN	1	25021197	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	3EOC		Sc=6.08874, min distance = 2.623030
MKNK2_HUMAN	1	3543	1g5e	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1G5S	Sc=6.42039, min distance = 2.244330
MKNK2_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu	444345	1c	1STC	2HW7	1Q8W	Sc=5.88549, min distance = 2.570364
MKNK2_HUMAN	1	4369136	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1DM2	Sc=6.14708, min distance = 2.924047
MKNK2_HUMAN	1	445966	06	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1H0V	Sc=6.02212, min distance = 2.403039
MKNK2_HUMAN	1	446704	LS	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1KE6	Sc=6.22259, min distance = 2.471658
MKNK2_HUMAN	1	447654	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1OIT	Sc=6.10381, min distance = 2.421040
MKNK2_HUMAN	1	447766	1g	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1P2A	Sc=6.16375, min distance = 2.392689
MKNK2_HUMAN	1	447962	1g	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2C5N	Sc=6.08166, min distance = 2.896094
MKNK2_HUMAN	1	449240	1y	KAPCA_BOVIN	Fu	444345	1c	1STC	2HW7	1YDR	Sc=5.90321, min distance = 2.423084
MKNK2_HUMAN	1	449241	1y	KAPCA_BOVIN	Fu	444345	1c	1STC	2HW7	1YDT	Sc=6.08782, min distance = 2.074740
MKNK2_HUMAN	1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1H1R	Sc=5.91177, min distance = 2.371459
MKNK2_HUMAN	1	5281680	Q	PIM1_HUMAN	Fu	444345	1c	1YHS	2HW7	2O64	Sc=6.39781, min distance = 2.272987
MKNK2_HUMAN	1	5288708	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1KE5	Sc=6.0821, min distance = 2.3005179
MKNK2_HUMAN	1	5288710	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1KE7	Sc=6.29556, min distance = 2.299082
MKNK2_HUMAN	1	5288712	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1KE9	Sc=6.18519, min distance = 2.326170
MKNK2_HUMAN	1	5327110	1	KAPCA_BOVIN	Fu	444345	1c	1STC	2HW7	2C1B	Sc=6.09935, min distance = 2.056844
MKNK2_HUMAN	1	5327121	1	PIM1_HUMAN	Fu	444345	1c	1YHS	2HW7	2C3I	Sc=5.97271, min distance = 2.403416
MKNK2_HUMAN	1	5327123	1	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	2C3L	Sc=6.12054, min distance = 2.445683
MKNK2_HUMAN	1	5327134	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2C6L	Sc=6.11568, min distance = 2.357360
MKNK2_HUMAN	1	5494414	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2A0C	Sc=6.39566, min distance = 2.133247
MKNK2_HUMAN	1	5687	1di8	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1DI8	Sc=6.10026, min distance = 2.716407
MKNK2_HUMAN	1	6102670		CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1YKR	Sc=6.21878, min distance = 2.287059
MKNK2_HUMAN	1	6420138	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2UUE	Sc=6.23651, min distance = 2.630529
MKNK2_HUMAN	1	6420139	Q	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	2C5V	Sc=6.0821, min distance = 2.5314780
MKNK2_HUMAN	1	6539118	g	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1FVV	Sc=6.41956, min distance = 2.415169
MKNK2_HUMAN	1	656971	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1Y8Y	Sc=5.8673, min distance = 2.2869588
MKNK2_HUMAN	1	6852167	2	PK3CG_HUMAN	Fu	444345	1c	1E8Z	2HW7	2CHZ	Sc=6.15834, min distance = 2.403582
MKNK2_HUMAN	1	6852207	M	KAPCA_BOVIN	Fu	444345	1c	1STC	2HW7	2GNI	Sc=5.90171, min distance = 2.417629
MKNK2_HUMAN	1	6914611	g	KAPCA_BOVIN	Fu	444345	1c	1STC	2HW7	2F7E	Sc=6.34323, min distance = 2.253246
MKNK2_HUMAN	1	72271	7-H	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	1PKD	0.91 Sc=6.43632, min distance = 2.095310
MKNK2_HUMAN	1	72271	7-H	CHK1_HUMAN	Fu	444345	1c	1NVR	2HW7	1NVQ	0.91 Sc=6.42614, min distance = 2.209391
MKNK2_HUMAN	1	9817550	V	CDK2_HUMAN	Fu	444345	1c	1AQ1	2HW7	3BHV	Sc=6.30357, min distance = 2.166189
ML1_VISAL	Fu	323	couma	TRFL_BOVIN	Fu	444205	CI	2G93	1M2T	3CRB	Sc=5.61929, min distance = 1.374249
ML1_VISAL	Fu	446280	CI	RICI_RICCO	Fu	190	adeni	2P8N	1M2T	1IFU	40.56 Sc=6.25229, min distance = 2.135980

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ML1_VISAL Fu: 5287547	PURR_ECOLI Fu: 190 adeni	2PUB	1M2T	2PUA	0.9	Sc=5.82541, min distance = 2.523356		
ML1_VISAL Fu: 5287830	Q8RLY5_LACHE	190 adeni	1S2D	1M2T	1S2I	0.93	Sc=5.75386, min distance = 1.849000	
ML1_VISAL Fu: 764	guani	PURR_ECOLI Fu: 190 adeni	2PUB	1M2T	1WET		Sc=5.90012, min distance = 2.249436	
ML1_VISAL Fu: 790	hypox	PURR_ECOLI Fu: 190 adeni	2PUB	1M2T	1JFT		Sc=5.80589, min distance = 2.678329	
MLTA_ECOLI F: 104904	Me	IGKC_MOUSE Fu: 24139 ace	3BZ4	2PI8	2AJZ		Sc=5.81298, min distance = 1.586619	
MLTA_ECOLI F: 439353	be	AGI3_WHEAT Fu: 24139 ace	1K7U	2PI8	1K7V		Sc=5.7479, min distance = 1.9610135	
MLTA_ECOLI F: 439353	be	LYSC_CHICK Fu: 24139 ace	1LZB	2PI8	1UC0		Sc=5.69574, min distance = 1.659008	
MLTA_ECOLI F: 444305	L	PGRP_CAMDR Fu: 24139 ace	2R2K	2PI8	3C2X		Sc=5.84189, min distance = 1.118414	
MLTA_ECOLI F: 444863	is	Q97N96_STRPN	1 24139 ace	2J1V	2PI8	2J1S	Sc=5.71147, min distance = 1.212195	
MLTA_ECOLI F: 445595	CI	CHIA_SERMA Fu: 24139 ace	1K9T	2PI8	1FFQ		Sc=6.03171, min distance = 1.248306	
MLTA_ECOLI F: 445750	Al	AOA5D7_MOUSE	1 24139 ace	1M7I	2PI8	1M7D	0.96	Sc=5.94579, min distance = 2.290960
MLTA_ECOLI F: 446101	AC	HYSA_STRPN Fu: 24139 ace	1LXK	2PI8	1OJO		0.94	Sc=6.06814, min distance = 0.655674
MLTA_ECOLI F: 448431	CI	P84141_ARTAU	1 24139 ace	1RWC	2PI8	1RWH		Sc=5.65587, min distance = 1.745814
MLTA_ECOLI F: 6540269	2	HYSA_STRPN Fu: 24139 ace	1LXK	2PI8	2BRP			Sc=5.94712, min distance = 1.916536
MLTA_ECOLI F: 656981	CU	LYSC_CHICK Fu: 24139 ace	1LZB	2PI8	1YIL			Sc=6.17141, min distance = 0.971480
MLTB_ECOLI F: 185698	al	Q9HYN5_PSEAE	1 444205 CI	2JDH	1D0K	1OVS		Sc=5.7534, min distance = 1.3888459
MLTB_ECOLI F: 94214	Met	MBL1_RAT Full:	82313 1rd	1KWV	1D0M	1AFA		Sc=5.61167, min distance = 2.188932
MMAB_HUMAN F: 129236	2c	CKI1_SCHPO Fu: 5957 Aden	1CSN	2IDX	2CSN			Sc=5.70207, min distance = 2.293774
MMAB_HUMAN F: 6022	Ader	ACT1_DROME Fu: 5957 Aden	2HF4	2IDX	2HF3		0.99	Sc=5.8988, min distance = 2.0817497
MMAB_HUMAN F: 6022	Ader	HSP7F_YEAST Fu: 5957 Aden	3D2F	2IDX	3C7N		0.99	Sc=5.90816, min distance = 2.137557
MMP10_HUMAN	1 25049754	MMP12_HUMAN F: 448002	1r 1RMZ	1Q3A	3F18			Sc=6.07995, min distance = 2.120185
MMP10_HUMAN	1 25049755	MMP12_HUMAN F: 448002	1r 1RMZ	1Q3A	3F19			Sc=5.85775, min distance = 2.200350
MMP10_HUMAN	1 25049756	MMP12_HUMAN F: 448002	1r 1RMZ	1Q3A	3F1A			Sc=5.84946, min distance = 2.094790
MMP10_HUMAN	1 5362422	MMP12_HUMAN F: 448002	1r 1RMZ	1Q3A	1JK3			Sc=6.3339, min distance = 2.4995797
MMP13_HUMAN	1 1836 1g4k	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1G4K		66.23	Sc=6.4124, min distance = 2.0078620
MMP13_HUMAN	1 1948 1b8y	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1B8Y		66.23	Sc=6.15067, min distance = 1.986504
MMP13_HUMAN	1 4218 mmp	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1BQO		66.23	Sc=6.31513, min distance = 2.311167
MMP13_HUMAN	1 4369141	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1C3I		66.23	Sc=6.54895, min distance = 2.703637
MMP13_HUMAN	1 444789	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1CAQ		66.23	Sc=6.42105, min distance = 2.069330
MMP13_HUMAN	1 444831	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1CIZ		66.23	Sc=6.40804, min distance = 2.024786
MMP13_HUMAN	1 445010	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1D7X		66.23	Sc=6.20064, min distance = 2.138807
MMP13_HUMAN	1 446165	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1HY7		66.23	Sc=6.17341, min distance = 2.027212
MMP13_HUMAN	1 5287415	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1G49		66.23	Sc=6.18125, min distance = 1.770045
MMP13_HUMAN	1 5288814	MMP3_HUMAN Fu: 6914601	2 2D1O	2D1N	1D5J		66.23	Sc=6.14424, min distance = 2.352692
MMP1_HUMAN F: 446675	CI	MMP8_HUMAN Fu: 194777	ME 1MNC	1HFC	1KBC		66.67	Sc=5.96318, min distance = 2.664317
MMP3_HUMAN F: 657061	1y	MMP13_HUMAN F: 6914601	2 2D1N	2D1O	1YOU		66.23	Sc=6.43622, min distance = 1.983279
MMP8_HUMAN F: 164795	N	RBCMT_PEA Full:	23831 HEP	1MLV	1BZS	2H2J		Sc=5.63262, min distance = 2.270602

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MNMA_ECOLI	F1	445796 AN	ECX1_SULSO	Fu	6083	aden	2C38	2DEU	2C37			Sc=5.66898, min distance = 2.297146
MNMA_STRPN	F1	439182 5'	Q70GK9_STRCT	I	34756	Acy	1RQP	2HMA	2CC2	0.86		Sc=6.18169, min distance = 1.844170
MNMA_STRPN	F1	6852187 2	Q70GK9_STRCT	I	34756	Acy	1RQP	2HMA	2CBX	0.84		Sc=6.08495, min distance = 2.097706
MNME_ECOLI	F1	37792 gar	GNAI1_RAT	Fu	8977	ldar	1SVK	2GJ8	1AS0	0.99		Sc=6.09072, min distance = 2.646686
MNME_ECOLI	F1	37792 gar	RAB6B_HUMAN	Fu	8977	ldar	2E9S	2GJ8	2FFQ	0.99		Sc=6.1023, min distance = 2.4020166
MNME_ECOLI	F1	37792 gar	RAC1_HUMAN	Fu	8977	ldar	1RYF	2GJ8	2FJU	0.99		Sc=6.10766, min distance = 2.404566
MNME_ECOLI	F1	37792 gar	RB11A_HUMAN	Fu	8977	ldar	1OIX	2GJ8	1OIW	0.99		Sc=6.54147, min distance = 2.592464
MNME_ECOLI	F1	37792 gar	RHOA_HUMAN	Fu	8977	ldar	1TX4	2GJ8	1CXZ	0.99		Sc=6.10268, min distance = 2.436956
MNME_ECOLI	F1	444825 1c	PURA_ECOLI	Fu	8977	ldar	1QF5	2GJ8	1CH8	0.95		Sc=6.49642, min distance = 1.957151
MNME_ECOLI	F1	446248 CI	RAN_HUMAN	Fu	8977	ldar	3CH5	2GJ8	1IBR			Sc=6.12367, min distance = 2.212366
MNME_ECOLI	F1	446248 CI	RASH_HUMAN	Fu	8977	ldar	2CE2	2GJ8	1IAQ			Sc=6.1003, min distance = 2.5687851
MNME_ECOLI	F1	6804 guar	EF1A_YEAST	Fu	8977	ldar	2B7B	2GJ8	1G7C	0.99		Sc=5.99287, min distance = 2.681449
MNME_ECOLI	F1	8582 Inos	PURA1_MOUSE	Fu	8977	ldar	1LON	2GJ8	1IWE	0.99		Sc=5.95264, min distance = 2.809250
MNME_ECOLI	F1	93082 Gak	CDC42_HUMAN	Fu	8977	ldar	2NGR	2GJ8	2ODB	0.99		Sc=6.13315, min distance = 2.322727
MNME_ECOLI	F1	93082 Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	2GJ8	2QME	0.99		Sc=6.13984, min distance = 2.256258
MOBA_ECOLI	F1	51 2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1E5K	1YBA	0.76		Sc=5.84986, min distance = 1.400601
MOEB_ECOLI	F1	15602983	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1JWA	2UW5			Sc=5.98705, min distance = 2.040196
MOEB_ECOLI	F1	2519 caff	PYGM_RABIT	Fu	6083	aden	8GPB	1JWB	1GFZ			Sc=5.84677, min distance = 2.057514
MOEB_ECOLI	F1	448042 2e	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1JWA	1Q8T			Sc=6.1463, min distance = 2.3767332
MOEB_ECOLI	F1	5893 nadi	KTRA_BACSU	Fu	5957	Aden	2HMW	1JWA	1LSU			Sc=6.30231, min distance = 1.359742
MOEB_ECOLI	F1	6022 Ader	REX_BACSU	Fu	5957	Aden	2VT3	1JWA	2VT2	0.99		Sc=6.43155, min distance = 1.939432
MOEB_ECOLI	F1	6030 Uric	ECX1_SULSO	Fu	6083	aden	2C38	1JWB	2C37			Sc=6.33461, min distance = 0.371269
MOEB_ECOLI	F1	656968 1y	PDE4B_HUMAN	Fu	6083	aden	1ROR	1JWB	1Y2H			Sc=6.00938, min distance = 2.025910
MOEB_ECOLI	F1	6804 guar	PDE10_HUMAN	Fu	6083	aden	2OUN	1JWB	2OUQ	0.8		Sc=6.43215, min distance = 0
MOSA_AZOVI	F1	6022 Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	2OGX	2ZDH	0.99		Sc=6.44188, min distance = 1.858161
MOXC_BACSU	F1	5326566 1	BLVRB_HUMAN	Fu	444243	FA	1HE4	1YW1	1HE5	0.82		Sc=5.89257, min distance = 2.536219
MOXC_BACSU	F1	5326566 1	Q9WZW1_THEMA	I	444243	FA	1T6Y	1YW1	1S4M	0.82		Sc=5.87931, min distance = 2.381986
MP2K1_HUMAN	I	11175137	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	2UW7	29.44		Sc=6.21777, min distance = 2.281154
MP2K1_HUMAN	I	11608401	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	2UVY	29.44		Sc=6.12603, min distance = 2.697657
MP2K1_HUMAN	I	11708454	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	2VNW	29.44		Sc=6.03565, min distance = 2.327832
MP2K1_HUMAN	I	15602983	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	2UW5	29.44		Sc=6.12453, min distance = 2.591276
MP2K1_HUMAN	I	16122607	PDPK1_HUMAN	Fu	5957	Aden	2BIY	1S9J	2PE0	28.77		Sc=6.1787, min distance = 2.7491180
MP2K1_HUMAN	I	16122633	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	2UW0	29.44		Sc=6.3797, min distance = 2.3164466
MP2K1_HUMAN	I	17751819	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	2VO6	29.44		Sc=6.28836, min distance = 2.327325
MP2K1_HUMAN	I	3540 1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	1YDS	29.44		Sc=5.88003, min distance = 2.684329
MP2K1_HUMAN	I	3547 Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	1Q8W	29.44		Sc=5.92379, min distance = 2.158655
MP2K1_HUMAN	I	444564 AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1S9J	1BS1	0.91		Sc=6.37695, min distance = 2.306845

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MP2K1_HUMAN	1	444564	Ad	MYS2_DICDI	Fu	5957	Aden	1FMW	1S9J	1W9I	0.91	Sc=5.60858, min distance = 0
MP2K1_HUMAN	1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1S9J	1ZTF	0.94	Sc=6.07287, min distance = 2.52715
MP2K1_HUMAN	1	448043	2c	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	1Q8U	29.44	Sc=6.00119, min distance = 2.66667
MP2K1_HUMAN	1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9J	1YDR	29.44	Sc=5.94101, min distance = 2.33202
MP2K1_HUMAN	1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1S9J	1DAD	0.99	Sc=6.37875, min distance = 2.61329
MP2K1_HUMAN	1	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	1S9J	2JA3	0.99	Sc=6.37789, min distance = 1.70286
MP2K1_HUMAN	1	6022	Ader	GLGS_SOLTU	Fu	5957	Aden	1YP3	1S9J	1YP4	0.99	Sc=6.37499, min distance = 1.46544
MP2K1_HUMAN	1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	1S9J	1NN3	0.99	Sc=6.34154, min distance = 2.19731
MP2K1_HUMAN	1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1S9J	1OH7	0.99	Sc=6.36101, min distance = 2.12114
MP2K1_HUMAN	1	6022	Ader	PDXK_SHEEP	Fu	5957	Aden	1LHR	1S9J	1RFU	0.99	Sc=6.37312, min distance = 2.03741
MP2K1_HUMAN	1	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	1S9J	2YZL	0.99	Sc=6.37312, min distance = 2.10399
MP2K1_HUMAN	1	6022	Ader	PURT_ECOLI	Fu	5957	Aden	1KJ8	1S9J	1KJQ	0.99	Sc=6.36004, min distance = 2.18096
MP2K1_HUMAN	1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1S9J	2BEJ	0.99	Sc=6.35076, min distance = 2.32716
MP2K1_HUMAN	1	6022	Ader	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1S9J	1ZTH	0.99	Sc=6.37789, min distance = 1.53522
MP2K1_HUMAN	1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1S9J	2V8Q	0.98	Sc=6.24461, min distance = 2.46976
MP2K1_HUMAN	1	91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1S9J	2Z09	0.99	Sc=5.70212, min distance = 2.05715
MP2K2_HUMAN	1	11175137		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	2UW7		Sc=6.21296, min distance = 2.09745
MP2K2_HUMAN	1	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	2UVY		Sc=6.13424, min distance = 2.50081
MP2K2_HUMAN	1	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	2VNW		Sc=6.07458, min distance = 1.77973
MP2K2_HUMAN	1	15602983		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	2UW5		Sc=6.15275, min distance = 2.20138
MP2K2_HUMAN	1	16122607		PDPK1_HUMAN	Fu	5957	Aden	2BIY	1S9I	2PE0		Sc=6.18811, min distance = 2.45680
MP2K2_HUMAN	1	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	1YDS		Sc=5.87874, min distance = 2.29722
MP2K2_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	1Q8W		Sc=5.94101, min distance = 1.85219
MP2K2_HUMAN	1	36735	Gpp	Q9RVK2_DEIRA	1	5957	Aden	1SU2	1S9I	1SZ3	0.8	Sc=6.477, min distance = 1.2403426
MP2K2_HUMAN	1	444564	Ad	MYS2_DICDI	Fu	5957	Aden	1FMW	1S9I	1W9I	0.91	Sc=6.33579, min distance = 0
MP2K2_HUMAN	1	444852	Cl	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1S9I	1COW	0.91	Sc=6.46629, min distance = 1.76091
MP2K2_HUMAN	1	446202	TF	SYW_BACST	Fu	5957	Aden	1MAU	1S9I	1I6K		Sc=5.83844, min distance = 2.19348
MP2K2_HUMAN	1	447004	Cl	MYS2_DICDI	Fu	5957	Aden	1FMW	1S9I	1LVK		Sc=6.01636, min distance = 0
MP2K2_HUMAN	1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1S9I	1ZTF	0.94	Sc=6.13668, min distance = 2.65954
MP2K2_HUMAN	1	448043	2c	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	1Q8U		Sc=6.00705, min distance = 2.35025
MP2K2_HUMAN	1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1S9I	1YDR		Sc=5.94848, min distance = 2.00294
MP2K2_HUMAN	1	5287416	C	INSR_HUMAN	Fu	5957	Aden	3BU5	1S9I	1RQQ	0.94	Sc=6.06709, min distance = 1.98060
MP2K2_HUMAN	1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1S9I	1DAD	0.99	Sc=6.39485, min distance = 2.25567
MP2K2_HUMAN	1	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	1S9I	2JA3	0.99	Sc=6.37789, min distance = 2.12550
MP2K2_HUMAN	1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1S9I	1MP8	0.99	Sc=6.39694, min distance = 1.91700
MP2K2_HUMAN	1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1S9I	1OH7	0.99	Sc=6.37056, min distance = 1.83084
MP2K2_HUMAN	1	6022	Ader	PDXK_SHEEP	Fu	5957	Aden	1LHR	1S9I	1RFU	0.99	Sc=6.39391, min distance = 2.40144

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MP2K2_HUMAN	1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1S9I	3ETJ	0.99	Sc=6.3806, min distance = 1.7750704
MP2K2_HUMAN	1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	1S9I	2R7N	0.99	Sc=5.92146, min distance = 2.381747
MP2K2_HUMAN	1	6022	Ader	PURT_ECOLI	Fu	5957	Aden	1KJ8	1S9I	1KJQ	0.99	Sc=6.38377, min distance = 1.954011
MP2K2_HUMAN	1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	1S9I	2VT2	0.99	Sc=6.43215, min distance = 1.247030
MP2K2_HUMAN	1	6022	Ader	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1S9I	1ZTH	0.99	Sc=6.38522, min distance = 1.723024
MP2K2_HUMAN	1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1S9I	3C4Z	0.99	Sc=6.39965, min distance = 2.120067
MP2K2_HUMAN	1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1S9I	2V8Q	0.98	Sc=6.29517, min distance = 2.694218
MP2K2_HUMAN	1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1S9I	2R7M	0.98	Sc=6.30932, min distance = 2.289670
MP2K2_HUMAN	1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1S9I	2Q0E	0.8	Sc=5.99503, min distance = 1.921311
MP2K2_HUMAN	1	91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1S9I	2Z09	0.99	Sc=6.46846, min distance = 2.238890
MP2K2_HUMAN	1	9547921	G	SYQ_ECOLI	Fu	5957	Aden	1GTR	1S9I	2RE8	0.83	Sc=6.17514, min distance = 2.036219
MRAW_THEMA	F1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1M6Y	1Z3C	0.91	Sc=6.59352, min distance = 2.009318
MRAW_THEMA	F1	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1N2X	2IH2	0.93	Sc=6.33091, min distance = 2.226392
MRAW_THEMA	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1N2X	1H1D	0.92	Sc=6.57247, min distance = 2.625396
MRAW_THEMA	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1M6Y	1JQE	0.95	Sc=6.53313, min distance = 1.708721
MRAW_THEMA	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1M6Y	1JG2	0.84	Sc=6.25868, min distance = 2.719811
MRAW_THET8	F1	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1WG8	2IH2	0.93	Sc=6.43317, min distance = 2.251466
MRAW_THET8	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1WG8	1H1D	0.92	Sc=6.58631, min distance = 2.662479
MRAW_THET8	F1	5326531	G	CHOMT_MEDSA	F1	34756	Acy	1FPQ	1WG8	1FP1	0.92	Sc=6.57889, min distance = 1.948742
MRP1_HUMAN	F1	11957393		FAK1_HUMAN	Fu	5957	Aden	2IJM	2CBZ	2ETM		Sc=5.87995, min distance = 2.355629
MSBA_SALTY	F1	23656870		CSK2A_MAIZE	F1	33113	gar	1LP4	3B60	2PVN		Sc=6.39896, min distance = 2.798759
MSBA_SALTY	F1	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	3B60	1UV5		Sc=5.98545, min distance = 3.324212
MSBA_SALTY	F1	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	3B60	1Q41		Sc=5.96739, min distance = 3.208687
MSBA_SALTY	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	3B60	1ZOE		Sc=5.63272, min distance = 2.892454
MSBA_SALTY	F1	5327148	G	IPKA_RABIT	Fu	33113	gar	1CDK	3B60	2ERZ		Sc=5.96303, min distance = 2.207937
MSBA_SALTY	F1	9549303	2	STK6_HUMAN	Fu	33113	gar	2DWB	3B60	2NP8		Sc=6.27155, min distance = 2.486366
MSH2_HUMAN	F1	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	208B	1P5E		Sc=5.7055, min distance = 1.4312239
MSH2_HUMAN	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	208B	1E1X		Sc=6.09744, min distance = 2.113209
MSH2_HUMAN	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	208B	1CKP		Sc=5.61822, min distance = 2.833871
MSH2_HUMAN	F1	5957	Ader	HSLU_ECOLI	Fu	6022	Aden	1HQY	208B	1DO0	0.99	Sc=6.03147, min distance = 2.056391
MSH2_HUMAN	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	208B	3C4W	0.99	Sc=6.02491, min distance = 2.009928
MSH2_HUMAN	F1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	208B	2PO2		Sc=5.80934, min distance = 2.608718
MSH2_HUMAN	F1	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	208B	1ZYU	0.99	Sc=6.05614, min distance = 2.060307
MSH6_HUMAN	F1	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	208B	1P5E		Sc=5.7055, min distance = 1.6915182
MSH6_HUMAN	F1	24864077		CDK2_HUMAN	Fu	6022	Aden	1GY3	208B	2VTN		Sc=6.24862, min distance = 2.326847
MSH6_HUMAN	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	208B	2R3H		Sc=6.07041, min distance = 2.125090
MTAP_HUMAN	F1	100684	9-	RICI_RICCO	Fu	190	adeni	2P8N	1CB0	1IL4		Sc=5.87184, min distance = 2.720444

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MTAP_HUMAN	F1	11979	5-N	COBT_SALTY	Fu	190	adeni	1JH8	1CB0	1JHM			Sc=5.68791, min distance = 2.54685
MTAP_HUMAN	F1	446312	1i	RICI_RICCO	Fu	190	adeni	2P8N	1CB0	1IL9			Sc=5.90022, min distance = 2.09188
MTAP_HUMAN	F1	5287547	6	PURR_ECOLI	Fu	190	adeni	2PUB	1CB0	2PUA	0.9		Sc=5.77268, min distance = 2.64424
MTAP_HUMAN	F1	675	Dimed	COBT_SALTY	Fu	190	adeni	1JH8	1CB0	1D0S			Sc=5.75987, min distance = 2.36276
MTAP_HUMAN	F1	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1CB0	1WET			Sc=5.83519, min distance = 2.56099
MTAP_HUMAN	F1	78598	5-N	COBT_SALTY	Fu	190	adeni	1JH8	1CB0	1JHP			Sc=5.71186, min distance = 2.52313
MTAP_HUMAN	F1	790	hypox	PURR_ECOLI	Fu	190	adeni	2PUB	1CB0	1JFT			Sc=5.745, min distance = 2.7044247
MTAP_HUMAN	F1	96253	7-D	RICI_RICCO	Fu	190	adeni	2P8N	1CB0	1IL3			Sc=5.87184, min distance = 2.63445
MTAP_SULSO	F1	24180721		PIM1_HUMAN	Fu	60961	ade	1YI4	1JDV	3C4E			Sc=5.99047, min distance = 1.98622
MTAP_SULSO	F1	446609	1y	MTAP_HUMAN	Fu	439176	Me	1CG6	1JDT	1K27			Sc=6.02034, min distance = 2.28842
MTAP_SULSO	F1	447724	9-	DEOD_ECOLI	Fu	60961	ade	1PK7	1JDV	1OV6	33.82	0.9	Sc=6.37813, min distance = 0.74279
MTAP_SULSO	F1	5327148	0	KAPCA_MOUSE	F1	60961	ade	1FMO	1JDV	2ERZ			Sc=6.13712, min distance = 1.98169
MTAP_SULSO	F1	656970	MT	MTNN_ECOLI	Fu	439176	Me	1Z50	1JDT	1Y6Q	28.22		Sc=6.32584, min distance = 0.35382
MTD1_YEAST	F1	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	1EE9	1DRV		0.97	Sc=5.733, min distance = 2.3727960
MTD1_YEAST	F1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1EE9	2BJA			Sc=6.18695, min distance = 2.29020
MTD21_STRPN	1	4369234	0	COMT_RAT	Full	34756	Acy	2CL5	2DPM	1JR4			Sc=6.03069, min distance = 2.18615
MTD21_STRPN	1	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	2DPM	2IH2	0.93		Sc=6.34855, min distance = 2.62220
MTD21_STRPN	1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2DPM	1H1D	0.92		Sc=6.55352, min distance = 2.87005
MTDA_METEX	F1	165230	1a	G6PD_LEUME	Fu	5886	NADF	1H9A	1LUA	2DPG			Sc=5.94281, min distance = 2.03768
MTH1_HAEPH	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2C7P	1Z3C	0.91		Sc=6.57146, min distance = 2.10594
MTH1_HAEPH	F1	439176	Me	MTR1_RHOSH	Fu	439155	Ad	1NW5	6MHT	1EG2	0.91		Sc=6.21122, min distance = 2.51790
MTH1_HAEPH	F1	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	6MHT	2IH2	0.93		Sc=6.27964, min distance = 2.71983
MTH1_HAEPH	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	6MHT	1H1D	0.92		Sc=6.49729, min distance = 2.28022
MTH1_HAEPH	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2C7P	1JQE	0.95		Sc=6.52614, min distance = 1.88081
MTH1_HAEPH	F1	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	2C7P	1YBA	0.76		Sc=5.89311, min distance = 0.71698
MTH1_HAEPH	F1	5327118	5	Q70GK9_STRCT	1	34756	Acy	1RQP	6MHT	2C2W	0.81		Sc=5.70837, min distance = 1.90070
MTH1_HAEPH	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2C7P	1JG2	0.84		Sc=6.27417, min distance = 2.80676
MTH1_HAEPH	F1	65482	sir	ERM_BACSU	Full	439155	Ad	1QAN	2C7P	1QAQ	0.88		Sc=6.58631, min distance = 2.07376
MTH1_HAEPH	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2C7P	2HV9	0.88		Sc=6.56779, min distance = 2.17981
MTH1_HAEPH	F1	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	2C7P	1NW6	0.88		Sc=6.57296, min distance = 2.30150
MTH1_HAEPH	F1	854023	Eq	Q8WSF8_APLCA	1	23831	HEP	2BR7	2C7P	2BYQ			Sc=5.6948, min distance = 2.427157
MTHFS_MYCPN	1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U3F	1GZ8			Sc=6.05449, min distance = 2.64127
MTHFS_MYCPN	1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	1U3F	1HIY	0.97		Sc=6.00118, min distance = 1.42797
MTHFS_MYCPN	1	4565	1h1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1U3F	1H1R			Sc=6.11354, min distance = 2.30602
MTHFS_MYCPN	1	6804	guar	NDK_PYRHO	Full	6022	Aden	2DYA	1U3F	2DXF	0.8		Sc=5.9343, min distance = 2.043049
MTNK_BACSU	F1	10224714		CDK2_HUMAN	Fu	6022	Aden	1GY3	2OLC	3DDP			Sc=6.44489, min distance = 1.83073
MTNK_BACSU	F1	11957417		CDK2_HUMAN	Fu	6022	Aden	1GY3	2OLC	2I40			Sc=6.31681, min distance = 1.65792

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MTNK_BACSU	F1	1540	1h1d	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1H1Q		Sc=6.28549, min distance = 1.512736
MTNK_BACSU	F1	15942652		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2DUV		Sc=6.34013, min distance = 1.951630
MTNK_BACSU	F1	160355	rd	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	3DDQ		Sc=6.2945, min distance = 1.3916342
MTNK_BACSU	F1	16214823		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2UZB		Sc=6.08768, min distance = 2.873724
MTNK_BACSU	F1	16214827		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2UZN		Sc=6.0521, min distance = 2.6745027
MTNK_BACSU	F1	1707	1fvt	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1FVT		Sc=6.17438, min distance = 2.542394
MTNK_BACSU	F1	23653516		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3G		Sc=6.04342, min distance = 1.879945
MTNK_BACSU	F1	23653518		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3J		Sc=6.13597, min distance = 1.760003
MTNK_BACSU	F1	23653519		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3K		Sc=6.24245, min distance = 1.976515
MTNK_BACSU	F1	23653520		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3L		Sc=6.23906, min distance = 1.928228
MTNK_BACSU	F1	23653521		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3M		Sc=6.2904, min distance = 1.8470914
MTNK_BACSU	F1	23653524		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3P		Sc=6.22317, min distance = 1.768890
MTNK_BACSU	F1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	3BHU		Sc=6.27983, min distance = 2.298195
MTNK_BACSU	F1	24864079		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2VTP		Sc=6.35676, min distance = 1.606488
MTNK_BACSU	F1	24864080		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2VTR		Sc=5.90646, min distance = 2.187792
MTNK_BACSU	F1	24864081		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2VTS		Sc=6.29375, min distance = 1.275020
MTNK_BACSU	F1	24916751		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	3DOG		Sc=6.27883, min distance = 1.718434
MTNK_BACSU	F1	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1JSV		Sc=5.77444, min distance = 1.797166
MTNK_BACSU	F1	3543	1g5s	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1G5S		Sc=6.4649, min distance = 1.2387925
MTNK_BACSU	F1	443200	C1	ACK1_HUMAN	Fu:	91532	AMF	1U54	2PUL	1U4D		Sc=6.24295, min distance = 2.667312
MTNK_BACSU	F1	444345	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1AQ1		Sc=6.35042, min distance = 2.030140
MTNK_BACSU	F1	444564	AD	BIOD_ECOLI	Fu:	91532	AMF	1DAG	2PUL	1BS1	0.91	Sc=5.62161, min distance = 2.186447
MTNK_BACSU	F1	444564	AD	MYS2_DICDI	Fu:	6022	Aden	1VOM	2OLC	1W9I	0.91	Sc=5.63256, min distance = 2.151735
MTNK_BACSU	F1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1GII		Sc=6.28348, min distance = 2.662833
MTNK_BACSU	F1	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1GZ8		Sc=6.12943, min distance = 2.093628
MTNK_BACSU	F1	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1H0V		Sc=6.16128, min distance = 2.474477
MTNK_BACSU	F1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1OIQ		Sc=6.14509, min distance = 2.438442
MTNK_BACSU	F1	447656	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1OII		Sc=6.45007, min distance = 1.567616
MTNK_BACSU	F1	447766	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1P2A		Sc=6.2901, min distance = 2.2531810
MTNK_BACSU	F1	447821	C1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1PF8		Sc=6.15048, min distance = 1.683578
MTNK_BACSU	F1	447916	ac	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	2OLC	1ZTF	0.95	Sc=6.15666, min distance = 2.897515
MTNK_BACSU	F1	447962	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2C5N		Sc=6.13359, min distance = 2.776725
MTNK_BACSU	F1	448222	NE	ENPL_CANFA	Fu:	6022	Aden	1TC6	2OLC	1QY5	0.81	Sc=6.34962, min distance = 2.051236
MTNK_BACSU	F1	448310	C1	KIPN_BPT4	Fu1:	6022	Aden	1LTQ	2OLC	1RC8		Sc=5.85332, min distance = 2.107512
MTNK_BACSU	F1	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1E1V		Sc=6.10007, min distance = 2.367222
MTNK_BACSU	F1	5288711	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	1KE8		Sc=6.12053, min distance = 2.705425
MTNK_BACSU	F1	5326739	1	GSK3B_HUMAN	Fu:	6022	Aden	1J1C	2OLC	1Q41		Sc=6.27713, min distance = 2.338398

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MTNK_BACSU	F1	5327096	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2BTR		Sc=6.10516, min distance = 1.57626
MTNK_BACSU	F1	5327097	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2BTS		Sc=5.884, min distance = 1.9140545
MTNK_BACSU	F1	5327135	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2C6M		Sc=6.14179, min distance = 2.30590
MTNK_BACSU	F1	5331010	0	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2BKZ		Sc=6.19613, min distance = 2.38850
MTNK_BACSU	F1	5957	Ader	BIOD_ECOLI	Fu:	91532	AMF	1DAG	2PUL	1A82	0.99	Sc=5.67253, min distance = 2.15512
MTNK_BACSU	F1	6083	ader	PSPF_ECOLI	Fu:	6022	Aden	2C98	2OLC	2VII	0.99	Sc=6.30457, min distance = 2.04941
MTNK_BACSU	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	2OLC	1FMO	0.95	Sc=6.1349, min distance = 2.824380
MTNK_BACSU	F1	6420139	0	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2C5V		Sc=6.10545, min distance = 2.18962
MTNK_BACSU	F1	8977	1dar	NDK_PYRHO	Fu:	6022	Aden	2DYA	2OLC	2DXE	0.8	Sc=5.96703, min distance = 2.10369
MTNK_BACSU	F1	8977	1dar	PARM_ECOLX	Fu:	6022	Aden	1MWM	2OLC	2ZGY	0.8	Sc=5.97258, min distance = 2.05077
MTNK_BACSU	F1	8977	1dar	RIR1_YEAST	Fu:	6022	Aden	2CVX	2OLC	2CVW	0.8	Sc=5.63619, min distance = 2.15891
MTNK_BACSU	F1	9817550	0	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	3BHV		Sc=6.3834, min distance = 2.141065
MTNK_BACSU	F1	9991833	9	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2R3H		Sc=6.10815, min distance = 1.45011
MTNK_BACSU	F1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2OLC	2VTJ		Sc=5.7577, min distance = 2.916422
MTNN_ECOLI	F1	100684	9-	RICI_RICCO	Fu:	190	adeni	2P8N	1JYS	1IL4		Sc=5.84867, min distance = 2.58569
MTNN_ECOLI	F1	11979	5-M	COBT_SALTY	Fu:	190	adeni	1JH8	1JYS	1JHM		Sc=5.67531, min distance = 1.83108
MTNN_ECOLI	F1	444632	ne	RICI_RICCO	Fu:	190	adeni	2P8N	1JYS	1BR5		Sc=5.75593, min distance = 3.13098
MTNN_ECOLI	F1	446312	1i	RICI_RICCO	Fu:	190	adeni	2P8N	1JYS	1IL9		Sc=5.87488, min distance = 2.17099
MTNN_ECOLI	F1	5287547	6	PURR_ECOLI	Fu:	190	adeni	2PUB	1JYS	2PUA	0.9	Sc=5.74599, min distance = 2.91540
MTNN_ECOLI	F1	5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	1JYS	1S2I	0.93	Sc=5.70741, min distance = 1.87483
MTNN_ECOLI	F1	764	guani	PURR_ECOLI	Fu:	190	adeni	2PUB	1JYS	1WET		Sc=5.82763, min distance = 2.07961
MTNN_ECOLI	F1	76635	4,5	COBT_SALTY	Fu:	190	adeni	1JH8	1JYS	1L4F		Sc=5.67883, min distance = 1.98053
MTNN_ECOLI	F1	790	hypox	PURR_ECOLI	Fu:	190	adeni	2PUB	1JYS	1JFT		Sc=5.71862, min distance = 2.94621
MTNN_ECOLI	F1	96253	7-I	RICI_RICCO	Fu:	190	adeni	2P8N	1JYS	1IL3		Sc=5.84332, min distance = 2.39346
MTP2_PROVU	F1	122068	de	HNMT_HUMAN	Fu:	439155	Ac	2AOT	1BOO	2AOU		Sc=6.27898, min distance = 1.67092
MTP2_PROVU	F1	188380	Ac	MCES_ENCCU	Fu:	439155	Ac	1RI1	1BOO	1Z3C	0.91	Sc=6.56715, min distance = 2.14332
MTP2_PROVU	F1	446535	CI	HNMT_HUMAN	Fu:	439155	Ac	2AOT	1BOO	1JQE	0.95	Sc=6.53067, min distance = 2.03316
MTP2_PROVU	F1	60961	ade	PIMT_PYRFU	Fu:	439155	Ac	1JG1	1BOO	1JG2	0.84	Sc=6.27328, min distance = 2.72772
MTP2_PROVU	F1	65482	sir	ERM_BACSU	Fu:	439155	Ac	1QAN	1BOO	1QAQ	0.88	Sc=6.58861, min distance = 2.05156
MTP2_PROVU	F1	65482	sir	MTR1_RHOSH	Fu:	439155	Ac	1NW7	1BOO	1NW6	0.88	Sc=6.58785, min distance = 2.04445
MTR1_RHOSH	F1	16741210		MTTA_THEAQ	Fu:	34756	Acy	2ADM	1NW5	2JG3		Sc=6.331, min distance = 2.0292781
MTR1_RHOSH	F1	16741210		MTTA_THEAQ	Fu:	439155	Ac	1AQI	1NW7	2JG3		Sc=5.98589, min distance = 1.90458
MTR1_RHOSH	F1	4369234	0	COMT_RAT	Full=	34756	Acy	2CL5	1NW5	1JR4		Sc=5.97772, min distance = 2.34170
MTR1_RHOSH	F1	445762	5	MTTA_THEAQ	Fu:	34756	Acy	2ADM	1NW5	2IH2	0.93	Sc=6.32514, min distance = 2.46858
MTR1_RHOSH	F1	445971	CI	COMT_RAT	Full=	34756	Acy	2CL5	1NW5	1H1D	0.92	Sc=6.52246, min distance = 2.57971
MTR1_RHOSH	F1	5327118	5	Q70GK9_STRCT	1	34756	Acy	1RQP	1NW5	2C2W	0.81	Sc=5.73619, min distance = 1.26570
MTTA_THEAQ	F1	4369533	0	SETD8_HUMAN	Fu:	439155	Ac	1ZKK	1AQI	2BQZ	0.95	Sc=6.0753, min distance = 2.033023

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MTTA_THEAQ	F1	439176	Md	MTR1_RHOSH	Fu	65482	sin	1NW6	1AQJ	1EG2	0.8	Sc=6.20401, min distance = 2.304559
MTTA_THEAQ	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2ADM	1H1D	0.92	Sc=6.45301, min distance = 2.524160
MTTA_THEAQ	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1AQI	1JQE	0.95	Sc=6.12973, min distance = 1.997519
MUP1_MOUSE	F1	445180	CI	OBP_PIG	Full	32594	ldz	1DZK	1QY1	1DZJ		Sc=5.75169, min distance = 2.446402
MUP2_MOUSE	F1	7037	Diph	OBP_PIG	Full	32594	ldz	1DZK	2NND	1DZP		Sc=5.67886, min distance = 2.069986
MUP2_MOUSE	F1	8184	Unde	OBP_PIG	Full	32594	ldz	1DZK	2NND	1E02		Sc=5.62067, min distance = 2.091592
MURA_ECOLI	F1	448871	CI	GALE_ECOLI	Fu	6031	Urid	1NAH	2Z2C	1UDA	0.87	Sc=6.12343, min distance = 2.038794
MURA_ECOLI	F1	6030	Urid	GLMU_HAEIN	Fu	6031	Urid	2V0K	2Z2C	2V0J	0.99	Sc=6.26874, min distance = 2.130269
MURA_ECOLI	F1	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	2Z2C	2PZL	0.99	Sc=6.23512, min distance = 2.045429
MURA_ECOLI	F1	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	2Z2C	2PO2	0.83	Sc=6.30768, min distance = 2.153450
MURA_ECOLI	F1	6133	urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2Z2C	2BNF	1	Sc=5.89172, min distance = 1.620708
MURA_ECOLI	F1	8629	UDP	GALE_ECOLI	Fu	6031	Urid	1NAH	2Z2C	1LRL	0.89	Sc=6.57063, min distance = 2.058340
MURA_ECOLI	F1	8629	UDP	Q5IFH7_MEDTR	I	6031	Urid	2ACV	2Z2C	2ACW	0.89	Sc=6.57447, min distance = 1.899636
MURA_HAEIN	F1	24794398		MURA_ECOLI	Fu	445675	UD	1UAE	2RL1	2Z2C		Sc=5.81897, min distance = 2.782578
MURA_HAEIN	F1	444127	CI	MURA_ECOLI	Fu	445675	UD	1UAE	2RL1	1A2N	0.93	Sc=6.28849, min distance = 2.618569
MURC_HAEIN	F1	5957	Ader	Q5SJV7_THET8	I	91532	AMF	2Z09	1GQY	2Z08	0.99	Sc=6.48384, min distance = 1.954162
MURC_HAEIN	F1	6022	Ader	F263_HUMAN	Fu	91532	AMF	2DWP	1GQY	2AXN	0.99	Sc=6.45105, min distance = 2.384586
MURC_HAEIN	F1	6022	Ader	RBSK_ECOLI	Fu	91532	AMF	1GQT	1GQY	1RKD	0.99	Sc=6.46408, min distance = 2.234069
MURD_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2JFG	1ZTF	0.95	Sc=6.31434, min distance = 2.056952
MURD_ECOLI	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JFG	1PXI		Sc=5.81598, min distance = 2.359222
MURD_ECOLI	F1	6031	Urid	RIR1_YEAST	Fu	6022	Aden	2CVX	2JFG	2CVV		Sc=6.4031, min distance = 2.090222
MURD_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	2JFG	1XQS	0.99	Sc=6.41996, min distance = 1.726298
MURD_ECOLI	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2JFG	2DXE	0.8	Sc=6.49764, min distance = 2.047532
MURD_ECOLI	F1	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	2JFG	1XJE	0.8	Sc=6.50154, min distance = 2.223762
MUTB_PROFR	F1	5327118	5	Q70GK9_STRCT	I	439182	5'	2CC2	4REQ	2C2W	0.94	Sc=5.90479, min distance = 0.806402
MUTB_PROFR	F1	6852187	2	Q70GK9_STRCT	I	439182	5'	2CC2	4REQ	2CBX	0.97	Sc=6.09466, min distance = 1.985542
MUTL_ECO57	F1	16058649		IGF1R_HUMAN	F1	33113	gar	1JQH	1NHI	2OJ9		Sc=6.52031, min distance = 1.670149
MUTL_ECO57	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1NHI	2OXD		Sc=5.62446, min distance = 2.461240
MUTL_ECO57	F1	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1NHI	1G4A	0.97	Sc=6.37875, min distance = 2.040322
MUTL_ECO57	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1NHI	1ZOE		Sc=5.68718, min distance = 2.652999
MUTL_ECO57	F1	5327148	0	IPKA_RABIT	Fu	33113	gar	1CDK	1NHI	2ERZ		Sc=6.17763, min distance = 2.054270
MUTL_ECOLI	F1	11963551		HSP82_YEAST	F1	6022	Aden	1AMW	1B62	2IWS		Sc=6.22185, min distance = 2.054369
MUTL_ECOLI	F1	11963552		HSP82_YEAST	F1	6022	Aden	1AMW	1B62	2IWU		Sc=6.22895, min distance = 2.037022
MUTL_ECOLI	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1B63	2OXD		Sc=5.63829, min distance = 2.395232
MUTL_ECOLI	F1	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	1B62	1GJV	0.99	Sc=6.01997, min distance = 2.466949
MUTL_ECOLI	F1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	1B62	1B99		Sc=6.27581, min distance = 2.069999
MUTL_ECOLI	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1B63	1ZOE		Sc=5.69297, min distance = 2.639606

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MUTL_ECOLI	Ft	5327103	2	HS90A_HUMAN	Ft	6022	Aden	1BYQ	1B62	2BYH			Sc=6.48066, min distance = 2.195294
MUTL_ECOLI	Ft	5327134	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1B62	2C6L			Sc=6.43562, min distance = 1.968306
MUTL_ECOLI	Ft	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1B63	2ERZ			Sc=6.18811, min distance = 2.075916
MUTL_ECOLI	Ft	60961	ade	STK6_HUMAN	Fu	33113	gar	2DWB	1B63	1MUO	0.93		Sc=6.18281, min distance = 2.403171
MUTL_ECOLI	Ft	6132	Cyti	O33839_THEMA	I	6022	Aden	1XJK	1B62	1XJN			Sc=6.3191, min distance = 1.983989
MUTL_ECOLI	Ft	6323491	M	TOP6B_SULSH	Ft	6022	Aden	1Z5B	1B62	2HKJ			Sc=6.33524, min distance = 2.364544
MUTL_ECOLI	Ft	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1B62	1QYE	0.89		Sc=6.07109, min distance = 2.639051
MUTL_ECOLI	Ft	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1B62	2DXE	0.8		Sc=5.99611, min distance = 2.243061
MUTL_ECOLI	Ft	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	1B62	1XJE	0.8		Sc=6.44157, min distance = 2.041992
MUTS_ECOLI	Ft	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	1W7A	1LVK			Sc=5.8995, min distance = 0
MUTS_ECOLI	Ft	448042	2e	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1W7A	1Q8T			Sc=6.1096, min distance = 2.423403
MUTS_ECOLI	Ft	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1W7A	2R7M	0.98		Sc=5.74718, min distance = 2.003774
MUTS_ECOLI	Ft	6338561	C	MYS2_DICDI	Fu	5957	Aden	1FMW	1W7A	1D0X			Sc=6.19202, min distance = 0
MUTS_THEAQ	Ft	24832022		HS90A_HUMAN	Ft	6022	Aden	1BYQ	1FW6	2QG2			Sc=6.41578, min distance = 1.173279
MUTS_THEAQ	Ft	24864077		CDK2_HUMAN	Fu	6022	Aden	1GY3	1FW6	2VTN			Sc=6.27599, min distance = 2.366291
MUTS_THEAQ	Ft	2608	1jst	CDK2_HUMAN	Fu	6022	Aden	1GY3	1FW6	1JSV			Sc=6.05437, min distance = 1.173277
MUTS_THEAQ	Ft	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1FW6	1QYE	0.89		Sc=6.15756, min distance = 1.899567
MUTY_ECOLI	Ft	100684	9-	RICI_RICCO	Fu	190	adeni	2P8N	1WEI	1IL4			Sc=5.6743, min distance = 2.732309
MUTY_ECOLI	Ft	444632	ne	RICI_RICCO	Fu	190	adeni	2P8N	1WEI	1BR5			Sc=6.13291, min distance = 2.502606
MUTY_ECOLI	Ft	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1WEI	1WET			Sc=5.64684, min distance = 2.993630
MUTY_ECOLI	Ft	96253	7-I	RICI_RICCO	Fu	190	adeni	2P8N	1WEI	1IL3			Sc=5.60481, min distance = 2.734395
MVAA_PSEMV	Ft	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	1QAX	1GZ4			Sc=5.99292, min distance = 1.788696
MYG_CARCR	Fu	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1LHS	2CMM			Sc=6.18781, min distance = 2.483645
MYG_ELEMA	Fu	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1EMY	2CMM			Sc=6.05379, min distance = 2.313249
MYG_HORSE	Fu	11957364		HMOX1_HUMAN	Ft	444124	HE	1OZW	1DWT	1S13	0.86		Sc=6.44293, min distance = 1.861319
MYG_HORSE	Fu	11957370		HMOX1_HUMAN	Ft	444124	HE	1OZW	1DWT	1TWN			Sc=6.35517, min distance = 2.309150
MYG_HUMAN	Fu	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2MM1	2CMM			Sc=6.06387, min distance = 2.731767
MYG_HUMAN	Fu	16741061		MYG_PHYCA	Fu	444098	HE	1A6M	2MM1	1MBC	0.83		Sc=6.58727, min distance = 2.700698
MYG_HUMAN	Fu	4369122	C	GLB1_LUCPE	Fu	444098	HE	1FLP	2MM1	1BOB	0.96		Sc=6.58663, min distance = 2.519601
MYG_PHYCA	Fu	11957363		HBB_HUMAN	Fu	4368958	C	1COH	1YOG	1RQA	26.53	0.8	Sc=6.65561, min distance = 2.314436
MYG_PHYCA	Fu	11957363		HBB_HUMAN	Fu	444097	He	1RPS	2EVK	1RQA	26.53	0.77	Sc=6.54215, min distance = 2.912661
MYG_PHYCA	Fu	11957363		HBB_HUMAN	Fu	444098	HE	1J40	1A6M	1RQA	26.53	0.77	Sc=6.66875, min distance = 2.086542
MYG_PHYCA	Fu	6420167	M	CPXA_PSEPU	Fu	16741185		2Z97	2EKU	2FE6	0.83		Sc=6.60064, min distance = 2.041745
MYG_PIG	Full	11957364		HMOX1_HUMAN	Ft	444124	HE	1OZW	1MYH	1S13	0.86		Sc=6.4332, min distance = 1.585096
MYG_PIG	Full	11957370		HMOX1_HUMAN	Ft	444124	HE	1OZW	1MYH	1TWN			Sc=6.36494, min distance = 2.242331
MYG_PIG	Full	11957371		HMOX1_HUMAN	Ft	444124	HE	1OZW	1MYH	1TWR			Sc=6.36263, min distance = 2.334246
MYG_THUAL	Fu	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1MYT	2CMM			Sc=5.94417, min distance = 2.385706

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MYH11_CHICK	1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1H1Q		Sc=6.40317, min distance = 1.839959
MYH11_CHICK	1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1JSV		Sc=5.99875, min distance = 2.064709
MYH11_CHICK	1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1BR2	1W9I	0.91	Sc=5.98032, min distance = 2.385097
MYH11_CHICK	1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1BR2	1COW	0.9	Sc=6.50029, min distance = 2.106442
MYH11_CHICK	1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1H0V		Sc=6.18281, min distance = 1.985339
MYH11_CHICK	1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1OI9		Sc=6.46472, min distance = 1.955091
MYH11_CHICK	1	448310	CI	KIPN_BPT4	Fu	6022	Aden	1LTQ	1BR2	1RC8		Sc=5.97321, min distance = 1.994192
MYH11_CHICK	1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1E1V		Sc=6.1571, min distance = 2.165516
MYH11_CHICK	1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1H1S		Sc=6.40975, min distance = 2.162221
MYH11_CHICK	1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1OGU		Sc=6.55088, min distance = 1.989650
MYH11_CHICK	1	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	2C6K		Sc=6.33058, min distance = 2.023439
MYH11_CHICK	1	5327135	D	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	2C6M		Sc=6.25403, min distance = 1.988611
MYH11_CHICK	1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1BR2	1A82	0.99	Sc=6.51159, min distance = 2.647586
MYH11_CHICK	1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1BR2	3C4W	0.99	Sc=6.50846, min distance = 1.657269
MYH11_CHICK	1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1BR2	2PO2		Sc=5.90525, min distance = 2.051027
MYH11_CHICK	1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1BR2	2PO2		Sc=5.89507, min distance = 2.067021
MYH11_CHICK	1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1BR2	1D0Y		Sc=6.26552, min distance = 2.081161
MYH11_CHICK	1	6420139	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	2C5V		Sc=6.29814, min distance = 1.597128
MYH11_CHICK	1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1BR2	1Y8Y		Sc=5.99508, min distance = 2.170138
MYH11_CHICK	1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	1BR2	1DAG	0.99	Sc=6.54015, min distance = 2.204866
MYO5A_CHICK	1	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	1W7J	2ETM		Sc=6.34328, min distance = 2.257468
MYO5A_CHICK	1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	1H1Q		Sc=6.35926, min distance = 2.038919
MYO5A_CHICK	1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	1JSV		Sc=5.86166, min distance = 2.330109
MYO5A_CHICK	1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	1W7J	1LVK		Sc=5.99783, min distance = 2.033056
MYO5A_CHICK	1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	1OI9		Sc=6.41519, min distance = 2.089529
MYO5A_CHICK	1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1W7J	1ZTF	0.95	Sc=6.19006, min distance = 2.685179
MYO5A_CHICK	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	1H1R		Sc=6.33379, min distance = 1.882609
MYO5A_CHICK	1	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	2C6K		Sc=6.28068, min distance = 2.110340
MYO5A_CHICK	1	5327134	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	2C6L		Sc=6.35254, min distance = 2.107731
MYO5A_CHICK	1	5327135	D	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	2C6M		Sc=6.19776, min distance = 2.234481
MYO5A_CHICK	1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1W7J	1A82	0.99	Sc=6.05025, min distance = 2.446756
MYO5A_CHICK	1	6031	Uric	DCK_HUMAN	Full	6022	Aden	1P5Z	1W7J	2ZIA		Sc=5.86086, min distance = 2.082779
MYO5A_CHICK	1	6031	Uric	ECX1_PYRAB	Fu	6022	Aden	2PO0	1W7J	2PNZ		Sc=5.86187, min distance = 2.280172
MYO5A_CHICK	1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1W7J	2VII	0.99	Sc=5.92099, min distance = 2.206292
MYO5A_CHICK	1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1W7J	2PO2		Sc=5.86086, min distance = 2.227474
MYO5A_CHICK	1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1W7J	2PO2		Sc=5.84898, min distance = 2.464389
MYO5A_CHICK	1	6420139	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	2C5V		Sc=6.26127, min distance = 1.608741

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MYO5A_CHICK	1	6852201	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W7J	2G9X			Sc=6.55948, min distance = 2.12101
MYO5A_CHICK	1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1W7J	1DAG	0.99		Sc=6.07269, min distance = 2.04727
MYO5A_CHICK	1	91532	AME	KIF1A_MOUSE	Fu	6022	Aden	1I5S	1W7J	1I6I	0.99		Sc=6.06681, min distance = 2.37132
MYO5A_CHICK	1	91532	AME	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1W7J	2AFK	0.99		Sc=6.09714, min distance = 1.88216
MYO6_PIG	Fu	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2V26	1BS1	0.91		Sc=6.44771, min distance = 2.36195
MYO6_PIG	Fu	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V26	1GZ8			Sc=6.18043, min distance = 2.15360
MYO6_PIG	Fu	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V26	1E1V			Sc=6.15391, min distance = 2.30603
MYO6_PIG	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V26	1H1R			Sc=6.3977, min distance = 1.928311
MYO6_PIG	Fu	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2V26	1A82	0.99		Sc=6.5136, min distance = 2.419313
MYO6_PIG	Fu	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2V26	1FMO	0.95		Sc=6.21668, min distance = 2.42558
MYO6_PIG	Fu	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	2V26	2PO2			Sc=6.35597, min distance = 2.16168
MYP2_HORSE	Fu	164795	N	RBCMT_PEA	Fu	23831	HEP	1MLV	1YIV	2H2J			Sc=5.65521, min distance = 1.64854
MYP2_HORSE	Fu	447768	CI	PURR_BACSU	Fu	23831	HEP	1O57	1YIV	1P4A			Sc=6.13007, min distance = 1.64153
MYP2_HORSE	Fu	7054	Isat	AOFB_HUMAN	Fu	444279	1s	1OJD	1YIV	1OJA			Sc=5.68777, min distance = 1.97299
MYP2_HORSE	Fu	854023	Ex	Q8WSF8_APLCA	1	23831	HEP	2BR7	1YIV	2BYQ			Sc=5.88071, min distance = 0.76355
MYRA_SINAL	Fu	11987879		BGLA_THEMA	Fu	447413	NT	2J7B	1E6Q	2J75	34.11		Sc=5.84332, min distance = 2.51527
MYRA_SINAL	Fu	24963032		BGLA_THEMA	Fu	447413	NT	2J7B	1E6Q	2VRJ	34.11		Sc=6.13217, min distance = 1.37696
MYRA_SINAL	Fu	447607	1c	BGLA_THEMA	Fu	445248	nc	2J78	1E6S	1OIF	34.11		Sc=5.75163, min distance = 0.96131
MYRA_SINAL	Fu	447651	CI	BGLA_THEMA	Fu	445248	nc	2J78	1E6S	2J77	34.11	0.81	Sc=5.85412, min distance = 2.73171
MYRA_SINAL	Fu	448980	nc	BGLA_THEMA	Fu	445248	nc	2J78	1E6S	1UZ1	34.11		Sc=5.89109, min distance = 1.79600
MYRA_SINAL	Fu	448980	nc	BGLA_THEMA	Fu	447413	NT	2J7B	1E6Q	1UZ1	34.11		Sc=5.85754, min distance = 2.52941
MYRA_SINAL	Fu	5326892	C	BGLA_THEMA	Fu	447413	NT	2J7B	1E6Q	2J7C	34.11		Sc=6.37513, min distance = 0.70133
MYRA_SINAL	Fu	79025	alg	Q9C171_PIREQ	1	7027	gluc	1W8T	1E6X	1GWM			Sc=5.77106, min distance = 2.15254
MYRA_SINAL	Fu	9549193	C	BGLA_THEMA	Fu	445248	nc	2J78	1E6S	2CES	34.11		Sc=6.03953, min distance = 2.42524
MYRA_SINAL	Fu	9549193	C	BGLA_THEMA	Fu	447413	NT	2J7B	1E6Q	2CES	34.11	0.81	Sc=6.03712, min distance = 2.57435
MYS2_DICDI	Fu	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1FMW	2UVY			Sc=6.11019, min distance = 0
MYS2_DICDI	Fu	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1FMW	2VNW			Sc=6.0847, min distance = 0
MYS2_DICDI	Fu	16122607		PDPK1_HUMAN	Fu	5957	Aden	2BIY	1FMW	2PE0			Sc=6.12976, min distance = 0
MYS2_DICDI	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1MMN	1G4A	0.97		Sc=6.41587, min distance = 1.75265
MYS2_DICDI	Fu	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1JSV			Sc=5.91746, min distance = 2.00358
MYS2_DICDI	Fu	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1FMW	1YDS			Sc=5.87585, min distance = 0
MYS2_DICDI	Fu	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1FMW	1Q8W			Sc=5.93852, min distance = 0
MYS2_DICDI	Fu	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	1MMN	2ESM			Sc=5.94346, min distance = 1.92470
MYS2_DICDI	Fu	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	1FMW	1COW	0.91		Sc=6.52842, min distance = 0
MYS2_DICDI	Fu	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1GZ8			Sc=6.19765, min distance = 2.01690
MYS2_DICDI	Fu	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1H0V			Sc=6.1422, min distance = 2.01418
MYS2_DICDI	Fu	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1OI9			Sc=6.44799, min distance = 1.77114

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MYS2_DICDI	Ft	447656	1d	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1O1Y		Sc=6.5088, min distance = 2.012253
MYS2_DICDI	Ft	447962	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	2C5N		Sc=6.31822, min distance = 1.694840
MYS2_DICDI	Ft	449240	1y	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1FMW	1YDR		Sc=5.91553, min distance = 0
MYS2_DICDI	Ft	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1E1V		Sc=6.1428, min distance = 2.1067000
MYS2_DICDI	Ft	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1H1R		Sc=6.36116, min distance = 1.986287
MYS2_DICDI	Ft	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	1H1S		Sc=6.39947, min distance = 1.765834
MYS2_DICDI	Ft	5326739	1i	GSK3B_HUMAN	Ft	6022	Aden	1J1C	1VOM	1Q41		Sc=6.27467, min distance = 2.191238
MYS2_DICDI	Ft	5327133	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	2C6K		Sc=6.32209, min distance = 2.113705
MYS2_DICDI	Ft	5327134	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	2C6L		Sc=6.39399, min distance = 1.991256
MYS2_DICDI	Ft	5327135	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	2C6M		Sc=6.2364, min distance = 2.1538788
MYS2_DICDI	Ft	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	1VOM	2ZIA		Sc=6.35668, min distance = 2.113225
MYS2_DICDI	Ft	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1FMW	2VII	0.98	Sc=6.35183, min distance = 0
MYS2_DICDI	Ft	6083	ader	SRC_CHICK	Fu	440317	AT	3DQW	1MMG	3DQX	0.97	Sc=5.90021, min distance = 1.802807
MYS2_DICDI	Ft	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1VOM	2PO2		Sc=5.90593, min distance = 2.017678
MYS2_DICDI	Ft	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1VOM	2PO2		Sc=5.90464, min distance = 2.384570
MYS2_DICDI	Ft	6420139	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	2C5V		Sc=6.29006, min distance = 1.651728
MYS2_DICDI	Ft	6852201	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1VOM	2G9X		Sc=6.28649, min distance = 2.141722
MYS2_DICDI	Ft	91532	AMF	BIOD_ECOLI	Fu	444564	AD	1BS1	1W9I	1DAG	0.91	Sc=6.50774, min distance = 2.186029
MYS2_DICDI	Ft	91532	AMF	KIF1A_MOUSE	Ft	33113	gar	1VFV	1MMN	1I6I	0.99	Sc=6.08927, min distance = 2.321445
MYS_AEQIR	Fu	16750062		CSK2A_MAIZE	Ft	33113	gar	1LP4	1KQM	2OXD		Sc=5.70362, min distance = 2.409836
MYS_AEQIR	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1KQM	1G4A	0.97	Sc=6.41587, min distance = 2.042056
MYS_AEQIR	Fu	3547	Fasu	ROCK1_HUMAN	Ft	33113	gar	2V55	1KQM	2ESM		Sc=5.94101, min distance = 2.274420
MYS_AEQIR	Fu	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1KK8	1BS1	0.91	Sc=6.4564, min distance = 2.1633996
MYS_AEQIR	Fu	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1KK8	1W9I	50 0.91	Sc=5.98503, min distance = 2.085840
MYS_AEQIR	Fu	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KK8	1GZ8		Sc=6.18169, min distance = 1.590602
MYS_AEQIR	Fu	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KK8	1H0V		Sc=6.19664, min distance = 2.017364
MYS_AEQIR	Fu	447052	CI	CSK2A_MAIZE	Ft	33113	gar	1LP4	1KQM	1M2R		Sc=6.31593, min distance = 2.440734
MYS_AEQIR	Fu	448042	2e	ROCK1_HUMAN	Ft	33113	gar	2V55	1KQM	2ETR		Sc=6.22319, min distance = 2.039432
MYS_AEQIR	Fu	5326977	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	1KQM	1ZOG		Sc=5.65149, min distance = 2.337139
MYS_AEQIR	Fu	5326978	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	1KQM	1ZOH		Sc=5.63735, min distance = 2.602850
MYS_AEQIR	Fu	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	1KK8	2ZIA		Sc=6.35668, min distance = 1.996182
MYS_AEQIR	Fu	6031	Uric	ECX1_PYRAB	Fu	6022	Aden	2PO0	1KK8	2PNZ		Sc=6.35159, min distance = 2.114490
MYS_AEQIR	Fu	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	1KQM	1YI4	0.93	Sc=6.12979, min distance = 2.647642
MYS_AEQIR	Fu	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1KK8	2PO2		Sc=5.90905, min distance = 2.105548
MYS_AEQIR	Fu	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KK8	1Y8Y		Sc=6.00741, min distance = 2.193790
MYS_AEQIR	Fu	91532	AMF	KIF1A_MOUSE	Ft	6022	Aden	1I5S	1KK8	1I6I	0.99	Sc=6.53262, min distance = 2.292735
MYS_AEQIR	Fu	91532	AMF	PURT_ECOLI	Fu	33113	gar	1EYZ	1KQM	1KJI	0.99	Sc=6.10247, min distance = 2.003457

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NADB_ECOLI	F1	16740985	FRDA_SHEFR	Fu	444188	CI	1M64	1KNR	1E39	0.93	Sc=6.44144, min distance = 2.452070
NADB_ECOLI	F1	444502	GSHR_HUMAN	Fu	444188	CI	3DK9	1KNR	1BWC	0.98	Sc=6.44213, min distance = 2.179929
NADB_ECOLI	F1	445029	OXDA_PIG	Full	444188	CI	1VE9	1KNR	1DAO	0.94	Sc=6.47632, min distance = 2.317698
NADB_ECOLI	F1	446013	O28603_ARCFU	I	444188	CI	1JNR	1KNR	1JNZ	0.94	Sc=6.44883, min distance = 2.282921
NADB_ECOLI	F1	446013	O28604_ARCFU	I	444188	CI	1JNR	1KNR	1JNZ	0.94	Sc=6.44832, min distance = 2.304019
NADB_ECOLI	F1	448054	FRDA_SHEFR	Fu	444188	CI	1M64	1KNR	1Y0P	0.97	Sc=6.44098, min distance = 2.355540
NADB_ECOLI	F1	449465	GSHR_HUMAN	Fu	444188	CI	3DK9	1KNR	3GRT	0.98	Sc=6.44263, min distance = 2.116291
NADB_ECOLI	F1	6420174	O28603_ARCFU	I	444188	CI	1JNR	1KNR	2FJB	0.92	Sc=6.45675, min distance = 2.304740
NADB_ECOLI	F1	6420174	O28604_ARCFU	I	444188	CI	1JNR	1KNR	2FJB	0.92	Sc=6.45706, min distance = 2.328139
NADB_SULTO	F1	11987634	GLPD_ECOLI	Fu	444188	CI	2QCU	2E5V	2R4E	0.97	Sc=6.44648, min distance = 2.096474
NADB_SULTO	F1	16740985	FRDA_SHEFR	Fu	444188	CI	1M64	2E5V	1E39	0.93	Sc=6.44985, min distance = 2.452499
NADB_SULTO	F1	444502	FRDA_SHEFR	Fu	444188	CI	1M64	2E5V	1QJD	0.98	Sc=6.45045, min distance = 2.444299
NADB_SULTO	F1	444502	TYTR_TRYCR	Fu	444188	CI	1BZL	2E5V	1GXF	0.98	Sc=6.44709, min distance = 2.204677
NADB_SULTO	F1	446013	O28604_ARCFU	I	444188	CI	1JNR	2E5V	1JNZ	0.94	Sc=6.44739, min distance = 2.004198
NADB_SULTO	F1	448054	FRDA_SHEFR	Fu	444188	CI	1M64	2E5V	1Y0P	0.97	Sc=6.44795, min distance = 2.503120
NADB_SULTO	F1	6420174	O28603_ARCFU	I	444188	CI	1JNR	2E5V	2FJB	0.92	Sc=6.45293, min distance = 2.133251
NADC_MYCTU	F1	446857	COBT_SALTY	Fu	121992	ni	1L50	1QPN	1L5L		Sc=6.09567, min distance = 1.687518
NADC_MYCTU	F1	446858	COBT_SALTY	Fu	121992	ni	1L50	1QPN	1L5M		Sc=6.14611, min distance = 1.726590
NADC_SALTY	F1	1017	NADC_HELPHY	Fu	1066	quin	2B7N	1QAP	2B7P		Sc=5.88557, min distance = 2.497880
NADD_ECOLI	F1	12530	ALBU_HUMAN	Fu	311	citri	1TF0	1K4M	1HK4		Sc=5.85688, min distance = 2.178938
NADD_ECOLI	F1	12793	SRC_HUMAN	Ful	311	citri	1O4L	1K4M	1O4O		Sc=5.67897, min distance = 2.113274
NADD_ECOLI	F1	439153	ADH1B_HUMAN	F1	5893	nadi	1U3U	1K4M	1DEH	0.79	Sc=6.77675, min distance = 1.755919
NADD_ECOLI	F1	447530	SRC_HUMAN	Ful	311	citri	1O4L	1K4M	1O4F		Sc=5.88391, min distance = 2.457401
NADD_ECOLI	F1	8158	ALBU_HUMAN	Fu	311	citri	1TF0	1K4M	1E7E		Sc=5.88694, min distance = 1.071528
NADD_ECOLI	F1	91557	NMNA3_HUMAN	F1	5893	nadi	1NUU	1K4M	1NUT		Sc=6.52393, min distance = 1.929737
NADD_PSEAE	F1	12136	POL_HV1N5	Ful	311	citri	2GON	1YUM	9HVP		Sc=5.69984, min distance = 68.18279
NADD_PSEAE	F1	12793	SRC_HUMAN	Ful	311	citri	1O4L	1YUM	1O4O		Sc=5.616, min distance = 2.04728138
NADD_PSEAE	F1	439183	TPIS_TRYBB	Fu	311	citri	2VEK	1YUM	1IIH		Sc=5.70644, min distance = 1.438638
NADD_PSEAE	F1	439459	NIFD_KLEPN	Fu	311	citri	1H1L	1YUM	1QGU	0.92	Sc=5.91238, min distance = 2.356538
NADD_PSEAE	F1	439459	NIFK_KLEPN	Fu	311	citri	1H1L	1YUM	1QGU	0.92	Sc=5.92123, min distance = 2.270510
NADD_PSEAE	F1	447550	TPIS_TRYBB	Fu	311	citri	2VEK	1YUM	4TIM		Sc=5.70644, min distance = 1.683312
NADD_PSEAE	F1	448573	CASP7_HUMAN	F1	311	citri	2QL9	1YUM	1SHL		Sc=5.844, min distance = 2.11541958
NADD_STAAC	F1	91557	NMNA3_HUMAN	F1	165491	de	1NUQ	2H29	1NUT		Sc=6.52283, min distance = 2.223087
NADE_BACAN	F1	216878	CYAA_BACAN	Fu	91557	ltr	1S26	2PZ8	1SK6	0.96	Sc=6.30512, min distance = 1.271810
NADE_BACAN	F1	21826754	PYGM_RABIT	Fu	6083	aden	8GPB	2PZA	3BD6		Sc=5.68689, min distance = 2.263999
NADE_BACAN	F1	24851689	PIM1_HUMAN	Fu	6083	aden	1YXU	2PZA	3CY2		Sc=6.25297, min distance = 1.308870
NADE_BACAN	F1	445321	NADE_BACSU	Fu	6083	aden	2NSY	2PZA	1EE1	77.86	0.85 Sc=6.514, min distance = 1.69105824

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NADE_BACAN	F1	445708	AN	NADE_ECOLI	Fu	6083	aden	1WXI	2PZA	1WXE	53.28	0.91	Sc=6.36984, min distance = 2.482611
NADE_BACAN	F1	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	2PZA	1UKY		0.99	Sc=6.42539, min distance = 2.515889
NADE_BACAN	F1	5281701	T	PIM1_HUMAN	Fu	6083	aden	1YXU	2PZA	2O65			Sc=6.38594, min distance = 1.371770
NADE_BACAN	F1	5327121	I	PIM1_HUMAN	Fu	6083	aden	1YXU	2PZA	2C3I			Sc=6.28744, min distance = 2.350549
NADE_BACAN	F1	5957	Ader	AAKG1_RAT	Fu	6083	aden	2V8Q	2PZA	2V92		0.98	Sc=5.76664, min distance = 1.239174
NADE_BACAN	F1	6022	Ader	PSPF_ECOLI	Fu	6083	aden	2VII	2PZA	2C98		0.99	Sc=5.7139, min distance = 2.0235369
NADE_BACAN	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	2PZA	2OUR		0.99	Sc=6.32013, min distance = 2.306749
NADE_BACAN	F1	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2PZA	1YXX			Sc=6.18446, min distance = 2.069730
NADE_BACAN	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2PZA	1YXV			Sc=5.87977, min distance = 1.987810
NADE_BACAN	F1	6802	guar	NADE_BACSU	Fu	6083	aden	2NSY	2PZA	1IH8	77.86	0.76	Sc=6.54319, min distance = 2.160260
NADE_BACAN	F1	6804	guar	PDE10_HUMAN	F1	6083	aden	2OUN	2PZA	2OUQ		0.8	Sc=5.9565, min distance = 0
NADE_BACSU	F1	21826754		PYGM_RABIT	Fu	6083	aden	8GPB	2NSY	3BD6			Sc=5.685, min distance = 2.34465220
NADE_BACSU	F1	445708	AN	NADE_ECOLI	Fu	6083	aden	1WXI	2NSY	1WXE	53.33	0.91	Sc=6.46526, min distance = 1.267694
NADE_BACSU	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1NSY	1ZTF		0.94	Sc=6.01305, min distance = 2.007350
NADE_BACSU	F1	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	2NSY	1UKY		0.99	Sc=5.67979, min distance = 2.474258
NADE_BACSU	F1	5281701	T	PIM1_HUMAN	Fu	6083	aden	1YXU	2NSY	2O65			Sc=6.38015, min distance = 1.363652
NADE_BACSU	F1	5327121	I	PIM1_HUMAN	Fu	6083	aden	1YXU	2NSY	2C3I			Sc=6.28165, min distance = 2.167070
NADE_BACSU	F1	6022	Ader	PSPF_ECOLI	Fu	6083	aden	2VII	2NSY	2C98		0.99	Sc=5.71702, min distance = 2.138772
NADE_BACSU	F1	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2NSY	1YXX			Sc=6.17438, min distance = 2.146479
NADE_BACSU	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2NSY	1YXV			Sc=5.78965, min distance = 2.032282
NADE_BACSU	F1	6804	guar	PDE10_HUMAN	F1	6083	aden	2OUN	2NSY	2OUQ		0.8	Sc=5.95567, min distance = 0
NADE_BACSU	F1	91557	1tr	BLS_STRCL	Fu	6083	aden	1MC1	2NSY	1JGT		0.97	Sc=6.08101, min distance = 2.128064
NADE_ECOLI	F1	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	1WXI	3C4E			Sc=6.00741, min distance = 1.658276
NADE_ECOLI	F1	3973	nche	PIM1_HUMAN	Fu	6083	aden	1YXU	1WXI	1YI3			Sc=5.89507, min distance = 2.189744
NADE_ECOLI	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	1WXI	2OUR		0.99	Sc=6.29836, min distance = 2.217336
NADE_ECOLI	F1	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1WXI	1YXX			Sc=6.14892, min distance = 2.385966
NADE_ECOLI	F1	656968	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	1WXI	1Y2H			Sc=5.9783, min distance = 2.0598126
NADE_HELPA	F1	16122635		KAPCA_BOVIN	F1	5957	Aden	1Q24	1XNG	2UW8			Sc=5.66414, min distance = 2.161872
NADE_HELPA	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1XNG	1ZTF		0.94	Sc=6.26491, min distance = 1.766732
NADE_HELPA	F1	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	1XNG	2ZDH		0.99	Sc=5.97404, min distance = 2.343570
NADE_HELPA	F1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1XNG	1MP8		0.99	Sc=5.98372, min distance = 2.118810
NADE_HELPA	F1	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	1XNG	2R7N		0.99	Sc=5.98372, min distance = 2.379040
NADE_HELPA	F1	6022	Ader	RK_BOVIN	Fu	5957	Aden	3C4W	1XNG	3C4Z		0.99	Sc=5.98308, min distance = 2.192182
NADE_HELPA	F1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1XNG	2VII		0.98	Sc=6.35571, min distance = 2.224250
NADE_HELPA	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1XNG	2R7M		0.98	Sc=5.90214, min distance = 2.348697
NADE_HELPA	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1XNG	2R85		0.98	Sc=5.89926, min distance = 2.130580
NADE_HELPA	F1	6914611	g	KAPCA_BOVIN	F1	5957	Aden	1Q24	1XNG	2F7E			Sc=6.45491, min distance = 2.103122

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NADM_METJA	F1	129236	2d	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1F9A	2CSN		Sc=5.94336, min distance = 1.93641
NADM_METJA	F1	16122642		KAPCA_BOVIN	F1	5957	Aden	1Q24	1F9A	2UZW		Sc=6.4628, min distance = 2.074404
NADM_METJA	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1F9A	1Q8W		Sc=6.00586, min distance = 1.98828
NADM_METJA	F1	444564	AD	MYS2_DICDI	Fu:	5957	Aden	1FMW	1F9A	1W9I	0.91	Sc=6.4262, min distance = 0
NADM_METJA	F1	445432	CI	SYQ_ECOLI	Fu:	5957	Aden	1GTR	1F9A	1QTQ	0.85	Sc=5.79648, min distance = 1.87980
NADM_METJA	F1	447004	CI	MYS2_DICDI	Fu:	5957	Aden	1FMW	1F9A	1LVK		Sc=6.4962, min distance = 0
NADM_METJA	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1F9A	1YDR		Sc=5.98993, min distance = 1.93389
NADM_METJA	F1	6022	Ader	BIOD_ECOLI	Fu:	5957	Aden	1A82	1F9A	1DAD	0.99	Sc=5.96079, min distance = 1.90842
NADM_METJA	F1	6022	Ader	DDL_THET8	Fu:	5957	Aden	2ZDQ	1F9A	2ZDH	0.99	Sc=6.02896, min distance = 1.86631
NADM_METJA	F1	6022	Ader	FAK1_HUMAN	Fu:	5957	Aden	2IJM	1F9A	1MP8	0.99	Sc=5.99459, min distance = 2.28420
NADM_METJA	F1	6022	Ader	MALK_ECOLI	Fu:	5957	Aden	1Q12	1F9A	2AWN	0.99	Sc=6.48525, min distance = 1.42436
NADM_METJA	F1	6022	Ader	MUTS_ECOLI	Fu:	5957	Aden	1W7A	1F9A	1OH7	0.99	Sc=6.0563, min distance = 1.759974
NADM_METJA	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1F9A	2BEJ	0.99	Sc=5.94326, min distance = 2.13698
NADM_METJA	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	1F9A	2J9D	0.99	Sc=6.41531, min distance = 2.00015
NADM_METJA	F1	6083	ader	LPLA_THEAC	Fu:	5957	Aden	2ARU	1F9A	2ART	0.98	Sc=6.32215, min distance = 1.82810
NADM_METJA	F1	6083	ader	PSPF_ECOLI	Fu:	5957	Aden	2C96	1F9A	2VII	0.98	Sc=5.87454, min distance = 2.06801
NADM_METJA	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	1F9A	2R85	0.98	Sc=6.37635, min distance = 1.96001
NADM_METJA	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1F9A	2Q0E	0.8	Sc=6.12375, min distance = 1.69996
NADM_METJA	F1	6914613	g	KAPCA_BOVIN	F1	5957	Aden	1Q24	1F9A	2F7X		Sc=6.49168, min distance = 2.00365
NADM_METJA	F1	91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1F9A	2Z09	0.99	Sc=6.17298, min distance = 2.14226
NADM_METJA	F1	91557	1tr	PANC_MYCTU	Fu:	5957	Aden	2A84	1F9A	1N2E	0.99	Sc=6.06852, min distance = 1.87242
NADM_METJA	F1	9547921	G	SYQ_ECOLI	Fu:	5957	Aden	1GTR	1F9A	2RE8	0.83	Sc=5.80307, min distance = 1.58004
NADM_SYNY3	F1	91557	1tr	NMNA3_HUMAN	F1	5893	nadi	1NUU	2QJO	1NUT		Sc=6.52458, min distance = 2.02924
NAGAB_CHICK	1	439353	be	LEC_ERYCO	Fu:	84265	1ax	1AX0	1KTC	1AX1		Sc=5.74599, min distance = 2.29965
NAGAB_CHICK	1	448882	NG	LECA_ARTIN	Fu:	84265	1ax	1M26	1KTC	1UGX	0.96	Sc=6.11642, min distance = 2.25033
NAGAB_CHICK	1	76935	alg	LECA_ARTIN	Fu:	84265	1ax	1M26	1KTC	1WS4		Sc=5.69586, min distance = 2.44106
NAGAB_CHICK	1	76935	alg	Q868M7_9ECHN	1	84265	1ax	2Z48	1KTC	2Z49		Sc=5.86794, min distance = 1.87920
NAGAB_CHICK	1	79025	alg	TRFL_BOVIN	Fu:	84265	1ax	2AYS	1KTC	2DWJ		Sc=5.74599, min distance = 2.25439
NAGA_BACSU	F1	439284	Rc	GLMS_ECOLI	Fu:	439217	1r	1MOQ	2VHL	1MOR		Sc=5.99587, min distance = 2.02329
NAGB_BACSU	F1	444305	L-	NAGB_ECOLI	Fu:	69507	Neu	1FQO	2BKX	1FS5		Sc=5.63013, min distance = 2.80521
NAGB_ECOLI	F1	24139	ace	PGRP_CAMDR	Fu:	444305	L-	3C2X	1FS5	2R2K		Sc=5.92811, min distance = 1.96166
NAGB_ECOLI	F1	439710	rh	PGRP_CAMDR	Fu:	444305	L-	3C2X	1FS5	3CG9		Sc=5.67059, min distance = 2.45805
NAGB_STRMU	F1	439284	Rc	GLMS_ECOLI	Fu:	439217	1r	1MOQ	2RI1	1MOR		Sc=5.89235, min distance = 2.26446
NAGB_STRMU	F1	6102755	G	GLMS_ECOLI	Fu:	439217	1r	1MOQ	2RI1	2BPL		Sc=6.00499, min distance = 2.12631
NAGK_HUMAN	F1	101798	Me	MBL1_RAT	Full:	82313	1rd	1KWV	2CH5	1KWU		Sc=5.85789, min distance = 1.50794
NAGK_HUMAN	F1	15993	dAT	RECA_MYCTU	Fu:	6022	Aden	1MO3	2CH6	1MO6	0.97	Sc=6.48042, min distance = 1.41280
NAGK_HUMAN	F1	185698	al	MBL1_RAT	Full:	82313	1rd	1KWV	2CH5	2MSB		Sc=5.71748, min distance = 2.48140

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NAGK_HUMAN	F1	185698	al	MBL2_RAT Full-	82313	1rd	1RDN	2CH5	1RDL		Sc=5.86394, min distance = 2.334401
NAGK_HUMAN	F1	193758	Va	AMY1_HUMAN Fu:	79025	alp	3DHP	2CH6	1MFU		Sc=5.72118, min distance = 1.438965
NAGK_HUMAN	F1	25058128		MURD_ECOLI Fu:	6022	Aden	2JFG	2CH6	2VTD		Sc=6.48796, min distance = 1.686990
NAGK_HUMAN	F1	36735	Gpp	Q04230_ECOLX	1	6022	Aden	1GKI	2CH6	1GL6	0.79 Sc=6.53268, min distance = 1.114935
NAGK_HUMAN	F1	439692	D-	XYLA_STRRU Fu:	79025	alp	1XIF	2CH6	4XIS		Sc=5.65079, min distance = 1.922561
NAGK_HUMAN	F1	439710	rh	PGRP_CAMDR Fu:	82313	1rd	3C93	2CH5	3CG9		Sc=5.7479, min distance = 1.6304358
NAGK_HUMAN	F1	439710	rh	UGL_BACGL Ful:	82313	1rd	2FV1	2CH5	2FV0		Sc=5.64864, min distance = 2.260276
NAGK_HUMAN	F1	439764	be	Q9ZB17_9LACT	1	79025	alp	1NSZ	2CH6	1MMZ	0.93 Sc=5.63902, min distance = 2.423140
NAGK_HUMAN	F1	440115	N-	SFTPD_HUMAN Fu:	79025	alp	1PWB	2CH6	2ORJ		Sc=6.10344, min distance = 1.438327
NAGK_HUMAN	F1	440317	AT	BCKD_RAT Full-	6022	Aden	1GKZ	2CH6	1GJV		0.99 Sc=6.04497, min distance = 0.883874
NAGK_HUMAN	F1	444564	AD	BIOD_ECOLI Fu:	6022	Aden	1DAD	2CH6	1BS1		0.91 Sc=6.4311, min distance = 2.0644771
NAGK_HUMAN	F1	444564	AD	MYS2_DICDI Fu:	6022	Aden	1VOM	2CH6	1W9I		0.91 Sc=6.44706, min distance = 1.980421
NAGK_HUMAN	F1	444809	Th	AMY1_HORVU Fu:	79025	alp	1RP8	2CH6	1P6W		0.78 Sc=5.82133, min distance = 1.018828
NAGK_HUMAN	F1	444863	is	MBL1_RAT Full-	82313	1rd	1KWV	2CH5	1KWX		Sc=5.7479, min distance = 2.0644602
NAGK_HUMAN	F1	445825	CI	PYGM_RABIT Fu:	79025	alp	1H5U	2CH6	1GG8		Sc=6.02904, min distance = 1.914350
NAGK_HUMAN	F1	445916	be	XYLA_STRRU Fu:	79025	alp	1XIF	2CH6	1GW9		0.93 Sc=5.62221, min distance = 2.540052
NAGK_HUMAN	F1	447004	CI	MYS2_DICDI Fu:	6022	Aden	1VOM	2CH6	1LVK		Sc=6.51755, min distance = 2.190102
NAGK_HUMAN	F1	447017	CI	NDKC_DICDI Fu:	6022	Aden	1KDN	2CH6	1LWX		Sc=6.45898, min distance = 0.978850
NAGK_HUMAN	F1	447413	NT	PYGM_RABIT Fu:	79025	alp	1H5U	2CH6	1NOJ		Sc=6.0025, min distance = 2.4484219
NAGK_HUMAN	F1	447607	1c	PYGM_RABIT Fu:	79025	alp	1H5U	2CH6	2G9V		Sc=5.71966, min distance = 2.632414
NAGK_HUMAN	F1	447955	1p	CDK2_HUMAN Fu:	6022	Aden	1GY3	2CH6	1PXI		Sc=5.80215, min distance = 1.893084
NAGK_HUMAN	F1	449180	XI	XYLA_STRRU Fu:	79025	alp	1XIF	2CH6	4XIS		Sc=5.67557, min distance = 2.560831
NAGK_HUMAN	F1	449225	3-	XYLA_STROL Fu:	79025	alp	1S5M	2CH6	1XYC		Sc=5.94012, min distance = 2.032947
NAGK_HUMAN	F1	4564	1e1v	CDK2_HUMAN Fu:	6022	Aden	1GY3	2CH6	1E1V		Sc=6.2419, min distance = 2.1401525
NAGK_HUMAN	F1	5289590	I	XYLA_STRRU Fu:	79025	alp	1XIF	2CH6	1XII		Sc=5.6803, min distance = 2.4537312
NAGK_HUMAN	F1	5780	D-Sc	XYLA_STRRU Fu:	79025	alp	1XIF	2CH6	1XIH		0.78 Sc=5.90364, min distance = 2.276114
NAGK_HUMAN	F1	5957	Ader	HSP7F_YEAST Fu:	6022	Aden	3C7N	2CH6	3D2F		0.99 Sc=6.49587, min distance = 1.786760
NAGK_HUMAN	F1	5957	Ader	KTHY_HUMAN Fu:	6022	Aden	1NN3	2CH6	1E2Q		0.99 Sc=6.49312, min distance = 1.967245
NAGK_HUMAN	F1	5957	Ader	MUTS_ECOLI Fu:	6022	Aden	1OH7	2CH6	1W7A		0.99 Sc=6.51057, min distance = 1.807224
NAGK_HUMAN	F1	5957	Ader	PSPF_ECOLI Fu:	6022	Aden	2C98	2CH6	2C96		0.99 Sc=6.50024, min distance = 2.041746
NAGK_HUMAN	F1	5957	Ader	PURL_THEMEA Fu:	6022	Aden	2HRU	2CH6	2HS0		0.99 Sc=6.14452, min distance = 2.055962
NAGK_HUMAN	F1	5957	Ader	RIO2_ARCFU Fu:	6022	Aden	1ZAR	2CH6	1ZAO		0.99 Sc=6.45125, min distance = 2.054554
NAGK_HUMAN	F1	5957	Ader	VG17_BPT4 Ful:	6022	Aden	200J	2CH6	200H		0.99 Sc=6.49477, min distance = 1.923741
NAGK_HUMAN	F1	5957	Ader	Y059_METJA Fu:	6022	Aden	2J9D	2CH6	2J9C		0.99 Sc=6.49982, min distance = 1.945858
NAGK_HUMAN	F1	6027	xylc	XYLA_STRRU Fu:	79025	alp	1XIF	2CH6	3XIS		0.93 Sc=5.62032, min distance = 2.186485
NAGK_HUMAN	F1	6031	Uric	DCK_HUMAN Ful:	6022	Aden	1P5Z	2CH6	2ZIA		Sc=6.32462, min distance = 1.621435
NAGK_HUMAN	F1	6083	ader	PURP_METJA Fu:	6022	Aden	2R7N	2CH6	2R7M		0.99 Sc=6.36839, min distance = 2.193771

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NAGK_HUMAN	F1	6132	Cyt1	ECX2_PYRAB	Fu:	6022	Aden	2PO0	2CH6	2PO2			Sc=6.31729, min distance = 1.929568
NAGK_HUMAN	F1	64960	Pol	XYLA_STRRU	Fu:	79025	alp	1XIF	2CH6	1XIE	0.89		Sc=5.75873, min distance = 2.378694
NAGK_HUMAN	F1	6804	guar	NDK_PYRHO	Fu:	6022	Aden	2DYA	2CH6	2DXF	0.8		Sc=6.41003, min distance = 1.740079
NAGK_HUMAN	F1	8977	ldar	NDK_PYRHO	Fu:	6022	Aden	2DYA	2CH6	2DXE	0.8		Sc=6.43482, min distance = 2.074759
NAGK_HUMAN	F1	91532	AME	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2CH6	1DAG	0.99		Sc=6.52984, min distance = 0.991182
NAGK_HUMAN	F1	91532	AME	F263_HUMAN	Fu:	6022	Aden	2AXN	2CH6	2DWP	0.99		Sc=6.48439, min distance = 2.090849
NAGK_HUMAN	F1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	2CH6	2PUL	0.99		Sc=6.5483, min distance = 0.9427942
NAGK_HUMAN	F1	95259	L-x	XYLA_STRRU	Fu:	79025	alp	1XIF	2CH6	1XIC			Sc=5.71033, min distance = 2.524570
NAGK_HUMAN	F1	9860102	C	PYGM_RABIT	Fu:	79025	alp	1H5U	2CH6	2G9R			Sc=6.09246, min distance = 2.065820
NAGZ_VIBCH	F1	126154	Cy	Q54276_SERMA	I	87901	EIN	1UR8	1Y65	1W1P			Sc=5.62446, min distance = 2.246881
NAGZ_VIBCH	F1	445247	CI	Q54276_SERMA	I	87901	EIN	1UR8	1Y65	1E6R			Sc=5.93288, min distance = 2.390538
NAGZ_VIBCH	F1	449094	Cy	Q54276_SERMA	I	87901	EIN	1UR8	1Y65	1W1T			Sc=6.22982, min distance = 0.720748
NAHC_PSEU8	F1	178518	11	BPHC_BURXL	Fu:	254	3-phe	1KMY	2EI3	1LGT	37.78	0.9	Sc=5.98028, min distance = 2.372336
NAHC_PSEU8	F1	446948	CH	BPHC_BURXL	Fu:	254	3-phe	1KMY	2EI3	1LKD	37.78	0.88	Sc=5.99765, min distance = 2.056177
NAHD_PSEPU	F1	97536	Hex	URE2_YEAST	Fu:	124886	gl	1K0D	2IMF	1K0A		0.9	Sc=6.50303, min distance = 1.682151
NAMPT_HUMAN	I	9543513	F	NAMPT_RAT	Fu:	14181	nic	2G96	2GVG	2G97			Sc=6.47144, min distance = 1.009041
NAMPT_MOUSE	I	9543513	F	NAMPT_RAT	Fu:	14181	nic	2G96	2H3D	2G97			Sc=6.4666, min distance = 1.0966644
NAMPT_RAT	Fu:	457954	Ri	NRK1_HUMAN	Fu:	14181	nic	2QG6	2G96	2P0E			Sc=6.06375, min distance = 2.063949
NANA_STRPN	F1	24820115		NANB_STRPN	Fu:	65309	DAN	2VW1	2VVZ	2VW2			Sc=5.61415, min distance = 1.437336
NANA_STRPN	F1	449401	2,	NANL_MACDE	Fu:	65309	DAN	1SLI	2VVZ	2SLI			Sc=6.26513, min distance = 2.536931
NANB_STRPN	F1	444885	O-	NRAM_I75A5	Fu:	65309	DAN	2QWC	2VW1	1MWE			Sc=5.90453, min distance = 2.284671
NANB_STRPN	F1	445078	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	2VW1	1DIM			Sc=6.33302, min distance = 2.287147
NANB_STRPN	F1	445079	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	2VW1	1DIL			Sc=6.33396, min distance = 2.247914
NANH_MICVI	F1	15991558		OGA_CLOPE	Fu:	439353	be	2J1A	2BZD	2J62	35.34		Sc=6.15333, min distance = 41.79262
NANH_MICVI	F1	444885	O-	NRAM_I75A5	Fu:	65309	DAN	2QWC	1EUS	1MWE			Sc=5.91352, min distance = 2.398108
NANH_MICVI	F1	445078	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	1EUS	1DIM	24.48		Sc=5.86193, min distance = 2.494258
NANH_MICVI	F1	445079	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	1EUS	1DIL	24.48		Sc=5.86309, min distance = 2.454541
NANH_MICVI	F1	449381	Os	NRAM_I75A5	Fu:	65309	DAN	2QWC	1EUS	2QWH			Sc=6.25083, min distance = 2.396801
NANH_MICVI	F1	449535	CI	NANL_MACDE	Fu:	65309	DAN	1SLI	1EUS	4SLI			Sc=6.39451, min distance = 2.474637
NANH_MICVI	F1	51	2-Oxog	SERA_ECOLI	Fu:	311	citri	2P9E	1W80	1YBA	0.76		Sc=5.78653, min distance = 1.109921
NANH_VIBCH	F1	445078	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	1W00	1DIM			Sc=6.30896, min distance = 2.086409
NANH_VIBCH	F1	445079	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	1W00	1DIL			Sc=6.30127, min distance = 2.182926
NANH_VIBCH	F1	449380	2c	NRAM_I75A5	Fu:	65309	DAN	2QWC	1W00	2QWG	0.76		Sc=6.28306, min distance = 2.321508
NANH_VIBCH	F1	449401	2,	NANL_MACDE	Fu:	65309	DAN	1SLI	1W00	2SLI			Sc=6.25167, min distance = 2.278851
NANH_VIBCH	F1	449535	CI	NANL_MACDE	Fu:	65309	DAN	1SLI	1W00	4SLI			Sc=6.3807, min distance = 2.1938997
NANH_VIBCH	F1	60855	zar	NRAM_I75A5	Fu:	444885	O-	1MWE	1W0P	1NNC			Sc=5.89969, min distance = 2.334137
NANH_VIBCH	F1	60855	zar	NRAM_I75A5	Fu:	65309	DAN	2QWC	1W00	1NNC	0.88		Sc=6.43515, min distance = 2.050181

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NANL_MACDE	Ft	445078	CI	NANH_SALTY	Fu	65309	DAN	2SIM	1SLI	1DIM			Sc=5.85183, min distance = 2.492220
NANL_MACDE	Ft	445079	CI	NANH_SALTY	Fu	65309	DAN	2SIM	1SLI	1DIL			Sc=5.84034, min distance = 2.470200
NANL_MACDE	Ft	449381	Os	NRAM_I75A5	Fu	65309	DAN	2QWC	1SLI	2QWH			Sc=6.23346, min distance = 2.432937
NAPA_DESDE	Ft	445198	CI	DMSA_RHOCA	Fu	4369050	F	1H5N	2NAP	1E61	0.98		Sc=6.8216, min distance = 2.0193498
NAPA_DESDE	Ft	5326486	C	DMSA_RHOCA	Fu	4369050	F	1H5N	2NAP	1DMR	0.98		Sc=6.81873, min distance = 2.325681
NAPA_ECOLI	Ft	445198	CI	DMSA_RHOCA	Fu	4369050	F	1H5N	2NYA	1E61	0.98		Sc=6.81859, min distance = 2.128434
NAPA_ECOLI	Ft	5326486	C	DMSA_RHOCA	Fu	4369050	F	1H5N	2NYA	1DMR	0.98		Sc=6.81707, min distance = 2.142672
NCBP1_HUMAN	I	854023	Exp	Q8WSF8_APLCA	I	8200	TETR	2BYN	1N52	2BYQ			Sc=5.95863, min distance = 0.752129
NCD_DROME	Fu	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	1H1Q			Sc=6.32793, min distance = 2.329724
NCD_DROME	Fu	23653516		CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	2R3G			Sc=5.95869, min distance = 2.190750
NCD_DROME	Fu	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	2VTR			Sc=5.90306, min distance = 2.169569
NCD_DROME	Fu	2608	1jstv	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	1JSV			Sc=5.96092, min distance = 2.154799
NCD_DROME	Fu	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1N6M	1BS1	0.91		Sc=5.68219, min distance = 2.227077
NCD_DROME	Fu	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1N6M	1W9I	0.91		Sc=5.65217, min distance = 2.168350
NCD_DROME	Fu	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	1GII			Sc=6.16417, min distance = 2.097290
NCD_DROME	Fu	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	1E1V			Sc=5.99449, min distance = 2.157860
NCD_DROME	Fu	5327133	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	2C6K			Sc=6.17469, min distance = 2.127941
NCD_DROME	Fu	5327135	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	2C6M			Sc=6.18092, min distance = 2.163220
NCD_DROME	Fu	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1N6M	1W7A	0.99		Sc=5.71475, min distance = 2.049180
NCD_DROME	Fu	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	2UUE			Sc=6.40465, min distance = 1.091289
NCD_DROME	Fu	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1N6M	1Y8Y			Sc=5.83712, min distance = 2.263000
NCD_DROME	Fu	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1N6M	1DAG	0.99		Sc=5.76403, min distance = 2.061220
NCD_DROME	Fu	91532	AME	KIF1A_MOUSE	Ft	6022	Aden	1I5S	1N6M	1I6I	0.99		Sc=5.74665, min distance = 2.483124
NCF2_HUMAN	Ft	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	1HH8	1YBA	0.76		Sc=5.65027, min distance = 1.491099
NCF2_HUMAN	Ft	6102712	C	PYRB_ECOLI	Fu	311	citri	1R0B	1HH8	2AIR			Sc=5.65228, min distance = 0.221311
NCF2_HUMAN	Ft	93072	Ure	PYRB_ECOLI	Fu	311	citri	1R0B	1HH8	1R0C			Sc=5.82413, min distance = 1.243119
NCPR_HUMAN	Ft	444658	2a	FLAV_DESVH	Fu	444429	FM	3FX2	1B1C	1BU5	0.97		Sc=6.6001, min distance = 2.1830540
NCPR_HUMAN	Ft	449551	FM	FLAV_DESVH	Fu	444429	FM	3FX2	1B1C	5FX2	0.77		Sc=6.6838, min distance = 2.1025640
NCPR_RAT	Ful	16058622		NOS1_RAT	Full	444243	FA	1TLL	1JA1	2HX4	33.86		Sc=6.30634, min distance = 1.423179
NCPR_RAT	Ful	444658	2a	FLAV_DESVH	Fu	444243	FA	1F4P	1JA1	1BU5	27.27	0.97	Sc=6.56359, min distance = 2.385230
NCPR_RAT	Ful	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1JA1	5FX2	27.27	0.77	Sc=6.63759, min distance = 1.718780
NCPR_YEAST	Ft	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2BPO	1LTD	0.77		Sc=6.24103, min distance = 1.433614
NCPR_YEAST	Ft	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	2BPO	5FX2	0.77		Sc=6.68119, min distance = 2.226749
NDK2_ARATH	Ft	4290313	E	TPIS_TRYBB	Fu	23831	HEF	2V0T	1S57	2VEK			Sc=5.63307, min distance = 2.043034
NDK2_ARATH	Ft	64968	dTT	DPO42_SULSO	Ft	65103	dGT	2JEJ	1S59	1S00			Sc=5.86312, min distance = 2.364089
NDK3_HUMAN	Ft	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	1ZS6	2ETM			Sc=6.14594, min distance = 1.873149
NDK3_HUMAN	Ft	188966	dA	PAPS1_HUMAN	Ft	6022	Aden	1X6V	1ZS6	2PEZ	0.98		Sc=6.31781, min distance = 1.873960

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NDK3_HUMAN	F1	23727981	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	3BHT		Sc=5.92198, min distance = 3.183456
NDK3_HUMAN	F1	23727982	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	3BHU		Sc=6.0016, min distance = 2.7518357
NDK3_HUMAN	F1	3540	IPKA_RAT	Full	6022	Aden	1L3R	1ZS6	1YDS		Sc=5.87874, min distance = 2.083889
NDK3_HUMAN	F1	3543	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	1G5S		Sc=6.53208, min distance = 2.369590
NDK3_HUMAN	F1	4369136	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	1DM2		Sc=6.16474, min distance = 1.587670
NDK3_HUMAN	F1	447649	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	1OI9		Sc=6.39222, min distance = 1.194849
NDK3_HUMAN	F1	447655	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	1OIU		Sc=6.33655, min distance = 1.411270
NDK3_HUMAN	F1	447916	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1ZS6	1ZTF	0.95	Sc=6.16128, min distance = 2.229895
NDK3_HUMAN	F1	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	1PXI		Sc=5.66824, min distance = 1.655566
NDK3_HUMAN	F1	447962	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	2C5N		Sc=6.15711, min distance = 1.404839
NDK3_HUMAN	F1	4565	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	1H1R		Sc=6.26922, min distance = 1.985230
NDK3_HUMAN	F1	5327096	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	2BTR		Sc=6.05676, min distance = 1.685976
NDK3_HUMAN	F1	5327124	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZS6	2C4G		Sc=6.18225, min distance = 0.989396
NDK3_HUMAN	F1	5327148	IPKA_RABIT	Fu	6022	Aden	1JBP	1ZS6	2ERZ		Sc=6.16581, min distance = 2.214688
NDK3_HUMAN	F1	5957	PUR7_METJA	Fu	6022	Aden	2YZL	1ZS6	2Z02	0.99	Sc=5.97322, min distance = 2.356190
NDK3_HUMAN	F1	5957	PURK_ECOLI	Fu	6022	Aden	3ETJ	1ZS6	3ETH	0.99	Sc=5.68127, min distance = 2.026149
NDK3_HUMAN	F1	5957	PURL_THEMA	Fu	6022	Aden	2HRU	1ZS6	2HS0	0.99	Sc=6.03169, min distance = 2.449754
NDK3_HUMAN	F1	5957	Y059_METJA	Fu	6022	Aden	2J9D	1ZS6	2J9C	0.99	Sc=6.40273, min distance = 1.764659
NDK3_HUMAN	F1	6083	PSPF_ECOLI	Fu	6022	Aden	2C98	1ZS6	2VII	0.99	Sc=6.23146, min distance = 2.469106
NDK3_HUMAN	F1	8977	NDK_PYRHO	Fu	6022	Aden	2DYA	1ZS6	2DXE	0.8	Sc=5.6228, min distance = 2.5095676
NDK3_HUMAN	F1	91532	PURP_METJA	Fu	6022	Aden	2R7N	1ZS6	2R7K	0.99	Sc=5.70504, min distance = 2.019832
NDK3_HUMAN	F1	9549303	STK6_HUMAN	Fu	6022	Aden	1MQ4	1ZS6	2NP8		Sc=6.39838, min distance = 2.550967
NDKA1_BOVIN	I	37792	RAC1_HUMAN	Fu	8977	1dar	1RYF	1BHN	2FJU	0.99	Sc=5.90148, min distance = 1.675342
NDKA1_BOVIN	I	37792	RHOA_HUMAN	Fu	8977	1dar	1TX4	1BHN	1CXZ	0.99	Sc=5.6106, min distance = 1.8429660
NDKA_HUMAN	F1	11957393	FAK1_HUMAN	Fu	6022	Aden	1MP8	1UCN	2ETM		Sc=6.13755, min distance = 1.852728
NDKA_HUMAN	F1	1540	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	1H1Q		Sc=6.04758, min distance = 2.165204
NDKA_HUMAN	F1	16214825	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2UZE		Sc=6.2671, min distance = 1.8958379
NDKA_HUMAN	F1	23653515	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2R3F		Sc=6.09181, min distance = 1.469710
NDKA_HUMAN	F1	23653518	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2R3J		Sc=6.29859, min distance = 1.695727
NDKA_HUMAN	F1	23653519	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2R3K		Sc=6.1891, min distance = 1.9338269
NDKA_HUMAN	F1	23727981	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	3BHT		Sc=5.77033, min distance = 2.926150
NDKA_HUMAN	F1	24864077	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2VTN		Sc=5.98945, min distance = 1.834577
NDKA_HUMAN	F1	24864078	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2VTO		Sc=6.13714, min distance = 1.866627
NDKA_HUMAN	F1	24864080	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	2VTR		Sc=5.95881, min distance = 1.449250
NDKA_HUMAN	F1	3543	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	1G5S		Sc=6.45923, min distance = 2.239412
NDKA_HUMAN	F1	447649	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	1OI9		Sc=6.18335, min distance = 2.001169
NDKA_HUMAN	F1	447652	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UCN	1OIU		Sc=6.01515, min distance = 2.039357

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NDKA_HUMAN	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	1UCN	1ZTF	0.95	Sc=6.04242, min distance = 1.970322
NDKA_HUMAN	F1	447955	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	1PXI		Sc=5.65739, min distance = 1.967011
NDKA_HUMAN	F1	447962	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	2C5N		Sc=6.14399, min distance = 2.605196
NDKA_HUMAN	F1	449088	1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	1VYZ		Sc=5.98708, min distance = 1.585490
NDKA_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	1H1R		Sc=6.04758, min distance = 2.794766
NDKA_HUMAN	F1	5327096	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	2BTR		Sc=6.03085, min distance = 1.874934
NDKA_HUMAN	F1	5327130	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	2C68		Sc=6.28549, min distance = 1.365906
NDKA_HUMAN	F1	6420139	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	2C5V		Sc=6.04299, min distance = 1.615427
NDKA_HUMAN	F1	65051	ddT	NDKC_DICDI	Fu:	6022	Aden	1KDN	1UCN	1F3F		Sc=5.66668, min distance = 1.261482
NDKA_HUMAN	F1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	3EJ1		Sc=5.94142, min distance = 2.260156
NDKA_HUMAN	F1	9547890	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	1W8C		Sc=6.10149, min distance = 1.617726
NDKA_HUMAN	F1	9549303	2	STK6_HUMAN	Fu:	6022	Aden	1MQ4	1UCN	2NP8		Sc=6.18484, min distance = 2.865115
NDKA_HUMAN	F1	9991833	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1UCN	2R3H		Sc=6.13011, min distance = 1.885800
NDKC_DICDI	F1	11957393		FAK1_HUMAN	Fu:	6022	Aden	1MP8	1KDN	2ETM		Sc=6.10612, min distance = 1.974583
NDKC_DICDI	F1	11957417		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2I40		Sc=5.97897, min distance = 2.132935
NDKC_DICDI	F1	23653518		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2R3J		Sc=6.27029, min distance = 1.442266
NDKC_DICDI	F1	23653519		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2R3K		Sc=6.16667, min distance = 1.742787
NDKC_DICDI	F1	23653520		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2R3L		Sc=6.28165, min distance = 1.159833
NDKC_DICDI	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	3BHT		Sc=5.87457, min distance = 3.160443
NDKC_DICDI	F1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	3BHU		Sc=5.94671, min distance = 3.095645
NDKC_DICDI	F1	24864081		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2VTS		Sc=6.28597, min distance = 2.075175
NDKC_DICDI	F1	25021197		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	3EOC		Sc=6.24917, min distance = 2.140043
NDKC_DICDI	F1	3543	1g5s	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1G5S		Sc=6.35669, min distance = 2.405076
NDKC_DICDI	F1	447649	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1OI9		Sc=6.31667, min distance = 1.943432
NDKC_DICDI	F1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1OIQ		Sc=5.98225, min distance = 2.135822
NDKC_DICDI	F1	447655	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1OIU		Sc=6.27438, min distance = 2.010375
NDKC_DICDI	F1	447656	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1OII		Sc=6.38945, min distance = 1.379576
NDKC_DICDI	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	1KDN	1ZTF	0.95	Sc=6.06749, min distance = 2.251845
NDKC_DICDI	F1	447962	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2C5N		Sc=6.10512, min distance = 2.312980
NDKC_DICDI	F1	449088	1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1VYZ		Sc=5.81118, min distance = 1.611493
NDKC_DICDI	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	1H1R		Sc=6.22886, min distance = 2.251100
NDKC_DICDI	F1	5327096	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2BTR		Sc=5.98873, min distance = 1.674490
NDKC_DICDI	F1	5327130	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2C68		Sc=6.16763, min distance = 2.083162
NDKC_DICDI	F1	5327131	T	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KDN	2C69		Sc=6.24785, min distance = 2.130635
NDKC_DICDI	F1	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	1KDN	1W7A	0.99	Sc=6.38956, min distance = 1.861153
NDKC_DICDI	F1	5957	Ader	PURP_METJA	Fu:	6022	Aden	2R7N	1KDN	2R7L	0.99	Sc=5.95772, min distance = 1.077620
NDKC_DICDI	F1	5957	Ader	Y059_METJA	Fu:	6022	Aden	2J9D	1KDN	2J9C	0.99	Sc=6.38484, min distance = 1.757293

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NDKC_DICDI	Ft	6083	ader	NDK_PYRHO	Ful	6022	Aden	2DYA	1KDN	2DXD	56.83	0.99	Sc=6.14017, min distance = 2.85131
NDKC_DICDI	Ft	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1KDN	2R7M		0.99	Sc=6.21358, min distance = 2.64060
NDKC_DICDI	Ft	65304	ddZ	DPO1_THEAQ	Fu	65051	ddT	1QTM	1F3F	1QSY			Sc=6.34806, min distance = 0
NDKC_DICDI	Ft	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1KDN	2DXF	56.83	0.8	Sc=6.26137, min distance = 2.28719
NDKC_DICDI	Ft	8977	ldar	NDK_PYRHO	Ful	6022	Aden	2DYA	1KDN	2DXE	56.83	0.8	Sc=6.31919, min distance = 2.98763
NDKC_DICDI	Ft	8977	ldar	NDK_THET8	Ful	6022	Aden	1WKL	1KDN	1WKK		0.8	Sc=5.92286, min distance = 1.76035
NDKC_DICDI	Ft	91532	AME	PURP_METJA	Fu	6022	Aden	2R7N	1KDN	2R7K		0.99	Sc=5.68674, min distance = 2.49900
NDKC_DICDI	Ft	91532	AME	RBSK_ECOLI	Fu	6022	Aden	1RKD	1KDN	1GQT		0.99	Sc=5.96591, min distance = 1.80467
NDKC_DICDI	Ft	9547890	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KDN	1W8C			Sc=6.08249, min distance = 1.55566
NDKC_DICDI	Ft	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KDN	2R3H			Sc=6.07738, min distance = 1.81971
NDK_HALSA	Fu	446696	dc	KCY_ECOLI	Ful	6132	Cyti	2CMK	2AZ3	1KDT		0.88	Sc=5.99204, min distance = 2.91405
NDK_HALSA	Fu	6031	Uric	ECX1_PYRAB	Fu	6132	Cyti	2PO2	2AZ3	2PNZ		0.83	Sc=5.77733, min distance = 2.48477
NDK_MIMIV	Fu	122108	Ri	NDKC_DICDI	Fu	164628	de	1NDC	2B8Q	1MN9			Sc=5.89312, min distance = 2.06020
NDK_MIMIV	Fu	15993	dAT	PRIM_BPT7	Ful	164628	de	1CR4	2B8Q	1CR2			Sc=5.9447, min distance = 2.057439
NDK_MIMIV	Fu	5789	thyn	KTHY_MYCTU	Fu	164628	de	1GTV	2B8Q	1W2G		0.9	Sc=6.12413, min distance = 2.52175
NDK_MIMIV	Fu	6031	Uric	SPSA_BACSU	Fu	164628	de	1H7L	2B8Q	1QGQ		0.87	Sc=6.2878, min distance = 1.757625
NDK_MIMIV	Fu	65051	ddT	NDKC_DICDI	Fu	164628	de	1NDC	2B8Q	1F3F		0.94	Sc=5.96375, min distance = 2.35153
NDK_MIMIV	Fu	9543433	T	NDKC_DICDI	Fu	164628	de	1NDC	2B8Q	1F6T		0.97	Sc=6.34029, min distance = 2.43582
NDK_MYXXA	Fu	6083	ader	PDE10_HUMAN	Ft	6076	Cycl	2OUR	1NHK	2OUN		0.99	Sc=6.17217, min distance = 2.46503
NDK_MYXXA	Fu	6083	ader	PDE4D_HUMAN	Ft	6076	Cycl	2PW3	1NHK	1TB7		0.99	Sc=6.18823, min distance = 2.08922
NDK_MYXXA	Fu	6804	guar	PDE10_HUMAN	Ft	6076	Cycl	2OUR	1NHK	2OUQ		0.79	Sc=5.82593, min distance = 0
NDK_MYXXA	Fu	6858240	C	KAP0_BOVIN	Fu	6076	Cycl	1RGS	1NHK	1NE6		0.98	Sc=5.85265, min distance = 2.29927
NDK_PYRHO	Fu	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	2DXD	3CY3			Sc=6.06165, min distance = 2.68121
NDK_PYRHO	Fu	122108	Ri	NDKC_DICDI	Fu	6022	Aden	1KDN	2DYA	1MN9	56.83		Sc=5.88732, min distance = 1.67426
NDK_PYRHO	Fu	16131862		PAP2_VACCW	Fu	8977	ldar	1JTF	2DXE	1P39		0.97	Sc=6.00918, min distance = 2.02269
NDK_PYRHO	Fu	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	2DYA	3BHT			Sc=5.7897, min distance = 3.031418
NDK_PYRHO	Fu	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	2DYA	3BHU			Sc=5.87469, min distance = 2.69541
NDK_PYRHO	Fu	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	2DXD	1GFZ			Sc=5.64347, min distance = 2.70577
NDK_PYRHO	Fu	3758	IBMX	PDE4D_HUMAN	Ft	6083	aden	1TB7	2DXD	1ZKN			Sc=5.96332, min distance = 1.71920
NDK_PYRHO	Fu	3973	nche	PIM1_HUMAN	Fu	6083	aden	1YXU	2DXD	1YI3			Sc=5.84929, min distance = 1.51504
NDK_PYRHO	Fu	444345	1c	PIM1_HUMAN	Fu	6083	aden	1YXU	2DXD	1YHS			Sc=6.28079, min distance = 2.20650
NDK_PYRHO	Fu	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2DYA	1BS1		0.91	Sc=6.36432, min distance = 2.07013
NDK_PYRHO	Fu	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DYA	1H0V			Sc=6.19578, min distance = 1.81027
NDK_PYRHO	Fu	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2DYA	1HIY	56.83	0.97	Sc=6.3529, min distance = 2.559370
NDK_PYRHO	Fu	447832	AI	ACSA_SALTY	Fu	6083	aden	2P2F	2DXD	1PG4		0.99	Sc=5.98992, min distance = 2.87514
NDK_PYRHO	Fu	447979	5G	KGUA_ECOLI	Fu	8977	ldar	2AN9	2DXE	2ANB			Sc=5.88715, min distance = 2.12289
NDK_PYRHO	Fu	448466	CI	HINT1_RABIT	Ft	6804	guan	3RHN	2DXF	1RZY			Sc=6.2419, min distance = 2.525476

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NDK_PYRHO	Fu: 448505 Ad	NDKC_DICDI	Fu: 6022 Aden 1KDN	2DYA	1S5Z	56.83	0.93	Sc=6.41317, min distance = 2.08737
NDK_PYRHO	Fu: 4565 1h1r	CDK2_HUMAN	Fu: 6022 Aden 1GY3	2DYA	1H1R			Sc=6.10677, min distance = 0.67583
NDK_PYRHO	Fu: 5957 Ader	PSPF_ECOLI	Fu: 6022 Aden 2C98	2DYA	2C96		0.99	Sc=5.99134, min distance = 2.14580
NDK_PYRHO	Fu: 5957 Ader	Y059_METJA	Fu: 6022 Aden 2J9D	2DYA	2J9C		0.99	Sc=6.42759, min distance = 1.84770
NDK_PYRHO	Fu: 6076 Cycl	PDE10_HUMAN	Fu: 6083 aden 2OUN	2DXD	2OUR		0.99	Sc=6.15533, min distance = 2.29264
NDK_PYRHO	Fu: 6076 Cycl	PDE10_HUMAN	Fu: 6804 guan 2OUQ	2DXF	2OUR		0.79	Sc=6.10459, min distance = 0
NDK_PYRHO	Fu: 6102784 A	PSPF_ECOLI	Fu: 6022 Aden 2C98	2DYA	2C99		0.99	Sc=6.46037, min distance = 2.03965
NDK_PYRHO	Fu: 6419789 C	HASP_HUMAN	Fu: 6083 aden 3DLZ	2DXD	3E7V			Sc=5.94096, min distance = 2.47803
NDK_PYRHO	Fu: 65051 ddt	NDKC_DICDI	Fu: 6022 Aden 1KDN	2DYA	1F3F	56.83		Sc=5.9858, min distance = 1.67905
NDK_PYRHO	Fu: 656964 1y	PDE4D_HUMAN	Fu: 6083 aden 1TB7	2DXD	1Y2C			Sc=5.83279, min distance = 2.61196
NDK_PYRHO	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6083 aden 1TB7	2DXD	1Y2E			Sc=5.98749, min distance = 2.61407
NDK_PYRHO	Fu: 9543433 T	NDKC_DICDI	Fu: 6022 Aden 1KDN	2DYA	1F6T	56.83		Sc=6.36323, min distance = 1.90261
NDK_THET8	Fu: 11608401	KAPCA_BOVIN	Fu: 5957 Aden 1Q24	1WKL	2UVY			Sc=5.91467, min distance = 2.36580
NDK_THET8	Fu: 11708454	KAPCA_BOVIN	Fu: 5957 Aden 1Q24	1WKL	2VNW			Sc=5.82755, min distance = 2.60043
NDK_THET8	Fu: 16122632	KAPCA_BOVIN	Fu: 5957 Aden 1Q24	1WKL	2UVZ			Sc=6.04487, min distance = 2.58065
NDK_THET8	Fu: 17751819	KAPCA_BOVIN	Fu: 5957 Aden 1Q24	1WKL	2VO6			Sc=6.03298, min distance = 2.12926
NDK_THET8	Fu: 17754396	PDPK1_HUMAN	Fu: 5957 Aden 2BIY	1WKL	2R7B			Sc=6.04336, min distance = 2.22610
NDK_THET8	Fu: 24978488	TBB2B_BOVIN	Fu: 8977 1dar 1Z2B	1WKK	3DU7			Sc=5.83958, min distance = 2.20897
NDK_THET8	Fu: 37792 gan	RAB6B_HUMAN	Fu: 8977 1dar 2E9S	1WKK	2FFQ		0.99	Sc=5.91339, min distance = 2.02191
NDK_THET8	Fu: 446090 1h	NDKC_DICDI	Fu: 6022 Aden 1KDN	1WKL	1HIY		0.97	Sc=6.3137, min distance = 2.16715
NDK_THET8	Fu: 446248 CI	RAN_HUMAN	Fu: 8977 1dar 3CH5	1WKK	1IBR			Sc=5.95237, min distance = 2.06902
NDK_THET8	Fu: 446248 CI	RASH_HUMAN	Fu: 8977 1dar 2CE2	1WKK	1IAQ			Sc=5.9432, min distance = 2.29492
NDK_THET8	Fu: 447916 ac	RIO1_ARCFU	Fu: 5957 Aden 1ZP9	1WKL	1ZTF		0.94	Sc=5.98467, min distance = 2.39168
NDK_THET8	Fu: 448505 Ad	NDKC_DICDI	Fu: 6022 Aden 1KDN	1WKL	1S5Z		0.93	Sc=5.91531, min distance = 2.01578
NDK_THET8	Fu: 6176 Cyt	PYRI_ECOLI	Fu: 5957 Aden 7AT1	1WKL	2FZC			Sc=5.84505, min distance = 2.35318
NDK_THET8	Fu: 6914614 g	KAPCA_BOVIN	Fu: 5957 Aden 1Q24	1WKL	2F7Z			Sc=6.35096, min distance = 2.20900
NDK_THET8	Fu: 6918710 5	CDK2_HUMAN	Fu: 6022 Aden 1GY3	1WKL	3EJ1			Sc=5.97472, min distance = 2.12599
NDRG2_MOUSE	1 23624247	WRBA_ECOLI	Fu: 62551 Pen 3B6K	2QMQ	3B6I			Sc=5.64926, min distance = 2.29894
NEPU1_THEVU	1 15600 DEC	BACR_HALSA	Fu: 79025 alp 1DZE	1UH4	1XJI			Sc=5.64868, min distance = 0.77427
NEPU1_THEVU	1 193758 Va	AMY1_HUMAN	Fu: 79025 alp 3DHP	1UH4	1MFU			Sc=5.9662, min distance = 0.71425
NEPU1_THEVU	1 193758 Va	CDGT2_BACCI	Fu: 79025 alp 1D3C	1UH4	1DTU			Sc=5.96232, min distance = 1.03687
NEPU1_THEVU	1 444140 CI	CDGT_THETU	Fu: 79025 alp 3BMW	1UH4	1A47			Sc=5.76468, min distance = 0.39824
NEPU1_THEVU	1 446564 LI	BACR_HALSA	Fu: 79025 alp 1DZE	1UH4	1JV7			Sc=5.69423, min distance = 1.13191
NEPU1_THEVU	1 448009 TF	AMY1_HUMAN	Fu: 79025 alp 3DHP	1UH4	1Q4N			Sc=5.60282, min distance = 2.32024
NEPU1_THEVU	1 448819 ty	TSPE_BPP22	Fu: 79025 alp 1TYW	1UH4	1TYU		0.98	Sc=5.68041, min distance = 1.43251
NEPU1_THEVU	1 449571 CI	CDGT1_BACCI	Fu: 79025 alp 1CGU	1UH4	6CGT			Sc=5.7665, min distance = 1.20145
NEPU2_THEVU	1 4369386 A	AMY1_HUMAN	Fu: 79025 alp 3DHP	2D2O	1Z32			Sc=5.69347, min distance = 0.83106

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NEPU2_THEVU	1	444139	CI	AMYP_PIG	Full	79025	alp	1HX0	2D20	1PIG		Sc=5.71012, min distance = 0.494677
NEPU2_THEVU	1	446000	CI	AMYP_PIG	Full	79025	alp	1HX0	2D20	1JFH	0.83	Sc=5.75277, min distance = 2.254475
NEPU2_THEVU	1	95687	Dec	PHSM_ECOLI	Fu	79025	alp	1L5W	2D20	1QM5		Sc=6.09361, min distance = 1.005236
NEPU_BACST	F	13455857		IGKC_MOUSE	Fu	79025	alp	3BZ4	1J0I	3C6S	0.83	Sc=5.74407, min distance = 1.546616
NEPU_BACST	F	4369386	A	AMY1_HUMAN	Fu	79025	alp	3DHP	1J0I	1Z32		Sc=5.73152, min distance = 0.673133
NEPU_BACST	F	439692	D	XYLA_STRRU	Fu	79025	alp	1XIF	1J0I	4XIS		Sc=5.62032, min distance = 2.307605
NEPU_BACST	F	447607	1c	PYGM_RABIT	Fu	79025	alp	1H5U	1J0I	2G9V		Sc=5.76222, min distance = 2.373105
NEPU_BACST	F	6027	xyld	XYLA_STRRU	Fu	79025	alp	1XIF	1J0I	3XIS	0.93	Sc=5.65294, min distance = 2.679686
NEUR2_HUMAN	I	164795	N	RBCMT_PEA	Ful	23831	HEP	1MLV	2F25	2H2J		Sc=5.6862, min distance = 1.5613670
NFNB_ECOLI	F	8778	Laur	CTXA3_NAJAT	F	311	citri	1XT3	1YKI	1H0J		Sc=5.72741, min distance = 0.598184
NFSA_ECOLI	F	5326566	1	Q9WZw1_THEMA	I	444243	FA	1T6Y	1F5V	1S4M	0.82	Sc=6.2183, min distance = 1.6638614
NGB_HUMAN	Fu	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1OJ6	2CMM		Sc=6.21878, min distance = 2.114478
NGB_MOUSE	Fu	11957385		MYG_PHYCA	Ful	444522	HE	1VXD	1W92	2CMM		Sc=5.90078, min distance = 2.098892
NGB_MOUSE	Fu	16741062		MYG_PHYCA	Ful	444522	HE	1VXD	1W92	1MBN	0.88	Sc=6.58727, min distance = 2.164222
NGB_MOUSE	Fu	16741183		MYG_PHYCA	Ful	444522	HE	1VXD	1W92	2EKT	0.93	Sc=6.37677, min distance = 2.075146
NGB_MOUSE	Fu	444207	He	MYG_PHYCA	Ful	444522	HE	1VXD	1W92	1VXG	1	Sc=6.58727, min distance = 2.213805
NGB_MOUSE	Fu	6102730	C	PGH1_SHEEP	Fu	444522	HE	1CQE	1W92	2AYL	0.98	Sc=6.59022, min distance = 2.159833
NGLY1_MOUSE	I	25011741		IPSP_HUMAN	Fu	185698	al	1LQ8	2I74	3DY0		Sc=5.72381, min distance = 0.773995
NGLY1_MOUSE	I	444211	th	ACES_TORCA	Fu	185698	al	1U65	2I74	1ACJ		Sc=5.75308, min distance = 1.990313
NIA1_MAIZE	F	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	1CNF	3BHU		Sc=5.82235, min distance = 2.414005
NIA1_MAIZE	F	24832021		HS90A_HUMAN	F	6022	Aden	1BYQ	1CNF	2QG0		Sc=6.28635, min distance = 2.114004
NIA1_MAIZE	F	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1CNF	2VTR		Sc=5.68376, min distance = 2.224236
NIA1_MAIZE	F	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	1CNF	1GJV	0.99	Sc=5.8785, min distance = 2.6224633
NIA1_MAIZE	F	447652	In	CDK2_HUMAN	Fu	6022	Aden	1GY3	1CNF	1OIQ		Sc=5.89031, min distance = 2.571743
NIA1_MAIZE	F	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1CNF	1H1R		Sc=6.28165, min distance = 1.516854
NIA1_MAIZE	F	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1CNF	2DXF	0.8	Sc=5.82196, min distance = 2.160125
NIA1_MAIZE	F	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1CNF	3EJ1		Sc=5.9395, min distance = 2.6765203
NIA1_MAIZE	F	8977	1dar	NDK_PYRHO	Ful	6022	Aden	2DYA	1CNF	2DXE	0.8	Sc=5.87734, min distance = 2.243813
NIFD_KLEPN	F	12793	Ph	SRC_HUMAN	Ful	311	citri	1O4L	1H1L	1O4O		Sc=5.86728, min distance = 0.861585
NIFD_KLEPN	F	6961	PYR	FUMC_ECOLI	Fu	311	citri	1FUO	1H1L	1FUP		Sc=6.14104, min distance = 2.461022
NIFH1_AZOVI	I	160355	rc	PDXK_SHEEP	Fu	91532	AMP	1RFT	2AFK	1YGK		Sc=6.41572, min distance = 1.658885
NIFH1_AZOVI	I	1720	4-An	PARP1_CHICK	F	6022	Aden	1A26	1FP6	2PAX		Sc=6.05632, min distance = 1.329574
NIFH1_AZOVI	I	33113	gar	KIF1A_MOUSE	F	91532	AMP	1I6I	2AFK	1VfV	0.99	Sc=6.45945, min distance = 2.418353
NIFH1_AZOVI	I	3547	Fasu	KAPCA_BOVIN	F	5957	Aden	1Q24	2C8V	1Q8W		Sc=5.90171, min distance = 2.163492
NIFH1_AZOVI	I	444852	CI	ATPA1_BOVIN	F	5957	Aden	2V7Q	2C8V	1COW	0.91	Sc=6.48884, min distance = 2.232396
NIFH1_AZOVI	I	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	2C8V	1COW	0.91	Sc=6.49123, min distance = 2.298173
NIFH1_AZOVI	I	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1FP6	1COW	0.9	Sc=5.96341, min distance = 2.299545

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NIFH1_AZOVI	1	445736	5	SYS2_METBF	Fu	5957	Aden	2CJA	2C8V	2CJ9	0.87	Sc=6.13409, min distance = 1.215980
NIFH1_AZOVI	1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	2C8V	1ZTF	0.94	Sc=5.80367, min distance = 2.860950
NIFH1_AZOVI	1	448042	2e	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2C8V	1Q8T		Sc=6.07421, min distance = 2.585580
NIFH1_AZOVI	1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	2C8V	2VII	0.98	Sc=5.96483, min distance = 2.017840
NIFH1_AZOVI	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1FP6	1FMO	0.95	Sc=5.79175, min distance = 2.938750
NIFH1_AZOVI	1	6102784	Z	PSPF_ECOLI	Fu	5957	Aden	2C96	2C8V	2C99	0.99	Sc=6.10309, min distance = 2.210190
NIFH1_AZOVI	1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1FP6	2PO2		Sc=5.76632, min distance = 2.439190
NIFH1_AZOVI	1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1FP6	2PO2		Sc=5.92379, min distance = 2.425380
NIFH1_AZOVI	1	6338561	C	MYS2_DICDI	Fu	5957	Aden	1FMW	2C8V	1DOX		Sc=5.79124, min distance = 0
NIFH1_AZOVI	1	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2C8V	2GNI		Sc=5.90171, min distance = 2.354380
NIFK_AZOVI	Fu	23624247		WRBA_ECOLI	Fu	62551	Pen	3B6K	2AFH	3B6I		Sc=5.69537, min distance = 2.414280
NIFK_KLEPN	Fu	62551	Per	NIFK_AZOVI	Fu	439459	Hc	1M1N	1QGU	2AFH	67.43	Sc=5.83178, min distance = 2.096180
NIKR_HELPY	Fu	448573	FI	CASP7_HUMAN	Fu	311	citri	2QL9	2CAD	1SHL		Sc=5.75589, min distance = 2.726150
NLGNX_HUMAN	1	2969	Deca	ALBU_HUMAN	Fu	311	citri	1TF0	3BE8	2VDB		Sc=5.75169, min distance = 1.153650
NLGNX_HUMAN	1	448573	FI	CASP7_HUMAN	Fu	311	citri	2QL9	3BE8	1SHL		Sc=5.89391, min distance = 2.023730
NLGNX_HUMAN	1	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	3BE8	1H0J		Sc=5.69225, min distance = 0.756090
NLTP1_ORYSJ	1	14253	Cet	FABP4_MOUSE	Fu	985	palmi	1LIE	1UVB	1LIC		Sc=5.70387, min distance = 1.294760
NLTP1_ORYSJ	1	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1UVB	1BSO	0.83	Sc=5.79174, min distance = 2.605280
NLTP1_ORYSJ	1	445638	pa	NLTP_MAIZE	Fu	5281	stea	1FK4	1UVC	1FK3	78.26	0.75 Sc=5.99764, min distance = 2.535000
NLTP1_ORYSJ	1	445638	pa	NLTP_MAIZE	Fu	985	palmi	1MZM	1UVB	1FK3	78.26	0.75 Sc=5.90209, min distance = 2.813930
NLTP1_ORYSJ	1	445639	ol	ALBU_HUMAN	Fu	11005	Tet	1N5U	1UVA	1GNI		Sc=6.03632, min distance = 1.287140
NLTP1_ORYSJ	1	445639	ol	NLTP_MAIZE	Fu	11005	Tet	1FK2	1UVA	1FK5	78.26	Sc=5.9805, min distance = 2.183830
NLTP1_ORYSJ	1	445639	ol	NLTP_MAIZE	Fu	985	palmi	1MZM	1UVB	1FK5	78.26	0.77 Sc=6.0352, min distance = 2.1473270
NLTP1_ORYSJ	1	445641	Ri	NLTP_MAIZE	Fu	5281	stea	1FK4	1UVC	1FK7	78.26	Sc=6.1891, min distance = 2.5673880
NLTP1_ORYSJ	1	447234	Hc	EST1_HUMAN	Fu	985	palmi	2DQY	1UVB	1MX5		Sc=6.04643, min distance = 1.014840
NLTP1_ORYSJ	1	447681	al	S14L2_HUMAN	Fu	985	palmi	1O6U	1UVB	1OLM		Sc=6.39809, min distance = 1.208190
NLTP1_ORYSJ	1	5280934	1	NLTP_MAIZE	Fu	5281	stea	1FK4	1UVC	1FK6	78.26	0.75 Sc=6.06816, min distance = 2.133990
NLTP1_ORYSJ	1	5496506	s	POLG_POL1M	Fu	985	palmi	1HXS	1UVB	1AL2		Sc=6.09988, min distance = 2.342150
NLTP1_ORYSJ	1	62551	Per	Y1264_MYCTU	Fu	5281	stea	2EV1	1UVC	1Y10		Sc=5.89162, min distance = 1.138000
NLTP1_ORYSJ	1	6603901	C	PPARD_HUMAN	Fu	5281	stea	2AWH	1UVC	3D5F		Sc=6.43499, min distance = 1.173920
NLTP1_ORYSJ	1	8209	Myri	ABL1_MOUSE	Fu	11005	Tet	1OPK	1UVA	1OPJ		Sc=5.66181, min distance = 2.545330
NLTP1_ORYSJ	1	91486	Sph	POLG_POL1M	Fu	985	palmi	1HXS	1UVB	2PLV		Sc=6.08476, min distance = 2.255060
NLTP_MAIZE	Fu	12530	n-T	ALBU_HUMAN	Fu	445639	ol	1GNI	1FK5	1HK4		Sc=5.83075, min distance = 2.486100
NLTP_MAIZE	Fu	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1MZM	1BSO	0.83	Sc=5.74322, min distance = 2.132980
NLTP_MAIZE	Fu	5496506	s	POLG_POL1M	Fu	985	palmi	1HXS	1MZM	1AL2		Sc=6.11904, min distance = 2.151110
NLTP_MAIZE	Fu	8180	UNDE	ALBU_HUMAN	Fu	445639	ol	1GNI	1FK5	1E7F		Sc=5.73718, min distance = 2.299370
NLTP_MAIZE	Fu	8209	Myri	ABL1_MOUSE	Fu	11005	Tet	1OPK	1FK2	1OPJ		Sc=5.68588, min distance = 2.093050

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NMDE1_RAT	Fu: 10255	ka	GRIA2_RAT	Fu: 33032	L-g	2GFE	2A5S	1FTK		Sc=6.1875, min distance = 1.928401	
NMDE1_RAT	Fu: 10255	ka	GRIK2_RAT	Fu: 33032	L-g	1S50	2A5S	1TT1		Sc=6.20073, min distance = 2.01507	
NMDE1_RAT	Fu: 24820118		GGT_ECOLI	Fu: 33032	L-g	2DG5	2A5S	2Z8K		Sc=5.7104, min distance = 2.240558	
NMDE1_RAT	Fu: 40539	Qui	GRIA2_RAT	Fu: 33032	L-g	2GFE	2A5S	1P1O		Sc=5.92573, min distance = 2.04245	
NMDE1_RAT	Fu: 447195	1n	GRIA2_RAT	Fu: 33032	L-g	2GFE	2A5S	1MQD		Sc=5.95352, min distance = 2.09108	
NMDE1_RAT	Fu: 449178	gl	GLMS_ECOLI	Fu: 33032	L-g	1XFF	2A5S	1XFG	0.81	Sc=5.87401, min distance = 2.24172	
NMNA1_HUMAN	1	6022	Ader	PNTAA_RHORU	Fu: 5893	nadi	2FSV	1KQN	2FR8	Sc=5.86442, min distance = 2.09837	
NMNA3_HUMAN	1	128225	be	NMNA1_HUMAN	Fu: 5893	nadi	1KQN	1NUU	1KR2	Sc=6.74264, min distance = 2.12752	
NMNA3_HUMAN	1	5957	Ader	PANC_MYCTU	Fu: 91557	ltr	1N2E	1NUT	2A84	0.99	Sc=6.43113, min distance = 2.47879
NMNA3_HUMAN	1	6022	Ader	Q94M05_9VIRU	1	91557	ltr	1W48	1NUT	0.99	Sc=6.40345, min distance = 2.03764
NMNA3_HUMAN	1	6083	ader	BLS_STRCL	Fu: 91557	ltr	1JGT	1NUT	1MC1	0.97	Sc=6.36681, min distance = 1.31280
NMNA3_HUMAN	1	6083	ader	NADE_BACAN	Fu: 91557	ltr	2PZ8	1NUT	2PZA	0.97	Sc=6.35961, min distance = 2.25752
NMNA3_HUMAN	1	6083	ader	PANC_MYCTU	Fu: 91557	ltr	1N2E	1NUT	2A7X	0.97	Sc=6.32622, min distance = 2.41639
NMRL1_HUMAN	1	6022	Ader	HMDH_HUMAN	Fu: 5886	NADF	1DQA	2EXX	1HW8		Sc=6.41775, min distance = 1.98971
NNMT_HUMAN	Fu: 188380	Ad	MCES_ENCCU	Fu: 439155	Ad	1RI1	2IIP	1Z3C	0.91	Sc=6.60806, min distance = 2.04556	
NNMT_HUMAN	Fu: 60961	ade	PIMT_PYRFU	Fu: 439155	Ad	1JG1	2IIP	1JG2	0.84	Sc=6.32085, min distance = 2.53401	
NNMT_HUMAN	Fu: 65482	sir	MCES_ENCCU	Fu: 439155	Ad	1RI1	2IIP	2HV9	0.88	Sc=6.59138, min distance = 2.33631	
NNMT_MOUSE	Fu: 188380	Ad	MCES_ENCCU	Fu: 439155	Ad	1RI1	2I62	1Z3C	0.91	Sc=6.59715, min distance = 2.06788	
NNMT_MOUSE	Fu: 60961	ade	PIMT_PYRFU	Fu: 439155	Ad	1JG1	2I62	1JG2	0.84	Sc=6.30124, min distance = 2.48937	
NNMT_MOUSE	Fu: 65482	sir	MCES_ENCCU	Fu: 439155	Ad	1RI1	2I62	2HV9	0.88	Sc=6.13232, min distance = 2.28542	
NNTM_HUMAN	Fu: 15942680		6PGD_LACLM	Fu: 5886	NADF	2IZ0	1DJL	2IZ1		Sc=6.27132, min distance = 2.49892	
NNTM_HUMAN	Fu: 16040277		PNTB_RHORU	Fu: 5886	NADF	2FSV	1DJL	2OOR	0.79	Sc=6.82282, min distance = 2.10156	
NNTM_HUMAN	Fu: 440141	9i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	1DJL	1QYW		Sc=6.4707, min distance = 2.050243	
NOR_FUSOX	Fu: 11957330		CCPR_YEAST	Fu: 444098	HE	2EUT	1F24	1BEQ	0.81	Sc=6.73855, min distance = 2.23593	
NOR_FUSOX	Fu: 11957353		HBA_HORSE	Fu: 444098	HE	2D5X	1F24	1IWH	0.83	Sc=6.76788, min distance = 2.07913	
NOR_FUSOX	Fu: 11957353		HBB_HORSE	Fu: 444098	HE	2D5X	1F24	1IWH	0.83	Sc=6.75816, min distance = 2.12969	
NOR_FUSOX	Fu: 11957353		HBB_HORSE	Fu: 444124	HE	1Y8I	1GEJ	1IWH	0.87	Sc=6.78803, min distance = 2.36146	
NOR_FUSOX	Fu: 11957360		CY1_BOVIN	Fu: 444098	HE	1L0N	1F24	1NTM		Sc=6.76669, min distance = 2.19089	
NOR_FUSOX	Fu: 11957361		CY1_BOVIN	Fu: 444098	HE	1L0N	1F24	1NTZ	0.8	Sc=6.79877, min distance = 2.33657	
NOR_FUSOX	Fu: 11957363		HBA_HUMAN	Fu: 444124	HE	1NQP	1GEJ	1RQA	0.81	Sc=6.76424, min distance = 2.09024	
NOR_FUSOX	Fu: 11957363		HBB_HUMAN	Fu: 444098	HE	1J40	1F24	1RQA	0.77	Sc=6.78994, min distance = 1.91405	
NOR_FUSOX	Fu: 11957370		HMOX1_HUMAN	Fu: 444124	HE	1OZW	1GEJ	1TWN		Sc=6.62344, min distance = 2.15357	
NOR_FUSOX	Fu: 11957371		HMOX1_HUMAN	Fu: 444124	HE	1OZW	1GEJ	1TWR		Sc=6.59758, min distance = 2.36129	
NOR_FUSOX	Fu: 11957385		MYG_PHYCA	Fu: 444098	HE	1A6M	1F24	2CMM		Sc=6.17973, min distance = 2.09683	
NOR_FUSOX	Fu: 11957385		MYG_PHYCA	Fu: 444124	HE	1U7R	1GEJ	2CMM		Sc=6.1707, min distance = 2.28046	
NOR_FUSOX	Fu: 11970219		CCPR_YEAST	Fu: 444098	HE	2EUT	1F24	1BEM	0.83	Sc=6.74063, min distance = 2.14010	
NOR_FUSOX	Fu: 11970221		CCPR_YEAST	Fu: 444098	HE	2EUT	1F24	1BES	0.83	Sc=6.69447, min distance = 2.16301	

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NOR_FUSOX	Fu: 11970222	CCPR_YEAST	Fu: 444098	HE 2EUT	1F24	1BJ9	0.77	Sc=6.80995, min distance = 2.26019
NOR_FUSOX	Fu: 11970242	CCPR_YEAST	Fu: 444098	HE 2EUT	1F24	1CPE	0.83	Sc=6.74507, min distance = 2.19991
NOR_FUSOX	Fu: 4369260	KATG_BURPS	Fu: 444098	HE 2DV1	1F24	1MWV	0.93	Sc=6.75085, min distance = 2.09191
NOR_FUSOX	Fu: 444097	HBA_HUMAN	Fu: 444124	HE 1NQP	1GEJ	1RPS	0.95	Sc=6.7649, min distance = 1.848860
NOR_FUSOX	Fu: 444207	CP119_SULTO	Fu: 444124	HE 3B4X	1GEJ	1UE8	0.99	Sc=6.75164, min distance = 2.18193
NOR_FUSOX	Fu: 444522	NOS3_BOVIN	Fu: 444124	HE 1ZZS	1GEJ	2HX2	0.99	Sc=6.75861, min distance = 2.21863
NOR_FUSOX	Fu: 446332	MYG_PHYCA	Fu: 444098	HE 1A6M	1F24	1IOP	0.82	Sc=6.63807, min distance = 2.01109
NOR_FUSOX	Fu: 446406	MYG_PHYCA	Fu: 444098	HE 1A6M	1F24	1J3F		Sc=6.37326, min distance = 2.00156
NOR_FUSOX	Fu: 446406	MYG_PHYCA	Fu: 444124	HE 1U7R	1GEJ	1J3F		Sc=6.37091, min distance = 2.08698
NOR_FUSOX	Fu: 447168	CCPR_YEAST	Fu: 444098	HE 2EUT	1F24	1ML2	0.82	Sc=6.79255, min distance = 2.07502
NOR_FUSOX	Fu: 5326592	HMOX1_RAT	Fu: 444098	HE 1DVG	1F24	1J2C	0.79	Sc=6.73083, min distance = 2.09698
NOR_FUSOX	Fu: 5326592	HMOX1_RAT	Fu: 444124	HE 1J02	1GEJ	1J2C	0.84	Sc=6.7396, min distance = 2.139950
NOS1_RAT	Fu: 107984	L-NOS3_BOVIN	Fu: 123895	1h 5NSE	1LZX	1ED6	68.91 0.88	Sc=5.846, min distance = 2.4477559
NOS1_RAT	Fu: 107984	L-NOS3_BOVIN	Fu: 1649	3-br 1D0C	1OM5	1ED6	68.91	Sc=6.08507, min distance = 1.28876
NOS1_RAT	Fu: 107984	L-NOS3_BOVIN	Fu: 347590	S- 1D1V	1K2T	1ED6	68.91	Sc=5.75361, min distance = 2.56737
NOS1_RAT	Fu: 107984	L-NOS3_BOVIN	Fu: 440005	L- 1ED5	1K2R	1ED6	68.91 0.78	Sc=5.85251, min distance = 2.18324
NOS1_RAT	Fu: 107984	L-NOS3_BOVIN	Fu: 444951	CI 1Q2O	1OM4	1ED6	68.91	Sc=5.769, min distance = 2.6994128
NOS1_RAT	Fu: 107984	L-NOS3_BOVIN	Fu: 6322	L-ar 4NSE	1OM4	1ED6	68.91 0.91	Sc=5.846, min distance = 2.2402673
NOS1_RAT	Fu: 11149707	NOS3_BOVIN	Fu: 1649	3-br 1D0C	1OM5	3E7S	68.91	Sc=6.09444, min distance = 1.51377
NOS1_RAT	Fu: 11149707	NOS3_BOVIN	Fu: 347590	S- 1D1V	1K2T	3E7S	68.91	Sc=5.88782, min distance = 2.01419
NOS1_RAT	Fu: 11149707	NOS3_BOVIN	Fu: 656911	HS 1P6M	1P6I	3E7S	68.91	Sc=5.92734, min distance = 2.34087
NOS1_RAT	Fu: 11149707	NOS3_BOVIN	Fu: 656914	DF 1RS8	1RS6	3E7S	68.91	Sc=5.91562, min distance = 2.08195
NOS1_RAT	Fu: 11149707	NOS3_BOVIN	Fu: 656915	CI 1RS9	1RS7	3E7S	68.91	Sc=6.01356, min distance = 1.35456
NOS1_RAT	Fu: 11957370	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1ZVI	1TWN		Sc=6.56359, min distance = 2.44071
NOS1_RAT	Fu: 11957371	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1ZVI	1TWR		Sc=6.49486, min distance = 2.01374
NOS1_RAT	Fu: 11957385	MYG_PHYCA	Fu: 444098	HE 1A6M	1OM4	2CMM		Sc=6.04136, min distance = 2.26626
NOS1_RAT	Fu: 11957385	MYG_PHYCA	Fu: 444124	HE 1U7R	1ZVI	2CMM		Sc=6.04386, min distance = 2.60121
NOS1_RAT	Fu: 11957385	MYG_PHYCA	Fu: 444207	He 1VXG	1ZVL	2CMM		Sc=6.0245, min distance = 2.253885
NOS1_RAT	Fu: 11957385	MYG_PHYCA	Fu: 444522	HE 1VXD	1VAG	2CMM		Sc=6.03526, min distance = 2.43651
NOS1_RAT	Fu: 123831	N-NOS3_BOVIN	Fu: 123895	1h 5NSE	1LZX	7NSE	68.91 0.86	Sc=5.95974, min distance = 1.92950
NOS1_RAT	Fu: 123831	N-NOS3_BOVIN	Fu: 347590	S- 1D1V	1K2T	7NSE	68.91	Sc=5.886, min distance = 2.8544496
NOS1_RAT	Fu: 123831	N-NOS3_BOVIN	Fu: 444951	CI 1Q2O	1OM4	7NSE	68.91	Sc=5.90438, min distance = 2.55589
NOS1_RAT	Fu: 123831	N-NOS3_BOVIN	Fu: 6322	L-ar 4NSE	1OM4	7NSE	68.91 0.89	Sc=5.95233, min distance = 1.87226
NOS1_RAT	Fu: 123831	N-NOS3_BOVIN	Fu: 656914	DF 1RS8	1RS6	7NSE	68.91	Sc=6.02364, min distance = 1.85940
NOS1_RAT	Fu: 123831	N-NOS3_BOVIN	Fu: 656915	CI 1RS9	1RS7	7NSE	68.91	Sc=5.93639, min distance = 2.22109
NOS1_RAT	Fu: 1331	Lopa-NOS3_BOVIN	Fu: 123895	1h 5NSE	1LZX	1D1Y	68.91	Sc=6.09318, min distance = 2.26820
NOS1_RAT	Fu: 1331	Lopa-NOS3_BOVIN	Fu: 1649	3-br 1D0C	1OM5	1D1Y	68.91	Sc=6.06519, min distance = 2.18327

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NOS1_RAT	Ful: 1331	Lopa	NOS3_BOVIN	Fu: 347590	S-	1D1V	1K2T	1D1Y	68.91	Sc=6.00052, min distance = 2.674132
NOS1_RAT	Ful: 1331	Lopa	NOS3_BOVIN	Fu: 440005	L-	1ED5	1K2R	1D1Y	68.91	Sc=6.10256, min distance = 2.398011
NOS1_RAT	Ful: 1331	Lopa	NOS3_BOVIN	Fu: 444951	CI	1Q2O	1OM4	1D1Y	68.91	Sc=6.04748, min distance = 2.465731
NOS1_RAT	Ful: 1331	Lopa	NOS3_BOVIN	Fu: 656914	DF	1RS8	1RS6	1D1Y	68.91	Sc=6.11067, min distance = 1.809879
NOS1_RAT	Ful: 1331	Lopa	NOS3_BOVIN	Fu: 656915	CI	1RS9	1RS7	1D1Y	68.91	Sc=6.01932, min distance = 2.306249
NOS1_RAT	Ful: 133246	di	NOS2_HUMAN	Fu: 6322	L-ar	1NSI	1OM4	4NOS	65.87	Sc=6.17781, min distance = 2.243289
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 123895	1h	5NSE	1LZX	1D1X	68.91	Sc=6.1209, min distance = 1.9388524
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 1649	3-br	1D0C	1OM5	1D1X	68.91	Sc=6.11604, min distance = 1.534354
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 347590	S-	1D1V	1K2T	1D1X	68.91	Sc=6.03316, min distance = 2.546116
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 440005	L-	1ED5	1K2R	1D1X	68.91	Sc=6.13104, min distance = 2.039224
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 444951	CI	1Q2O	1OM4	1D1X	68.91	Sc=6.05794, min distance = 2.609670
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 6322	L-ar	4NSE	1OM4	1D1X	68.91	Sc=6.12611, min distance = 2.126891
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 656914	DF	1RS8	1RS6	1D1X	68.91	Sc=6.13217, min distance = 1.995881
NOS1_RAT	Ful: 1337	Lopa	NOS3_BOVIN	Fu: 656915	CI	1RS9	1RS7	1D1X	68.91	Sc=6.0421, min distance = 2.4162379
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 123895	1h	5NSE	1LZX	1DM6	68.91	Sc=5.94812, min distance = 0.424721
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 16058621	2HX2	2HX3	1DM6	1DM6	68.91	Sc=5.99335, min distance = 0.962229
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 1649	3-br	1D0C	1OM5	1DM6	68.91	Sc=5.9915, min distance = 1.0128598
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 440005	L-	1ED5	1K2R	1DM6	68.91	Sc=5.9423, min distance = 0.5285527
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 444951	CI	1Q2O	1OM4	1DM6	68.91	Sc=5.71884, min distance = 1.909649
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 6322	L-ar	4NSE	1OM4	1DM6	68.91	Sc=5.9124, min distance = 0.3946466
NOS1_RAT	Ful: 181426	2-	NOS3_BOVIN	Fu: 656911	HS	1P6M	1P6I	1DM6	68.91	Sc=5.89781, min distance = 0.127769
NOS1_RAT	Ful: 1893	7-ni	NOS3_BOVIN	Fu: 123895	1h	5NSE	1LZX	1FOJ	68.91	Sc=5.73529, min distance = 0.714361
NOS1_RAT	Ful: 1893	7-ni	NOS3_BOVIN	Fu: 1649	3-br	1D0C	1OM5	1FOJ	68.91	0.89 Sc=5.99737, min distance = 0.595011
NOS1_RAT	Ful: 1893	7-ni	NOS3_BOVIN	Fu: 440005	L-	1ED5	1K2R	1FOJ	68.91	Sc=5.73279, min distance = 0.950041
NOS1_RAT	Ful: 1893	7-ni	NOS3_BOVIN	Fu: 656911	HS	1P6M	1P6I	1FOJ	68.91	Sc=5.676, min distance = 2.26420891
NOS1_RAT	Ful: 1894	7-ni	NOS3_BOVIN	Fu: 123895	1h	5NSE	1LZX	1FOJ	68.91	Sc=6.11869, min distance = 0.915459
NOS1_RAT	Ful: 1894	7-ni	NOS3_BOVIN	Fu: 1649	3-br	1D0C	1OM5	1FOJ	68.91	Sc=6.02512, min distance = 0.274069
NOS1_RAT	Ful: 1894	7-ni	NOS3_BOVIN	Fu: 347590	S-	1D1V	1K2T	1FOJ	68.91	Sc=5.82513, min distance = 1.344742
NOS1_RAT	Ful: 1894	7-ni	NOS3_BOVIN	Fu: 440005	L-	1ED5	1K2R	1FOJ	68.91	Sc=6.09147, min distance = 1.082811
NOS1_RAT	Ful: 1894	7-ni	NOS3_BOVIN	Fu: 656914	DF	1RS8	1RS6	1FOJ	68.91	Sc=5.77737, min distance = 2.487937
NOS1_RAT	Ful: 1894	7-ni	NOS3_BOVIN	Fu: 656915	CI	1RS9	1RS7	1FOJ	68.91	Sc=5.8615, min distance = 1.4857651
NOS1_RAT	Ful: 21501	5-N	NOS3_HUMAN	Fu: 1649	3-br	1M9R	1OM5	1M9Q	68.33	0.82 Sc=6.0067, min distance = 0.6046990
NOS1_RAT	Ful: 24239	6-N	NOS3_HUMAN	Fu: 1649	3-br	1M9R	1OM5	1M9M	68.33	0.8 Sc=6.01616, min distance = 0.853199
NOS1_RAT	Ful: 24941263		NOS3_HUMAN	Fu: 123895	1h	3NOS	1LZX	3EAH	68.33	Sc=5.91689, min distance = 0.616559
NOS1_RAT	Ful: 24941263		NOS3_HUMAN	Fu: 1649	3-br	1M9R	1OM5	3EAH	68.33	Sc=5.92064, min distance = 0.922131
NOS1_RAT	Ful: 292661	2,	PTR1_LEIMA	Fu: 444951	CI	2BFP	1OM4	1W0C		Sc=6.11489, min distance = 0.945899
NOS1_RAT	Ful: 292661	2,	PTR1_LEIMA	Fu: 445040	6-1E92		2G6I	1W0C		Sc=6.14987, min distance = 0.648450

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NOS1_RAT	Ful	439202	L	NOS3_BOVIN	Fu	123895	1h	5NSE	1LZX	6NSE	68.91	0.75	Sc=5.74433, min distance = 1.957145
NOS1_RAT	Ful	439202	L	NOS3_BOVIN	Fu	347590	S-	1D1V	1K2T	6NSE	68.91		Sc=5.66723, min distance = 2.688730
NOS1_RAT	Ful	439202	L	NOS3_BOVIN	Fu	440005	L-	1ED5	1K2R	6NSE	68.91		Sc=5.75701, min distance = 2.250480
NOS1_RAT	Ful	439202	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1OM4	6NSE	68.91		Sc=5.74876, min distance = 1.908820
NOS1_RAT	Ful	444658	2a	FLAV_DESVH	Fu	444243	FA	1F4P	1TLL	1BU5	28.19	0.97	Sc=6.61742, min distance = 2.170550
NOS1_RAT	Ful	444965	2	ARGI1_RAT	Ful	123895	1h	1HQF	1LZX	1D3V			Sc=5.60314, min distance = 2.201320
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	123895	1h	5NSE	1LZX	1DMJ	68.91		Sc=6.12311, min distance = 1.215200
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	1649	3-br	1D0C	1OM5	1DMJ	68.91		Sc=6.14954, min distance = 1.533110
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	347590	S-	1D1V	1K2T	1DMJ	68.91		Sc=6.04782, min distance = 2.080730
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	440005	L-	1ED5	1K2R	1DMJ	68.91		Sc=5.96856, min distance = 1.723420
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1OM4	1DMJ	68.91		Sc=5.95797, min distance = 2.638060
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	656914	DF	1RS8	1RS6	1DMJ	68.91		Sc=5.99729, min distance = 2.572450
NOS1_RAT	Ful	445108	AE	NOS3_BOVIN	Fu	656915	CI	1RS9	1RS7	1DMJ	68.91		Sc=6.03586, min distance = 0.328000
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	123895	1h	5NSE	1LZX	1DMK	68.91		Sc=6.1556, min distance = 2.0477930
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	1649	3-br	1D0C	1OM5	1DMK	68.91		Sc=6.3206, min distance = 1.3197960
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	347590	S-	1D1V	1K2T	1DMK	68.91		Sc=6.19241, min distance = 1.504470
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	440005	L-	1ED5	1K2R	1DMK	68.91		Sc=6.35131, min distance = 0.790740
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	444951	CI	1Q2O	1OM4	1DMK	68.91		Sc=6.1411, min distance = 2.5321440
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1OM4	1DMK	68.91		Sc=6.19115, min distance = 1.763060
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	656914	DF	1RS8	1RS6	1DMK	68.91		Sc=6.17497, min distance = 1.923560
NOS1_RAT	Ful	445109	2	NOS3_BOVIN	Fu	656915	CI	1RS9	1RS7	1DMK	68.91		Sc=5.88156, min distance = 1.544650
NOS1_RAT	Ful	445678	CI	NOS3_BOVIN	Fu	16058621	2HX2	2HX3	1FOI		68.91		Sc=5.8538, min distance = 1.2930710
NOS1_RAT	Ful	445678	CI	NOS3_BOVIN	Fu	1649	3-br	1D0C	1OM5	1FOI	68.91		Sc=5.88165, min distance = 0.689910
NOS1_RAT	Ful	445678	CI	NOS3_BOVIN	Fu	656911	HS	1P6M	1P6I	1FOI	68.91		Sc=5.68516, min distance = 0.794290
NOS1_RAT	Ful	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1TLL	5FX2	28.19	0.77	Sc=6.68236, min distance = 2.172800
NOS1_RAT	Ful	9085	homc	NOS3_BOVIN	Fu	123895	1h	5NSE	1LZX	1DM7	68.91	0.87	Sc=5.89265, min distance = 2.264700
NOS1_RAT	Ful	9085	homc	NOS3_BOVIN	Fu	347590	S-	1D1V	1K2T	1DM7	68.91		Sc=5.83163, min distance = 2.662310
NOS1_RAT	Ful	9085	homc	NOS3_BOVIN	Fu	440005	L-	1ED5	1K2R	1DM7	68.91	0.76	Sc=5.91359, min distance = 2.153720
NOS1_RAT	Ful	9085	homc	NOS3_BOVIN	Fu	444951	CI	1Q2O	1OM4	1DM7	68.91		Sc=5.8563, min distance = 2.6939850
NOS1_RAT	Ful	9085	homc	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1OM4	1DM7	68.91	0.9	Sc=5.89908, min distance = 2.214380
NOS1_RAT	Ful	9085	homc	NOS3_BOVIN	Fu	656914	DF	1RS8	1RS6	1DM7	68.91		Sc=5.98298, min distance = 2.065030
NOS1_RAT	Ful	9547942	C	NOS3_BOVIN	Fu	123895	1h	5NSE	1LZX	2G6O	68.91	0.81	Sc=5.86263, min distance = 1.955660
NOS1_RAT	Ful	9547942	C	NOS3_BOVIN	Fu	1649	3-br	1D0C	1OM5	2G6O	68.91		Sc=6.08966, min distance = 1.534930
NOS1_RAT	Ful	9547942	C	NOS3_BOVIN	Fu	347590	S-	1D1V	1K2T	2G6O	68.91		Sc=5.80787, min distance = 2.610490
NOS1_RAT	Ful	9547942	C	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1OM4	2G6O	68.91	0.84	Sc=5.86465, min distance = 1.912350
NOS2_HUMAN	Fu	107984	L	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	1ED6	60.34		Sc=5.81516, min distance = 2.393490
NOS2_HUMAN	Fu	107984	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1ED6	60.34	0.91	Sc=5.84822, min distance = 2.424170

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NOS2_HUMAN	F1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	4NOS	1TWR			Sc=6.579, min distance = 2.4937854	
NOS2_HUMAN	F1	11957385	MYG_PHYCA	Full	444098	HE	1A6M	3E7G	2CMM			Sc=6.16329, min distance = 2.25226	
NOS2_HUMAN	F1	11957385	MYG_PHYCA	Full	444124	HE	1U7R	4NOS	2CMM			Sc=6.18559, min distance = 2.54454	
NOS2_HUMAN	F1	123831	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	7NSE	60.34		Sc=5.95424, min distance = 2.37624	
NOS2_HUMAN	F1	123831	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	7NSE	60.34	0.89	Sc=5.95609, min distance = 2.56889	
NOS2_HUMAN	F1	123895	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1LZX	65.87		Sc=5.9536, min distance = 2.209721	
NOS2_HUMAN	F1	123895	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1LZX	65.87		Sc=6.09812, min distance = 0.93741	
NOS2_HUMAN	F1	123895	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1LZX	65.87	0.96	Sc=6.06626, min distance = 1.79478	
NOS2_HUMAN	F1	123895	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	5NSE	60.34	0.96	Sc=5.92872, min distance = 2.10076	
NOS2_HUMAN	F1	126494	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1K2S	65.87		Sc=6.13196, min distance = 1.59865	
NOS2_HUMAN	F1	126494	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1K2S	65.87		Sc=6.24655, min distance = 1.22056	
NOS2_HUMAN	F1	126494	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1K2S	65.87	0.76	Sc=6.22447, min distance = 0.86598	
NOS2_HUMAN	F1	1331	Lopa	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	1D1Y	60.34		Sc=6.06349, min distance = 2.14494
NOS2_HUMAN	F1	1337	Lopa	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	1D1X	60.34		Sc=6.08416, min distance = 1.87367
NOS2_HUMAN	F1	1337	Lopa	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1D1X	60.34		Sc=6.1234, min distance = 2.013676
NOS2_HUMAN	F1	1433	Tocr	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1QWC	65.87		Sc=5.85955, min distance = 1.44646
NOS2_HUMAN	F1	1433	Tocr	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1QWC	65.87		Sc=5.87577, min distance = 2.31882
NOS2_HUMAN	F1	16058621	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	2HX3	65.87		Sc=6.2135, min distance = 2.028899	
NOS2_HUMAN	F1	16058621	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	2HX2	60.34		Sc=6.11554, min distance = 2.22425	
NOS2_HUMAN	F1	16058622	NOS1_RAT	Full	444124	HE	1ZVI	4NOS	2HX4	65.87		Sc=5.79369, min distance = 2.51486	
NOS2_HUMAN	F1	1649	3-br	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	1D0C	60.34		Sc=5.81884, min distance = 0.40320
NOS2_HUMAN	F1	1649	3-br	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1D0C	60.34		Sc=5.92245, min distance = 1.11947
NOS2_HUMAN	F1	1649	3-br	NOS3_HUMAN	Fu	133246	di	3NOS	4NOS	1M9R	59.85		Sc=5.86794, min distance = 0.66707
NOS2_HUMAN	F1	181426	2-	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	1DM6	60.34		Sc=5.67106, min distance = 2.34741
NOS2_HUMAN	F1	181426	2-	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1DM6	60.34		Sc=5.92468, min distance = 0.81500
NOS2_HUMAN	F1	1893	7-ni	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1FOJ	60.34		Sc=5.7665, min distance = 0.872292
NOS2_HUMAN	F1	1894	7-ni	NOS3_BOVIN	Fu	444951	CI	1Q2O	1NSI	1FOJ	60.34		Sc=5.75952, min distance = 2.05239
NOS2_HUMAN	F1	24941263	NOS3_HUMAN	Fu	133246	di	3NOS	4NOS	3EAH	59.85		Sc=5.77615, min distance = 1.88070	
NOS2_HUMAN	F1	292661	2,	PTR1_LEIMA	Fu	444951	CI	2BFP	1NSI	1W0C			Sc=6.09254, min distance = 1.06676
NOS2_HUMAN	F1	292661	2,	PTR1_LEIMA	Fu	445040	6-1E92	3E7G	1W0C				Sc=6.12975, min distance = 1.35147
NOS2_HUMAN	F1	3311	S-Et	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1K2U	65.87		Sc=5.72051, min distance = 1.75057
NOS2_HUMAN	F1	3311	S-Et	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1K2U	65.87		Sc=5.85521, min distance = 1.13730
NOS2_HUMAN	F1	3311	S-Et	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1K2U	65.87		Sc=5.81461, min distance = 1.94445
NOS2_HUMAN	F1	347590	S	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1K2T	65.87		Sc=5.6304, min distance = 1.818123
NOS2_HUMAN	F1	347590	S	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1K2T	65.87		Sc=5.77389, min distance = 1.09200
NOS2_HUMAN	F1	347590	S	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1K2T	65.87		Sc=5.71384, min distance = 1.94392
NOS2_HUMAN	F1	347590	S	NOS3_BOVIN	Fu	11149707	3E7S	3E7G	1D1V	60.34		Sc=5.88629, min distance = 0.55534	

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NOS2_HUMAN	F1	347590	S	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1D1V	60.34	Sc=5.62082, min distance = 1.855635
NOS2_HUMAN	F1	347590	S	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1D1V	60.34	Sc=5.65991, min distance = 2.124134
NOS2_HUMAN	F1	439202	L	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	6NSE	60.34	Sc=5.7281, min distance = 2.1756994
NOS2_HUMAN	F1	439202	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	6NSE	60.34	Sc=5.74433, min distance = 2.046734
NOS2_HUMAN	F1	440005	L	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1K2R	65.87	Sc=6.04054, min distance = 2.161684
NOS2_HUMAN	F1	440005	L	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1K2R	65.87	Sc=6.14128, min distance = 0.966044
NOS2_HUMAN	F1	440005	L	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1K2R	65.87	0.84 Sc=6.13329, min distance = 1.775885
NOS2_HUMAN	F1	440005	L	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1ED5	60.34	Sc=6.01116, min distance = 1.820420
NOS2_HUMAN	F1	440005	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1ED5	60.34	0.84 Sc=6.02018, min distance = 2.026405
NOS2_HUMAN	F1	444288	CI	KARG_LIMPO	Fu	6322	L-ar	1M15	1NSI	1P52		Sc=5.73102, min distance = 2.104472
NOS2_HUMAN	F1	445107	CI	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1DMI	60.34	0.81 Sc=6.15745, min distance = 2.472955
NOS2_HUMAN	F1	445108	AE	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1DMJ	60.34	Sc=6.13615, min distance = 1.010514
NOS2_HUMAN	F1	445109	2,	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1DMK	60.34	Sc=6.15853, min distance = 2.391664
NOS2_HUMAN	F1	445109	2,	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1DMK	60.34	Sc=6.33349, min distance = 0.876522
NOS2_HUMAN	F1	447180	Tc	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1MMV	65.87	Sc=6.12763, min distance = 1.766712
NOS2_HUMAN	F1	447180	Tc	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1MMV	65.87	Sc=6.25051, min distance = 0.884984
NOS2_HUMAN	F1	447180	Tc	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1MMV	65.87	0.83 Sc=6.17241, min distance = 1.454665
NOS2_HUMAN	F1	447181	VI	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1MMW	65.87	Sc=6.0535, min distance = 1.8981267
NOS2_HUMAN	F1	447181	VI	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1MMW	65.87	Sc=6.1891, min distance = 1.3461667
NOS2_HUMAN	F1	447181	VI	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1MMW	65.87	0.78 Sc=6.15687, min distance = 1.782751
NOS2_HUMAN	F1	449021	CI	NOS1_RAT	Full	444124	HE	1ZVI	4NOS	1VAG	65.87	Sc=6.173, min distance = 2.01383042
NOS2_HUMAN	F1	449021	CI	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1VAG	65.87	Sc=6.18438, min distance = 1.598744
NOS2_HUMAN	F1	6251	D-me	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1P6K	65.87	Sc=5.84181, min distance = 1.856985
NOS2_HUMAN	F1	6251	D-me	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1P6K	65.87	Sc=5.85224, min distance = 1.557054
NOS2_HUMAN	F1	656910	di	NOS1_RAT	Full	444098	HE	1OM4	3E7G	1P6K	65.87	Sc=6.24844, min distance = 2.169742
NOS2_HUMAN	F1	656910	di	NOS1_RAT	Full	444124	HE	1ZVI	4NOS	1P6K	65.87	Sc=6.27437, min distance = 2.068391
NOS2_HUMAN	F1	656910	di	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1P6K	65.87	Sc=6.28377, min distance = 2.302444
NOS2_HUMAN	F1	656910	di	NOS1_RAT	Full	445040	6-	2G6I	3E7G	1P6K	65.87	Sc=6.25924, min distance = 2.087092
NOS2_HUMAN	F1	656910	di	NOS1_RAT	Full	6322	L-ar	1OM4	1NSI	1P6K	65.87	Sc=6.26604, min distance = 2.512201
NOS2_HUMAN	F1	656911	HS	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1P6M	60.34	Sc=5.91845, min distance = 2.668444
NOS2_HUMAN	F1	656911	HS	NOS3_BOVIN	Fu	6322	L-ar	4NSE	1NSI	1P6M	60.34	Sc=5.99929, min distance = 2.811935
NOS2_HUMAN	F1	656912	N;	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1ZZS	60.34	Sc=5.94769, min distance = 2.645724
NOS2_HUMAN	F1	656914	DE	NOS1_RAT	Full	444951	CI	1OM4	1NSI	1RS6	65.87	Sc=5.85425, min distance = 1.680795
NOS2_HUMAN	F1	656914	DE	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1RS8	60.34	Sc=5.85963, min distance = 2.204594
NOS2_HUMAN	F1	656915	CI	NOS1_RAT	Full	444124	HE	1ZVI	4NOS	1RS7	65.87	Sc=5.92368, min distance = 1.995105
NOS2_HUMAN	F1	657085	DE	ARGI1_RAT	Ful	6322	L-ar	1T5G	1NSI	1T4P		Sc=5.62651, min distance = 2.136785
NOS2_HUMAN	F1	9085	homc	NOS3_BOVIN	Fu	444951	CI	1Q20	1NSI	1DM7	60.34	Sc=5.886, min distance = 2.11461911

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NOS2_HUMAN	F1	9085 homd	NOS3_BOVIN	Fu	6322 L-ar	4NSE	1NSI	1DM7	60.34	0.9	Sc=5.89908, min distance = 2.46120
NOS2_HUMAN	F1	9547941 4	NOS1_RAT	Full	444951 CI	1OM4	1NSI	2G6J	65.87		Sc=5.76659, min distance = 2.80529
NOS2_HUMAN	F1	9547941 4	NOS1_RAT	Full	445040 6-	2G6I	3E7G	2G6J	65.87	0.79	Sc=5.77558, min distance = 2.58327
NOS2_HUMAN	F1	9547941 4	NOS1_RAT	Full	6322 L-ar	1OM4	1NSI	2G6J	65.87		Sc=5.87273, min distance = 2.16069
NOS2_HUMAN	F1	9547942 C	NOS3_BOVIN	Fu	444951 CI	1Q2O	1NSI	2G6O	60.34		Sc=5.85006, min distance = 1.97944
NOS2_HUMAN	F1	9547942 C	NOS3_BOVIN	Fu	6322 L-ar	4NSE	1NSI	2G6O	60.34	0.84	Sc=5.85835, min distance = 2.06093
NOS2_MOUSE	F1	11957363	HBA_HUMAN	Fu	444124 HE	1NQP	2ORT	1RQA		0.81	Sc=6.42952, min distance = 2.21030
NOS2_MOUSE	F1	11957363	HBB_HUMAN	Fu	444124 HE	1NQP	2ORT	1RQA		0.81	Sc=6.73604, min distance = 2.20242
NOS2_MOUSE	F1	11957385	MYG_PHYCA	Fu	444098 HE	1A6M	3DWJ	2CMM			Sc=6.14512, min distance = 2.31391
NOS2_MOUSE	F1	11957385	MYG_PHYCA	Fu	444124 HE	1U7R	2ORT	2CMM			Sc=6.23061, min distance = 2.08046
NOS2_MOUSE	F1	123831 N	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	7NSE	63.46		Sc=5.9404, min distance = 2.64243
NOS2_MOUSE	F1	123895 1H	NOS1_RAT	Full	1433 Toc	1QWC	1QW5	1LZX	65.48		Sc=5.93229, min distance = 2.17107
NOS2_MOUSE	F1	123895 1H	NOS1_RAT	Full	444951 CI	1OM4	1N2N	1LZX	65.48		Sc=5.93753, min distance = 2.32564
NOS2_MOUSE	F1	123895 1H	NOS1_RAT	Full	445040 6-	2G6I	3E6N	1LZX	65.48		Sc=5.9636, min distance = 2.32502
NOS2_MOUSE	F1	123895 1H	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	5NSE	63.46		Sc=5.90286, min distance = 2.41174
NOS2_MOUSE	F1	123895 1H	NOSO_BACSU	Fu	445040 6-	2FC1	3E6N	2FBZ			Sc=5.64228, min distance = 2.25163
NOS2_MOUSE	F1	126494 N	NOS1_RAT	Full	1433 Toc	1QWC	1QW5	1K2S	65.48		Sc=6.1238, min distance = 2.05897
NOS2_MOUSE	F1	126494 N	NOS1_RAT	Full	444951 CI	1OM4	1N2N	1K2S	65.48		Sc=6.14066, min distance = 2.14115
NOS2_MOUSE	F1	126494 N	NOS1_RAT	Full	445040 6-	2G6I	3E6N	1K2S	65.48		Sc=6.15309, min distance = 1.93634
NOS2_MOUSE	F1	1331 Lopa	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	1D1Y	63.46		Sc=6.05794, min distance = 2.49468
NOS2_MOUSE	F1	1337 Lopa	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	1D1X	63.46		Sc=6.07799, min distance = 2.35458
NOS2_MOUSE	F1	16058622	NOS1_RAT	Full	445040 6-	2G6I	3E6N	2HX4	65.48		Sc=5.98291, min distance = 2.40347
NOS2_MOUSE	F1	1649 3-br	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	1D0C	63.46		Sc=5.80476, min distance = 0.66522
NOS2_MOUSE	F1	1649 3-br	NOS3_HUMAN	Fu	133246 di	3NOS	3DWJ	1M9R	63.71		Sc=5.80997, min distance = 0.81039
NOS2_MOUSE	F1	181426 2	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	1DM6	63.46		Sc=5.62959, min distance = 2.46663
NOS2_MOUSE	F1	24941263	NOS3_HUMAN	Fu	133246 di	3NOS	3DWJ	3EAH	63.71		Sc=5.73097, min distance = 2.02202
NOS2_MOUSE	F1	292661 2	PTR1_LEIMA	Fu	444951 CI	2BFP	1N2N	1W0C			Sc=5.90874, min distance = 2.36125
NOS2_MOUSE	F1	292661 2	PTR1_LEIMA	Fu	445040 6-	1E92	3E6N	1W0C			Sc=5.93211, min distance = 2.12775
NOS2_MOUSE	F1	3311 S-Et	NOS1_RAT	Full	1433 Toc	1QWC	1QW5	1K2U	65.48		Sc=5.72718, min distance = 2.16351
NOS2_MOUSE	F1	3311 S-Et	NOS1_RAT	Full	444951 CI	1OM4	1N2N	1K2U	65.48		Sc=5.71811, min distance = 2.32541
NOS2_MOUSE	F1	3311 S-Et	NOS1_RAT	Full	445040 6-	2G6I	3E6N	1K2U	65.48		Sc=5.72494, min distance = 1.89689
NOS2_MOUSE	F1	3311 S-Et	NOS1_RAT	Full	447180 Tc	1MMV	1QW4	1K2U	65.48		Sc=5.70428, min distance = 2.57502
NOS2_MOUSE	F1	347590 S	NOS1_RAT	Full	1433 Toc	1QWC	1QW5	1K2T	65.48		Sc=5.62082, min distance = 2.20010
NOS2_MOUSE	F1	347590 S	NOS1_RAT	Full	444951 CI	1OM4	1N2N	1K2T	65.48		Sc=5.6257, min distance = 2.29477
NOS2_MOUSE	F1	347590 S	NOS1_RAT	Full	445040 6-	2G6I	3E6N	1K2T	65.48		Sc=5.63477, min distance = 1.84386
NOS2_MOUSE	F1	347590 S	NOS1_RAT	Full	447180 Tc	1MMV	1QW4	1K2T	65.48		Sc=5.60103, min distance = 2.51974
NOS2_MOUSE	F1	347590 S	NOS3_BOVIN	Fu	444951 CI	1Q2O	1N2N	1D1V	63.46		Sc=5.61098, min distance = 2.29080

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NOS2_MOUSE	F1	440005	L	NOS1_RAT	Full	1433	Tocr	1QWC	1QW5	1K2R	65.48		Sc=6.02018, min distance = 1.803480
NOS2_MOUSE	F1	440005	L	NOS1_RAT	Full	444951	CI	1OM4	1N2N	1K2R	65.48		Sc=6.03618, min distance = 2.226080
NOS2_MOUSE	F1	440005	L	NOS1_RAT	Full	445040	6-	2G6I	3E6N	1K2R	65.48		Sc=6.06147, min distance = 2.196560
NOS2_MOUSE	F1	440005	L	NOS1_RAT	Full	447180	Tc	1MMV	1QW4	1K2R	65.48		Sc=6.02436, min distance = 2.294020
NOS2_MOUSE	F1	440005	L	NOS3_BOVIN	Fu	444951	CI	1Q2O	1N2N	1ED5	63.46		Sc=5.9939, min distance = 2.377140
NOS2_MOUSE	F1	445109	2,	NOS3_BOVIN	Fu	444951	CI	1Q2O	1N2N	1DMK	63.46		Sc=6.12509, min distance = 2.380820
NOS2_MOUSE	F1	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	2ORT	1I3D	0.89		Sc=6.74356, min distance = 2.287650
NOS2_MOUSE	F1	447181	VI	NOS1_RAT	Full	1433	Tocr	1QWC	1QW5	1MMW	65.48		Sc=6.04895, min distance = 2.127950
NOS2_MOUSE	F1	447181	VI	NOS1_RAT	Full	444951	CI	1OM4	1N2N	1MMW	65.48		Sc=6.04895, min distance = 2.241830
NOS2_MOUSE	F1	447181	VI	NOS1_RAT	Full	445040	6-	2G6I	3E6N	1MMW	65.48		Sc=6.07266, min distance = 2.273190
NOS2_MOUSE	F1	447181	VI	NOS1_RAT	Full	447180	Tc	1MMV	1QW4	1MMW	65.48		Sc=6.04278, min distance = 2.353720
NOS2_MOUSE	F1	6322	L-ar	NOS1_RAT	Full	1433	Tocr	1QWC	1QW5	1OM4	65.48		Sc=5.85639, min distance = 2.143650
NOS2_MOUSE	F1	6322	L-ar	NOS1_RAT	Full	445040	6-	2G6I	3E6N	1OM4	65.48		Sc=5.88942, min distance = 2.336050
NOS2_MOUSE	F1	6322	L-ar	NOS3_BOVIN	Fu	444951	CI	1Q2O	1N2N	4NSE	63.46		Sc=5.83738, min distance = 2.580820
NOS2_MOUSE	F1	656910	di	NOS1_RAT	Full	1433	Tocr	1QWC	1QW5	1P6K	65.48		Sc=5.91475, min distance = 2.156590
NOS2_MOUSE	F1	656910	di	NOS1_RAT	Full	444098	HE	1OM4	3DWJ	1P6K	65.48		Sc=6.2947, min distance = 2.129470
NOS2_MOUSE	F1	656910	di	NOS1_RAT	Full	444951	CI	1OM4	1N2N	1P6K	65.48		Sc=6.24672, min distance = 2.603360
NOS2_MOUSE	F1	656910	di	NOS1_RAT	Full	445040	6-	2G6I	3E6N	1P6K	65.48		Sc=6.27524, min distance = 2.517770
NOS2_MOUSE	F1	656910	di	NOS1_RAT	Full	447180	Tc	1MMV	1QW4	1P6K	65.48		Sc=5.85242, min distance = 2.237340
NOS2_MOUSE	F1	656914	DF	NOS1_RAT	Full	444207	He	1ZVL	1NOS	1RS6	65.48		Sc=5.618, min distance = 2.49450550
NOS2_MOUSE	F1	656915	CI	NOS1_RAT	Full	445040	6-	2G6I	3E6N	1RS7	65.48		Sc=5.93971, min distance = 2.034810
NOS2_MOUSE	F1	656915	CI	NOS1_RAT	Full	447180	Tc	1MMV	1QW4	1RS7	65.48		Sc=5.9472, min distance = 2.2902890
NOS2_MOUSE	F1	9085	homc	NOS3_BOVIN	Fu	444951	CI	1Q2O	1N2N	1DM7	63.46		Sc=5.88145, min distance = 2.568220
NOS2_MOUSE	F1	9547941	4	NOS1_RAT	Full	1433	Tocr	1QWC	1QW5	2G6J	65.48		Sc=5.84969, min distance = 2.003820
NOS2_MOUSE	F1	9547941	4	NOS1_RAT	Full	444951	CI	1OM4	1N2N	2G6J	65.48		Sc=5.7576, min distance = 2.7746820
NOS2_MOUSE	F1	9547941	4	NOS1_RAT	Full	445040	6-	2G6I	3E6N	2G6J	65.48	0.79	Sc=5.73644, min distance = 3.199740
NOS3_BOVIN	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1ZS	1TWN			Sc=6.57891, min distance = 2.441660
NOS3_BOVIN	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1ZS	1TWR			Sc=6.58222, min distance = 2.485030
NOS3_BOVIN	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	1D0C	2CMM			Sc=6.04905, min distance = 2.409410
NOS3_BOVIN	F1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1ZS	2CMM			Sc=6.18909, min distance = 2.578520
NOS3_BOVIN	F1	11957385		MYG_PHYCA	Ful	444522	HE	1VXD	2HX2	2CMM			Sc=6.17511, min distance = 2.275230
NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	123895	1h	1LZX	5NSE	1K2S	68.91		Sc=6.09925, min distance = 2.379930
NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	347590	S-	1K2T	1D1V	1K2S	68.91		Sc=6.11712, min distance = 1.315130
NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	440005	L-	1K2R	1ED5	1K2S	68.91		Sc=6.06893, min distance = 2.324590
NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	1K2S	68.91		Sc=6.15634, min distance = 1.717500
NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	6322	L-ar	1OM4	4NSE	1K2S	68.91	0.76	Sc=6.09153, min distance = 2.583210
NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	656914	DF	1RS6	1RS8	1K2S	68.91		Sc=6.24855, min distance = 1.042880

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NOS3_BOVIN	F1	126494	N	NOS1_RAT	Full	656915	CI	1RS7	1RS9	1K2S	68.91		Sc=6.08666, min distance = 2.592610
NOS3_BOVIN	F1	1433	Tocr	NOS1_RAT	Full	123895	1h	1LZX	5NSE	1QWC	68.91		Sc=5.95639, min distance = 1.747020
NOS3_BOVIN	F1	1433	Tocr	NOS1_RAT	Full	1649	3-br	1OM5	1D0C	1QWC	68.91		Sc=5.92188, min distance = 0.957140
NOS3_BOVIN	F1	1433	Tocr	NOS1_RAT	Full	347590	S-	1K2T	1D1V	1QWC	68.91		Sc=5.79455, min distance = 2.050360
NOS3_BOVIN	F1	1433	Tocr	NOS1_RAT	Full	440005	L-	1K2R	1ED5	1QWC	68.91		Sc=6.01588, min distance = 1.131130
NOS3_BOVIN	F1	1433	Tocr	NOS1_RAT	Full	6322	L-ar	1OM4	4NSE	1QWC	68.91		Sc=5.98299, min distance = 1.614780
NOS3_BOVIN	F1	1433	Tocr	NOS1_RAT	Full	656911	HS	1P6I	1P6M	1QWC	68.91		Sc=5.96581, min distance = 0.476290
NOS3_BOVIN	F1	1433	Tocr	NOS2_MOUSE	Fu	444951	CI	1N2N	1Q2O	1QW5	63.46		Sc=5.62567, min distance = 2.475710
NOS3_BOVIN	F1	16058622		NOS1_RAT	Full	16058621		2HX3	2HX2	2HX4	68.91		Sc=5.94886, min distance = 1.555090
NOS3_BOVIN	F1	16058622		NOS1_RAT	Full	440005	L-	1K2R	1ED5	2HX4	68.91		Sc=6.52072, min distance = 0.602540
NOS3_BOVIN	F1	24850786		NOS1_RAT	Full	656914	DF	1RS6	1RS8	3B3N	68.91		Sc=5.95331, min distance = 2.123150
NOS3_BOVIN	F1	24850913		NOS1_RAT	Full	16058621		2HX3	2HX2	3B3M	68.91		Sc=6.15161, min distance = 1.091040
NOS3_BOVIN	F1	24850913		NOS1_RAT	Full	656915	CI	1RS7	1RS9	3B3M	68.91		Sc=5.84628, min distance = 1.938730
NOS3_BOVIN	F1	292661	2,	PTR1_LEIMA	Fu	444951	CI	2BFP	1Q2O	1W0C			Sc=6.13136, min distance = 0.986370
NOS3_BOVIN	F1	3311	S-Et	NOS1_RAT	Full	347590	S-	1K2T	1D1V	1K2U	68.91	0.87	Sc=5.716, min distance = 1.78547080
NOS3_BOVIN	F1	3311	S-Et	NOS1_RAT	Full	440005	L-	1K2R	1ED5	1K2U	68.91		Sc=5.88208, min distance = 0.625320
NOS3_BOVIN	F1	3311	S-Et	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	1K2U	68.91		Sc=5.72718, min distance = 1.822990
NOS3_BOVIN	F1	3311	S-Et	NOS1_RAT	Full	6322	L-ar	1OM4	4NSE	1K2U	68.91		Sc=5.85385, min distance = 0.367150
NOS3_BOVIN	F1	3311	S-Et	NOS1_RAT	Full	656914	DF	1RS6	1RS8	1K2U	68.91		Sc=5.71811, min distance = 2.126500
NOS3_BOVIN	F1	3311	S-Et	NOS1_RAT	Full	656915	CI	1RS7	1RS9	1K2U	68.91		Sc=5.70013, min distance = 2.581930
NOS3_BOVIN	F1	4369001	C	HBA_HUMAN	Ful	444522	HE	2DN1	2HX2	4HHB		0.81	Sc=6.53669, min distance = 2.314440
NOS3_BOVIN	F1	444288	CI	KARG_LIMPO	Fu	6322	L-ar	1M15	4NSE	1P52			Sc=5.72108, min distance = 2.013450
NOS3_BOVIN	F1	444965	2	ARGI1_RAT	Ful	6322	L-ar	1T5G	4NSE	1D3V			Sc=5.62651, min distance = 1.842010
NOS3_BOVIN	F1	445040	6-	NOS1_RAT	Full	656915	CI	1RS7	1RS9	2G6I	68.91		Sc=6.16683, min distance = 1.739500
NOS3_BOVIN	F1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	1ZZS	1J3F			Sc=6.12834, min distance = 2.625910
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	123895	1h	1LZX	5NSE	1MMV	68.91	0.81	Sc=6.08831, min distance = 2.291500
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	347590	S-	1K2T	1D1V	1MMV	68.91		Sc=6.10847, min distance = 1.146960
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	440005	L-	1K2R	1ED5	1MMV	68.91		Sc=6.27815, min distance = 0.791490
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	1MMV	68.91		Sc=6.1395, min distance = 1.4954510
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	6322	L-ar	1OM4	4NSE	1MMV	68.91	0.83	Sc=6.07608, min distance = 2.387640
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	656914	DF	1RS6	1RS8	1MMV	68.91		Sc=6.1508, min distance = 1.0859620
NOS3_BOVIN	F1	447180	Tc	NOS1_RAT	Full	656915	CI	1RS7	1RS9	1MMV	68.91		Sc=6.08666, min distance = 2.280160
NOS3_BOVIN	F1	447180	Tc	NOS2_MOUSE	Fu	444951	CI	1N2N	1Q2O	1QW4	63.46		Sc=6.11157, min distance = 2.473390
NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	123895	1h	1LZX	5NSE	1MMW	68.91	0.76	Sc=6.01049, min distance = 2.560530
NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	347590	S-	1K2T	1D1V	1MMW	68.91		Sc=6.03656, min distance = 1.054130
NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	440005	L-	1K2R	1ED5	1MMW	68.91		Sc=6.21433, min distance = 1.105960
NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	1MMW	68.91		Sc=6.07959, min distance = 1.702240

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NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	6322	L-ar	1OM4	4NSE	1MMW	68.91	0.78	Sc=6.17977, min distance = 1.17786
NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	656914	DF	1RS6	1RS8	1MMW	68.91		Sc=6.09338, min distance = 1.21986
NOS3_BOVIN	F1	447181	VI	NOS1_RAT	Full	656915	CI	1RS7	1RS9	1MMW	68.91		Sc=6.01396, min distance = 2.48733
NOS3_BOVIN	F1	449021	CI	NOS1_RAT	Full	440005	L-	1K2R	1ED5	1VAG	68.91		Sc=6.20892, min distance = 1.54579
NOS3_BOVIN	F1	449021	CI	NOS1_RAT	Full	444124	HE	1ZVI	1ZZS	1VAG	68.91		Sc=6.16592, min distance = 1.92206
NOS3_BOVIN	F1	449021	CI	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	1VAG	68.91		Sc=6.18438, min distance = 2.14275
NOS3_BOVIN	F1	449021	CI	NOS1_RAT	Full	656914	DF	1RS6	1RS8	1VAG	68.91		Sc=6.18909, min distance = 2.47522
NOS3_BOVIN	F1	449021	CI	NOS1_RAT	Full	656915	CI	1RS7	1RS9	1VAG	68.91		Sc=6.1492, min distance = 2.532117
NOS3_BOVIN	F1	6251	D-ma	NOS1_RAT	Full	347590	S-	1K2T	1D1V	1P6K	68.91		Sc=5.79829, min distance = 2.06298
NOS3_BOVIN	F1	6251	D-ma	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	1P6K	68.91		Sc=5.74254, min distance = 2.86746
NOS3_BOVIN	F1	6251	D-ma	NOS1_RAT	Full	656914	DF	1RS6	1RS8	1P6K	68.91		Sc=5.80558, min distance = 1.89075
NOS3_BOVIN	F1	6251	D-ma	NOS1_RAT	Full	656915	CI	1RS7	1RS9	1P6K	68.91		Sc=5.79088, min distance = 1.63732
NOS3_BOVIN	F1	657085	DF	ARGI1_RAT	Full	123895	1h	1HQF	5NSE	1T4P			Sc=5.61411, min distance = 2.33773
NOS3_BOVIN	F1	657087	CI	ARGI1_RAT	Full	123895	1h	1HQF	5NSE	1T4T		0.8	Sc=5.6117, min distance = 2.728539
NOS3_BOVIN	F1	9547941	4	NOS1_RAT	Full	347590	S-	1K2T	1D1V	2G6J	68.91		Sc=5.71402, min distance = 3.18116
NOS3_BOVIN	F1	9547941	4	NOS1_RAT	Full	440005	L-	1K2R	1ED5	2G6J	68.91		Sc=5.93987, min distance = 1.09380
NOS3_BOVIN	F1	9547941	4	NOS1_RAT	Full	444951	CI	1OM4	1Q2O	2G6J	68.91		Sc=5.72905, min distance = 2.87398
NOS3_BOVIN	F1	9547941	4	NOS1_RAT	Full	6322	L-ar	1OM4	4NSE	2G6J	68.91		Sc=5.93815, min distance = 1.34363
NOS3_BOVIN	F1	9547941	4	NOS1_RAT	Full	656914	DF	1RS6	1RS8	2G6J	68.91		Sc=5.69605, min distance = 2.88002
NOS3_HUMAN	F1	11957363		HBB_HUMAN	Full	444124	HE	1NQP	1M9K	1RQA		0.81	Sc=6.65233, min distance = 2.18249
NOS3_HUMAN	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1M9K	1TWN			Sc=6.57397, min distance = 2.39736
NOS3_HUMAN	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1M9K	1TWR			Sc=6.57408, min distance = 1.84208
NOS3_HUMAN	F1	11957385		MYG_PHYCA	Full	444098	HE	1A6M	1M9J	2CMM			Sc=6.14109, min distance = 2.32639
NOS3_HUMAN	F1	11957385		MYG_PHYCA	Full	444124	HE	1U7R	1M9K	2CMM			Sc=6.04657, min distance = 2.40782
NOS3_HUMAN	F1	11957385		MYG_PHYCA	Full	444207	He	1VXG	1M9M	2CMM			Sc=6.16464, min distance = 2.34866
NOS3_HUMAN	F1	126494	N	NOS1_RAT	Full	123895	1h	1LZX	3NOS	1K2S	68.33		Sc=6.0777, min distance = 2.11237
NOS3_HUMAN	F1	126494	N	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1K2S	68.33		Sc=6.16561, min distance = 1.10196
NOS3_HUMAN	F1	1433	Tocr	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1QWC	68.33		Sc=5.99305, min distance = 1.70261
NOS3_HUMAN	F1	1433	Tocr	NOS2_MOUSE	Fu	133246	di	3DWJ	3NOS	1QW5	63.71		Sc=5.74908, min distance = 1.99120
NOS3_HUMAN	F1	16058622		NOS1_RAT	Full	444207	He	1ZVL	1M9M	2HX4	68.33		Sc=5.62426, min distance = 2.28457
NOS3_HUMAN	F1	3311	S-Et	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1K2U	68.33		Sc=5.8763, min distance = 0.97837
NOS3_HUMAN	F1	440005	L-	NOS1_RAT	Full	123895	1h	1LZX	3NOS	1K2R	68.33	0.85	Sc=5.99219, min distance = 2.28904
NOS3_HUMAN	F1	440005	L-	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1K2R	68.33		Sc=5.94632, min distance = 1.15434
NOS3_HUMAN	F1	444522	HE	CPXA_PSEPU	Fu	444207	He	1PHC	1M9M	1QMQ		1	Sc=6.7235, min distance = 1.97167
NOS3_HUMAN	F1	447180	Tc	NOS1_RAT	Full	123895	1h	1LZX	3NOS	1MMV	68.33	0.81	Sc=6.05842, min distance = 2.36280
NOS3_HUMAN	F1	447180	Tc	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1MMV	68.33		Sc=6.16206, min distance = 1.03848
NOS3_HUMAN	F1	447181	VI	NOS1_RAT	Full	123895	1h	1LZX	3NOS	1MMW	68.33	0.76	Sc=5.98411, min distance = 2.51439

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NOS3_HUMAN	F1	447181	VI	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1MMW	68.33		Sc=5.96531, min distance = 1.405917
NOS3_HUMAN	F1	6322	L-ar	ARGI1_RAT	Full	123895	1h	1HQF	3NOS	1T5G	0.96		Sc=5.78107, min distance = 2.282895
NOS3_HUMAN	F1	6322	L-ar	NOS1_RAT	Full	1649	3-br	1OM5	1M9R	1OM4	68.33		Sc=5.94196, min distance = 1.260455
NOS3_HUMAN	F1	656910	di	NOS1_RAT	Full	123895	1h	1LZX	3NOS	1P6K	68.33		Sc=5.64792, min distance = 2.249885
NOS3_HUMAN	F1	656910	di	NOS1_RAT	Full	444098	HE	1OM4	1M9J	1P6K	68.33		Sc=5.85872, min distance = 2.264525
NOS3_HUMAN	F1	656910	di	NOS1_RAT	Full	444207	He	1ZVL	1M9M	1P6K	68.33		Sc=6.21106, min distance = 2.596925
NOSO_BACSU	F1	107984	L	NOS3_BOVIN	Fu	123895	1h	5NSE	2FBZ	1ED6	0.88		Sc=5.81516, min distance = 2.429680
NOSO_BACSU	F1	11149707		NOS3_BOVIN	Fu	123895	1h	5NSE	2FBZ	3E7S			Sc=5.96111, min distance = 2.222065
NOSO_BACSU	F1	11149707		NOS3_BOVIN	Fu	6322	L-ar	4NSE	2FC1	3E7S			Sc=5.96491, min distance = 2.119618
NOSO_BACSU	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	2AN0	1TWN			Sc=6.57891, min distance = 2.046890
NOSO_BACSU	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	2AN0	1TWR			Sc=6.58556, min distance = 2.226325
NOSO_BACSU	F1	11957385		MYG_PHYCA	Ful	444207	He	1VXG	1M7V	2CMM			Sc=6.17735, min distance = 2.312035
NOSO_BACSU	F1	11957385		MYG_PHYCA	Ful	444522	HE	1VXD	2FC1	2CMM			Sc=6.19534, min distance = 2.249485
NOSO_BACSU	F1	11970222		CCPR_YEAST	Fu	444522	HE	3E2O	2FC1	1BJ9	0.81		Sc=6.33725, min distance = 2.340465
NOSO_BACSU	F1	123831	N	NOS3_BOVIN	Fu	123895	1h	5NSE	2FBZ	7NSE	0.86		Sc=5.94833, min distance = 2.503805
NOSO_BACSU	F1	123831	N	NOS3_BOVIN	Fu	6322	L-ar	4NSE	2FC1	7NSE	0.89		Sc=5.95797, min distance = 2.631175
NOSO_BACSU	F1	126494	N	NOS1_RAT	Full	123895	1h	1LZX	2FBZ	1K2S			Sc=6.10847, min distance = 2.379825
NOSO_BACSU	F1	126494	N	NOS1_RAT	Full	6322	L-ar	1OM4	2FC1	1K2S	0.76		Sc=6.09775, min distance = 2.309185
NOSO_BACSU	F1	1433	Toc1	NOS1_RAT	Full	123895	1h	1LZX	2FBZ	1QWC			Sc=5.6038, min distance = 2.1328215
NOSO_BACSU	F1	1433	Toc1	NOS1_RAT	Full	6322	L-ar	1OM4	2FC1	1QWC			Sc=5.61779, min distance = 2.194395
NOSO_BACSU	F1	16058622		NOS1_RAT	Full	123895	1h	1LZX	2FBZ	2HX4			Sc=5.86209, min distance = 2.085645
NOSO_BACSU	F1	16058622		NOS1_RAT	Full	444207	He	1ZVL	1M7V	2HX4			Sc=5.86764, min distance = 2.421425
NOSO_BACSU	F1	16058622		NOS1_RAT	Full	444522	HE	1VAG	2FC1	2HX4			Sc=5.89091, min distance = 2.244665
NOSO_BACSU	F1	1649	3-br	NOS3_BOVIN	Fu	6322	L-ar	4NSE	2FC1	1D0C			Sc=5.78318, min distance = 0.664555
NOSO_BACSU	F1	292661	2	PTR1_LEIMA	Fu	445040	6-1E92		2FC1	1W0C			Sc=5.81508, min distance = 2.482365
NOSO_BACSU	F1	3311	S-Et	NOS1_RAT	Full	6322	L-ar	1OM4	2FC1	1K2U			Sc=5.691, min distance = 2.19647175
NOSO_BACSU	F1	4369001	C	HBA_HUMAN	Ful	444522	HE	2DN1	2FC1	4HHB	0.81		Sc=6.54958, min distance = 2.274335
NOSO_BACSU	F1	439202	L	NOS3_BOVIN	Fu	123895	1h	5NSE	2FBZ	6NSE	0.75		Sc=5.73294, min distance = 2.493075
NOSO_BACSU	F1	439202	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	2FC1	6NSE			Sc=5.74647, min distance = 2.570655
NOSO_BACSU	F1	440005	L	NOS1_RAT	Full	123895	1h	1LZX	2FBZ	1K2R	0.85		Sc=5.98332, min distance = 2.169405
NOSO_BACSU	F1	440005	L	NOS1_RAT	Full	6322	L-ar	1OM4	2FC1	1K2R	0.84		Sc=5.98332, min distance = 2.142165
NOSO_BACSU	F1	440005	L	NOS3_BOVIN	Fu	123895	1h	5NSE	2FBZ	1ED5	0.85		Sc=5.97448, min distance = 2.117855
NOSO_BACSU	F1	440005	L	NOS3_BOVIN	Fu	6322	L-ar	4NSE	2FC1	1ED5	0.84		Sc=5.99049, min distance = 1.899295
NOSO_BACSU	F1	444965	2	ARGI1_RAT	Ful	123895	1h	1HQF	2FBZ	1D3V			Sc=5.62651, min distance = 2.068615
NOSO_BACSU	F1	446122	S2	ARGI1_RAT	Ful	6322	L-ar	1T5G	2FC1	3E9B			Sc=5.61707, min distance = 1.369465
NOSO_BACSU	F1	447180	Tc	NOS1_RAT	Full	123895	1h	1LZX	2FBZ	1MMV	0.81		Sc=6.09153, min distance = 2.314915
NOSO_BACSU	F1	447180	Tc	NOS1_RAT	Full	6322	L-ar	1OM4	2FC1	1MMV	0.83		Sc=6.09153, min distance = 2.167575

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NOSO_BACSU	F1	447181	VI	NOS1_RAT	Full-	123895	1h	1LZX	2FBZ	1MMW	0.76	Sc=6.01933, min distance = 2.407912
NOSO_BACSU	F1	447181	VI	NOS1_RAT	Full-	6322	L-ar	1OM4	2FC1	1MMW	0.78	Sc=6.01933, min distance = 2.426218
NOSO_BACSU	F1	449021	CI	NOS1_RAT	Full-	444124	HE	1ZVI	2AN0	1VAG		Sc=6.12724, min distance = 2.167989
NOSO_BACSU	F1	449021	CI	NOS1_RAT	Full-	444207	He	1ZVL	1M7V	1VAG		Sc=6.16464, min distance = 2.257186
NOSO_BACSU	F1	656912	N	NOS3_BOVIN	Fu.	444522	HE	2HX2	2FC1	1ZZS		Sc=6.2802, min distance = 2.4713419
NOSO_BACSU	F1	657085	DE	ARGI1_RAT	Ful.	123895	1h	1HQF	2FBZ	1T4P		Sc=5.64273, min distance = 2.081432
NOSO_BACSU	F1	657087	CI	ARGI1_RAT	Ful.	123895	1h	1HQF	2FBZ	1T4T	0.8	Sc=5.65131, min distance = 2.419050
NOSO_BACSU	F1	9085	homc	NOS3_BOVIN	Fu.	123895	1h	5NSE	2FBZ	1DM7	0.87	Sc=5.89494, min distance = 2.360622
NOSO_BACSU	F1	9085	homc	NOS3_BOVIN	Fu.	6322	L-ar	4NSE	2FC1	1DM7	0.9	Sc=5.90537, min distance = 2.343042
NOSO_BACSU	F1	9547942	C	NOS3_BOVIN	Fu.	123895	1h	5NSE	2FBZ	2G60	0.81	Sc=5.84595, min distance = 2.317739
NOSO_BACSU	F1	9547942	C	NOS3_BOVIN	Fu.	6322	L-ar	4NSE	2FC1	2G60	0.84	Sc=5.86046, min distance = 2.154232
NOSO_STAAU	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1MJT	1TWN		Sc=6.58375, min distance = 2.184232
NOSO_STAAU	F1	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1MJT	1TWR		Sc=6.58277, min distance = 2.412892
NOSO_STAAU	F1	11957385		MYG_PHYCA	Ful.	444124	HE	1U7R	1MJT	2CMM		Sc=6.17186, min distance = 2.595150
NOSO_STAAU	F1	449021	CI	NOS1_RAT	Full-	444124	HE	1ZVI	1MJT	1VAG		Sc=6.12855, min distance = 2.651982
NP2_RHOPR	Fu.	11957371		HMOX1_HUMAN	F1	444124	HE	1OZW	1EUO	1TWR		Sc=6.48028, min distance = 1.590852
NP2_RHOPR	Fu.	5354052	p	MIF_HUMAN	Ful.	311	citri	1GD0	2AL0	2O0Z		Sc=5.62687, min distance = 2.041139
NP2_RHOPR	Fu.	8778	Laur	CTXA3_NAJAT	F1	311	citri	1XT3	2AL0	1H0J		Sc=5.6106, min distance = 0.5907097
NP4_RHOPR	Fu.	3713	Indo	TRPA_THET2	Fu.	311	citri	1UJP	1ERX	1WXJ		Sc=6.05533, min distance = 2.465529
NPD2_ARCFU	F1	2968	deca	ACES_MOUSE	Fu.	8200	TETR	2H9Y	1S7G	1MAA		Sc=5.90747, min distance = 2.065912
NPD2_ARCFU	F1	439353	be	O96048_LUMTE	1	8172	Trig	2DRY	1YC2	2DS0		Sc=5.6304, min distance = 2.2760582
NPD2_ARCFU	F1	9547960	A	NPD_THEMA	Ful.	5893	nadi	2H4H	1S7G	2H59		Sc=5.84646, min distance = 2.316372
NPD2_ARCFU	F1	9548000	G	CD38_HUMAN	Fu.	5893	nadi	2I65	1S7G	2I66		Sc=6.16472, min distance = 1.747870
NQO1_MOUSE	F1	449077	CI	NQO1_HUMAN	Fu.	444188	CI	1D4A	1DXQ	2F10	1	Sc=6.86064, min distance = 1.888379
NQO1_THET8	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	2FUG	1HE5	0.82	Sc=6.28716, min distance = 2.442792
NQO2_HUMAN	F1	449077	CI	NQO1_HUMAN	Fu.	444188	CI	1D4A	1SG0	2F10	49.09	Sc=6.84126, min distance = 2.465059
NQO2_HUMAN	F1	656982	CI	NFNB_ECOLI	Fu.	89105	Tre	1IDT	1XI2	1YKI		Sc=5.96822, min distance = 1.456796
NR1D2_HUMAN	1	11957353		HBA_HORSE	Ful.	444098	HE	2D5X	3CQV	1IWH	0.83	Sc=6.73414, min distance = 2.064017
NR1D2_HUMAN	1	11957360		CY1_BOVIN	Ful.	444098	HE	1L0N	3CQV	1NTM		Sc=6.72306, min distance = 2.128752
NR1D2_HUMAN	1	11957361		CY1_BOVIN	Ful.	444098	HE	1L0N	3CQV	1NTZ	0.8	Sc=6.72705, min distance = 2.231404
NR1D2_HUMAN	1	11957363		HBB_HUMAN	Ful.	444098	HE	1J40	3CQV	1RQA	0.77	Sc=6.77337, min distance = 2.085142
NR1D2_HUMAN	1	11957385		MYG_PHYCA	Ful.	444098	HE	1A6M	3CQV	2CMM		Sc=6.27783, min distance = 2.173012
NR1D2_HUMAN	1	16741061		MYG_PHYCA	Ful.	444098	HE	1A6M	3CQV	1MBC	0.83	Sc=6.73226, min distance = 2.044862
NR1D2_HUMAN	1	16741062		MYG_PHYCA	Ful.	444098	HE	1A6M	3CQV	1MBN	0.84	Sc=6.7754, min distance = 2.1138207
NR1D2_HUMAN	1	4369122	C	GLB1_LUCPE	Fu.	444098	HE	1FLP	3CQV	1B0B	0.96	Sc=6.69537, min distance = 2.210282
NR1I2_HUMAN	1	447911	CI	NR1H2_HUMAN	F1	447912	T2	1UPV	2O9I	1PQ9	31.79	Sc=5.8025, min distance = 2.0593098
NRAM_I18A0	F1	445533	2c	NRAM_I75A5	Fu.	60855	zan	1NNC	3B7E	1F8C	0.94	Sc=5.99845, min distance = 2.592442

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NRAM_I18A0	F1	445535	1f	NRAM_I75A5	Fu	60855	zan	1NNC	3B7E	1F8E	0.92	Sc=5.99961, min distance = 2.653710
NRAM_I18A0	F1	449201	1x	NRAM_I75A5	Fu	60855	zan	1NNC	3B7E	1XOG		Sc=6.25748, min distance = 2.325345
NRAM_I18A0	F1	65309	DAN	Q6WJ03_9PARA	I	60855	zan	1V3E	3B7E	1V3D	0.88	Sc=6.32468, min distance = 2.451751
NRAM_I56A2	F1	15133	m-y	CARP_YEAST	Fu	185698	al	1DPJ	1V0Z	1FQ5		Sc=5.76844, min distance = 1.390409
NRAM_I56A2	F1	154234	Pe	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	1L7F	69.85	Sc=6.43501, min distance = 2.609306
NRAM_I56A2	F1	3364665	F	NRAM_I67A0	Fu	444885	O-	2BAT	1W1X	1IVD	51.54	Sc=6.24064, min distance = 1.349963
NRAM_I56A2	F1	445534	1f	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	1F8D	69.85	Sc=6.3003, min distance = 2.6581354
NRAM_I56A2	F1	445535	1f	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	1F8E	69.85	Sc=5.98357, min distance = 2.595460
NRAM_I56A2	F1	446367	BA	NRAM_I67A0	Fu	444885	O-	2BAT	1W1X	1IVE	51.54	Sc=6.17859, min distance = 1.256109
NRAM_I56A2	F1	449379	2c	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	2QWF	69.85	Sc=6.36685, min distance = 1.716242
NRAM_I56A2	F1	449381	Os	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	2QWH	69.85	Sc=6.21873, min distance = 2.714529
NRAM_I56A2	F1	60855	zar	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	1NNC	69.85	Sc=6.41533, min distance = 2.526428
NRAM_I56A2	F1	65309	DAN	NRAM_I67A0	Fu	444885	O-	2BAT	1W1X	1IVF	51.54	Sc=6.02207, min distance = 2.702331
NRAM_I56A2	F1	65309	DAN	NRAM_I75A5	Fu	444885	O-	1MWE	1W1X	2QWC	69.85	Sc=5.96761, min distance = 2.623183
NRAM_I56A2	F1	9543480	2	SN_MOUSE	Full	444885	O-	1QFO	1W1X	2BVE		Sc=5.70261, min distance = 2.071386
NRAM_I63A3	F1	11963505		NEUR2_HUMAN	F1	154234	Pe	2F10	2HTU	2F11		Sc=6.18679, min distance = 2.498573
NRAM_I63A3	F1	11963505		NEUR2_HUMAN	F1	447208	DA	2F25	2HTR	2F11	0.86	Sc=6.19241, min distance = 2.409053
NRAM_I63A3	F1	11963506		NEUR2_HUMAN	F1	154234	Pe	2F10	2HTU	2F12		Sc=6.21501, min distance = 2.215624
NRAM_I63A3	F1	11963506		NEUR2_HUMAN	F1	447208	DA	2F25	2HTR	2F12	0.88	Sc=6.21501, min distance = 1.792381
NRAM_I63A3	F1	11963507		NEUR2_HUMAN	F1	154234	Pe	2F10	2HTU	2F13		Sc=6.26897, min distance = 2.423645
NRAM_I63A3	F1	11963507		NEUR2_HUMAN	F1	447208	DA	2F25	2HTR	2F13	0.89	Sc=6.27383, min distance = 1.923144
NRAM_I63A3	F1	444885	O-	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	1MWE	43.15	Sc=5.85654, min distance = 2.245201
NRAM_I63A3	F1	445533	2c	NRAM_I75A5	Fu	154234	Pe	1L7F	2HTU	1F8C	43.15	Sc=5.99845, min distance = 2.688296
NRAM_I63A3	F1	445533	2c	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	1F8C	43.15	0.94 Sc=6.3029, min distance = 2.212341
NRAM_I63A3	F1	445534	1f	NRAM_I75A5	Fu	154234	Pe	1L7F	2HTU	1F8D	43.15	Sc=5.99622, min distance = 2.626860
NRAM_I63A3	F1	445534	1f	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	1F8D	43.15	0.86 Sc=6.29597, min distance = 2.252144
NRAM_I63A3	F1	445535	1f	NRAM_I75A5	Fu	154234	Pe	1L7F	2HTU	1F8E	43.15	Sc=5.99732, min distance = 2.643277
NRAM_I63A3	F1	445535	1f	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	1F8E	43.15	0.92 Sc=6.3003, min distance = 2.279144
NRAM_I63A3	F1	449201	1x	NRAM_I75A5	Fu	154234	Pe	1L7F	2HTU	1XOG	43.15	Sc=6.26319, min distance = 2.488394
NRAM_I63A3	F1	449201	1x	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	1XOG	43.15	Sc=6.24086, min distance = 2.240977
NRAM_I63A3	F1	449379	2c	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	2QWF	43.15	0.83 Sc=6.42774, min distance = 2.340801
NRAM_I63A3	F1	449380	2c	NRAM_I75A5	Fu	154234	Pe	1L7F	2HTU	2QWG	43.15	Sc=6.29084, min distance = 2.714406
NRAM_I63A3	F1	449380	2c	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	2QWG	43.15	0.77 Sc=6.2612, min distance = 2.165616
NRAM_I63A3	F1	5288452	C	NEUR2_HUMAN	F1	154234	Pe	2F10	2HTU	2F0Z		Sc=6.4463, min distance = 2.3404448
NRAM_I63A3	F1	65309	DAN	NRAM_I75A5	Fu	154234	Pe	1L7F	2HTU	2QWC	43.15	Sc=5.98108, min distance = 2.710263
NRAM_I63A3	F1	65309	DAN	NRAM_I75A5	Fu	60855	zan	1NNC	2HTQ	2QWC	43.15	0.88 Sc=6.28546, min distance = 2.179837
NRAM_I63A3	F1	65309	DAN	Q6WJ03_9PARA	I	60855	zan	1V3E	2HTQ	1V3D	0.88	Sc=6.30164, min distance = 2.236292

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NRAM_I67A0	F1	16122528	NRAM_I56A2	Fu	444885	O-	1W1X	2BAT	2CML	51.54		Sc=6.46295, min distance = 1.491396
NRAM_I67A0	F1	24139	ace	Q309D1_9AGAR	I	444885	O-	2C25	2BAT	2C4D	0.79	Sc=5.89692, min distance = 2.310926
NRAM_I67A0	F1	60855	zar	NRAM_I75A5	Fu	444885	O-	1MWE	2BAT	1NNC	48.45	Sc=5.99008, min distance = 2.328575
NRAM_I67A0	F1	9543480	2	SN_MOUSE	Fu	444885	O-	1QFO	2BAT	2BVE		Sc=5.65104, min distance = 2.194496
NRAM_I75A5	F1	11963505		NEUR2_HUMAN	F1	154234	Pe	2F10	1L7F	2F11		Sc=6.18017, min distance = 2.480119
NRAM_I75A5	F1	11963506		NEUR2_HUMAN	F1	154234	Pe	2F10	1L7F	2F12		Sc=6.2016, min distance = 2.5080340
NRAM_I75A5	F1	11963507		NEUR2_HUMAN	F1	154234	Pe	2F10	1L7F	2F13		Sc=6.249, min distance = 2.46363187
NRAM_I75A5	F1	16122528		NRAM_I56A2	Fu	444885	O-	1W1X	1MWE	2CML	69.85	Sc=6.48821, min distance = 1.239737
NRAM_I75A5	F1	24139	ace	Q309D1_9AGAR	I	444885	O-	2C25	1MWE	2C4D	0.79	Sc=5.94766, min distance = 2.502250
NRAM_I75A5	F1	3364665	F	NRAM_I67A0	Fu	444885	O-	2BAT	1MWE	1IVD	48.45	Sc=6.11175, min distance = 2.699516
NRAM_I75A5	F1	446367	BA	NRAM_I67A0	Fu	444885	O-	2BAT	1MWE	1IVE	48.45	Sc=5.96531, min distance = 2.908011
NRAM_I75A5	F1	447208	DA	NEUR2_HUMAN	F1	154234	Pe	2F10	1L7F	2F25		Sc=6.30784, min distance = 2.509376
NRAM_I75A5	F1	449401	2,	NANL_MACDE	Fu	65309	DAN	1SLI	2QWC	2SLI		Sc=5.8751, min distance = 2.5953876
NRAM_I75A5	F1	5288452	C	NEUR2_HUMAN	F1	154234	Pe	2F10	1L7F	2F0Z		Sc=6.43097, min distance = 2.536036
NRAM_INBLE	F1	185698	al	PGH1_SHEEP	Fu	444205	CI	1EQG	1B9V	1Q4G		Sc=5.79423, min distance = 1.509905
NRDD_BPT4	Fu	33113	gar	PRIM_BPT7	Fu	64968	dTT	1CR1	1H79	1E0J		Sc=6.31248, min distance = 2.437755
NRDI_BACSU	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	1RLJ	1JRB		Sc=6.22899, min distance = 2.238552
NRDI_BACSU	F1	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1RLJ	5FX2	0.77	Sc=6.22625, min distance = 2.177795
NRDI_BACSU	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	1RLJ	1HE5	0.82	Sc=6.30701, min distance = 2.249556
NRK1_HUMAN	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	2QT0	2OXD		Sc=5.66724, min distance = 2.034164
NRK1_HUMAN	F1	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QSY	1P5E		Sc=5.64083, min distance = 1.433700
NRK1_HUMAN	F1	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	2QT0	1G4A	0.97	Sc=5.94388, min distance = 2.198044
NRK1_HUMAN	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2QSY	1BS1	0.91	Sc=5.93233, min distance = 2.160376
NRK1_HUMAN	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QSY	1GZ8		Sc=6.04851, min distance = 2.198306
NRK1_HUMAN	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2QT0	2ETR		Sc=6.14112, min distance = 2.163983
NRK1_HUMAN	F1	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	2QT0	3D9V		Sc=6.01882, min distance = 2.147682
NRK1_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QSY	1H1R		Sc=6.0669, min distance = 2.7313489
NRK1_HUMAN	F1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QSY	1OGU		Sc=5.64205, min distance = 1.981614
NRK1_HUMAN	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2QT0	1ZOE		Sc=5.75401, min distance = 2.085539
NRK1_HUMAN	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2QSY	1A82	0.99	Sc=5.98651, min distance = 2.119031
NRK1_HUMAN	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	2QT0	3CJ7	0.97	Sc=5.92734, min distance = 2.964047
NRK1_HUMAN	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2QT0	1XQS	0.97	Sc=5.97529, min distance = 1.962521
NRK1_HUMAN	F1	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	2QSY	1ZYU	0.99	Sc=6.02455, min distance = 2.309979
NRK1_HUMAN	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2QSY	1DAG	0.99	Sc=6.01454, min distance = 2.394465
NSF_CRIGR	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1D2N	1G4A	0.97	Sc=6.45414, min distance = 1.504365
NSF_CRIGR	Fu	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	1NSF	1W9I	0.91	Sc=6.47813, min distance = 0
NSF_CRIGR	Fu	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	1NSF	1COW	0.91	Sc=6.52437, min distance = 1.925983

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NSF_CRIGR Fu: 444852 CI	ATPB_BOVIN Fu: 5957 Aden 2V7Q	1NSF	1COW	0.91	Sc=6.53366, min distance = 1.69772
NSF_CRIGR Fu: 447004 CI	MYS2_DICDI Fu: 5957 Aden 1FMW	1NSF	1LVK		Sc=6.56245, min distance = 0
NSF_CRIGR Fu: 6022 Ader	AROK_MYCTU Fu: 5957 Aden 2IYW	1NSF	2IYV	0.99	Sc=6.47469, min distance = 2.23541
NSF_CRIGR Fu: 6022 Ader	Q72H90_THET2 I 5957 Aden 2BEK	1NSF	2BEJ	0.99	Sc=6.4787, min distance = 2.224673
NSF_CRIGR Fu: 6022 Ader	VPS4B_MOUSE Fu: 5957 Aden 2ZAN	1NSF	2ZAO	0.99	Sc=6.47416, min distance = 2.10254
NSF_CRIGR Fu: 6022 Ader	Y059_METJA Fu: 5957 Aden 2J9C	1NSF	2J9D	0.99	Sc=6.47471, min distance = 2.34461
NSF_CRIGR Fu: 6852187 2	O57883_PYRHO I 5957 Aden 2DTO	1NSF	2DTH		Sc=6.20542, min distance = 1.28404
NSF_CRIGR Fu: 91532 AME	AROK_MYCTU Fu: 5957 Aden 2IYW	1NSF	1ZYU	0.99	Sc=6.08494, min distance = 2.33073
NSF_CRIGR Fu: 91532 AME	NIFH1_AZOVI Fu: 5957 Aden 2C8V	1NSF	2AFK	0.99	Sc=6.54868, min distance = 1.77332
NSUN5_HUMAN I 439176 Me	MTR1_RHOSH Fu: 34756 Acy 1NW5	2B9E	1EG2	0.91	Sc=6.28285, min distance = 2.15485
NSUN5_HUMAN I 445971 CI	COMT_RAT Full: 34756 Acy 2CL5	2B9E	1H1D	0.92	Sc=6.55883, min distance = 2.47799
NT5C_HUMAN Fu: 65059 Dec	TYSY_ECOLI Fu: 13712 dec 1BDU	2I7D	1TLC		Sc=6.32041, min distance = 2.30871
NT5M_HUMAN Fu: 445210 9-	KITH_HHV11 Fu: 9700 thyr 1VTK	1Z4L	1E2I		Sc=5.93349, min distance = 2.16687
NT5M_HUMAN Fu: 445211 9-	KITH_HHV11 Fu: 9700 thyr 1VTK	1Z4L	1E2I		Sc=5.93528, min distance = 2.16665
NT5M_HUMAN Fu: 5789 thyr	RMLA1_ECOLI Fu: 9700 thyr 1H5S	1Z4L	1H5R	0.92	Sc=6.10137, min distance = 1.52201
NTPA_METJA Fu: 15993 dAT	PRIM_BPT7 Ful: 33113 gar 1E0J	2MJP	1CR2	0.97	Sc=5.68751, min distance = 2.08204
NTPA_METJA Fu: 446721 CI	ASSY_THET8 Fu: 33113 gar 1KOR	2MJP	1KH2	0.93	Sc=6.35571, min distance = 1.82832
NTPA_METJA Fu: 6083 ader	HSP71_HUMAN Fu: 33113 gar 2E8A	2MJP	1XQS	0.97	Sc=6.26663, min distance = 2.28733
NTPK_ENTHR Fu: 445180 CI	OBP_PIG Full=(8184 Unde1E02	2BL2	1DZJ		Sc=5.71375, min distance = 1.76516
NUD16_XENLA I 444845 1c	RASH_HUMAN Fu: 6830 guan 2CL7	2A8S	1CLU	0.98	Sc=5.61423, min distance = 2.01366
NUD16_XENLA I 445871 CI	RASH_HUMAN Fu: 6830 guan 2CL7	2A8S	1GNP		Sc=5.71209, min distance = 1.09957
NUDD_ECOLI Fu: 447979 5G	KGUA_ECOLI Fu: 8977 1dar 2AN9	1RYA	2ANB		Sc=6.3529, min distance = 2.446566
NUDD_ECOLI Fu: 6804 guar	NDK_PYRHO Ful: 8977 1dar 2DXE	1RYA	2DXF	0.99	Sc=6.35183, min distance = 2.26648
NUDD_ECOLI Fu: 6804 guar	TGM3_HUMAN Fu: 8977 1dar 1VJJ	1RYA	1SGX	0.99	Sc=6.34047, min distance = 2.20950
NUDT5_HUMAN I 10109823	PIM1_HUMAN Fu: 6083 aden 1YXU	2DSD	3CY3		Sc=6.2823, min distance = 2.035637
NUDT5_HUMAN I 9578243 F	PDE4B_HUMAN Fu: 6083 aden 1ROR	2DSD	1XLZ		Sc=5.76574, min distance = 2.35565
O04941_AEGTA 124886 gl	GST26_SCHJA Fu: 97536 Hex 1M9A	1GWC	1DUG	0.9	Sc=6.32965, min distance = 2.22035
O04941_AEGTA 124886 gl	GSTA3_CHICK Fu: 97536 Hex 1VF2	1GWC	1VF1	0.9	Sc=5.88199, min distance = 2.07928
O04941_AEGTA 124886 gl	GSTP1_MOUSE Fu: 97536 Hex 2GLR	1GWC	1GSY	0.9	Sc=5.86895, min distance = 1.99929
O04941_AEGTA 124886 gl	URE2_YEAST Fu: 97536 Hex 1K0A	1GWC	1K0D	0.9	Sc=5.88618, min distance = 1.89375
O04941_AEGTA 444104 II	GST26_SCHJA Fu: 97536 Hex 1M9A	1GWC	1M99	0.84	Sc=6.3486, min distance = 2.178609
O04941_AEGTA 445616 gl	GST26_SCHJA Fu: 97536 Hex 1M9A	1GWC	1GNE	0.9	Sc=5.84409, min distance = 2.28992
O04941_AEGTA 445707 s	GSTA1_HUMAN Fu: 97536 Hex 1K3Y	1GWC	1GUH		Sc=6.1063, min distance = 2.534283
O04941_AEGTA 447108 CI	GST26_SCHJA Fu: 97536 Hex 1M9A	1GWC	1M9B		Sc=6.24358, min distance = 2.28278
O04941_AEGTA 449366 3c	GSTP1_HUMAN Fu: 97536 Hex 1PGT	1GWC	2PGT		Sc=6.66657, min distance = 1.82780
O04941_AEGTA 5326751 1	LGUL_HUMAN Fu: 97536 Hex 1BH5	1GWC	1QIN		Sc=6.15102, min distance = 1.86241
O06934_MYCTU 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1V0J	1E39	0.93	Sc=6.44709, min distance = 2.02249

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O08355_PSEFL	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1LJ8	1DEH	0.79	Sc=6.30211, min distance = 1.863156
O08355_PSEFL	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1LJ8	2FZE		Sc=6.06792, min distance = 2.446579
O08355_PSEFL	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1LJ8	1IHX		Sc=6.27521, min distance = 2.047850
O08375_MORSP	123927	A3	Q9GT92_CRYPV	I	5893	nadi	2FM3	2GSD	2EWD	0.97	Sc=6.78429, min distance = 2.257900
O08375_MORSP	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2GSD	1DEH	0.79	Sc=6.77968, min distance = 2.083407
O08375_MORSP	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	2GSD	2JHF	0.79	Sc=6.77904, min distance = 2.300592
O08375_MORSP	6102709	A	LDH_PLAFD	Fu	5893	nadi	1T2D	2GSD	2A94	0.88	Sc=6.78361, min distance = 2.154522
O22304_VITVI	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2C1X	2BNE	0.99	Sc=6.30728, min distance = 1.840979
O22304_VITVI	8629	UDP-	Q5IFH7_MEDTR	I	6031	Urid	2ACV	2C1X	2ACW	0.89	Sc=6.66053, min distance = 2.074568
O22321_MUSAC	29435	1-I	CDGT_BACSO	Fu	64689	bet	1UKS	2BN0	1I75		Sc=5.82924, min distance = 1.849169
O22321_MUSAC	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2BN0	1UP2		Sc=5.63826, min distance = 2.875664
O22443_SOYBN	11957353		HBB_HORSE	Fu	444124	HE	1Y8I	1FHF	1IWH	0.87	Sc=6.73456, min distance = 1.758860
O22443_SOYBN	11957363		HBA_HUMAN	Fu	444124	HE	1NQP	1FHF	1RQA	0.81	Sc=6.68824, min distance = 1.903040
O22443_SOYBN	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1FHF	1TWN		Sc=6.56176, min distance = 2.028974
O22443_SOYBN	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1FHF	1TWR		Sc=6.49157, min distance = 2.166246
O22443_SOYBN	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1FHF	2CMM		Sc=6.0515, min distance = 2.3817560
O22443_SOYBN	444097	He	HBA_HUMAN	Fu	444124	HE	1NQP	1FHF	1RPS	0.95	Sc=6.73855, min distance = 2.206406
O22443_SOYBN	444207	He	HBA_HORSE	Fu	444124	HE	1Y8I	1FHF	2ZLW	0.99	Sc=6.67457, min distance = 2.158270
O24984_HELPY	13711	dec	DNK_DROME	Fu	65103	dGT	2VP2	2ATZ	2VP5		Sc=6.0246, min distance = 2.3526499
O24984_HELPY	15993	dAT	DPO42_SULSO	Fu	65103	dGT	2JEJ	2ATZ	2AGQ	0.8	Sc=6.00584, min distance = 2.442877
O24984_HELPY	5790	flox	DNK_DROME	Fu	65103	dGT	2VP2	2ATZ	2VP6		Sc=6.06612, min distance = 2.302232
O24984_HELPY	64968	dTT	DPO42_SULSO	Fu	65103	dGT	2JEJ	2ATZ	1S00		Sc=6.40759, min distance = 2.139438
O24984_HELPY	65091	dCT	DPO42_SULSO	Fu	65103	dGT	2JEJ	2ATZ	2ASD		Sc=6.33789, min distance = 2.510680
O24984_HELPY	656930	DI	DPO42_SULSO	Fu	65103	dGT	2JEJ	2ATZ	1S9F		Sc=6.20077, min distance = 2.524857
O25511_HELPY	15942680		6PGD_LACLM	Fu	5886	NADP	2IZ0	2GN8	2IZ1		Sc=6.37943, min distance = 0.563990
O25511_HELPY	440141	9i	DHB1_HUMAN	Fu	5886	NADP	1QYV	2GN8	1QYW		Sc=6.44573, min distance = 2.354969
O25511_HELPY	6030	Urid	GLMU_HAEIN	Fu	6031	Urid	2V0K	2GN8	2V0J	0.99	Sc=6.1836, min distance = 2.4796800
O25511_HELPY	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	2GN8	2PZL	0.99	Sc=6.2465, min distance = 2.0731746
O25511_HELPY	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2GN8	2BNE	0.99	Sc=6.23826, min distance = 2.214829
O25511_HELPY	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	2GN8	2PO2	0.83	Sc=6.30695, min distance = 2.342527
O25511_HELPY	6133	urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2GN8	2BNF	1	Sc=5.91815, min distance = 1.645552
O27819_METTH	445269	CI	KTHY_MYCTU	Fu	164628	de	1GTV	1LVW	1W2H	0.83	Sc=6.29662, min distance = 1.144128
O27819_METTH	5789	thyr	RMLA1_ECOLI	Fu	164628	de	1H5T	1LVW	1H5R	0.9	Sc=6.31693, min distance = 0.727850
O27819_METTH	6031	Urid	SPSA_BACSU	Fu	164628	de	1H7L	1LVW	1QGQ	0.87	Sc=5.82503, min distance = 2.066294
O28163_ARCFU	125409	be	Q09LX0_BACST	I	78165	MES	2EXH	2JHN	2EXJ		Sc=5.78179, min distance = 0.301817
O28442_ARCFU	445040	6-	NOS1_RAT	Full	444243	FA	1TLL	2IML	2G6I		Sc=6.23948, min distance = 1.414686
O28442_ARCFU	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	2IML	1HE5	0.82	Sc=6.21674, min distance = 2.358294

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O28480_ARCFU	439153	D1	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1U1I	1V35	0.79	Sc=6.7787, min distance = 1.862552
O28480_ARCFU	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1U1I	2FZE		Sc=6.64354, min distance = 1.38985
O28480_ARCFU	9547960	F	NPD_THEMA	Ful	5893	nadi	2H4H	1U1I	2H59		Sc=6.64354, min distance = 2.06130
O28480_ARCFU	9547961	3	NPD_THEMA	Ful	5893	nadi	2H4H	1U1I	2H59		Sc=6.70388, min distance = 1.85860
O28603_ARCFU	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	1JNR	2R4E	0.97	Sc=6.45598, min distance = 1.94669
O28603_ARCFU	16750063		CSK2A_MAIZE	Fu	83862	ade	1DS5	2FJB	2OXX		Sc=5.80486, min distance = 1.14729
O28603_ARCFU	24779674		CSK2A_MAIZE	Fu	83862	ade	1DS5	2FJB	2PVH		Sc=6.31751, min distance = 1.45147
O28603_ARCFU	24779675		CSK2A_MAIZE	Fu	83862	ade	1DS5	2FJB	2PVJ		Sc=6.46505, min distance = 1.27848
O28603_ARCFU	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1JNR	3GRT	0.98	Sc=6.44921, min distance = 2.18750
O28603_ARCFU	5326976	1	CSK2A_MAIZE	Fu	83862	ade	1DS5	2FJB	1ZOE		Sc=5.71555, min distance = 1.58734
O28603_ARCFU	5326978	1	CSK2A_MAIZE	Fu	83862	ade	1DS5	2FJB	1ZOH		Sc=5.71327, min distance = 2.29681
O28608_ARCFU	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	1OMO	1T2E	0.77	Sc=6.28324, min distance = 2.61763
O28608_ARCFU	439153	D1	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1OMO	1DEH	0.79	Sc=6.27301, min distance = 2.13702
O28608_ARCFU	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	1OMO	1BDM	0.79	Sc=6.29615, min distance = 2.54232
O29370_ARCFU	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1JAY	2IZ1		Sc=6.19826, min distance = 2.10634
O29536_ARCFU	4369099	C	CBIF_BACME	Fu	439155	Ad	1CBF	2BB3	2CBF		Sc=6.18706, min distance = 2.64445
O29536_ARCFU	4369533	C	SETD8_HUMAN	Fu	439155	Ad	1ZKK	2BB3	2BQZ	0.95	Sc=6.47826, min distance = 1.98194
O29598_ARCFU	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	2OAP	2OXD		Sc=5.68392, min distance = 2.56301
O29598_ARCFU	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	2OAP	1G4A	0.97	Sc=6.39986, min distance = 2.05891
O29598_ARCFU	24779674		CSK2A_MAIZE	Fu	33113	gar	1LP4	2OAP	2PVH		Sc=6.18701, min distance = 2.02015
O29598_ARCFU	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	2OAP	2ESM		Sc=5.90171, min distance = 1.75455
O29598_ARCFU	447052	CI	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OAP	1M2R		Sc=6.27619, min distance = 2.08949
O29598_ARCFU	5326739	i	GSK3B_HUMAN	Fu	33113	gar	1J1B	2OAP	1Q41		Sc=6.16913, min distance = 2.41787
O29598_ARCFU	5326976	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	2OAP	1ZOE		Sc=5.75077, min distance = 2.27711
O29598_ARCFU	6083	ader	ENTP2_RAT	Ful	33113	gar	3CJA	2OAP	3CJ7	0.97	Sc=5.85293, min distance = 2.56130
O29598_ARCFU	6083	ader	HSP71_HUMAN	Fu	33113	gar	2E8A	2OAP	1XQS	0.97	Sc=5.87117, min distance = 2.24392
O29598_ARCFU	6083	ader	Q6L8F0_THETH	1	33113	gar	1V25	2OAP	1V26	0.97	Sc=6.30776, min distance = 2.49588
O29598_ARCFU	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2OAP	1YI4	0.93	Sc=6.15612, min distance = 2.38657
O29598_ARCFU	6338562	C	MYS2_DICDI	Fu	33113	gar	1MMN	2OAP	1D0Y		Sc=6.24287, min distance = 2.28150
O29598_ARCFU	6338566	C	MYS2_DICDI	Fu	33113	gar	1MMN	2OAP	1D1C		Sc=6.24207, min distance = 2.26186
O29598_ARCFU	91532	AMF	KIF1A_MOUSE	Fu	33113	gar	1VFV	2OAP	1I6I	0.99	Sc=6.0424, min distance = 2.190737
O33253_MYCTU	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	1I9G	2JG3		Sc=6.46595, min distance = 2.42833
O33253_MYCTU	4369234	C	COMT_RAT	Full	34756	Acy	2CL5	1I9G	1JR4		Sc=5.89033, min distance = 2.22482
O33253_MYCTU	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1I9G	2IH2	0.93	Sc=6.35058, min distance = 2.50507
O33253_MYCTU	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1I9G	1H1D	0.92	Sc=6.56065, min distance = 2.57110
O33253_MYCTU	5326531	C	CHOMT_MEDSA	Fu	34756	Acy	1FPQ	1I9G	1FP1	0.92	Sc=6.55909, min distance = 2.02246
O33253_MYCTU	5327118	5	Q70GK9_STRCT	1	34756	Acy	1RQP	1I9G	2C2W	0.81	Sc=5.73796, min distance = 1.66740

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O33705_PSEPA	97536 Hex	GSTP1_MOUSE Fu	124886 gl	1GSY	1F2E	2GLR	0.9	Sc=6.55288, min distance = 1.18238
O33838_THEMA	95259 L-x	XYLA_STRRU Fu	79025 alp	1XIF	1GJW	1XIC		Sc=5.6826, min distance = 2.233586
O33839_THEMA	188966 dA	PAPS1_HUMAN Fu	6022 Aden	1X6V	1XJK	2PEZ	0.98	Sc=6.0323, min distance = 1.979612
O33839_THEMA	33113 gar	PRIM_BPT7 Ful	64968 dTT	1CR1	1XJE	1E0J		Sc=5.76812, min distance = 2.00733
O33839_THEMA	444335 GT	PAP2_VACCW Fu	8977 ldar	1JTF	1XJE	1V39	0.99	Sc=6.48507, min distance = 2.21581
O33839_THEMA	444564 AD	BIOD_ECOLI Fu	6022 Aden	1DAD	1XJK	1BS1	0.91	Sc=6.01971, min distance = 1.81410
O33839_THEMA	446696 dc	KCY_ECOLI Ful	6132 Cyti	2CMK	1XJN	1KDT	0.88	Sc=6.06186, min distance = 2.17791
O33839_THEMA	447979 5C	KGUA_ECOLI Fu	8977 ldar	2AN9	1XJE	2ANB		Sc=6.38455, min distance = 2.43367
O33839_THEMA	4565 1h1r	CDK2_HUMAN Fu	6022 Aden	1GY3	1XJK	1H1R		Sc=5.79863, min distance = 2.14219
O33839_THEMA	5327148 C	IPKA_RABIT Fu	6022 Aden	1JBP	1XJK	2ERZ		Sc=6.1096, min distance = 1.972971
O33839_THEMA	6030 Urid	O87988_BORBR l	6031 Urid	2PZM	1XJG	2PZL	0.99	Sc=5.80407, min distance = 2.22533
O33839_THEMA	6030 Urid	PYRH_ECOLI Fu	6031 Urid	2BND	1XJG	2BNE	0.99	Sc=5.80767, min distance = 2.60724
O33839_THEMA	6083 ader	NDK_PYRHO Ful	8977 ldar	2DXE	1XJE	2DXD	0.79	Sc=6.34967, min distance = 1.85832
O33839_THEMA	6083 ader	PSPF_ECOLI Fu	6022 Aden	2C98	1XJK	2VII	0.99	Sc=5.94333, min distance = 2.26669
O33839_THEMA	6083 ader	PURP_METJA Fu	6022 Aden	2R7N	1XJK	2R7M	0.99	Sc=5.86549, min distance = 1.65241
O33839_THEMA	6131 cyti	KCY_DICDI Ful	6031 Urid	4UKD	1XJG	1QF9	0.82	Sc=5.61005, min distance = 2.92893
O33839_THEMA	65091 dCT	DPO42_SULSO Fu	15993 dAT	2AGQ	1XJN	2ASD		Sc=5.67273, min distance = 2.12176
O33839_THEMA	656930 DI	DPO42_SULSO Fu	64968 dTT	1S00	1XJE	1S9F		Sc=6.20348, min distance = 2.30206
O33839_THEMA	6804 guar	EF1A_YEAST Fu	8977 ldar	2B7B	1XJE	1G7C	0.99	Sc=6.38867, min distance = 2.46777
O33839_THEMA	6804 guar	GBP1_HUMAN Fu	8977 ldar	2B92	1XJE	2B8W	0.99	Sc=6.37499, min distance = 2.04169
O33839_THEMA	6804 guar	NDK_PYRHO Ful	6022 Aden	2DYA	1XJK	2DXF	0.8	Sc=5.91324, min distance = 1.47685
O33839_THEMA	6804 guar	NDK_PYRHO Ful	8977 ldar	2DXE	1XJE	2DXF	0.99	Sc=6.37789, min distance = 2.22011
O33839_THEMA	6804 guar	TGM3_HUMAN Fu	8977 ldar	1VJJ	1XJE	1SGX	0.99	Sc=6.37312, min distance = 1.84386
O33839_THEMA	6852187 2	O57883_PYRHO l	6022 Aden	1WNL	1XJK	2DTH	0.89	Sc=6.08666, min distance = 1.21891
O33897_RHOMR	14626249	ACHP_LYMST Fu	23831 HEP	1UX2	1H0B	2ZJU		Sc=6.03171, min distance = 1.01911
O33897_RHOMR	445999 CI	GUN5_BACAG Fu	64689 bet	1W3L	2BWA	1H5V	0.77	Sc=5.65237, min distance = 1.82569
O33897_RHOMR	445999 CI	Q79G13_MYCTU l	64689 bet	1UP0	2BWA	1UOZ	0.77	Sc=5.66645, min distance = 1.65330
O33897_RHOMR	447607 1c	Q79G13_MYCTU l	64689 bet	1UP0	2BWA	1UP2		Sc=5.72381, min distance = 2.09225
O44934_LOLPE	1540 1h1c	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	1H1Q		Sc=6.35496, min distance = 1.86870
O44934_LOLPE	23653515	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	2R3F		Sc=5.9833, min distance = 2.082677
O44934_LOLPE	23653519	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	2R3K		Sc=6.20519, min distance = 2.01762
O44934_LOLPE	23653521	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	2R3M		Sc=6.35424, min distance = 2.02414
O44934_LOLPE	2608 1jsv	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	1JSV		Sc=5.90363, min distance = 2.14113
O44934_LOLPE	445966 O6	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	1H0V		Sc=6.1235, min distance = 2.223105
O44934_LOLPE	447004 CI	MYS2_DICDI Fu	6022 Aden	1VOM	2OY6	1LVK		Sc=6.47838, min distance = 2.07647
O44934_LOLPE	447916 ac	RIO1_ARCFU Fu	6022 Aden	1ZTH	2OY6	1ZTF	0.95	Sc=6.21951, min distance = 2.42162
O44934_LOLPE	447955 1g	CDK2_HUMAN Fu	6022 Aden	1GY3	2OY6	1PXI		Sc=5.68534, min distance = 1.70060

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O44934_LOLPE	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2OY6	1H1R		Sc=6.34032, min distance = 1.900715
O44934_LOLPE	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2OY6	1A82	0.99	Sc=6.50401, min distance = 2.191740
O44934_LOLPE	5957	Ader	HSLU_ECOLI	Fu	6022	Aden	1HQY	2OY6	1DO0	0.99	Sc=6.50958, min distance = 2.325332
O44934_LOLPE	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2OY6	2VII	0.99	Sc=6.3787, min distance = 2.1370395
O44934_LOLPE	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	2OY6	2DTH	0.89	Sc=6.08666, min distance = 1.594485
O44934_LOLPE	6852201	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2OY6	2G9X		Sc=6.25504, min distance = 2.032605
O44934_LOLPE	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2OY6	1QYE	0.89	Sc=6.10955, min distance = 2.222901
O44934_LOLPE	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2OY6	1DAG	0.99	Sc=6.53085, min distance = 2.005901
O49908_TOBAC	501640	N	GLCM_HUMAN	Fu	81462	Bis	2V3F	1RJ4	2V3E		Sc=6.04285, min distance = 1.871108
O50095_PYRHO	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1WWK	1T2E	0.77	Sc=6.02082, min distance = 2.628470
O50095_PYRHO	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	1WWK	1DRV	0.97	Sc=6.74725, min distance = 1.838461
O50095_PYRHO	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1WWK	9LDT	0.77	Sc=6.75075, min distance = 2.517637
O50095_PYRHO	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1WWK	2JHF	0.79	Sc=6.74573, min distance = 2.460309
O50095_PYRHO	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	1WWK	1HL3	0.79	Sc=6.74741, min distance = 2.217711
O50095_PYRHO	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1WWK	2FZE		Sc=6.5804, min distance = 2.9359751
O50095_PYRHO	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1WWK	1IHX		Sc=6.80709, min distance = 1.055985
O50095_PYRHO	6102709	A	LDH_PLAFD	Fu	5893	nadi	1T2D	1WWK	2A94	0.88	Sc=6.436, min distance = 2.80801531
O50604_STAAU	23831	HEE	GSTP1_HUMAN	Fu	78165	MES	2A2R	1PVL	1PGT	0.81	Sc=5.67436, min distance = 1.574292
O51052_BORBU	439427	Ro	CGGR_BACSU	Fu	10267	Har	3BXF	2F48	3BXG	0.87	Sc=5.99708, min distance = 2.008948
O52140_ECOLX	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2OBM	1QYE	0.89	Sc=6.07456, min distance = 2.586131
O52942_PHOLP	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	1PJC	1T2E	0.77	Sc=6.02738, min distance = 2.347638
O52942_PHOLP	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1PJC	9LDT	0.77	Sc=6.30964, min distance = 2.307789
O52942_PHOLP	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	1PJC	1DEH	0.79	Sc=6.75794, min distance = 2.361614
O52942_PHOLP	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1PJC	2JHF	0.79	Sc=6.75312, min distance = 2.565671
O52942_PHOLP	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	1PJC	1HL3	0.79	Sc=6.75332, min distance = 2.231392
O52942_PHOLP	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	1PJC	1BDM	0.79	Sc=6.03188, min distance = 2.116061
O52942_PHOLP	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1PJC	2FZE		Sc=5.8744, min distance = 2.5275964
O52942_PHOLP	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	1PJC	1GZ4		Sc=6.05135, min distance = 1.564771
O53355_MYCTU	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1XDI	1E39	0.93	Sc=6.87078, min distance = 2.070886
O53355_MYCTU	23631921		LSD1_HUMAN	Fu	444188	CI	2DW4	1XDI	2Z3Y	0.91	Sc=6.49732, min distance = 2.186372
O53355_MYCTU	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1XDI	1QJD	0.98	Sc=6.87405, min distance = 2.305604
O53355_MYCTU	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1XDI	1GXF	0.98	Sc=6.87274, min distance = 2.376341
O53355_MYCTU	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1XDI	1Y0P	0.97	Sc=6.87222, min distance = 2.151271
O53355_MYCTU	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1XDI	3GRT	0.98	Sc=6.87246, min distance = 2.571624
O53512_MYCTU	444348	PE	KDSA_AQUAE	Fu	1005	phos	2NWR	2B7O	2NXG		Sc=5.6094, min distance = 2.4846281
O53512_MYCTU	446060	2-	ENO1_YEAST	Fu	1005	phos	1ONE	2B7O	2AL1		Sc=5.63198, min distance = 1.573767
O57693_THETE	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	1UXU	3C4E		Sc=5.97999, min distance = 2.113351

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057693_THETE	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1UXN	1QYW		Sc=5.91475, min distance = 2.393885
057758_PYRHO	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1VCI	2UVY		Sc=5.72821, min distance = 2.427601
057883_PYRHO	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1WNL	1W9I	0.91	Sc=6.04258, min distance = 2.022041
057883_PYRHO	446903	NO	AVID_CHICK	Fu	171548	bi	2JGS	2DTO	1LDO	0.99	Sc=6.17576, min distance = 2.106734
057883_PYRHO	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1WNL	2VII	0.99	Sc=5.80442, min distance = 2.012496
057965_PYRHO	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	1VE3	1EG2	0.91	Sc=6.29644, min distance = 2.124902
057965_PYRHO	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1VE3	1H1D	0.92	Sc=6.56394, min distance = 1.930472
057965_PYRHO	5327118	5	Q70GK9_STRCT	I	34756	Acy	1RQP	1VE3	2C2W	0.81	Sc=5.69793, min distance = 2.179442
058346_PYRHO	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1ION	1BS1	0.91	Sc=6.02012, min distance = 2.401122
058346_PYRHO	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ION	1CKP		Sc=5.6204, min distance = 2.0510641
058346_PYRHO	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ION	1GZ8		Sc=6.15372, min distance = 2.815330
058346_PYRHO	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ION	1H0V		Sc=6.25481, min distance = 2.267147
058346_PYRHO	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ION	1H1R		Sc=6.08092, min distance = 1.826367
058346_PYRHO	5957	Ader	Q72H90_THET2	I	6022	Aden	2BEJ	1ION	2BEK	0.99	Sc=6.05572, min distance = 2.331906
058346_PYRHO	6031	Urid	DCK_HUMAN	Ful	6022	Aden	1P5Z	1ION	2ZIA		Sc=5.90393, min distance = 2.343061
058346_PYRHO	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	1ION	1ZYU	0.99	Sc=6.07269, min distance = 2.051001
058346_PYRHO	91532	AME	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1ION	2AFK	0.99	Sc=6.09145, min distance = 2.495754
058368_PYRHO	292661	2,	PTR1_LEIMA	Fu	445040	6-1E92		2DTT	1W0C		Sc=5.90438, min distance = 1.033987
058403_PYRHO	1005	phos	F16PA_ECOLI	Fu	311	citri	20WZ	2DX7	2OX3		Sc=5.68502, min distance = 2.295850
058403_PYRHO	439276	3-	GGGPS_ARCFU	Fu	311	citri	2F6U	2DX7	2F6X		Sc=5.70848, min distance = 2.291321
058403_PYRHO	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	2DX7	1YBA	0.76	Sc=5.89375, min distance = 1.446732
059000_PYRHO	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1WZN	1Z3C	0.91	Sc=6.58585, min distance = 2.495665
059000_PYRHO	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1WZN	1JQE	0.95	Sc=6.53687, min distance = 2.720936
059000_PYRHO	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1WZN	1JG2	0.84	Sc=6.30701, min distance = 2.615035
059000_PYRHO	65482	sir	ERM_BACSU	Ful	439155	Ad	1QAN	1WZN	1QAQ	0.88	Sc=6.57421, min distance = 2.349201
059000_PYRHO	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	1WZN	2HV9	0.88	Sc=6.11651, min distance = 2.430761
059029_PYRHO	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	2DVM	1T2E	0.77	Sc=6.72786, min distance = 2.417641
059029_PYRHO	125409	be	Q09LX0_BACST	I	78165	MES	2EXH	2DVM	2EXJ		Sc=5.80469, min distance = 1.250521
059029_PYRHO	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2DVM	1DEH	0.79	Sc=6.73124, min distance = 2.398666
059029_PYRHO	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	2DVM	1BDM	0.79	Sc=6.30257, min distance = 2.414130
059029_PYRHO	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2DVM	2FZE		Sc=6.58252, min distance = 2.513972
059029_PYRHO	446006	CI	MDH_THETH	Ful	5893	nadi	1BMD	2DVM	2CVQ		Sc=6.11971, min distance = 2.457586
059029_PYRHO	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	2DVM	1IHX		Sc=6.80543, min distance = 0.640071
059029_PYRHO	5957	Ader	KTRA_BACSU	Fu	5893	nadi	1LSU	2DVM	2HMW		Sc=5.9796, min distance = 2.1316981
059029_PYRHO	9547960	A	NPD_THEMEA	Ful	5893	nadi	2H4H	2DVM	2H59		Sc=6.54052, min distance = 2.299081
059416_PYRHO	11349402		PNMT_HUMAN	Fu	34756	Acy	2G72	2YZQ	2G71		Sc=5.72134, min distance = 1.913311
059416_PYRHO	5326531	C	CHOMT_MEDSA	Fu	34756	Acy	1FPQ	2YZQ	1FP1	0.92	Sc=5.9757, min distance = 2.0593790

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O59416_PYRHO	6852187 2	MOAA_STAA8 Fu	34756	Acy	2FB2	2YZQ	2FB3	0.84	Sc=6.13456, min distance = 2.37840
O59580_PYRHO	6083 ader	PYGM_RABIT Fu	8582	Inos	2QN7	2DVN	8GPB	0.79	Sc=5.96878, min distance = 1.77326
O59611_PYRHO	188380 Ad	MCES_ENCCU Fu	439155	Ad	1RI1	1WY7	1Z3C	0.91	Sc=6.57541, min distance = 2.34224
O59611_PYRHO	60961 ade	PIMT_PYRFU Fu	439155	Ad	1JG1	1WY7	1JG2	0.84	Sc=6.25289, min distance = 2.75964
O59611_PYRHO	65482 sir	MCES_ENCCU Fu	439155	Ad	1RI1	1WY7	2HV9	0.88	Sc=6.56445, min distance = 2.05906
O60990_PLAMA	10713671	POL_HV1A2 Ful	446837	1k	1KZK	2ANL	3BXS		Sc=6.35966, min distance = 2.09379
O60990_PLAMA	24883483	POL_HV1BR Ful	446837	1k	1MSM	2ANL	3BGC		Sc=6.3787, min distance = 2.09631
O60990_PLAMA	444480 1k	POL_HV1A2 Ful	446837	1k	1KZK	2ANL	1B6L		Sc=6.6454, min distance = 2.12631
O60990_PLAMA	466960 1z	POL_HV1A2 Ful	446837	1k	1KZK	2ANL	1Z1H		Sc=6.42178, min distance = 1.97875
O60990_PLAMA	64143 nel	POL_HV1BR Ful	446837	1k	1MSM	2ANL	2PYN	0.88	Sc=6.5878, min distance = 1.56032
O61233_LUMTE	11957355	CYB_BOVIN Ful	444522	HE	1BGY	1X9F	1L0L	0.81	Sc=6.66429, min distance = 2.33774
O61233_LUMTE	11957360	CYB_BOVIN Ful	444522	HE	1BGY	1X9F	1NTM	0.78	Sc=6.66332, min distance = 1.83998
O61233_LUMTE	11957361	CYB_BOVIN Ful	444522	HE	1BGY	1X9F	1NTZ	0.84	Sc=6.67552, min distance = 2.09502
O61233_LUMTE	11957363	HBA_HUMAN Ful	444522	HE	2DN1	1X9F	1RQA	0.81	Sc=6.67401, min distance = 2.03622
O61233_LUMTE	11957363	HBB_HUMAN Ful	444522	HE	2DN1	1X9F	1RQA	0.81	Sc=6.67705, min distance = 2.20577
O61233_LUMTE	11970219	CCPR_YEAST Fu	444522	HE	3E2O	1X9F	1BEM	0.87	Sc=6.65779, min distance = 2.33816
O61233_LUMTE	11970221	CCPR_YEAST Fu	444522	HE	3E2O	1X9F	1BES	0.87	Sc=6.65561, min distance = 2.42292
O61233_LUMTE	11970242	CCPR_YEAST Fu	444522	HE	3E2O	1X9F	1CPE	0.87	Sc=6.65939, min distance = 2.29627
O61233_LUMTE	126994 CI	CCPR_YEAST Fu	444522	HE	3E2O	1X9F	1Z53	0.81	Sc=6.65233, min distance = 2.42571
O61233_LUMTE	16741183	MYG_PHYCA Ful	444522	HE	1VXD	1X9F	2EKT	0.93	Sc=6.51806, min distance = 2.05254
O61233_LUMTE	444097 He	MYG_PHYCA Ful	444522	HE	1VXD	1X9F	2EVK	0.96	Sc=6.69447, min distance = 1.89497
O61233_LUMTE	447168 ZE	CCPR_YEAST Fu	444522	HE	3E2O	1X9F	1ML2	0.86	Sc=6.70783, min distance = 2.39972
O67135_AQUAE	3428304 E	HDAH_ALCSD Fu	5311	Vori	1ZZ1	1C3S	1ZZ3		Sc=5.87415, min distance = 1.02885
O67135_AQUAE	449096 1w	HDAC8_HUMAN Fu	5311	Vori	1T69	1C3S	1W22	35.53	Sc=6.29686, min distance = 2.01202
O67135_AQUAE	92249 Cou	HDAC8_HUMAN Fu	444732	tr	1T64	1C3R	2V5W	35.53	Sc=5.83052, min distance = 1.20041
O67198_AQUAE	11373270	HSP82_YEAST Fu	6022	Aden	1AMW	1NY5	2FXS		Sc=6.47829, min distance = 0.86257
O67198_AQUAE	444564 AD	BIOD_ECOLI Fu	6022	Aden	1DAD	1NY5	1BS1	0.91	Sc=5.99064, min distance = 2.68545
O67198_AQUAE	445940 O6	CDK2_HUMAN Fu	6022	Aden	1GY3	1NY5	1GZ8		Sc=6.19765, min distance = 1.87520
O67198_AQUAE	445966 O6	CDK2_HUMAN Fu	6022	Aden	1GY3	1NY5	1H0V		Sc=6.23274, min distance = 2.17496
O67198_AQUAE	447004 CI	MYS2_DICDI Fu	6022	Aden	1VOM	1NY5	1LVK		Sc=6.49162, min distance = 2.31903
O67198_AQUAE	447955 1g	CDK2_HUMAN Fu	6022	Aden	1GY3	1NY5	1PXI		Sc=5.6138, min distance = 2.05250
O67198_AQUAE	4564 1e1v	CDK2_HUMAN Fu	6022	Aden	1GY3	1NY5	1E1V		Sc=6.10404, min distance = 2.44582
O67198_AQUAE	4565 1h1r	CDK2_HUMAN Fu	6022	Aden	1GY3	1NY5	1H1R		Sc=6.40317, min distance = 1.41668
O67198_AQUAE	5957 Ader	BIOD_ECOLI Fu	6022	Aden	1DAD	1NY5	1A82	0.99	Sc=6.04338, min distance = 2.38469
O67198_AQUAE	5957 Ader	DDL_THET8 Ful	6022	Aden	2ZDH	1NY5	2ZDQ	0.99	Sc=6.0342, min distance = 1.67953
O67198_AQUAE	6083 ader	HSP71_HUMAN Fu	6022	Aden	1S3X	1NY5	1XQS	0.99	Sc=6.30021, min distance = 1.89460
O67198_AQUAE	6083 ader	PSPF_ECOLI Fu	6022	Aden	2C98	1NY5	2VII	0.99	Sc=5.91291, min distance = 2.38091

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O67198_AQUAE	6338564	D	MYS2_DICDI	Fu	6022	Aden	1VOM	1NY5	1D1A		Sc=5.88191, min distance = 2.106462
O67198_AQUAE	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NY5	1DAG	0.99	Sc=6.05953, min distance = 2.612195
O67636_AQUAE	11987895		CD38_HUMAN	Fu	5893	nadi	2I65	2G5C	2O3T		Sc=6.14154, min distance = 2.030344
O67636_AQUAE	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	2G5C	1I3K	0.79	Sc=6.3235, min distance = 2.3307271
O67636_AQUAE	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2G5C	1UDB	0.79	Sc=6.31684, min distance = 2.267231
O67636_AQUAE	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	2G5C	2BJA		Sc=6.28284, min distance = 2.383978
O67636_AQUAE	9547960	A	NPD_THEMA	Fu	5893	nadi	2H4H	2G5C	2H59		Sc=6.14403, min distance = 2.036429
O68195_KLEOX	440317	AT	FTSK_PSEAE	Fu	6022	Aden	2IUU	2D00	2IUT	0.99	Sc=6.46623, min distance = 2.104875
O68195_KLEOX	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2D00	1BS1	0.91	Sc=6.43242, min distance = 2.071895
O68195_KLEOX	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	2D00	1HIY	0.97	Sc=6.45302, min distance = 2.039771
O68195_KLEOX	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D00	1PXI		Sc=5.74284, min distance = 2.155808
O68195_KLEOX	5957	Ader	ACT1_DROME	Fu	6022	Aden	2HF3	2D00	2HF4	0.99	Sc=6.0358, min distance = 2.1448342
O68195_KLEOX	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	2D00	1TYQ	0.99	Sc=6.03682, min distance = 2.528879
O68195_KLEOX	5957	Ader	HSP7F_YEAST	Fu	6022	Aden	3C7N	2D00	3D2F	0.99	Sc=6.48384, min distance = 2.038310
O68195_KLEOX	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2D00	1W7A	0.99	Sc=6.49236, min distance = 1.634539
O68195_KLEOX	5957	Ader	PPCK_ECOLI	Fu	6022	Aden	1K3C	2D00	2OLR	0.99	Sc=6.03402, min distance = 2.249198
O68195_KLEOX	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	2D00	2ZIA		Sc=6.34612, min distance = 2.059918
O68195_KLEOX	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2D00	2VII	0.99	Sc=6.38203, min distance = 2.028721
O68195_KLEOX	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	2D00	2DTH	0.89	Sc=6.14196, min distance = 1.881957
O68195_KLEOX	91532	AMF	NIFH1_AZOVI	Fu	6022	Aden	1FP6	2D00	2AFK	0.99	Sc=6.08755, min distance = 2.110951
O69002_PSEAE	446603	CI	HBB_HUMAN	Fu	444124	HE	1NQP	1SK7	1K0Y		Sc=6.31928, min distance = 2.039325
O69755_PSEAE	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	1T9M	1HE5	0.82	Sc=6.10886, min distance = 2.434006
O69755_PSEAE	5326566	1	Q9WZ11_THEMA	1	444243	FA	1T6Y	1T9M	1S4M	0.82	Sc=6.18017, min distance = 1.904132
O70018_SHIDY	11957353		HBA_HORSE	Fu	444098	HE	2D5X	2R7A	1IWH	0.83	Sc=6.71216, min distance = 2.212306
O70018_SHIDY	11957363		HBB_HUMAN	Fu	444098	HE	1J40	2R7A	1RQA	0.77	Sc=6.74338, min distance = 2.024827
O70018_SHIDY	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2R7A	2CMM		Sc=6.23243, min distance = 2.226182
O70018_SHIDY	16741062		MYG_PHYCA	Fu	444098	HE	1A6M	2R7A	1MBN	0.84	Sc=6.70516, min distance = 2.547301
O70018_SHIDY	24883662		MYG_HORSE	Fu	444098	HE	2FRF	2R7A	1YMC	0.82	Sc=6.43533, min distance = 2.175712
O76290_TRYBB	16129590		Y5224_ARATH	Fu	5886	NADP	1XQ6	2C7V	2Q4B	0.99	Sc=6.78164, min distance = 1.911746
O76290_TRYBB	440141	9i	DHB1_HUMAN	Fu	5886	NADP	1QYV	2C7V	1QYW		Sc=6.39694, min distance = 2.537661
O76290_TRYBB	440141	9i	G6PD_LEUME	Fu	5886	NADP	1H9A	2C7V	1E7Y		Sc=5.9567, min distance = 2.3875975
O76290_TRYBB	445175	DZ	DYR_HUMAN	Fu	126941	me	1U72	2C7V	2DHF	0.85	Sc=5.60541, min distance = 2.316744
O76290_TRYBB	449049	TA	DYR_PNECA	Fu	126941	me	3CD2	2C7V	1VJ3		Sc=6.08253, min distance = 2.454518
O76290_TRYBB	490573	Di	DYR_PNECA	Fu	126941	me	3CD2	2C7V	2FZH		Sc=6.33998, min distance = 1.857571
O76745_CIMLE	11957385		MYG_PHYCA	Fu	444097	He	2EVK	1YJH	2CMM		Sc=6.28707, min distance = 2.336395
O76745_CIMLE	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2IMQ	2CMM		Sc=6.31993, min distance = 2.353964
O76745_CIMLE	11970222		CCPR_YEAST	Fu	444098	HE	2EUT	2IMQ	1BJ9	0.77	Sc=6.07162, min distance = 2.208492

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O76745_CIMLE	444522	HE	HBA_HUMAN	Fu	444097	He	1RPS	1YJH	2DN1	0.96	Sc=6.78637, min distance = 2.33894
O76745_CIMLE	446406	C2	MYG_PHYCA	Fu	444098	HE	1A6M	2IMQ	1J3F		Sc=6.39916, min distance = 2.28480
O76977_STRPU	24316	cyc	CNGK1_RHILO	Fu	6076	Cycl	1VP6	2PTM	3CL1	0.81	Sc=6.3485, min distance = 2.216933
O76977_STRPU	24316	cyc	HCN2_MOUSE	Fu	6076	Cycl	3BPZ	2PTM	1Q3E	0.81	Sc=6.34279, min distance = 2.24658
O76977_STRPU	24316	cyc	KAP0_BOVIN	Fu	6076	Cycl	1RGS	2PTM	1RL3	0.81	Sc=6.37796, min distance = 2.15504
O76977_STRPU	656966	1y	PDE4D_HUMAN	Fu	6076	Cycl	2PW3	2PTM	1Y2E		Sc=6.08984, min distance = 2.38344
O76977_STRPU	6858240	C	KAP0_BOVIN	Fu	6076	Cycl	1RGS	2PTM	1NE6	0.98	Sc=6.22215, min distance = 2.02101
O85726_STRCL	11349402		PNMT_HUMAN	Fu	439155	Ad	2G8N	2BR5	2G71		Sc=5.63121, min distance = 2.31925
O85726_STRCL	11485425		PNMT_HUMAN	Fu	439155	Ad	2G8N	2BR5	2G72		Sc=5.61689, min distance = 2.38314
O85726_STRCL	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2BR5	1Z3C	0.91	Sc=6.54451, min distance = 1.94811
O85726_STRCL	4369234	C	COMT_RAT	Full	34756	Acy	2CL5	2BR4	1JR4		Sc=6.20835, min distance = 2.06679
O85726_STRCL	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2BR4	1EG2	0.91	Sc=6.29861, min distance = 2.47910
O85726_STRCL	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2BR4	1H1D	0.92	Sc=6.54875, min distance = 2.47238
O85726_STRCL	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2BR5	1JQE	0.95	Sc=6.51919, min distance = 2.28157
O85726_STRCL	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2BR5	1JG2	0.84	Sc=6.27072, min distance = 2.84076
O85726_STRCL	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	2BR5	1QAQ	0.88	Sc=6.5636, min distance = 2.156407
O85726_STRCL	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2BR5	2HV9	0.88	Sc=6.56047, min distance = 2.01777
O85726_STRCL	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	2BR5	1NW6	0.88	Sc=6.50428, min distance = 1.93035
O85726_STRCL	65482	sir	MTTA_THEAQ	Fu	439155	Ad	1AQI	2BR5	1AQJ	0.88	Sc=6.5636, min distance = 0.499223
O85726_STRCL	65482	sir	SETD7_HUMAN	Fu	439155	Ad	2F69	2BR5	3CBP	0.88	Sc=6.55817, min distance = 1.85037
O87605_9ACTO	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2C7X	1TWN		Sc=6.66115, min distance = 1.93691
O87605_9ACTO	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	2C7X	1TWR		Sc=6.68455, min distance = 1.93297
O87605_9ACTO	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	2C7X	2CMM		Sc=6.31222, min distance = 2.44938
O87605_9ACTO	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	2C7X	2CI0	0.95	Sc=6.68245, min distance = 2.38057
O87605_9ACTO	444095	HE	RCEL_RHOVI	Fu	444124	HE	3D38	2C7X	1DXR	0.91	Sc=6.81085, min distance = 2.27624
O87605_9ACTO	444207	HE	CP119_SULTO	Fu	444124	HE	3B4X	2C7X	1UE8	0.99	Sc=6.805, min distance = 2.6729927
O87605_9ACTO	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	2C7X	2HX2	0.99	Sc=6.80259, min distance = 2.23729
O87988_BORBR	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2PZM	1I3K	0.79	Sc=6.78884, min distance = 2.47259
O87988_BORBR	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2PZM	1UDB	0.79	Sc=6.77976, min distance = 2.35150
O87988_BORBR	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	2PZM	1V35	0.79	Sc=6.46465, min distance = 2.08858
O87988_BORBR	448846	CI	HCD2_HUMAN	Fu	5893	nadi	2O23	2PZM	1U7T	0.8	Sc=6.56683, min distance = 2.20434
O93715_SULSO	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2CDC	2IZ1		Sc=6.27051, min distance = 2.10869
O93715_SULSO	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	2CDB	1FQ7		Sc=5.60731, min distance = 2.55850
O93715_SULSO	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2CDC	1QYW		Sc=6.01996, min distance = 2.05129
O93715_SULSO	444809	TH	GUN5_BACAG	Fu	64689	bet	1W3L	2CDB	1H5V	0.78	Sc=5.63307, min distance = 2.04926
O93715_SULSO	444809	TH	Q79G13_MYCTU	1	64689	bet	1UP0	2CDB	1UOZ	0.78	Sc=5.65587, min distance = 2.26607
O93715_SULSO	445238	O1	GUN2_THEFU	Fu	64689	bet	2BOF	2CDB	2BOG	0.94	Sc=5.7139, min distance = 2.129053

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O93715_SULSO	445564	4	GUNG_CLOCE	Fu: 64689	bet	1GA2	2CDB	1KFG	0.88	Sc=5.80033, min distance = 0.434229		
O93715_SULSO	447607	1c	GUN5_BACAG	Fu: 64689	bet	1W3L	2CDB	1OCQ		Sc=5.7024, min distance = 2.0403220		
O93968_CANBO	162636	1f	UROK_HUMAN	Fu: 8200	TETR	2O8U	2J6I	1FV9		Sc=5.61167, min distance = 2.564309		
O96048_LUMTE	441481	ri	TRFL_BOVIN	Fu: 439353	be	2DWJ	2DS0	2PX1	0.93	Sc=5.61175, min distance = 2.287862		
OBP_BOVIN	Fu: 2345	BENZ	OBP_PIG	Full=(	445183	1e1E00	1GT3	1DZM		Sc=5.77778, min distance = 2.227586		
OBP_BOVIN	Fu: 2345	BENZ	OBP_PIG	Full=(	7037	Diph	1DZP	1GT5	1DZM	Sc=5.79918, min distance = 2.671352		
OBP_BOVIN	Fu: 8184	Unde	OBP_PIG	Full=(	7037	Diph	1DZP	1GT5	1E02	Sc=5.61242, min distance = 2.475816		
OBP_PIG	Full:	11885	1-A	OBP_BOVIN	Fu:	445180	CI	1PBO	1DZJ	1GT1	Sc=5.80654, min distance = 2.150762	
OCTC_MOUSE	F:	104904	Me	IGKC_MOUSE	Fu:	23831	HEF	1P7K	1XL7	2AJZ	Sc=5.79564, min distance = 1.511100	
OCTC_MOUSE	F:	3246939	H	CACP_MOUSE	Fu:	10918	Car	1T7Q	1XL8	2H3W	0.8	Sc=6.12348, min distance = 2.591129
OCTC_MOUSE	F:	854023	Ex	Q8WSF8_APLCA	1	23831	HEF	2BR7	1XL7	2BYQ		Sc=5.87331, min distance = 1.619849
ODB2_BOVIN	F:	8582	Inos	RNAS1_BOVIN	F:	128882	1a	1AFK	2II5	1Z6D	0.79	Sc=5.78154, min distance = 1.995892
ODBA_HUMAN	F:	10364977		OXC_OXAFO	Ful:	124687	1r	2C31	2BFF	2JI6		Sc=6.4475, min distance = 2.3078012
ODBA_HUMAN	F:	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	2BFD	2FWN	0.82	Sc=6.38372, min distance = 2.354866
ODBA_HUMAN	F:	444421	CI	MDLC_PSEPU	Fu:	124687	1r	1Q6Z	2BFF	2FWN	0.95	Sc=6.4453, min distance = 2.4915194
ODBA_HUMAN	F:	448671	2-	ILVB_YEAST	Fu:	1132	thia	1N0H	2BFD	1T9B		Sc=5.641, min distance = 3.04363569
ODBA_HUMAN	F:	448721	N3	TKT1_YEAST	Fu:	1132	thia	1TRK	2BFD	1TKA		Sc=6.37953, min distance = 2.108607
ODBA_HUMAN	F:	448722	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	2BFD	1TKB	0.78	Sc=6.37485, min distance = 2.304366
ODBA_HUMAN	F:	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	2BFD	1TKC	0.77	Sc=6.09587, min distance = 2.440072
ODBA_PSEPU	F:	124687	1r	ODP1_ECOLI	Fu:	1132	thia	1L8A	1QS0	1RP7	0.79	Sc=5.95711, min distance = 2.393702
ODBA_PSEPU	F:	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	1QS0	2FWN	0.82	Sc=6.38372, min distance = 2.396032
ODBA_PSEPU	F:	448671	2-	ILVB_YEAST	Fu:	1132	thia	1N0H	1QS0	1T9B		Sc=5.62866, min distance = 3.051796
ODBA_PSEPU	F:	448673	PE	ILVB_YEAST	Fu:	1132	thia	1N0H	1QS0	1T9B		Sc=5.78801, min distance = 2.356969
ODBA_PSEPU	F:	448721	N3	TKT1_YEAST	Fu:	1132	thia	1TRK	1QS0	1TKA		Sc=6.36799, min distance = 2.132697
ODBA_PSEPU	F:	448722	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1QS0	1TKB	0.78	Sc=6.37953, min distance = 2.458506
ODBA_PSEPU	F:	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1QS0	1TKC	0.77	Sc=6.09293, min distance = 2.399409
ODBA_PSEPU	F:	6102647	C	ODBA_HUMAN	Fu:	1132	thia	2BFD	1QS0	1WCI	0.9	Sc=6.06876, min distance = 2.306892
ODBA_PSEPU	F:	6102749	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1QS0	2J9F	0.92	Sc=6.04785, min distance = 2.307744
ODBA_THET8	F:	124687	1r	ODP1_ECOLI	Fu:	1132	thia	1L8A	1UMD	1RP7	0.79	Sc=6.43425, min distance = 2.160539
ODBA_THET8	F:	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	1UMD	2FWN	0.82	Sc=6.39621, min distance = 2.489652
ODBA_THET8	F:	448671	2-	ILVB_YEAST	Fu:	1132	thia	1N0H	1UMD	1T9B		Sc=5.65267, min distance = 2.861406
ODBA_THET8	F:	448673	PE	ILVB_YEAST	Fu:	1132	thia	1N0H	1UMD	1T9B		Sc=5.8115, min distance = 2.2127514
ODBA_THET8	F:	448722	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1UMD	1TKB	0.78	Sc=6.39179, min distance = 2.280512
ODBA_THET8	F:	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1UMD	1TKC	0.77	Sc=6.10652, min distance = 2.163529
ODBA_THET8	F:	6102647	C	ODBA_HUMAN	Fu:	1132	thia	2BFD	1UMD	1WCI	0.9	Sc=6.09543, min distance = 2.417709
ODBA_THET8	F:	6102749	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1UMD	2J9F	0.92	Sc=6.0624, min distance = 2.3602582
ODBA_THET8	F:	6102750	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1UMD	2BEV	0.9	Sc=6.09294, min distance = 2.362992

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ODO1_ECOLI	F1	2519	caff	PYGM_RABIT	Fu:	6083	aden	8GPB	2JGD	1GFZ		Sc=5.87754, min distance = 2.09344
ODO1_ECOLI	F1	5327121	1	PIM1_HUMAN	Fu:	6083	aden	1YXU	2JGD	2C3I		Sc=6.27533, min distance = 1.25163
ODO1_ECOLI	F1	656964	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2JGD	1Y2C		Sc=5.96254, min distance = 2.23820
ODO1_ECOLI	F1	656966	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2JGD	1Y2E		Sc=6.10608, min distance = 2.12217
ODO1_ECOLI	F1	656969	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	2JGD	1Y2J		Sc=6.19464, min distance = 1.98872
ODO1_ECOLI	F1	657135	Op	PIM1_HUMAN	Fu:	6083	aden	1YXU	2JGD	1YXV		Sc=5.7542, min distance = 2.659740
ODO1_ECOLI	F1	6804	guar	Q9SSV1_NICGU	1	6083	aden	1VD1	2JGD	1VCZ	0.8	Sc=5.63529, min distance = 1.96339
ODP1_ECOLI	F1	13294447		DCIP_AZOBR	Fu:	1132	thia	2NXW	1L8A	2Q5Q		Sc=5.85758, min distance = 1.85929
ODP1_ECOLI	F1	4369479	2	POXB_LACPL	Fu:	6518182	C	2EZ9	2QTC	2EZU	0.93	Sc=6.46244, min distance = 2.27212
ODP1_ECOLI	F1	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	1L8A	2FWN	0.82	Sc=6.06055, min distance = 2.61161
ODP1_ECOLI	F1	444421	CI	MDLC_PSEPU	Fu:	124687	1r	1Q6Z	1RP7	2FWN	0.95	Sc=6.38479, min distance = 2.38754
ODP1_ECOLI	F1	448673	PE	ILVB_YEAST	Fu:	1132	thia	1N0H	1L8A	1T9B		Sc=5.79537, min distance = 2.56242
ODP1_ECOLI	F1	448722	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1L8A	1TKB	0.78	Sc=6.03791, min distance = 2.27798
ODP1_ECOLI	F1	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1L8A	1TKC	0.77	Sc=5.98952, min distance = 1.89272
ODP1_ECOLI	F1	6518187	2	POXB_LACPL	Fu:	6518182	C	2EZ9	2QTC	2EZ8	0.91	Sc=6.06954, min distance = 2.24531
ODPA_BACST	F1	445886	CI	TKT1_YEAST	Fu:	1132	thia	1TRK	1W85	1GPU	0.91	Sc=5.75866, min distance = 2.07773
ODPA_BACST	F1	448671	2-	ILVB_YEAST	Fu:	1132	thia	1N0H	1W85	1T9B		Sc=5.67526, min distance = 2.91920
ODPA_BACST	F1	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1W85	1TKC	0.77	Sc=6.11231, min distance = 2.04134
ODPA_BACST	F1	6102749	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1W85	2J9F	0.92	Sc=6.07374, min distance = 2.08373
ODPA_BACST	F1	6102750	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1W85	2BEV	0.9	Sc=6.0993, min distance = 2.110750
ODPA_BACST	F1	6102751	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1W85	2BEW	0.76	Sc=6.14544, min distance = 2.14564
ODPA_BACST	F1	6518187	2	POXB_LACPL	Fu:	1132	thia	2EZ4	1W85	2EZ8	0.87	Sc=5.77695, min distance = 2.09664
ODPA_HUMAN	F1	124687	1r	ODP1_ECOLI	Fu:	1132	thia	1L8A	2OZL	1RP7	0.79	Sc=5.95148, min distance = 2.21139
ODPA_HUMAN	F1	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	2OZL	2FWN	0.82	Sc=6.34029, min distance = 2.60746
ODPA_HUMAN	F1	448671	2-	ILVB_YEAST	Fu:	1132	thia	1N0H	2OZL	1T9B		Sc=5.64395, min distance = 3.03261
ODPA_HUMAN	F1	448673	PE	ILVB_YEAST	Fu:	1132	thia	1N0H	2OZL	1T9B		Sc=5.78502, min distance = 2.37981
ODPA_HUMAN	F1	448721	N3	TKT1_YEAST	Fu:	1132	thia	1TRK	2OZL	1TKA		Sc=6.31728, min distance = 2.47755
ODPA_HUMAN	F1	448722	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	2OZL	1TKB	0.78	Sc=6.36179, min distance = 2.56085
ODPA_HUMAN	F1	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	2OZL	1TKC	0.77	Sc=6.03791, min distance = 2.52205
ODPA_HUMAN	F1	6518187	2	POXB_LACPL	Fu:	1132	thia	2EZ4	2OZL	2EZ8	0.87	Sc=5.7398, min distance = 2.335287
OGA_CLOPE	Fu:	445948	D-	Q9HYN5_PSEAE	1	82313	1rd	1W8H	2J7M	1OXC		Sc=5.69574, min distance = 1.78931
OGA_CLOPE	Fu:	446578	1r	Q9HYN5_PSEAE	1	82313	1rd	1W8H	2J7M	2JDP		Sc=5.68392, min distance = 1.66183
OLED_STRAT	F1	6030	Urid	O87988_BORBR	1	6031	Urid	2PZM	2IYF	2PZL	0.99	Sc=5.8633, min distance = 2.162748
OLED_STRAT	F1	6030	Urid	PYRH_ECOLI	Fu:	6031	Urid	2BND	2IYF	2BNE	0.99	Sc=5.92723, min distance = 2.20115
OLED_STRAT	F1	6132	Cyti	ECX1_PYRAB	Fu:	6031	Urid	2PNZ	2IYF	2PO2	0.83	Sc=6.30554, min distance = 1.98049
OMPF_ECOLI	F1	447559	1c	SQHC_ALIAC	Fu:	5414	Octy	2SQC	2ZFG	1O6Q		Sc=5.79727, min distance = 2.02783
OMPG_ECOLI	F1	11987742		LHA4_RHOAC	Fu:	444279	1s	2FKW	2IYW	1NKZ		Sc=6.32315, min distance = 0.96142

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OMPG_ECOLI	Ft	155448	B-	GLPG_ECOLI	Fu:	444279	1s	2IRV	2IWW	3B44			Sc=6.34766, min distance = 0.578968
OMPG_ECOLI	Ft	448339	ZI	RCEH_RHOSH	Fu:	444279	1s	1RZH	2IWW	1RG5			Sc=5.8749, min distance = 0.8938909
OMPG_ECOLI	Ft	448339	ZI	RCEM_RHOSH	Fu:	444279	1s	1RZH	2IWW	1RG5			Sc=5.86387, min distance = 0.712054
OMPG_ECOLI	Ft	657082	GA	LEG3_HUMAN	Fu:	64689	bet	2NMO	2IWW	1KJR	0.75		Sc=5.71155, min distance = 1.469759
OPR1_ARATH	Ft	16741044		PYRDA_LACLC	Ft	444243	FA	1JUB	1VJI	1JRB			Sc=5.6813, min distance = 2.5547267
OPR1_ARATH	Ft	446995	FM	CYB2_YEAST	Fu:	444243	FA	1KBI	1VJI	1LTD	0.77		Sc=5.86563, min distance = 2.133939
OPR1_ARATH	Ft	448076	CI	CYB2_YEAST	Fu:	444243	FA	1KBI	1VJI	1SZG	0.76		Sc=5.87264, min distance = 1.761400
OPR1_SOLLC	Ft	16741044		PYRDA_LACLC	Ft	444243	FA	1JUB	1ICP	1JRB			Sc=5.87681, min distance = 2.586081
OPR1_SOLLC	Ft	446995	FM	CYB2_YEAST	Fu:	444243	FA	1KBI	1ICP	1LTD	0.77		Sc=6.16518, min distance = 2.224179
OPR1_SOLLC	Ft	448076	CI	CYB2_YEAST	Fu:	444243	FA	1KBI	1ICP	1SZG	0.76		Sc=6.17951, min distance = 1.996837
OPR3_ARATH	Ft	16741044		PYRDA_LACLC	Ft	444243	FA	1JUB	1Q45	1JRB			Sc=5.90516, min distance = 2.481018
OPR3_ARATH	Ft	446995	FM	CYB2_YEAST	Fu:	444243	FA	1KBI	1Q45	1LTD	0.77		Sc=6.19828, min distance = 2.437250
OPR3_ARATH	Ft	448076	CI	CYB2_YEAST	Fu:	444243	FA	1KBI	1Q45	1SZG	0.76		Sc=6.21027, min distance = 1.859189
OPR3_SOLLC	Ft	16741044		PYRDA_LACLC	Ft	444243	FA	1JUB	2HSA	1JRB			Sc=5.88513, min distance = 2.547486
OPR3_SOLLC	Ft	446995	FM	CYB2_YEAST	Fu:	444243	FA	1KBI	2HSA	1LTD	0.77		Sc=6.17843, min distance = 2.563910
OPSD_BOVIN	Ft	79025	alg	BACR2_HALS2	Ft	155448	B-	1VGO	1L9H	2EI4	0.85		Sc=5.89959, min distance = 1.316050
ORN_ECOLI	Fu:	12136	Ber	POL_HV1N5	Fu:	311	citri	2GON	1YTA	9HVP			Sc=5.64876, min distance = 0.378340
ORN_ECOLI	Fu:	445496	TE	A2NHM3_MOUSE	I	311	citri	1ZEA	1YTA	1F3D			Sc=5.90487, min distance = 0.568022
OTSA_ECOLI	Ft	439236	ri	ALGC_PSEAE	Fu:	439284	Rc	1P5G	1GZ5	2H4L	0.87		Sc=5.71244, min distance = 1.962024
OTSA_ECOLI	Ft	440102	2h	ALGC_PSEAE	Fu:	439284	Rc	1P5G	1GZ5	2H5A	0.94		Sc=5.80344, min distance = 2.138997
OTSA_ECOLI	Ft	6030	Urid	GLMU_HAEIN	Fu:	6031	Urid	2V0K	1GZ5	2V0J	0.99		Sc=6.2709, min distance = 1.9040286
OTSA_ECOLI	Ft	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	1GZ5	2PZL	0.99		Sc=6.26061, min distance = 1.997166
OTSA_ECOLI	Ft	6030	Urid	PYRH_ECOLI	Fu:	6031	Urid	2BND	1GZ5	2BNE	0.99		Sc=6.25827, min distance = 2.119610
OTSA_ECOLI	Ft	6132	Cyti	ECX1_PYRAB	Fu:	6031	Urid	2PNZ	1GZ5	2PO2	0.83		Sc=6.32896, min distance = 2.151322
OXC_ECOLI	Fu:	10364977		OXC_OXAFO	Fu:	1132	thia	2JI8	2Q28	2JI6	54.59	0.76	Sc=6.45782, min distance = 2.530299
OXC_ECOLI	Fu:	10364977		OXC_OXAFO	Fu:	6022	Aden	2C31	2Q28	2JI6	54.59		Sc=6.47598, min distance = 2.151390
OXC_ECOLI	Fu:	11966123		OXC_OXAFO	Fu:	6022	Aden	2C31	2Q28	2JI6	54.59	0.81	Sc=6.29912, min distance = 1.917232
OXC_ECOLI	Fu:	13294447		DCIP_AZOBR	Fu:	1132	thia	2NXW	2Q28	2Q5Q	22.39		Sc=6.10608, min distance = 0.352320
OXC_ECOLI	Fu:	3082032	f	OXC_OXAFO	Fu:	6022	Aden	2C31	2Q28	2JI8	54.59	0.82	Sc=6.72992, min distance = 2.429099
OXC_ECOLI	Fu:	36735	Gpp	PARM_ECOLX	Fu:	6022	Aden	1MWM	2Q28	2ZGZ		0.79	Sc=6.53076, min distance = 1.939288
OXC_ECOLI	Fu:	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	2Q28	2FWN	23.16	0.82	Sc=6.42205, min distance = 2.537262
OXC_ECOLI	Fu:	445886	CI	TKT1_YEAST	Fu:	1132	thia	1TRK	2Q28	1GPU		0.91	Sc=6.5414, min distance = 2.1528306
OXC_ECOLI	Fu:	447955	lg	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2Q28	1PXI			Sc=5.8077, min distance = 2.2092408
OXC_ECOLI	Fu:	448671	2-	ILVB_YEAST	Fu:	1132	thia	1NOH	2Q28	1T9B	24.91		Sc=5.81328, min distance = 2.410270
OXC_ECOLI	Fu:	448673	PE	ILVB_YEAST	Fu:	1132	thia	1NOH	2Q28	1T9B	24.91		Sc=5.87464, min distance = 2.515729
OXC_ECOLI	Fu:	448721	N3	TKT1_YEAST	Fu:	1132	thia	1TRK	2Q28	1TKA			Sc=6.43819, min distance = 2.257048
OXC_ECOLI	Fu:	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	2Q28	1TKC		0.77	Sc=6.46944, min distance = 2.200702

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OXC_ECOLI	Fu: 6518182	ODP1_ECOLI	Fu: 1132 thia	1L8A	2Q28	2QTC	0.94	Sc=6.26647, min distance = 1.561140			
OXC_ECOLI	Fu: 8582	Inos	RNAS1_BOVIN	Fu: 128882	1a	1AFK	2Q29	1Z6D	0.79	Sc=6.30377, min distance = 2.315942	
OXC_OXAFO	Fu: 128882	1a	OXC_ECOLI	Fu: 1132 thia	2Q28	2JI8	2Q29	54.59	Sc=6.41627, min distance = 2.376710		
OXC_OXAFO	Fu: 128882	1a	OXC_ECOLI	Fu: 6022	Aden	2Q28	2C31	2Q29	54.59	0.99	Sc=6.02389, min distance = 2.173400
OXC_OXAFO	Fu: 36735	Gpp	PARM_ECOLX	Fu: 6022	Aden	1MWM	2C31	2ZGZ	0.79	Sc=5.80034, min distance = 2.014722	
OXC_OXAFO	Fu: 444421	CI	MDLC_PSEPU	Fu: 1132 thia	1BFD	2JI8	2FWN	23.09	0.82	Sc=6.41733, min distance = 2.346490	
OXC_OXAFO	Fu: 444421	CI	MDLC_PSEPU	Fu: 124687	1r	1Q6Z	2C31	2FWN	23.09	0.95	Sc=6.41226, min distance = 2.442562
OXC_OXAFO	Fu: 444564	AD	BIOD_ECOLI	Fu: 6022	Aden	1DAD	2C31	1BS1	0.91	Sc=6.4803, min distance = 2.213199	
OXC_OXAFO	Fu: 445886	CI	TKT1_YEAST	Fu: 1132 thia	1TRK	2JI8	1GPU	0.91	Sc=6.52861, min distance = 2.125439		
OXC_OXAFO	Fu: 447955	1p	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2C31	1PXI	0.91	Sc=5.79518, min distance = 2.148359	
OXC_OXAFO	Fu: 448671	2-	ILVB_YEAST	Fu: 1132 thia	1NOH	2JI8	1T9B	25.26	Sc=5.80014, min distance = 2.285459		
OXC_OXAFO	Fu: 448673	PE	ILVB_YEAST	Fu: 1132 thia	1NOH	2JI8	1T9B	25.26	Sc=5.86456, min distance = 2.480020		
OXC_OXAFO	Fu: 448721	N3	TKT1_YEAST	Fu: 1132 thia	1TRK	2JI8	1TKA	0.91	Sc=6.43819, min distance = 2.152640		
OXC_OXAFO	Fu: 448723	1t	TKT1_YEAST	Fu: 1132 thia	1TRK	2JI8	1TKC	0.77	Sc=6.46544, min distance = 2.244479		
OXC_OXAFO	Fu: 5957	Ader	BIOD_ECOLI	Fu: 6022	Aden	1DAD	2C31	1A82	0.99	Sc=6.50735, min distance = 2.049909	
OXC_OXAFO	Fu: 6102751	T	ODBA_HUMAN	Fu: 124687	1r	2BFF	2C31	2BEW	0.99	Sc=6.04101, min distance = 2.066989	
OXC_OXAFO	Fu: 8977	1dar	PARM_ECOLX	Fu: 6022	Aden	1MWM	2C31	2ZGY	0.8	Sc=6.4911, min distance = 1.908719	
OXDA_HUMAN	Fu: 16740985	FRDA_SHEFR	Fu: 444188	CI	1M64	3CUK	1E39	0.93	Sc=6.44027, min distance = 1.834620		
OXDA_HUMAN	Fu: 16741253	LSD1_HUMAN	Fu: 444188	CI	2DW4	3CUK	2UXN	0.95	Sc=6.44067, min distance = 2.360360		
OXDA_HUMAN	Fu: 16750117	LSD1_HUMAN	Fu: 444188	CI	2DW4	3CUK	2UXX	0.88	Sc=6.94515, min distance = 2.137020		
OXDA_HUMAN	Fu: 444502	CI	FRDA_SHEFR	Fu: 444188	CI	1M64	3CUK	1QJD	0.98	Sc=6.44098, min distance = 1.952380	
OXDA_HUMAN	Fu: 444502	CI	TYTR_TRYCR	Fu: 444188	CI	1BZL	3CUK	1GXF	0.98	Sc=6.44346, min distance = 2.074500	
OXDA_HUMAN	Fu: 445794	AD	PHHY_PSEFL	Fu: 444188	CI	1PBE	3CUK	2PHH	0.98	Sc=6.65859, min distance = 1.972810	
OXDA_HUMAN	Fu: 6420174	C	O28603_ARCFU	1	444188	CI	1JNR	3CUK	2FJB	0.92	Sc=6.4506, min distance = 2.165661
OXDA_HUMAN	Fu: 6420174	C	O28604_ARCFU	1	444188	CI	1JNR	3CUK	2FJB	0.92	Sc=6.45045, min distance = 1.804020
OXDA_PIG	Fu: 16740985	FRDA_SHEFR	Fu: 444188	CI	1M64	1VE9	1E39	0.93	Sc=6.44542, min distance = 1.597710		
OXDA_PIG	Fu: 444502	CI	GSHR_HUMAN	Fu: 444188	CI	3DK9	1VE9	1BWC	0.98	Sc=6.44346, min distance = 1.829080	
OXDA_PIG	Fu: 445794	AD	PHHY_PSEFL	Fu: 444188	CI	1PBE	1VE9	2PHH	0.98	Sc=6.66231, min distance = 1.946760	
OXDA_PIG	Fu: 446013	1,	O28603_ARCFU	1	444188	CI	1JNR	1VE9	1JNZ	0.94	Sc=6.44623, min distance = 2.029030
OXDA_PIG	Fu: 446013	1,	O28604_ARCFU	1	444188	CI	1JNR	1VE9	1JNZ	0.94	Sc=6.44623, min distance = 2.103970
OXDA_PIG	Fu: 448054	CI	FRDA_SHEFR	Fu: 444188	CI	1M64	1VE9	1Y0P	0.97	Sc=6.44561, min distance = 1.587820	
OXDA_PIG	Fu: 449077	CI	FMO1_SCHPO	Fu: 444188	CI	2GV8	1VE9	1VQW	1	Sc=6.16103, min distance = 1.972420	
OXDA_PIG	Fu: 449465	CI	GSHR_HUMAN	Fu: 444188	CI	3DK9	1VE9	3GRT	0.98	Sc=6.44456, min distance = 1.926320	
OXDA_PIG	Fu: 6420174	C	O28603_ARCFU	1	444188	CI	1JNR	1VE9	2FJB	0.92	Sc=6.45368, min distance = 2.137360
OXDA_PIG	Fu: 6420174	C	O28604_ARCFU	1	444188	CI	1JNR	1VE9	2FJB	0.92	Sc=6.45355, min distance = 2.159800
OXLA_AGKHA	Fu: 11987634	GLPD_ECOLI	Fu: 444188	CI	2QCU	1TDK	2R4E	0.97	Sc=6.87267, min distance = 2.454150		
OXLA_AGKHA	Fu: 11987634	TYTR_TRYCR	Fu: 444188	CI	1BZL	1TDK	1AOG	0.97	Sc=6.87881, min distance = 2.113170		

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OXLA_AGKHA	F1	444502	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1TDK	1BWC	0.98	Sc=6.87246, min distance = 2.038416
OXLA_AGKHA	F1	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1TDK	1JNZ	0.94	Sc=6.88209, min distance = 2.482689
OXLA_AGKHA	F1	449465	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1TDK	3GRT	0.98	Sc=6.87381, min distance = 2.375829
OXLA_AGKHA	F1	6420174	C	O28603_ARCFU	I	444188	CI	1JNR	1TDK	2FJB	0.92	Sc=6.88531, min distance = 2.308196
OXLA_AGKHA	F1	6420174	C	O28604_ARCFU	I	444188	CI	1JNR	1TDK	2FJB	0.92	Sc=6.88594, min distance = 2.363696
OXLA_AGKHP	F1	11987634		GLPD_ECOLI	Fu:	444188	CI	2QCU	1REO	2R4E	0.97	Sc=6.87246, min distance = 2.355107
OXLA_AGKHP	F1	11987634		TYTR_TRYCR	Fu:	444188	CI	1BZL	1REO	1AOG	0.97	Sc=6.87481, min distance = 2.044446
OXLA_AGKHP	F1	444502	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1REO	1BWC	0.98	Sc=6.87315, min distance = 2.089195
OXLA_AGKHP	F1	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1REO	1JNZ	0.94	Sc=6.87919, min distance = 2.436755
OXLA_AGKHP	F1	446013	1,	O28604_ARCFU	I	444188	CI	1JNR	1REO	1JNZ	0.94	Sc=6.87862, min distance = 2.504714
OXLA_AGKHP	F1	447550	ph	TPIS_TRYBB	Fu:	311	citri	2VEK	1REO	4TIM		Sc=5.60412, min distance = 2.103804
OXLA_AGKHP	F1	449465	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	1REO	3GRT	0.98	Sc=6.43393, min distance = 2.309759
OXLA_AGKHP	F1	6420174	C	O28603_ARCFU	I	444188	CI	1JNR	1REO	2FJB	0.92	Sc=6.88404, min distance = 2.507194
OXLA_AGKHP	F1	6420174	C	O28604_ARCFU	I	444188	CI	1JNR	1REO	2FJB	0.92	Sc=6.88426, min distance = 2.584055
OXLA_AGKRH	F1	11005	Tet	ALBU_HUMAN	Fu:	311	citri	1TF0	1F8R	1N5U		Sc=5.79114, min distance = 2.315129
OXLA_AGKRH	F1	11957399		PYRB_ECOLI	Fu:	311	citri	1R0B	1F8R	2H3E		Sc=6.03735, min distance = 1.140155
OXLA_AGKRH	F1	11963950		FMS1_YEAST	Fu:	444188	CI	1RSG	2IID	3BI4	54.76	0.99 Sc=6.88629, min distance = 2.569736
OXLA_AGKRH	F1	12136	Ber	POL_HV1N5	Ful:	311	citri	2GON	1F8R	9HVP		Sc=5.70505, min distance = 0.316019
OXLA_AGKRH	F1	16741253		LSD1_HUMAN	Fu:	444188	CI	2DW4	2IID	2UXN	45	0.95 Sc=6.88378, min distance = 2.287850
OXLA_AGKRH	F1	16750041		PYRB_ECOLI	Fu:	311	citri	1R0B	1F8R	2IPO		Sc=6.03149, min distance = 2.337885
OXLA_AGKRH	F1	439459	Hc	NIFD_KLEPN	Fu:	311	citri	1H1L	1F8R	1QGU	0.92	Sc=5.92596, min distance = 2.703706
OXLA_AGKRH	F1	439459	Hc	NIFK_KLEPN	Fu:	311	citri	1H1L	1F8R	1QGU	0.92	Sc=5.92596, min distance = 2.729844
OXLA_AGKRH	F1	449465	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	2IID	3GRT	0.98	Sc=6.88531, min distance = 2.278124
OXLA_AGKRH	F1	51	2-Oxop	SERA_ECOLI	Fu:	311	citri	2P9E	1F8R	1YBA	0.76	Sc=5.89311, min distance = 0.844365
OXLA_AGKRH	F1	5789	thyn	Q9HU22_PSEAE	I	311	citri	1G1L	1F8R	1G0R		Sc=6.28972, min distance = 0.718066
OXLA_AGKRH	F1	6420174	C	O28603_ARCFU	I	444188	CI	1JNR	2IID	2FJB	0.92	Sc=6.89415, min distance = 2.130664
OXLA_AGKRH	F1	6420174	C	O28604_ARCFU	I	444188	CI	1JNR	2IID	2FJB	0.92	Sc=6.89225, min distance = 2.207416
OXLA_AGKRH	F1	6961	PYRC	FUMC_ECOLI	Fu:	311	citri	1FUO	1F8R	1FUP		Sc=6.21101, min distance = 2.514382
OXSRI_HUMAN	I	11987888		IRAK4_HUMAN	F1	33113	gar	2OID	2VWI	2NRU		Sc=6.5706, min distance = 0.8362954
OXSRI_HUMAN	I	15993	dAT	PRIM_BPT7	Ful:	33113	gar	1E0J	2VWI	1CR2	0.97	Sc=5.66451, min distance = 1.944058
OXSRI_HUMAN	I	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	2VWI	2PVH		Sc=5.9604, min distance = 2.7975476
OXSRI_HUMAN	I	24779675		CSK2A_MAIZE	F1	33113	gar	1LP4	2VWI	2PVJ		Sc=6.33169, min distance = 2.160735
OXSRI_HUMAN	I	24779676		CSK2A_MAIZE	F1	33113	gar	1LP4	2VWI	2PVK		Sc=6.33512, min distance = 2.153004
OXSRI_HUMAN	I	24779677		CSK2A_MAIZE	F1	33113	gar	1LP4	2VWI	2PVL		Sc=6.22886, min distance = 1.900324
OXSRI_HUMAN	I	24779678		CSK2A_MAIZE	F1	33113	gar	1LP4	2VWI	2PVM		Sc=6.39569, min distance = 2.287115
OXSRI_HUMAN	I	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2VWI	2ETK		Sc=6.00356, min distance = 2.507439
OXSRI_HUMAN	I	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2VWI	2ESM		Sc=5.87289, min distance = 1.799009

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OXSRI_HUMAN	1	3973	nche	PIM1_HUMAN	Fu	33113	gar	1XR1	2VWI	1YI3		Sc=5.80379, min distance = 2.253626
OXSRI_HUMAN	1	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	2VWI	1W9I	0.91	Sc=5.81251, min distance = 2.699025
OXSRI_HUMAN	1	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	2VWI	2ETR		Sc=5.98225, min distance = 2.448016
OXSRI_HUMAN	1	5326739	i	GSK3B_HUMAN	Fu	33113	gar	1J1B	2VWI	1Q41		Sc=6.14251, min distance = 2.667937
OXSRI_HUMAN	1	5327121	1	PIM1_HUMAN	Fu	33113	gar	1XR1	2VWI	2C3I		Sc=6.17767, min distance = 2.242012
OXSRI_HUMAN	1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2VWI	1YI4	0.93	Sc=6.1383, min distance = 1.9575711
OXSRI_HUMAN	1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	2VWI	1Q97	0.93	Sc=5.74912, min distance = 2.784441
OXSRI_HUMAN	1	611002	Op	PIM1_HUMAN	Fu	33113	gar	1XR1	2VWI	1YXX		Sc=6.00869, min distance = 2.172762
OXSRI_HUMAN	1	91532	AME	MURC_HAEIN	Fu	33113	gar	1P3D	2VWI	1GQY	0.99	Sc=5.89871, min distance = 1.990895
OYE1_SACPS	Fu	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	1OYA	1JRB		Sc=5.87736, min distance = 2.573764
OYE1_SACPS	Fu	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1OYA	1LTD	0.77	Sc=6.1639, min distance = 2.3910562
P152_METTH	Fu	5326566	1	Q9WZW1_THEMA	1	444243	FA	1T6Y	1EJE	1S4M	0.82	Sc=6.3327, min distance = 2.2865537
P1_ARATH	Fu	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2J3I	1DRW	0.91	Sc=5.97233, min distance = 1.870189
P5CR1_HUMAN	1	446050	CI	G3P_HUMAN	Fu	5893	nadi	1U8F	2IZZ	3GPD	0.95	Sc=6.2811, min distance = 1.2553409
P5CR1_HUMAN	1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	2IZZ	2BJA		Sc=6.19275, min distance = 2.413917
P71278_ENTCL	23722944			TTHY_HUMAN	Fu	1493	2,4-	2B15	1GVO	2QGE		Sc=5.84969, min distance = 2.199946
P71278_ENTCL	4369524			PRGR_HUMAN	Fu	5994	prog	1A28	2ABA	1ZUC		Sc=5.96255, min distance = 2.478054
P71278_ENTCL	448734			TTHY_HUMAN	Fu	1493	2,4-	2B15	1GVO	1TLM		Sc=6.10787, min distance = 2.235066
P71454_LEUME	188966		dA	HSLU_ECOLI	Fu	6022	Aden	1HQY	1EHI	1G4A	0.98	Sc=5.96375, min distance = 1.876075
P71454_LEUME	23653515			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	2R3F		Sc=6.13765, min distance = 2.077695
P71454_LEUME	23653523			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	2R30		Sc=6.44493, min distance = 2.027656
P71454_LEUME	24864080			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	2VTR		Sc=6.01468, min distance = 1.974950
P71454_LEUME	4369136			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	1DM2		Sc=6.25549, min distance = 1.797409
P71454_LEUME	447916		ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1EHI	1ZTF	0.95	Sc=6.19256, min distance = 2.763142
P71454_LEUME	447955		1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	1PXI		Sc=5.75952, min distance = 2.173075
P71454_LEUME	447967			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	1PYE		Sc=6.36335, min distance = 2.184209
P71454_LEUME	5327148			IPKA_RABIT	Fu	6022	Aden	1JBP	1EHI	2ERZ		Sc=6.15834, min distance = 2.069354
P71454_LEUME	5687		1di8	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	1DI8		Sc=6.24985, min distance = 2.274376
P71454_LEUME	6420140			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	2C5Y		Sc=6.51886, min distance = 2.002101
P71454_LEUME	9543438			DDLB_ECOLI	Fu	6022	Aden	1IOW	1EHI	1IOV		Sc=5.99842, min distance = 2.052342
P71454_LEUME	9543438			DDLB_ECOLI	Fu	9543432	1	2DLN	1EHI	1IOV		Sc=5.98647, min distance = 2.762311
P71454_LEUME	9547890			CDK2_HUMAN	Fu	6022	Aden	1GY3	1EHI	1W8C		Sc=6.27374, min distance = 2.328128
P74325_SYNY3	185698		al	LEC_PEA	Full=	5988	sucr	1OFS	1TJ5	1RIN	0.87	Sc=5.77565, min distance = 2.143239
P74325_SYNY3	445238		Ol	GUN2_THEFU	Fu	64689	bet	2BOF	1U2S	2BOG	0.94	Sc=5.77061, min distance = 2.200392
P74325_SYNY3	447607		1c	Q79G13_MYCTU	1	64689	bet	1UP0	1U2S	1UP2		Sc=5.8821, min distance = 0.6142922
P83787_MARHY	1005		phos	F16PA_ECOLI	Fu	311	citri	2OWZ	1NML	2OX3		Sc=5.62674, min distance = 2.307924
P83787_MARHY	11869260			DGAL_ECOLI	Fu	311	citri	2FW0	1NML	2QW1		Sc=5.83642, min distance = 2.473169

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P83787_MARHY	12136	Ber	POL_HV1N5	Ful	311	citri	2GON	1NML	9HVP		Sc=5.68082, min distance = 0.804374
P83787_MARHY	126892	1t	TPIS_TRYBB	Fu	311	citri	2VEK	1NML	1TSI		Sc=5.83725, min distance = 1.363100
P83787_MARHY	23831	HEE	GSK3B_HUMAN	Fu	311	citri	1R0E	1NML	1H8F		Sc=5.66388, min distance = 1.986877
P83787_MARHY	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	1NML	1IIH		Sc=5.76601, min distance = 1.646750
P83787_MARHY	439276	3-	GGGPS_ARCFU	Fu	311	citri	2F6U	1NML	2F6X		Sc=5.60752, min distance = 2.326547
P83787_MARHY	439276	3-	TPIS_TRYBB	Fu	311	citri	2VEK	1NML	6TIM		Sc=5.66427, min distance = 1.484480
P83787_MARHY	439351	3-	AROQ_HELPY	Fu	311	citri	2C4V	1NML	1J2Y		Sc=5.94793, min distance = 2.139400
P83787_MARHY	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1NML	1QGU	0.92	Sc=5.98895, min distance = 2.684040
P83787_MARHY	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1NML	1QGU	0.92	Sc=5.99413, min distance = 2.693180
P83787_MARHY	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	1NML	1ACO		Sc=5.94606, min distance = 2.024400
P83787_MARHY	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	1NML	1FGH		Sc=5.9997, min distance = 2.2441670
P83787_MARHY	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	1NML	1NIS		Sc=5.94331, min distance = 2.332450
P83787_MARHY	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	1NML	8ACN		Sc=5.90282, min distance = 2.395980
P83787_MARHY	4797	1tpw	TPIS_TRYBB	Fu	311	citri	2VEK	1NML	1TTJ		Sc=5.65555, min distance = 2.162560
P83812_BACST	12389	Tet	LTC4S_HUMAN	Fu	985	palmi	2UUh	1PZX	2UUI		Sc=6.04643, min distance = 1.291060
P83812_BACST	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1PZX	1BSO	0.83	Sc=5.89996, min distance = 2.468300
P83818_THETH	5326566	1	Q9WZw1_THEMA	1	444243	FA	1T6Y	1USC	1S4M	0.82	Sc=6.32205, min distance = 2.575290
P83820_THETH	11957393		FAK1_HUMAN	Fu	6022	Aden	1MP8	1V90	2ETM		Sc=6.05614, min distance = 1.994030
P83820_THETH	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	1H1Q		Sc=6.0678, min distance = 2.5213190
P83820_THETH	23653518		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	2R3J		Sc=5.95869, min distance = 2.175900
P83820_THETH	23653519		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	2R3K		Sc=6.08476, min distance = 2.071850
P83820_THETH	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	2VTR		Sc=6.0335, min distance = 0.9099540
P83820_THETH	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1V90	1BS1	0.91	Sc=6.34029, min distance = 2.204770
P83820_THETH	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	1OI9		Sc=6.1139, min distance = 2.0565460
P83820_THETH	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	1OIU		Sc=6.01024, min distance = 2.208920
P83820_THETH	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1V90	1ZTF	0.95	Sc=6.07993, min distance = 2.739870
P83820_THETH	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	1H1R		Sc=5.96356, min distance = 2.309210
P83820_THETH	5327130	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V90	2C68		Sc=5.99186, min distance = 2.242340
P83820_THETH	5957	Ader	Q53W83_THET8	1	6022	Aden	1V1A	1V90	1V1B	0.99	Sc=5.63529, min distance = 2.662630
P83820_THETH	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	1V90	2CVV		Sc=5.87264, min distance = 2.015590
P83820_THETH	9543433	T	NDKC_DICDI	Fu	6022	Aden	1KDN	1V90	1F6T		Sc=6.33043, min distance = 2.091770
P84125_THETH	11987635		ADH_DROLE	Ful	5893	nadi	1SBY	1VC2	1B2L	0.76	Sc=6.5099, min distance = 1.9369900
P84125_THETH	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1VC2	1I3K	0.79	Sc=6.75137, min distance = 1.948220
P84125_THETH	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1VC2	1UDB	0.79	Sc=6.29771, min distance = 2.013780
P84125_THETH	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1VC2	1V35	0.79	Sc=6.74618, min distance = 1.967760
P84125_THETH	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1VC2	2FZE		Sc=5.68509, min distance = 2.218480
P84125_THETH	446006	CI	MDH_THETH	Ful	5893	nadi	1BMD	1VC2	2CVQ		Sc=5.95224, min distance = 2.079930

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P84125_THETH	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	1VC2	3GPD	0.95	Sc=6.71932, min distance = 2.373696
P84125_THETH	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	1VC2	1IHX		Sc=6.29237, min distance = 2.561844
P84125_THETH	447224	AF	FADB_PSEFR	Fu	5893	nadi	1WDK	1VC2	1WDL		Sc=6.33962, min distance = 1.591705
P84125_THETH	6022	Ader	Q5SI02_THET8		5893	nadi	2BJK	1VC2	2BJA		Sc=6.25868, min distance = 2.397604
P84141_ARTAU	6540269	2	HYSA_STRPN	Fu	446101	AC	1OJO	1RWH	2BRP		Sc=5.89059, min distance = 2.294512
P90613_TOXGO	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	1PZH	1T2E	0.77	Sc=6.77256, min distance = 2.761814
P90613_TOXGO	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1PZH	9LDT	0.77	Sc=6.7712, min distance = 2.171367
P90613_TOXGO	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	1PZH	2JHF	0.79	Sc=6.75332, min distance = 2.270963
P90613_TOXGO	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	1PZH	1HL3	0.79	Sc=6.77212, min distance = 2.094842
P90613_TOXGO	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	1PZH	1BDM	0.79	Sc=6.7803, min distance = 2.476916
P90613_TOXGO	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1PZH	2FZE		Sc=6.6175, min distance = 2.487247
P90613_TOXGO	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	1PZH	1WXI		Sc=5.85293, min distance = 2.134663
P93799_VITVI	3973	nche	PIM1_HUMAN	Fu	5281672	nr	2O63	2IOD	1YI3		Sc=5.86387, min distance = 1.672424
P93799_VITVI	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2IOD	1E7Y		Sc=5.69269, min distance = 1.952977
P93799_VITVI	657135	Op	PIM1_HUMAN	Fu	5281672	nr	2O63	2IOD	1YXV		Sc=5.69232, min distance = 3.007149
P94182_9NOST	656964	1y	PDE4D_HUMAN	Fu	6076	Cycl	2PW3	1YKD	1Y2C		Sc=5.91374, min distance = 2.277751
P94182_9NOST	656966	1y	PDE4D_HUMAN	Fu	6076	Cycl	2PW3	1YKD	1Y2E		Sc=6.04966, min distance = 2.375720
P94182_9NOST	656969	1y	PDE4D_HUMAN	Fu	6076	Cycl	2PW3	1YKD	1Y2K		Sc=6.19161, min distance = 2.161489
P94182_9NOST	6858240	C	KAP0_BOVIN	Fu	6076	Cycl	1RGS	1YKD	1NE6	0.98	Sc=6.23199, min distance = 1.920004
P94692_DESAF	124687	1x	MDLC_PSEPU	Fu	444421	CI	2FWN	1B0P	1Q6Z	0.95	Sc=6.51911, min distance = 2.390080
P94692_DESAF	124687	1x	OXC_OXAFO	Ful	1132	thia	2JI8	2C42	2C31	0.79	Sc=6.51645, min distance = 2.134354
P94692_DESAF	24836827		BZNB_PSEFL	Fu	1132	thia	2UZ1	2C42	3D7K		Sc=6.30289, min distance = 1.632764
P94692_DESAF	448671	2-	ILVB_YEAST	Fu	1132	thia	1N0H	2C42	1T9B		Sc=5.98325, min distance = 2.521369
P94692_DESAF	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	2C42	1TKA		Sc=6.48198, min distance = 2.201071
P94692_DESAF	448723	1t	TKT1_YEAST	Fu	1132	thia	1TRK	2C42	1TKC	0.77	Sc=6.52587, min distance = 2.046946
P94692_DESAF	6102647	C	ODBA_HUMAN	Fu	1132	thia	2BFD	2C42	1WCI	0.9	Sc=6.63256, min distance = 2.084106
P94692_DESAF	6102749	T	ODBA_HUMAN	Fu	1132	thia	2BFD	2C42	2J9F	0.92	Sc=6.5975, min distance = 2.138059
P94692_DESAF	6518182	C	POXB_LACPL	Fu	1132	thia	2EZ4	2C42	2EZ9	0.94	Sc=6.20043, min distance = 2.095626
P94692_DESAF	6518187	2	POXB_LACPL	Fu	1132	thia	2EZ4	2C42	2EZ8	0.87	Sc=6.18361, min distance = 2.046698
P95480_PSEFL	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	2AQJ	2R4E	0.97	Sc=6.86598, min distance = 2.115080
P95480_PSEFL	446013	1,	O28603_ARCFU		444188	CI	1JNR	2AQJ	1JNZ	0.94	Sc=6.43559, min distance = 2.194821
P95480_PSEFL	446013	1,	O28604_ARCFU		444188	CI	1JNR	2AQJ	1JNZ	0.94	Sc=6.43436, min distance = 2.169206
P95480_PSEFL	5962	L-ly	THER_BACTH	Fu	6305	L-tr	1THL	2AQJ	1KEI		Sc=5.74009, min distance = 2.248148
P95480_PSEFL	60961	ade	Q8KHZ8_NOCAE		6305	L-tr	2E4G	2AQJ	2OA1		Sc=6.29013, min distance = 2.514087
P95480_PSEFL	6140	L-ph	APX_STRGR	Ful	6305	L-tr	1TF8	2AQJ	1F2P		Sc=5.85821, min distance = 2.050720
P95480_PSEFL	6140	L-ph	THER_BACTH	Fu	6305	L-tr	1THL	2AQJ	1OS0		Sc=5.86884, min distance = 2.299696
P95480_PSEFL	71567	D-g	APX_STRGR	Ful	6305	L-tr	1TF8	2AQJ	1TKH		Sc=5.89451, min distance = 2.121406

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P95480_PSEFL	9060 D-tr	P95481_PSEFL	1 3081936 7 2V7L	2AR8	2V7K	0.9	Sc=6.13361, min distance = 2.42861
P95481_PSEFL	11957385	MYG_PHYCA	Fu: 444098 HE 1A6M	2V7K	2CMM		Sc=6.03775, min distance = 2.07454
P96896_MYCTU	134497 4-	APX_STRGR	Fu: 6305 L-tr 1TF8	2VBZ	1TF9		Sc=5.6586, min distance = 2.095563
P96896_MYCTU	6140 L-ph	APX_STRGR	Fu: 6305 L-tr 1TF8	2VBZ	1F2P		Sc=5.641, min distance = 2.1656823
P96896_MYCTU	71567 D-g	APX_STRGR	Fu: 6305 L-tr 1TF8	2VBZ	1TKH		Sc=5.77558, min distance = 2.46445
PA1L_PSEAE	F: 6027 xyld	Q9ZB17_9LACT	1 439353 be 1NSX	1OKO	1MN0	0.93	Sc=5.60935, min distance = 1.83838
PA1L_PSEAE	F: 657081 CI	LEG3_HUMAN	Fu: 64689 bet 2NMO	2VXJ	1KJR		Sc=5.62063, min distance = 1.48792
PA25_NAJSG	F: 444205 CI	DPP4_HUMAN	Fu: 24139 ace 2RGU	1Y75	3BJM	0.91	Sc=5.95424, min distance = 2.31185
PA25_NAJSG	F: 445247 CI	CHLY_HEVBR	Fu: 24139 ace 1KQY	1Y75	1LLO		Sc=5.72905, min distance = 2.33080
PA28_DABRR	F: 177880 2	TTHY_HUMAN	Fu: 3033 dicl 1DVX	1SV9	2G9K		Sc=5.61836, min distance = 2.00714
PA28_DABRR	F: 20284644	TTHY_HUMAN	Fu: 3033 dicl 1DVX	1SV9	2QGC		Sc=5.67325, min distance = 2.51565
PA28_DABRR	F: 23722944	TTHY_HUMAN	Fu: 3033 dicl 1DVX	1SV9	2QGE		Sc=5.87607, min distance = 0.81645
PA28_DABRR	F: 25011739	TTHY_HUMAN	Fu: 3033 dicl 1DVX	1SV9	3CN0		Sc=5.66793, min distance = 2.31171
PA28_DABRR	F: 30951 alcd	PGH1_SHEEP	Fu: 39912 ibu 1EQG	2PWS	1HT8		Sc=5.64328, min distance = 1.95361
PA28_DABRR	F: 445302 AC	PGH1_SHEEP	Fu: 39912 ibu 1EQG	2PWS	1EBV		Sc=5.74321, min distance = 2.57896
PA28_DABRR	F: 4488 nifl	PA23_NAJSG	Fu: 2244 aspi 1OXR	1TGM	1TD7	44.78	Sc=5.90573, min distance = 2.48779
PA28_DABRR	F: 5287495 2	TTHY_HUMAN	Fu: 3033 dicl 1DVX	1SV9	2B77		Sc=5.88986, min distance = 2.30703
PA2_APIME	Fu: 446400 se	PA2GA_HUMAN	Fu: 129148 Di 1POE	1POC	1J1A		Sc=6.51447, min distance = 2.26634
PA2_APIME	Fu: 446783 6-	PA2GA_HUMAN	Fu: 129148 Di 1POE	1POC	1KQU		Sc=6.4449, min distance = 2.258813
PA2_NAJNA	Fu: 444205 CI	DPP4_HUMAN	Fu: 24139 ace 2RGU	1OWS	3BJM	0.91	Sc=5.94643, min distance = 2.36164
PA2_NAJNA	Fu: 445247 CI	CHLY_HEVBR	Fu: 24139 ace 1KQY	1OWS	1LLO		Sc=5.72167, min distance = 2.38092
PA2_NAJNA	Fu: 446101 AC	CSLA_PEDHE	Fu: 24139 ace 1HM3	1OWS	1HM2	0.94	Sc=5.8728, min distance = 2.182060
PABB_ECOLI	F: 134497 4-	APX_STRGR	Fu: 6305 L-tr 1TF8	1K0E	1TF9		Sc=5.90272, min distance = 2.05245
PABB_ECOLI	F: 3081936 7	P95480_PSEFL	1 6305 L-tr 2AQJ	1K0E	2AR8	0.9	Sc=6.17596, min distance = 2.27297
PABB_ECOLI	F: 6140 L-ph	APX_STRGR	Fu: 6305 L-tr 1TF8	1K0E	1F2P		Sc=5.87794, min distance = 1.93552
PABB_ECOLI	F: 71567 D-g	APX_STRGR	Fu: 6305 L-tr 1TF8	1K0E	1TKH		Sc=5.93597, min distance = 2.26800
PABC_ECOLI	F: 447037 ME	DGDA_BURCE	Fu: 445005 D- 1D7S	1I2L	1M00	0.88	Sc=5.98439, min distance = 2.17102
PANC_MYCTU	F: 2519 caff	PYGM_RABIT	Fu: 6083 aden 8GPB	2A7X	1GFZ		Sc=5.9085, min distance = 2.192403
PANC_MYCTU	F: 440641 1n	O57693_THETE	1 6083 aden 1UXU	2A7X	1UXR		Sc=5.96519, min distance = 2.22735
PANC_MYCTU	F: 445736 5	SYS2_METBF	Fu: 5957 Aden 2CJA	2A84	2CJ9	0.87	Sc=6.50754, min distance = 1.54480
PANC_MYCTU	F: 447916 ac	RIO1_ARCFU	Fu: 5957 Aden 1ZP9	2A84	1ZTF	0.94	Sc=6.26491, min distance = 2.55386
PANC_MYCTU	F: 5327121 1	PIM1_HUMAN	Fu: 6083 aden 1YXU	2A7X	2C3I		Sc=6.31383, min distance = 0.67733
PANC_MYCTU	F: 6022 Ader	DDL_THET8	Fu: 5957 Aden 2ZDQ	2A84	2ZDH	0.99	Sc=6.46179, min distance = 1.93677
PANC_MYCTU	F: 6022 Ader	MUTS_ECOLI	Fu: 5957 Aden 1W7A	2A84	1OH7	0.99	Sc=6.43556, min distance = 2.02432
PANC_MYCTU	F: 6022 Ader	Q94M05_9VIRU	1 91557 1tr 1W48	1N2E	1W44	0.99	Sc=6.48902, min distance = 1.72398
PANC_MYCTU	F: 6022 Ader	RIO1_ARCFU	Fu: 5957 Aden 1ZP9	2A84	1ZTH	0.99	Sc=6.42829, min distance = 1.81711
PANC_MYCTU	F: 611002 Og	PIM1_HUMAN	Fu: 6083 aden 1YXU	2A7X	1YXX		Sc=6.21358, min distance = 1.57547

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PANC_MYCTU	Ft	6133	urid	CCA_ARCFU	Fu	5957	Aden	1R8B	2A84	1R8C		Sc=6.38853, min distance = 0.791986
PANC_MYCTU	Ft	65110	AIC	YL28_SCHPO	Fu	6083	aden	20OX	2A7X	2QRE	0.79	Sc=5.87921, min distance = 1.977914
PANC_MYCTU	Ft	65533	cor	O57693_THETE	I	6083	aden	1UXU	2A7X	1UXT		Sc=5.95873, min distance = 2.130515
PANC_MYCTU	Ft	656966	ly	PDE4D_HUMAN	Ft	6083	aden	1TB7	2A7X	1Y2E		Sc=6.1427, min distance = 2.005080
PANC_MYCTU	Ft	6830	guar	Q381M1_9TRYP	I	5957	Aden	2Q0D	2A84	2Q0E	0.8	Sc=6.48297, min distance = 2.069475
PANC_MYCTU	Ft	91532	AMF	Q5SJV7_THET8	I	5957	Aden	2Z08	2A84	2Z09	0.99	Sc=6.50172, min distance = 2.104060
PANE_ECOLI	Ft	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1YJQ	2IZ1		Sc=5.8105, min distance = 2.062162
PAP1_VACCW	Ft	444564	AD	MYS2_DICDI	Fu	440317	AT	1MMG	2GA9	1W9I	0.91	Sc=5.85224, min distance = 2.350146
PAP1_VACCW	Ft	6083	ader	SRC_CHICK	Fu	440317	AT	3DQW	2GA9	3DQX	0.97	Sc=6.27355, min distance = 2.076981
PAP2_VACCW	Ft	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1V39	1Z3C	0.91	Sc=6.58684, min distance = 2.275407
PAP2_VACCW	Ft	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1VPT	1H1D	0.92	Sc=6.55883, min distance = 2.027240
PAP2_VACCW	Ft	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1V39	1JQE	0.95	Sc=6.54321, min distance = 2.300655
PAP2_VACCW	Ft	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1V39	1JG2	0.84	Sc=6.31289, min distance = 2.542240
PAPC_ECOLX	Ft	131682	Se	AOFB_HUMAN	Fu	444279	1s	1OJD	2VQI	2V5Z		Sc=6.01327, min distance = 2.088192
PAPC_ECOLX	Ft	8182	DODE	RCEM_RHOSH	Fu	444279	1s	1RZH	2VQI	2JIY		Sc=5.696, min distance = 0.6723875
PAPS1_HUMAN	I	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1X6V	1GZ8		Sc=6.16907, min distance = 2.029466
PAPS1_HUMAN	I	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1X6V	1H1R		Sc=6.1148, min distance = 2.074793
PAPS1_HUMAN	I	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1X6V	1A82	0.99	Sc=5.75831, min distance = 2.255454
PAPS1_HUMAN	I	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	1X6V	2CVV		Sc=5.60259, min distance = 2.053140
PAPS1_HUMAN	I	91532	AMF	KIF1A_MOUSE	Ft	6022	Aden	1I5S	1X6V	1I6I	0.99	Sc=5.76906, min distance = 2.405595
PAPS1_HUMAN	I	91532	AMF	NIFH1_AZOVI	Ft	6022	Aden	1FP6	1X6V	2AFK	0.99	Sc=5.79718, min distance = 2.109662
PAPS2_HUMAN	I	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AX4	1GZ8		Sc=6.17038, min distance = 2.427326
PAPS2_HUMAN	I	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	2AX4	1LVK		Sc=6.05461, min distance = 2.404858
PAPS2_HUMAN	I	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AX4	1E1V		Sc=6.09693, min distance = 2.288872
PAPS2_HUMAN	I	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AX4	1H1R		Sc=6.13882, min distance = 1.760946
PAPS2_HUMAN	I	91532	AMF	DNAA_AQUAE	Fu	6022	Aden	1L8Q	2AX4	2HCB	0.99	Sc=5.71004, min distance = 1.761762
PAP_YEAST	Fu	11708454		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2Q66	2VNW		Sc=5.8915, min distance = 2.214344
PAP_YEAST	Fu	17754396		PDPK1_HUMAN	Ft	5957	Aden	2BIY	2Q66	2R7B		Sc=6.27985, min distance = 2.265888
PAP_YEAST	Fu	3540	lyds	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2Q66	1YDS		Sc=5.66462, min distance = 2.126648
PAP_YEAST	Fu	3547	Fasu	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2Q66	1Q8W		Sc=5.75747, min distance = 2.129705
PAP_YEAST	Fu	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2Q66	1BS1	0.91	Sc=5.84355, min distance = 2.380285
PAP_YEAST	Fu	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2Q66	1W9I	0.91	Sc=6.301, min distance = 0
PAP_YEAST	Fu	444852	CI	ATPA1_BOVIN	Ft	5957	Aden	2V7Q	2Q66	1COW	0.91	Sc=6.40901, min distance = 1.281645
PAP_YEAST	Fu	6022	Ader	ARSA1_ECOLX	Ft	5957	Aden	1II0	2Q66	1IHU	0.99	Sc=5.83829, min distance = 2.180294
PAP_YEAST	Fu	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	2Q66	1DAD	0.99	Sc=6.29708, min distance = 2.015275
PAP_YEAST	Fu	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2Q66	1OH7	0.99	Sc=6.29979, min distance = 2.144135
PAP_YEAST	Fu	6022	Ader	PDK2_HUMAN	Fu	5957	Aden	2BU2	2Q66	2BU8	0.99	Sc=5.87081, min distance = 2.455925

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PAP_YEAST	Fu: 6022	Ader	PURK_ECOLI	Fu: 5957	Aden	3ETH	2Q66	3ETJ	0.99	Sc=6.28756, min distance = 2.215117
PAP_YEAST	Fu: 6022	Ader	PURP_METJA	Fu: 5957	Aden	2R7L	2Q66	2R7N	0.99	Sc=5.81251, min distance = 2.818274
PAP_YEAST	Fu: 6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	2BEJ	0.99	Sc=5.86961, min distance = 2.113769
PAP_YEAST	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	2Q66	2J9D	0.99	Sc=6.35256, min distance = 2.176500
PAP_YEAST	Fu: 6083	ader	Y059_METJA	Fu: 5957	Aden	2J9C	2Q66	2J9D	0.98	Sc=6.24727, min distance = 2.163914
PAP_YEAST	Fu: 6176	Cyti	Q381M1_9TRYP	1	5957	Aden	2Q0D	2Q0C		Sc=5.85899, min distance = 2.426571
PAP_YEAST	Fu: 65070	dUT	Q381M1_9TRYP	1	5957	Aden	2Q0D	2Q66		Sc=5.8362, min distance = 1.4800486
PAP_YEAST	Fu: 6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	2Q0E	0.8	Sc=5.92799, min distance = 2.328728
PAP_YEAST	Fu: 91532	AME	NIFH1_AZOVI	Fu: 5957	Aden	2C8V	2Q66	2AFK	0.99	Sc=6.4119, min distance = 2.0566662
PAP_YEAST	Fu: 91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	2Z09	0.99	Sc=5.66497, min distance = 2.126770
PAR12_HUMAN	1	439183	1	TPIS_TRYBB	Fu: 311	citri	2VEK	2PQF		Sc=5.64399, min distance = 1.222118
PAR12_HUMAN	1	439459	1	NIFD_KLEPN	Fu: 311	citri	1H1L	2PQF	0.92	Sc=6.01351, min distance = 1.808360
PAR12_HUMAN	1	439459	1	NIFK_KLEPN	Fu: 311	citri	1H1L	2PQF	0.92	Sc=6.01351, min distance = 1.749740
PAR12_HUMAN	1	444568	1	RENI_HUMAN	Fu: 311	citri	2IL2	2PQF		Sc=5.86771, min distance = 0.773910
PAR12_HUMAN	1	51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	2PQF	0.76	Sc=5.87955, min distance = 0.539430
PARE_ECOLI	Fu: 16058649		IGF1R_HUMAN	Fu: 33113	gar	1JQH	1S16	2OJ9		Sc=6.57326, min distance = 1.963779
PARE_ECOLI	Fu: 16750062		CSK2A_MAIZE	Fu: 33113	gar	1LP4	1S16	2OXD		Sc=5.67964, min distance = 2.649840
PARE_ECOLI	Fu: 5287844	1	GSK3B_HUMAN	Fu: 33113	gar	1J1B	1S16	1UV5		Sc=6.35883, min distance = 2.050080
PARE_ECOLI	Fu: 5326976	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1S16	1ZOE		Sc=5.72439, min distance = 2.600594
PARE_ECOLI	Fu: 5326978	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	1S16	1ZOH		Sc=5.64619, min distance = 2.563016
PARE_ECOLI	Fu: 5327148	1	IPKA_RABIT	Fu: 33113	gar	1CDK	1S16	2ERZ		Sc=6.21035, min distance = 1.357667
PARE_ECOLI	Fu: 9549303	2	STK6_HUMAN	Fu: 33113	gar	2DWB	1S16	2NP8		Sc=6.54531, min distance = 2.012680
PARM_ECOLX	Fu: 24978488		TBB2B_BOVIN	Fu: 8977	1dar	1Z2B	2ZGY	3DU7		Sc=6.38579, min distance = 2.288539
PARM_ECOLX	Fu: 37792	gar	ARF6_HUMAN	Fu: 8977	1dar	1E0S	2ZGY	2J5X	0.99	Sc=6.44399, min distance = 2.040549
PARM_ECOLX	Fu: 37792	gar	RHOA_HUMAN	Fu: 8977	1dar	1TX4	2ZGY	1CXZ	0.99	Sc=6.00025, min distance = 2.067014
PARM_ECOLX	Fu: 444564	AD	BIOD_ECOLI	Fu: 6022	Aden	1DAD	1MWM	1BS1	0.91	Sc=6.37018, min distance = 1.738562
PARM_ECOLX	Fu: 444845	1c	RASH_HUMAN	Fu: 36735	Gpp	1CTQ	2ZGZ	1CLU	0.99	Sc=6.5017, min distance = 2.1950938
PARM_ECOLX	Fu: 444852	CI	ATPB_BOVIN	Fu: 6022	Aden	2CK3	1MWM	1COW	0.9	Sc=6.44828, min distance = 2.090630
PARM_ECOLX	Fu: 445940	06	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1MWM	1GZ8		Sc=6.15666, min distance = 2.516297
PARM_ECOLX	Fu: 445966	06	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1MWM	1H0V		Sc=6.15212, min distance = 1.682150
PARM_ECOLX	Fu: 446248	CI	RAN_HUMAN	Fu: 36735	Gpp	1K5D	2ZGZ	1IBR		Sc=6.00575, min distance = 2.310978
PARM_ECOLX	Fu: 446248	CI	RASH_HUMAN	Fu: 36735	Gpp	1CTQ	2ZGZ	1IAQ		Sc=6.44977, min distance = 2.241730
PARM_ECOLX	Fu: 447955	1g	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1MWM	1PXI		Sc=5.68777, min distance = 2.670197
PARM_ECOLX	Fu: 448405	CI	ARF1_RAT	Full=	8977	1dar	1RRG	2ZGY		Sc=5.9388, min distance = 2.2046648
PARM_ECOLX	Fu: 4565	1h1r	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1MWM	1H1R		Sc=6.39701, min distance = 1.512738
PARM_ECOLX	Fu: 5957	Ader	ACTS_RABIT	Fu: 6022	Aden	1J6Z	1MWM	2FXU	0.99	Sc=6.48042, min distance = 1.882819
PARM_ECOLX	Fu: 5957	Ader	HSP7C_BOVIN	Fu: 6022	Aden	1BUP	1MWM	2BUP	0.99	Sc=6.46729, min distance = 1.343672

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PARM_ECOLX	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	1MWM	3D2F	0.99	Sc=6.4769, min distance = 2.1565910
PARM_ECOLX	F1	5957	Ader	LT_SV40	Full=1	6022	Aden	1SVL	1MWM	1SVM	0.99	Sc=6.56537, min distance = 0.527660
PARM_ECOLX	F1	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	1MWM	1W7A	0.99	Sc=6.46129, min distance = 1.805460
PARM_ECOLX	F1	5957	Ader	Q9RVK2_DEIRA	1	36735	Gpp	1SZ3	2ZGZ	1SU2	0.8	Sc=6.45321, min distance = 1.654389
PARM_ECOLX	F1	5957	Ader	Y059_METJA	Fu:	6022	Aden	2J9D	1MWM	2J9C	0.99	Sc=6.44794, min distance = 1.655537
PARM_ECOLX	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	1MWM	1FMO	0.95	Sc=6.1383, min distance = 1.7753930
PARM_ECOLX	F1	6804	guar	EF1A_YEAST	Fu:	8977	1dar	2B7B	2ZGY	1G7C	0.99	Sc=5.88104, min distance = 2.175967
PARM_ECOLX	F1	6804	guar	TGM3_HUMAN	Fu:	8977	1dar	1VJJ	2ZGY	1SGX	0.99	Sc=6.33143, min distance = 2.305608
PARM_ECOLX	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1MWM	2DTH	0.89	Sc=6.03507, min distance = 1.799030
PARM_ECOLX	F1	91532	AME	PURP_METJA	Fu:	6022	Aden	2R7N	1MWM	2R7K	0.99	Sc=6.50713, min distance = 1.523530
PARM_ECOLX	F1	93082	Gak	CDC42_HUMAN	F1	36735	Gpp	1NF3	2ZGZ	2ODB	0.99	Sc=6.47132, min distance = 2.295508
PARM_ECOLX	F1	93082	Gak	FTSY_THEAQ	Fu:	36735	Gpp	2J7P	2ZGZ	1RJ9	0.99	Sc=6.47344, min distance = 2.072877
PARM_ECOLX	F1	93082	Gak	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	2ZGZ	121P	0.99	Sc=6.03785, min distance = 2.315480
PBPA_AQUAE	F1	125409	be	XYNA_BACSU	Fu:	23831	HEF	2B45	2OQO	2QZ3		Sc=5.8193, min distance = 1.3016988
PBPA_AQUAE	F1	164795	N	RBCMT_PEA	Ful:	23831	HEF	1MLV	2OQO	2H2J		Sc=5.7749, min distance = 1.7038928
PBPA_AQUAE	F1	447768	CI	PURR_BACSU	Fu:	23831	HEF	1O57	2OQO	1P4A		Sc=5.67444, min distance = 1.557304
PBPA_AQUAE	F1	62551	Per	Q8WSF8_APLCA	1	23831	HEF	2BR7	2OQO	2BYN		Sc=5.75357, min distance = 2.070880
PBPA_AQUAE	F1	854023	Ep	Q8WSF8_APLCA	1	23831	HEF	2BR7	2OQO	2BYQ		Sc=5.72343, min distance = 1.342568
PCAF_HUMAN	F1	449233	CI	O53831_MYCTU	1	87642	coe	1P0H	1CM0	2C27		Sc=5.95746, min distance = 2.270859
PCCA_HUMAN	F1	24832019		ACES_TORCA	Fu:	8200	TETR	1DX6	2JKU	2J3Q		Sc=5.64814, min distance = 2.324839
PCRA_BACST	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	3PJR	2VNW		Sc=6.10093, min distance = 2.432844
PCRA_BACST	F1	6022	Ader	PURK_ECOLI	Fu:	5957	Aden	3ETH	3PJR	3ETJ	0.99	Sc=6.4564, min distance = 1.9341708
PCRA_BACST	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	3PJR	2J9D	0.99	Sc=6.4349, min distance = 1.6963010
PCRA_BACST	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	3PJR	2GNI		Sc=5.89708, min distance = 2.021869
PCXB_ACIAD	F1	127	4-hyd	PCXA_PSEPU	Fu:	72	protoc	1YKN	2BUV	3PCG	0.79	Sc=5.72521, min distance = 2.187168
PCXB_ACIAD	F1	127	4-hyd	PCXB_PSEPU	Fu:	72	protoc	1YKN	2BUV	3PCG	0.79	Sc=5.74284, min distance = 2.336500
PCXB_ACIAD	F1	160456	3p	PCXB_PSEPU	Fu:	135	p-Hyd	3PCC	2BUR	3PCF	0.97	Sc=5.68392, min distance = 2.333180
PCY2_HUMAN	F1	6132	Cyti	KPSU5_ECOLX	F1	6131	cyti	1H7F	3ELB	1H7H	0.99	Sc=6.36819, min distance = 1.009510
PCYB_PSEPA	F1	12122	3-H	PCXB_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCE	0.84	Sc=5.71389, min distance = 2.865677
PCYB_PSEPA	F1	127	4-hyd	PCXA_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCG	0.79	Sc=5.77331, min distance = 2.650167
PCYB_PSEPA	F1	127	4-hyd	PCXB_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCG	0.79	Sc=5.77146, min distance = 2.665984
PCYB_PSEPA	F1	135	p-Hyd	PCXA_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCC	0.89	Sc=5.65416, min distance = 2.622449
PCYB_PSEPA	F1	135	p-Hyd	PHHY_PSEFL	Fu:	72	protoc	1PHH	1B4U	1PBE	0.89	Sc=5.65867, min distance = 2.665100
PCYB_PSEPA	F1	160456	3p	PCXA_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCF	0.87	Sc=5.70177, min distance = 2.819329
PCYB_PSEPA	F1	3505109	4	LOX3_SOYBN	Fu:	72	protoc	1N8Q	1B4U	1NO3		Sc=5.78164, min distance = 2.177919
PCYB_PSEPA	F1	3505109	4	PCXB_ACIAD	Fu:	72	protoc	2BUV	1B4U	2BUU		Sc=5.76391, min distance = 2.035389
PCYB_PSEPA	F1	7420	3-Hy	PCXA_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCB	0.89	Sc=5.67564, min distance = 2.310300

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PCYB_PSEPA	F1	7420	3-Hy	PCXB_PSEPU	Fu:	72	protoc	1YKN	1B4U	3PCB	0.89	Sc=5.77648, min distance = 0.529185
PDC1_YEAST	F1	124687	1y	ODP1_ECOLI	Fu:	1132	thia	1L8A	1PVD	1RP7	0.79	Sc=6.0009, min distance = 1.922185
PDC1_YEAST	F1	13294447		DCIP_AZOBR	Fu:	1132	thia	2NXW	1PVD	2Q5Q		Sc=6.08207, min distance = 1.00562
PDC1_YEAST	F1	444421	CI	MDLC_PSEPU	Fu:	1132	thia	1BFD	1PVD	2FWN	0.82	Sc=6.43308, min distance = 2.38103
PDC1_YEAST	F1	445886	CI	TKT1_YEAST	Fu:	1132	thia	1TRK	1PVD	1GPU	0.91	Sc=5.77658, min distance = 1.97742
PDC1_YEAST	F1	448671	2-	ILVB_YEAST	Fu:	1132	thia	1N0H	1PVD	1T9B		Sc=5.83815, min distance = 2.66622
PDC1_YEAST	F1	448673	PE	ILVB_YEAST	Fu:	1132	thia	1N0H	1PVD	1T9B		Sc=5.80455, min distance = 2.11696
PDC1_YEAST	F1	448721	N3	TKT1_YEAST	Fu:	1132	thia	1TRK	1PVD	1TKA		Sc=6.43027, min distance = 2.13987
PDC1_YEAST	F1	448723	1t	TKT1_YEAST	Fu:	1132	thia	1TRK	1PVD	1TKC	0.77	Sc=6.45782, min distance = 2.37527
PDC1_YEAST	F1	6102647	C	ODBA_HUMAN	Fu:	1132	thia	2BFD	1PVD	1WCI	0.9	Sc=6.10814, min distance = 2.28933
PDC1_YEAST	F1	6102749	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1PVD	2J9F	0.92	Sc=6.07952, min distance = 2.20302
PDC1_YEAST	F1	6102750	T	ODBA_HUMAN	Fu:	1132	thia	2BFD	1PVD	2BEV	0.9	Sc=6.10705, min distance = 2.00241
PDC1_YEAST	F1	6518187	2	POXB_LACPL	Fu:	1132	thia	2EZ4	1PVD	2EZ8	0.87	Sc=5.77909, min distance = 2.04306
PDC_ZYMMO	Fu:	447530		SRC_HUMAN	Fu:	311	citri	1O4L	1ZPD	1O4F		Sc=5.77975, min distance = 2.63008
PDE10_HUMAN	I	3758	IBMX	PDE4D_HUMAN	F1	6076	Cycl	2PW3	2OUR	1ZKN		Sc=5.70912, min distance = 2.27694
PDE10_HUMAN	I	3758	IBMX	PDE5A_HUMAN	F1	6804	guan	1T9S	2OUQ	1RKP		Sc=6.03031, min distance = 0
PDE10_HUMAN	I	6419789	C	HASP_HUMAN	Fu:	6083	aden	3DLZ	2OUN	3E7V		Sc=6.06816, min distance = 2.01009
PDE10_HUMAN	I	656964	1y	PDE4D_HUMAN	F1	6076	Cycl	2PW3	2OUR	1Y2C		Sc=5.70438, min distance = 2.16942
PDE10_HUMAN	I	656964	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2OUN	1Y2C		Sc=5.69628, min distance = 2.92350
PDE10_HUMAN	I	656966	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2OUN	1Y2E		Sc=5.86942, min distance = 2.85869
PDE10_HUMAN	I	656969	1y	PDE4D_HUMAN	F1	6076	Cycl	2PW3	2OUR	1Y2K		Sc=6.01978, min distance = 2.11310
PDE10_HUMAN	I	656969	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2OUN	1Y2K		Sc=6.0336, min distance = 2.449857
PDE4A_HUMAN	I	5212	sild	PDE4B_HUMAN	F1	9999276	N	2QYL	2QYK	1XOS		Sc=6.24253, min distance = 2.17903
PDE4A_HUMAN	I	656964	1y	PDE4D_HUMAN	F1	9999276	N	2QYN	2QYK	1Y2C		Sc=5.74108, min distance = 2.77187
PDE4A_HUMAN	I	656965	1y	PDE4D_HUMAN	F1	9999276	N	2QYN	2QYK	1Y2D		Sc=5.76854, min distance = 2.73771
PDE4A_HUMAN	I	656966	1y	PDE4D_HUMAN	F1	9999276	N	2QYN	2QYK	1Y2E		Sc=5.90321, min distance = 2.47906
PDE4A_HUMAN	I	656968	1y	PDE4B_HUMAN	F1	9999276	N	2QYL	2QYK	1Y2H		Sc=5.76113, min distance = 2.49572
PDE4A_HUMAN	I	656969	1y	PDE4B_HUMAN	F1	9999276	N	2QYL	2QYK	1Y2J		Sc=6.05533, min distance = 2.39643
PDE4A_HUMAN	I	656969	1y	PDE4D_HUMAN	F1	9999276	N	2QYN	2QYK	1Y2K		Sc=6.06519, min distance = 2.53030
PDE4B_HUMAN	I	6804	guar	PDE10_HUMAN	F1	6083	aden	2OUN	1ROR	2OUQ	0.8	Sc=5.60666, min distance = 0
PDE5A_HUMAN	I	9578243	F	PDE4B_HUMAN	F1	5212	sild	1XOS	1TBF	1XLZ	34.97	Sc=6.10149, min distance = 2.05284
PDE6C_CHICK	I	6858240	C	KAP0_BOVIN	Fu:	24316	cyc	1RL3	3DBA	1NE6	0.79	Sc=6.24465, min distance = 2.02643
PDE7A_HUMAN	I	215436	1y	PDE4D_HUMAN	F1	3758	IBMX	1ZKN	1ZKL	1Y2B		Sc=5.78991, min distance = 2.19713
PDE7A_HUMAN	I	448055	Tc	PDE4D_HUMAN	F1	3758	IBMX	1ZKN	1ZKL	1Q9M		Sc=6.07096, min distance = 1.68203
PDE7A_HUMAN	I	656964	1y	PDE4D_HUMAN	F1	3758	IBMX	1ZKN	1ZKL	1Y2C		Sc=5.86799, min distance = 1.74389
PDE7A_HUMAN	I	656965	1y	PDE4D_HUMAN	F1	3758	IBMX	1ZKN	1ZKL	1Y2D		Sc=5.96442, min distance = 1.44118
PDE7A_HUMAN	I	656966	1y	PDE4D_HUMAN	F1	3758	IBMX	1ZKN	1ZKL	1Y2E		Sc=6.02133, min distance = 1.57855

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PDK2_HUMAN	Ft	11608401	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BU2	2UVY		Sc=6.0826, min distance = 2.233719
PDK2_HUMAN	Ft	11708454	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BU2	2VNW		Sc=6.05619, min distance = 2.179748
PDK2_HUMAN	Ft	11963552	HSP82_YEAST	Ft	6022	Aden	1AMW	2BU8	2IWU		Sc=6.16455, min distance = 2.851507
PDK2_HUMAN	Ft	15602982	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BU2	2UW6		Sc=5.95649, min distance = 2.444697
PDK2_HUMAN	Ft	24762195	KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BU2	2VO0		Sc=6.21316, min distance = 2.184363
PDK2_HUMAN	Ft	24832021	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2BU8	2QG0		Sc=6.35581, min distance = 2.210890
PDK2_HUMAN	Ft	440317	BCKD_RAT	Full	6022	Aden	1GKZ	2BU8	1GJV	0.99	Sc=5.65796, min distance = 2.772327
PDK2_HUMAN	Ft	447004	MYS2_DICDI	Fu	5957	Aden	1FMW	2BU2	1LVK		Sc=5.97545, min distance = 0
PDK2_HUMAN	Ft	447004	MYS2_DICDI	Fu	6022	Aden	1VOM	2BU8	1LVK		Sc=6.06208, min distance = 2.258132
PDK2_HUMAN	Ft	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BU8	1PXI		Sc=5.62352, min distance = 2.363242
PDK2_HUMAN	Ft	5327135	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BU8	2C6M		Sc=6.12055, min distance = 1.382559
PDK2_HUMAN	Ft	5327148	IPKA_RABIT	Fu	6022	Aden	1JBP	2BU8	2ERZ		Sc=6.05012, min distance = 2.082078
PDK2_HUMAN	Ft	6082103	HSP82_YEAST	Ft	6022	Aden	1AMW	2BU8	2BRC		Sc=6.304, min distance = 2.26515054
PDK2_HUMAN	Ft	6102787	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2BU8	2CCS		Sc=6.15882, min distance = 2.545664
PDK2_HUMAN	Ft	6323491	PDK3_HUMAN	Fu	5957	Aden	1Y8P	2BU2	2Q8I		Sc=6.29126, min distance = 2.646463
PDK2_HUMAN	Ft	6323491	PDK3_HUMAN	Fu	6022	Aden	1Y8O	2BU8	2Q8I		Sc=6.27438, min distance = 2.707834
PDK2_HUMAN	Ft	6323491	TOP6B_SULSH	Ft	6022	Aden	1Z5B	2BU8	2HKJ		Sc=6.28836, min distance = 2.424179
PDK2_HUMAN	Ft	8977	NDK_THET8	Ful	5957	Aden	1WKL	2BU2	1WKK	0.8	Sc=5.8325, min distance = 2.417707
PDK2_HUMAN	Ft	8977	O33839_THEMA	1	6022	Aden	1XJK	2BU8	1XJE	0.8	Sc=5.62736, min distance = 2.110182
PDK2_RAT	Ful	15993	PRIM_BPT7	Ful	33113	gar	1E0J	3CRL	1CR2	0.97	Sc=5.96944, min distance = 2.021176
PDK2_RAT	Ful	16058649	IGF1R_HUMAN	Ft	33113	gar	1JQH	3CRL	2OJ9		Sc=6.4202, min distance = 2.1210348
PDK2_RAT	Ful	188966	HSLU_ECOLI	Fu	33113	gar	1E94	3CRL	1G4A	0.97	Sc=5.84096, min distance = 1.936167
PDK2_RAT	Ful	24871491	INSR_HUMAN	Fu	33113	gar	1IR3	3CRL	2Z8C		Sc=6.09251, min distance = 2.206782
PDK2_RAT	Ful	24963048	AKT2_HUMAN	Fu	33113	gar	1O6L	3CRL	3E87		Sc=6.42568, min distance = 1.989600
PDK2_RAT	Ful	3547	ROCK1_HUMAN	Ft	33113	gar	2V55	3CRL	2ESM		Sc=5.81378, min distance = 2.054566
PDK2_RAT	Ful	448042	ROCK1_HUMAN	Ft	33113	gar	2V55	3CRL	2ETR		Sc=6.08504, min distance = 2.031827
PDK2_RAT	Ful	5327148	IPKA_RABIT	Fu	33113	gar	1CDK	3CRL	2ERZ		Sc=6.07421, min distance = 2.007924
PDK2_RAT	Ful	64968	RIR1_YEAST	Fu	33113	gar	2EUD	3CRL	2CVW		Sc=5.63093, min distance = 2.064363
PDK2_RAT	Ful	91532	CHEA_THEMA	Fu	33113	gar	1I59	3CRL	1I58	0.99	Sc=5.70447, min distance = 2.265287
PDK2_RAT	Ful	91532	IGF1R_HUMAN	Ft	33113	gar	1JQH	3CRL	1K3A	0.99	Sc=5.69229, min distance = 1.978534
PDK3_HUMAN	Ft	11175137	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1Y8P	2UW7		Sc=6.22872, min distance = 2.001409
PDK3_HUMAN	Ft	11608401	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1Y8P	2UVY		Sc=6.17654, min distance = 2.097179
PDK3_HUMAN	Ft	11963552	HSP82_YEAST	Ft	6022	Aden	1AMW	1Y8O	2IWU		Sc=6.18136, min distance = 2.068739
PDK3_HUMAN	Ft	15602983	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1Y8P	2UW5		Sc=6.12453, min distance = 2.010116
PDK3_HUMAN	Ft	16122635	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1Y8P	2UW8		Sc=5.68806, min distance = 2.140956
PDK3_HUMAN	Ft	188966	PAPS1_HUMAN	Ft	6022	Aden	1X6V	1Y8O	2PEZ	0.98	Sc=6.29831, min distance = 1.909763
PDK3_HUMAN	Ft	444564	MYS2_DICDI	Fu	5957	Aden	1FMW	1Y8P	1W9I	0.91	Sc=5.94862, min distance = 0

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PDK3_HUMAN	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1Y80	1HIY	0.97	Sc=5.91339, min distance = 1.932415
PDK3_HUMAN	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	1Y8P	1Q8T		Sc=6.01208, min distance = 2.028920
PDK3_HUMAN	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1Y8P	2V8Q	0.98	Sc=5.84034, min distance = 2.401521
PDK3_HUMAN	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1Y8P	2J9D	0.98	Sc=5.85522, min distance = 2.512556
PDK3_HUMAN	F1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Y80	1Y8Y		Sc=5.91238, min distance = 2.005881
PDK3_HUMAN	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1Y80	1QYE	0.89	Sc=5.95481, min distance = 2.298559
PDK3_HUMAN	F1	72194	2-C	ENPL_CANFA	Fu	6323491	M	1QY8	2Q8I	1QYE		Sc=6.02402, min distance = 2.843155
PDK3_HUMAN	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1Y80	2DXE	0.8	Sc=5.61573, min distance = 2.286347
PDK4_HUMAN	F1	11963551		HSP82_YEAST	F1	6022	Aden	1AMW	2ZKJ	2IWS		Sc=6.18391, min distance = 2.194296
PDK4_HUMAN	F1	11963552		HSP82_YEAST	F1	6022	Aden	1AMW	2ZKJ	2IWU		Sc=6.19952, min distance = 2.346524
PDK4_HUMAN	F1	16058649		IGF1R_HUMAN	F1	33113	gar	1JQH	2E0A	2OJ9		Sc=6.45577, min distance = 2.243407
PDK4_HUMAN	F1	16058668		HS90A_HUMAN	F1	6022	Aden	1BYQ	2ZKJ	2UWD		Sc=6.34406, min distance = 2.281284
PDK4_HUMAN	F1	164795	N	RBCMT_PEA	Fu	23831	HEP	1MLV	2ZDY	2H2J		Sc=5.65794, min distance = 2.211440
PDK4_HUMAN	F1	188966	da	HSLU_ECOLI	Fu	33113	gar	1E94	2E0A	1G4A	0.97	Sc=6.39408, min distance = 2.466319
PDK4_HUMAN	F1	24832021		HS90A_HUMAN	F1	6022	Aden	1BYQ	2ZKJ	2QG0		Sc=6.39776, min distance = 2.040564
PDK4_HUMAN	F1	24836816		HS90A_HUMAN	F1	6022	Aden	1BYQ	2ZKJ	3BMY		Sc=6.29747, min distance = 2.172421
PDK4_HUMAN	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2E0A	2ETK		Sc=6.04583, min distance = 2.113311
PDK4_HUMAN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2E0A	2ESM		Sc=5.94101, min distance = 2.005449
PDK4_HUMAN	F1	440317	AT	BCKD_RAT	Fu	6022	Aden	1GKZ	2ZKJ	1GJV	0.99	Sc=6.02593, min distance = 2.535604
PDK4_HUMAN	F1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	2ZKJ	1B99		Sc=6.2851, min distance = 1.9119547
PDK4_HUMAN	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2ZKJ	1GZ8		Sc=6.10631, min distance = 2.004528
PDK4_HUMAN	F1	446721	CI	ASSY_THET8	Fu	33113	gar	1KOR	2E0A	1KH2	0.93	Sc=6.03998, min distance = 2.084181
PDK4_HUMAN	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2ZKJ	1PXI		Sc=5.72751, min distance = 2.246978
PDK4_HUMAN	F1	448014	1c	GSK3B_HUMAN	F1	33113	gar	1J1B	2E0A	1Q5K		Sc=6.24738, min distance = 1.556961
PDK4_HUMAN	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2E0A	2ETR		Sc=6.09737, min distance = 2.181331
PDK4_HUMAN	F1	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	2E0A	3D9V		Sc=5.96917, min distance = 2.068809
PDK4_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2ZKJ	1H1R		Sc=6.26922, min distance = 1.853728
PDK4_HUMAN	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2E0A	1ZOE		Sc=5.64852, min distance = 2.811681
PDK4_HUMAN	F1	5327095	V	HS90A_HUMAN	F1	6022	Aden	1BYQ	2ZKJ	2BSM		Sc=6.39566, min distance = 2.407401
PDK4_HUMAN	F1	5327103	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	2ZKJ	2BYH		Sc=6.46646, min distance = 2.354200
PDK4_HUMAN	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2E0A	2ERZ		Sc=6.15459, min distance = 1.816232
PDK4_HUMAN	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2ZKJ	2ERZ		Sc=6.17987, min distance = 1.921760
PDK4_HUMAN	F1	5957	Ader	PDK2_HUMAN	Fu	6022	Aden	2BU8	2ZKJ	2BU2	0.99	Sc=6.04171, min distance = 2.627306
PDK4_HUMAN	F1	5957	Ader	PDK3_HUMAN	Fu	6022	Aden	1Y80	2ZKJ	1Y8P	0.99	Sc=6.03633, min distance = 2.610157
PDK4_HUMAN	F1	5957	Ader	SP2AA_BACST	F1	6022	Aden	1TH8	2ZKJ	1TID	0.99	Sc=6.03455, min distance = 2.482925
PDK4_HUMAN	F1	6082103	2	HSP82_YEAST	F1	6022	Aden	1AMW	2ZKJ	2BRC		Sc=6.32659, min distance = 2.438716
PDK4_HUMAN	F1	6102787	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	2ZKJ	2CCS		Sc=6.19023, min distance = 2.430011

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PDK4_HUMAN	Ft	6102788	2	HS90A_HUMAN	Ft	6022	Aden	1BYQ	2ZKJ	2CCT		Sc=6.37661, min distance = 2.219230
PDK4_HUMAN	Ft	6323491	M	ENPL_CANFA	Fu	33113	gar	2O1U	2E0A	1QY8		Sc=6.27533, min distance = 2.158310
PDK4_HUMAN	Ft	6323491	M	HSP82_YEAST	Ft	6022	Aden	1AMW	2ZKJ	1BGQ		Sc=6.28937, min distance = 2.056460
PDK4_HUMAN	Ft	6323491	M	PDK3_HUMAN	Fu	6022	Aden	1Y8O	2ZKJ	2Q8I		Sc=6.28649, min distance = 2.528910
PDK4_HUMAN	Ft	6323491	M	TOP6B_SULSH	Ft	6022	Aden	1Z5B	2ZKJ	2HKJ		Sc=6.3116, min distance = 2.1199680
PDK4_HUMAN	Ft	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2ZKJ	2DXF	0.8	Sc=5.90339, min distance = 2.225240
PDK4_HUMAN	Ft	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2ZKJ	1QYE	0.89	Sc=6.06405, min distance = 2.471720
PDK4_HUMAN	Ft	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2ZKJ	2DXE	0.8	Sc=5.98206, min distance = 2.278840
PDK4_HUMAN	Ft	8977	1dar	O33839_THEMEA	I	6022	Aden	1XJK	2ZKJ	1XJE	0.8	Sc=5.99931, min distance = 2.032120
PDLI1_HUMAN	I	91420	5-T	ACES_MOUSE	Fu	8200	TETR	2H9Y	2PKT	2HA0		Sc=5.63521, min distance = 1.970010
PDPK1_HUMAN	I	10109823		PIM1_HUMAN	Fu	2396	bisi	1XWS	1UU8	3CY3	25.47	Sc=6.34836, min distance = 2.444120
PDPK1_HUMAN	I	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	1OKY	3DDP	29.3	Sc=6.49125, min distance = 2.282080
PDPK1_HUMAN	I	11175137		KAPCA_BOVIN	Ft	444345	1c	1STC	1OKY	2UW7	39.18	Sc=6.1707, min distance = 2.5718060
PDPK1_HUMAN	I	11314340		KAPCA_BOVIN	Ft	444345	1c	1STC	1OKY	2UZT	39.18	Sc=6.32121, min distance = 2.272220
PDPK1_HUMAN	I	11314340		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BIY	2UZT	39.18	Sc=6.29536, min distance = 2.159470
PDPK1_HUMAN	I	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	1OKY	2E9U	33.65	Sc=6.22185, min distance = 2.277980
PDPK1_HUMAN	I	11348631		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1OKZ	2E9U	33.65	Sc=6.31376, min distance = 2.478180
PDPK1_HUMAN	I	11553058		LCK_HUMAN	Fu	444345	1c	1QPD	1OKY	2OF2	26.62	Sc=6.16344, min distance = 2.770520
PDPK1_HUMAN	I	11608401		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BIY	2UVY	39.18	Sc=6.05633, min distance = 2.443260
PDPK1_HUMAN	I	11696113		KAPCA_BOVIN	Ft	444345	1c	1STC	1OKY	2VO3	39.18	Sc=6.31184, min distance = 2.393490
PDPK1_HUMAN	I	11708454		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BIY	2VNW	39.18	Sc=6.0788, min distance = 2.4258100
PDPK1_HUMAN	I	11957393		FAK1_HUMAN	Fu	5957	Aden	2IJM	2BIY	2ETM	23.95	Sc=6.2159, min distance = 1.9146410
PDPK1_HUMAN	I	11986115		PIM1_HUMAN	Fu	444345	1c	1YHS	1OKY	2BZJ	25.47	Sc=6.28258, min distance = 2.014800
PDPK1_HUMAN	I	129236	2c	CKI1_SCHPO	Fu	5957	Aden	1CSN	2BIY	2CSN		Sc=5.76343, min distance = 2.659230
PDPK1_HUMAN	I	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1OKY	1H1Q	29.3	Sc=6.23388, min distance = 2.928140
PDPK1_HUMAN	I	1540	1h1c	CDK2_HUMAN	Fu	72271	7-H	1PKD	1OKZ	1H1Q	29.3	Sc=6.33258, min distance = 2.547770
PDPK1_HUMAN	I	15602982		KAPCA_BOVIN	Ft	444345	1c	1STC	1OKY	2UW6	39.18	Sc=6.02719, min distance = 2.732150
PDPK1_HUMAN	I	15602982		KAPCA_BOVIN	Ft	5957	Aden	1Q24	2BIY	2UW6	39.18	Sc=6.02504, min distance = 2.729200
PDPK1_HUMAN	I	15602983		KAPCA_BOVIN	Ft	444345	1c	1STC	1OKY	2UW5	39.18	Sc=6.08775, min distance = 2.683150
PDPK1_HUMAN	I	15991572		LCK_HUMAN	Fu	444345	1c	1QPD	1OKY	2OF4	26.62	Sc=6.12483, min distance = 2.466750
PDPK1_HUMAN	I	160355	rc	CDK2_HUMAN	Fu	444345	1c	1AQ1	1OKY	3DDQ	29.3	Sc=6.14352, min distance = 2.717880
PDPK1_HUMAN	I	160355	rc	CDK2_HUMAN	Fu	72271	7-H	1PKD	1OKZ	3DDQ	29.3	Sc=6.26424, min distance = 2.422500
PDPK1_HUMAN	I	16113377		CDK2_HUMAN	Fu	72271	7-H	1PKD	1OKZ	2W17	29.3	Sc=6.39761, min distance = 1.725050
PDPK1_HUMAN	I	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	1OKY	2YWP	33.65	Sc=6.26794, min distance = 2.228640
PDPK1_HUMAN	I	16122643		CHK1_HUMAN	Fu	72271	7-H	1NVQ	1OKZ	2YWP	33.65	Sc=6.27029, min distance = 2.485400
PDPK1_HUMAN	I	16214823		CDK2_HUMAN	Fu	444345	1c	1AQ1	1OKY	2UZB	29.3	Sc=6.08768, min distance = 1.865560
PDPK1_HUMAN	I	16214823		CDK2_HUMAN	Fu	72271	7-H	1PKD	1OKZ	2UZB	29.3	Sc=6.08768, min distance = 2.124900

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PDPK1_HUMAN	1	16214825	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2UZE	29.3	Sc=6.24503, min distance = 2.769675		
PDPK1_HUMAN	1	16214826	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2UZL	29.3	Sc=6.12765, min distance = 2.296831		
PDPK1_HUMAN	1	16214826	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2UZL	29.3	Sc=6.13282, min distance = 2.340981		
PDPK1_HUMAN	1	16214827	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2UZN	29.3	Sc=6.09246, min distance = 2.480520		
PDPK1_HUMAN	1	16214828	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2UZO	29.3	Sc=6.07173, min distance = 2.192827		
PDPK1_HUMAN	1	16214828	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2UZO	29.3	Sc=6.08984, min distance = 2.255668		
PDPK1_HUMAN	1	1707	1fvt	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1FVT	29.3	Sc=6.20726, min distance = 1.968156	
PDPK1_HUMAN	1	1907917	2	CHK1_HUMAN	Fu: 444345	1c	1NVR	1OKY	2CGW	33.65	Sc=6.0777, min distance = 2.910414	
PDPK1_HUMAN	1	23653515	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2R3F	29.3	Sc=5.9833, min distance = 2.519651		
PDPK1_HUMAN	1	23653515	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3F	29.3	Sc=5.99449, min distance = 2.381284		
PDPK1_HUMAN	1	23653516	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3G	29.3	Sc=6.23002, min distance = 1.976414		
PDPK1_HUMAN	1	23653519	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3K	29.3	Sc=6.19004, min distance = 2.181307		
PDPK1_HUMAN	1	23653520	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3L	29.3	Sc=6.18711, min distance = 2.044806		
PDPK1_HUMAN	1	23653521	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2R3M	29.3	Sc=6.38895, min distance = 2.422119		
PDPK1_HUMAN	1	23653521	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3M	29.3	Sc=6.32676, min distance = 2.320049		
PDPK1_HUMAN	1	23653522	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2R3N	29.3	Sc=6.14197, min distance = 2.295889		
PDPK1_HUMAN	1	23653524	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3P	29.3	Sc=6.18257, min distance = 2.050850		
PDPK1_HUMAN	1	23653526	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2R3R	29.3	Sc=6.09239, min distance = 1.981391		
PDPK1_HUMAN	1	23657800	CHK1_HUMAN	Fu: 444345	1c	1NVR	1OKY	2E9P	33.65	Sc=6.25403, min distance = 2.077250		
PDPK1_HUMAN	1	23657800	CHK1_HUMAN	Fu: 72271	7-H	1NVQ	1OKZ	2E9P	33.65	Sc=6.25637, min distance = 2.358841		
PDPK1_HUMAN	1	23727982	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	3BHU	29.3	Sc=6.22933, min distance = 2.611869		
PDPK1_HUMAN	1	23727982	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	3BHU	29.3	Sc=6.2384, min distance = 1.775162		
PDPK1_HUMAN	1	24180721	PIM1_HUMAN	Fu: 2396	bisi	1XWS	1UU8	3C4E	25.47	Sc=5.97287, min distance = 2.442019		
PDPK1_HUMAN	1	24752838	CHK1_HUMAN	Fu: 444345	1c	1NVR	1OKY	2QHM	33.65	Sc=6.03075, min distance = 3.042327		
PDPK1_HUMAN	1	24752838	CHK1_HUMAN	Fu: 72271	7-H	1NVQ	1OKZ	2QHM	33.65	Sc=6.04155, min distance = 2.920054		
PDPK1_HUMAN	1	24901723	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2W06	29.3	Sc=6.16251, min distance = 2.352262		
PDPK1_HUMAN	1	24901723	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2W06	29.3	Sc=6.2457, min distance = 2.302529		
PDPK1_HUMAN	1	24905143	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	1OKY	2V4L	29.3	Sc=6.08853, min distance = 3.034162		
PDPK1_HUMAN	1	24905144	PK3CG_HUMAN	Fu: 444345	1c	1E8Z	1OKY	3ENE	29.3	Sc=6.18136, min distance = 2.531017		
PDPK1_HUMAN	1	24916751	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	3DOG	29.3	Sc=6.13732, min distance = 2.901079		
PDPK1_HUMAN	1	24916751	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	3DOG	29.3	Sc=6.24915, min distance = 2.674092		
PDPK1_HUMAN	1	24963049	KAPCA_BOVIN	Fu: 444345	1c	1STC	1OKY	3E8E	39.18	Sc=6.64642, min distance = 1.969231		
PDPK1_HUMAN	1	25021197	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	3EOC	29.3	Sc=6.21402, min distance = 2.473591		
PDPK1_HUMAN	1	33113	gar	IRAK4_HUMAN	Fu: 444345	1c	2NRY	1OKY	2OID	38.55	Sc=5.6905, min distance = 2.094995	
PDPK1_HUMAN	1	3540	1yds	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2BIY	1YDS	39.18	Sc=5.83015, min distance = 2.732629	
PDPK1_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2BIY	1Q8W	39.18	Sc=5.89549, min distance = 2.630202	
PDPK1_HUMAN	1	36735	Gpp	Q9RVK2_DEIRA	1	5957	Aden	1SU2	2BIY	1SZ3	0.8	Sc=6.43826, min distance = 2.045521

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PDPK1_HUMAN	1	4369136	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1DM2	29.3	Sc=6.16474, min distance = 2.874029
PDPK1_HUMAN	1	4369136	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1DM2	29.3	Sc=6.21983, min distance = 2.553463
PDPK1_HUMAN	1	444564	BIOD_ECOLI	Fu: 5957	Aden	1A82	2BIY	1BS1	0.91	Sc=5.86312, min distance = 2.240554
PDPK1_HUMAN	1	444852	ATPA1_BOVIN	Fu: 5957	Aden	2V7Q	2BIY	1COW	0.91	Sc=5.96189, min distance = 1.688765
PDPK1_HUMAN	1	444852	ATPB_BOVIN	Fu: 5957	Aden	2V7Q	2BIY	1COW	0.91	Sc=5.96168, min distance = 1.929569
PDPK1_HUMAN	1	445840	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1GII	29.3	Sc=6.29501, min distance = 2.187994
PDPK1_HUMAN	1	446704	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1KE6	29.3	Sc=6.22853, min distance = 2.797918
PDPK1_HUMAN	1	446704	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1KE6	29.3	Sc=6.33398, min distance = 2.145707
PDPK1_HUMAN	1	447649	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1OI9	29.3	Sc=6.38755, min distance = 2.455404
PDPK1_HUMAN	1	447654	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1OIT	29.3	Sc=6.13824, min distance = 2.278944
PDPK1_HUMAN	1	447655	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1OIU	29.3	Sc=6.25142, min distance = 2.919340
PDPK1_HUMAN	1	447655	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1OIU	29.3	Sc=6.26271, min distance = 2.595348
PDPK1_HUMAN	1	447656	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1OII	29.3	Sc=6.4613, min distance = 2.403577
PDPK1_HUMAN	1	447962	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2C5N	29.3	Sc=6.11074, min distance = 2.470623
PDPK1_HUMAN	1	447962	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C5N	29.3	Sc=6.10119, min distance = 2.496265
PDPK1_HUMAN	1	448043	KAPCA_BOVIN	Fu: 444345	1c	1STC	1OKY	1Q8U	39.18	Sc=5.9518, min distance = 2.823306
PDPK1_HUMAN	1	448043	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2BIY	1Q8U	39.18	Sc=5.95606, min distance = 2.596740
PDPK1_HUMAN	1	448170	LCK_HUMAN	Fu: 444345	1c	1QPD	1OKY	1QPC	26.62	Sc=5.86419, min distance = 2.213155
PDPK1_HUMAN	1	449240	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2BIY	1YDR	39.18	Sc=5.89549, min distance = 2.704396
PDPK1_HUMAN	1	4565	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1H1R	29.3	Sc=6.22641, min distance = 2.972956
PDPK1_HUMAN	1	4565	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1H1R	29.3	Sc=5.99259, min distance = 2.716207
PDPK1_HUMAN	1	4566	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1H1S	29.3	Sc=6.26593, min distance = 2.201397
PDPK1_HUMAN	1	4566	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1H1S	29.3	Sc=6.27842, min distance = 2.667328
PDPK1_HUMAN	1	5281680	PIM1_HUMAN	Fu: 444345	1c	1YHS	1OKY	2O64	25.47	Sc=6.39441, min distance = 2.558277
PDPK1_HUMAN	1	5288016	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2B53	29.3	Sc=5.86249, min distance = 2.248249
PDPK1_HUMAN	1	5288016	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2B53	29.3	Sc=6.14598, min distance = 2.408363
PDPK1_HUMAN	1	5288708	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1KE5	29.3	Sc=6.1181, min distance = 1.954189
PDPK1_HUMAN	1	5288710	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1KE7	29.3	Sc=6.31804, min distance = 2.486863
PDPK1_HUMAN	1	5288710	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1KE7	29.3	Sc=6.33224, min distance = 2.469485
PDPK1_HUMAN	1	5327121	PIM1_HUMAN	Fu: 444345	1c	1YHS	1OKY	2C3I	25.47	Sc=6.10167, min distance = 2.623815
PDPK1_HUMAN	1	5327123	CHK1_HUMAN	Fu: 444345	1c	1NVR	1OKY	2C3L	33.65	Sc=6.13569, min distance = 2.503262
PDPK1_HUMAN	1	5327130	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C68	29.3	Sc=6.19484, min distance = 2.043105
PDPK1_HUMAN	1	5327131	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C69	29.3	Sc=6.24458, min distance = 2.127846
PDPK1_HUMAN	1	5327133	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C6K	29.3	Sc=6.31163, min distance = 2.265735
PDPK1_HUMAN	1	5327135	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C6M	29.3	Sc=6.2375, min distance = 2.324668
PDPK1_HUMAN	1	5331010	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2BKZ	29.3	Sc=6.19059, min distance = 2.505216
PDPK1_HUMAN	1	5331010	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2BKZ	29.3	Sc=6.2054, min distance = 2.501929

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PDPK1_HUMAN	1	5494414	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2A0C	29.3	Sc=6.40015, min distance = 2.112280	
PDPK1_HUMAN	1	5687	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1DI8	29.3	Sc=6.22317, min distance = 2.548270	
PDPK1_HUMAN	1	6022	BIOD_ECOLI	Fu: 5957	Aden	1A82	2BIY	1DAD	0.99	Sc=5.85826, min distance = 2.531670	
PDPK1_HUMAN	1	6022	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	2BIY	2JA3	0.99	Sc=6.32679, min distance = 2.161520	
PDPK1_HUMAN	1	6022	HSP7F_YEAST	Fu: 5957	Aden	3D2F	2BIY	3C7N	0.99	Sc=5.92647, min distance = 2.388310	
PDPK1_HUMAN	1	6022	MUTS_ECOLI	Fu: 5957	Aden	1W7A	2BIY	1OH7	0.99	Sc=5.85951, min distance = 1.949340	
PDPK1_HUMAN	1	6022	SKY1_YEAST	Fu: 5957	Aden	1Q97	2BIY	1Q8Y	27.5	0.99 Sc=5.86285, min distance = 2.249820	
PDPK1_HUMAN	1	6022	Y059_METJA	Fu: 5957	Aden	2J9C	2BIY	2J9D	0.99	Sc=5.86827, min distance = 2.417740	
PDPK1_HUMAN	1	6083	ASSY_THET8	Fu: 5957	Aden	1J1Z	2BIY	1J20	0.98	Sc=6.29882, min distance = 1.526120	
PDPK1_HUMAN	1	6083	PURP_METJA	Fu: 5957	Aden	2R7L	2BIY	2R7M	0.98	Sc=6.23033, min distance = 2.735800	
PDPK1_HUMAN	1	6083	PURP_PYRFU	Fu: 5957	Aden	2R86	2BIY	2R85	0.98	Sc=5.81796, min distance = 2.574380	
PDPK1_HUMAN	1	6083	Y059_METJA	Fu: 5957	Aden	2J9C	2BIY	2J9D	0.98	Sc=5.78538, min distance = 2.463710	
PDPK1_HUMAN	1	60961	PIM1_HUMAN	Fu: 444345	1c	1YHS	1OKY	1YI4	25.47	Sc=6.12606, min distance = 2.186110	
PDPK1_HUMAN	1	6102670	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1YKR	29.3	Sc=6.25726, min distance = 2.174050	
PDPK1_HUMAN	1	6420138	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2UUE	29.3	Sc=6.2584, min distance = 2.0576320	
PDPK1_HUMAN	1	6420138	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2UUE	29.3	Sc=6.26075, min distance = 2.560080	
PDPK1_HUMAN	1	6420139	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C5V	29.3	Sc=6.11253, min distance = 2.404660	
PDPK1_HUMAN	1	6420140	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2C5Y	29.3	Sc=6.45592, min distance = 2.171650	
PDPK1_HUMAN	1	6539118	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1FVV	29.3	Sc=6.33188, min distance = 2.110180	
PDPK1_HUMAN	1	6540273	CHK1_HUMAN	Fu: 444345	1c	1NVR	1OKY	2CGV	33.65	Sc=6.15251, min distance = 2.708150	
PDPK1_HUMAN	1	656971	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	1Y8Y	29.3	Sc=6.01336, min distance = 2.400600	
PDPK1_HUMAN	1	656971	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	1Y8Y	29.3	Sc=6.02151, min distance = 2.299470	
PDPK1_HUMAN	1	657072	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	2BHH	29.3	Sc=6.42603, min distance = 2.483040	
PDPK1_HUMAN	1	6830	Q381M1_9TRYP	1	5957	Aden	2Q0D	2BIY	2Q0E	0.8	Sc=5.91273, min distance = 2.385190
PDPK1_HUMAN	1	6852207	KAPCA_BOVIN	Fu: 444345	1c	1STC	1OKY	2GNI	39.18	Sc=5.91243, min distance = 2.278440	
PDPK1_HUMAN	1	91532	INSR_HUMAN	Fu: 5957	Aden	3BU5	2BIY	1I44	24.38	0.99 Sc=5.95775, min distance = 2.154080	
PDPK1_HUMAN	1	9549254	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	2IW6	29.3	Sc=6.44308, min distance = 2.138370	
PDPK1_HUMAN	1	9817550	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1OKY	3BHV	29.3	Sc=6.34034, min distance = 2.504390	
PDPK1_HUMAN	1	9817550	CDK2_HUMAN	Fu: 72271	7-H	1PKD	1OKZ	3BHV	29.3	Sc=6.32732, min distance = 1.926700	
PDR_BURCE	Fu:	5326566	BLVRB_HUMAN	Fu: 444243	FA	1HE4	2PIA	1HE5	0.82	Sc=6.33577, min distance = 2.705980	
PDX3_YEAST	Fu:	5326566	BLVRB_HUMAN	Fu: 444243	FA	1HE4	1CIO	1HE5	0.82	Sc=6.05144, min distance = 2.618210	
PDX3_YEAST	Fu:	5326566	Q9WZW1_THEMA	1	444243	FA	1T6Y	1CIO	0.82	Sc=6.15983, min distance = 2.677930	
PDXB_PSEAE	Fu:	11957403	INHA_MYCTU	Fu: 5893	nadi	2H7I	2O4C	2H7M		Sc=6.02129, min distance = 2.000970	
PDXB_PSEAE	Fu:	11987786	LDH_PLAFD	Fu: 5893	nadi	1T2D	2O4C	1T2E	0.77	Sc=6.31186, min distance = 2.633330	
PDXB_PSEAE	Fu:	123927	Q9GT92_CRYPV	1	5893	nadi	2FM3	2O4C	0.97	Sc=6.32316, min distance = 2.456110	
PDXB_PSEAE	Fu:	439153	ADH1E_HORSE	Fu: 5893	nadi	1MGO	2O4C	2JHF	0.79	Sc=6.30628, min distance = 2.473690	
PDXB_PSEAE	Fu:	439153	CTBP1_RAT	Fu: 5893	nadi	1HKU	2O4C	1HL3	0.79	Sc=6.75575, min distance = 2.003730	

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PDXB_PSEAE	F1	440516	CI	MDH_THETH	Fu1	5893	nadi	1BMD	2O4C	1BDM	0.79	Sc=6.33674, min distance = 2.579026
PDXB_PSEAE	F1	445794	AD	ADHX_HUMAN	Fu1	5893	nadi	2FZW	2O4C	2FZE		Sc=6.14151, min distance = 2.857674
PDXH_ECOLI	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	1DNL	1HE5	0.82	Sc=6.13555, min distance = 2.565331
PDXH_ECOLI	F1	5326566	1	Q9WZWI_THEMEA	1	444243	FA	1T6Y	1DNL	1S4M	0.82	Sc=6.18679, min distance = 2.022756
PDXJ_ECOLI	F1	1983	acet	PA28_DABRR	Fu1	439162	gl	1Y38	1IXO	2DPZ		Sc=5.88541, min distance = 0.986300
PDXJ_ECOLI	F1	332	4-vir	PA28_DABRR	Fu1	439162	gl	1Y38	1IXO	2QU9		Sc=5.60726, min distance = 2.175422
PDXJ_ECOLI	F1	668	Glyce	CGGR_BACSU	Fu1	439162	gl	2OKG	1IXO	3BXF	0.76	Sc=5.61353, min distance = 1.887530
PDXJ_ECOLI	F1	7478	p-Ar	PA28_DABRR	Fu1	439162	gl	1Y38	1IXO	1SV3		Sc=5.69643, min distance = 1.553997
PDXK_ECOLI	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2DDO	2UVY		Sc=6.20364, min distance = 2.281166
PDXK_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2DDO	1Q8W		Sc=5.89708, min distance = 2.346116
PDXK_ECOLI	F1	448043	2c	KAPCA_BOVIN	F1	5957	Aden	1Q24	2DDO	1Q8U		Sc=6.00229, min distance = 2.006795
PDXK_ECOLI	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2DDO	1YDR		Sc=5.92505, min distance = 2.144502
PDXK_ECOLI	F1	6022	Ader	FAK1_HUMAN	Fu1	5957	Aden	2IJM	2DDO	1MP8	0.99	Sc=5.83958, min distance = 2.541994
PDXK_ECOLI	F1	6022	Ader	Y059_METJA	Fu1	5957	Aden	2J9C	2DDO	2J9D	0.99	Sc=5.8788, min distance = 2.3167738
PDXK_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2DDO	2GNI		Sc=5.92505, min distance = 2.445841
PDXK_ECOLI	F1	91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	2DDO	2Z09	0.99	Sc=5.94191, min distance = 2.287356
PDXK_HUMAN	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2YXU	2UVY		Sc=6.17797, min distance = 2.337129
PDXK_HUMAN	F1	11957393		FAK1_HUMAN	Fu1	5957	Aden	2IJM	2YXU	2ETM		Sc=6.37359, min distance = 1.873834
PDXK_HUMAN	F1	129236	2c	CKI1_SCHPO	Fu1	5957	Aden	1CSN	2YXU	2CSN		Sc=5.77165, min distance = 2.166028
PDXK_HUMAN	F1	16040273		IRAK4_HUMAN	F1	33113	gar	2OID	2AJP	2OIC		Sc=6.36357, min distance = 1.161744
PDXK_HUMAN	F1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	2AJP	2PVH		Sc=6.143, min distance = 2.13635039
PDXK_HUMAN	F1	24779675		CSK2A_MAIZE	F1	33113	gar	1LP4	2AJP	2PVJ		Sc=6.31512, min distance = 1.872082
PDXK_HUMAN	F1	24779676		CSK2A_MAIZE	F1	33113	gar	1LP4	2AJP	2PVK		Sc=6.22288, min distance = 2.025427
PDXK_HUMAN	F1	24779677		CSK2A_MAIZE	F1	33113	gar	1LP4	2AJP	2PVL		Sc=6.28836, min distance = 1.896475
PDXK_HUMAN	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2AJP	2ETK		Sc=6.01208, min distance = 2.081362
PDXK_HUMAN	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YXU	1YDS		Sc=5.83721, min distance = 1.935883
PDXK_HUMAN	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YXU	1Q8W		Sc=5.91836, min distance = 2.136241
PDXK_HUMAN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2AJP	2ESM		Sc=5.90944, min distance = 2.204825
PDXK_HUMAN	F1	440317	AT	PURT_ECOLI	Fu1	5957	Aden	1KJ8	2YXU	1KJJ	0.99	Sc=5.98123, min distance = 1.158041
PDXK_HUMAN	F1	444345	1c	IRAK4_HUMAN	F1	33113	gar	2OID	2AJP	2NRY		Sc=6.36297, min distance = 1.206723
PDXK_HUMAN	F1	444564	AD	BIOD_ECOLI	Fu1	5957	Aden	1A82	2YXU	1BS1	0.91	Sc=5.848, min distance = 2.55132651
PDXK_HUMAN	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2YXU	1COW	0.91	Sc=6.42272, min distance = 1.826430
PDXK_HUMAN	F1	448005	CI	GSK3B_HUMAN	F1	33113	gar	1J1B	2AJP	1Q3W		Sc=6.20063, min distance = 2.618631
PDXK_HUMAN	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YXU	1Q8T		Sc=6.01356, min distance = 1.948314
PDXK_HUMAN	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2AJP	2ETR		Sc=5.99448, min distance = 2.129136
PDXK_HUMAN	F1	448043	2c	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YXU	1Q8U		Sc=6.00003, min distance = 2.156365
PDXK_HUMAN	F1	448043	2c	ROCK1_HUMAN	F1	33113	gar	2V55	2AJP	3D9V		Sc=5.96255, min distance = 2.192314

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PDXK_HUMAN	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YXU	1YDR		Sc=5.91243, min distance = 2.118130
PDXK_HUMAN	F1	456214	pu	SRC_HUMAN	Fu1	33113	gar	2SRC	2AJP	1YOM		Sc=6.38365, min distance = 1.489571
PDXK_HUMAN	F1	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2AJP	1UV5		Sc=6.16734, min distance = 2.272184
PDXK_HUMAN	F1	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2AJP	1Q41		Sc=6.23585, min distance = 2.462248
PDXK_HUMAN	F1	5327121	I	PIM1_HUMAN	Fu1	33113	gar	1XR1	2AJP	2C3I		Sc=6.13822, min distance = 2.556314
PDXK_HUMAN	F1	5327148	C	IPKA_RABIT	Fu1	33113	gar	1CDK	2AJP	2ERZ		Sc=6.15325, min distance = 2.164812
PDXK_HUMAN	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	2YXU	1IHU	0.99	Sc=5.89903, min distance = 2.481609
PDXK_HUMAN	F1	6022	Ader	BIOD_ECOLI	Fu1	5957	Aden	1A82	2YXU	1DAD	0.99	Sc=5.85954, min distance = 2.367919
PDXK_HUMAN	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	2YXU	2JA3	0.99	Sc=5.95286, min distance = 1.672948
PDXK_HUMAN	F1	6022	Ader	DDL_THET8	Fu1	5957	Aden	2ZDQ	2YXU	2ZDH	0.99	Sc=5.90232, min distance = 2.040086
PDXK_HUMAN	F1	6022	Ader	KTHY_HUMAN	Fu1	5957	Aden	1E2Q	2YXU	1NN3	0.99	Sc=5.85406, min distance = 2.026790
PDXK_HUMAN	F1	6022	Ader	MUTS_ECOLI	Fu1	5957	Aden	1W7A	2YXU	1OH7	0.99	Sc=5.88807, min distance = 2.559652
PDXK_HUMAN	F1	6022	Ader	PURP_METJA	Fu1	5957	Aden	2R7L	2YXU	2R7N	0.99	Sc=5.8653, min distance = 2.195465
PDXK_HUMAN	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	2YXU	2BEJ	0.99	Sc=5.87548, min distance = 2.185556
PDXK_HUMAN	F1	6022	Ader	RK_BOVIN	Fu1	5957	Aden	3C4W	2YXU	3C4Z	0.99	Sc=5.86071, min distance = 2.464552
PDXK_HUMAN	F1	6022	Ader	Y059_METJA	Fu1	5957	Aden	2J9C	2YXU	2J9D	0.99	Sc=6.3392, min distance = 2.644000
PDXK_HUMAN	F1	6083	ader	Y059_METJA	Fu1	5957	Aden	2J9C	2YXU	2J9D	0.98	Sc=6.23405, min distance = 2.296999
PDXK_HUMAN	F1	6176	Cyti	PYRI_ECOLI	Fu1	5957	Aden	7AT1	2YXU	2FZC		Sc=5.92217, min distance = 1.408800
PDXK_HUMAN	F1	6338562	C	MYS2_DICDI	Fu1	5957	Aden	1FMW	2YXU	1D0Y		Sc=6.15714, min distance = 0
PDXK_HUMAN	F1	6338563	C	MYS2_DICDI	Fu1	33113	gar	1MMN	2AJP	1D0Z		Sc=6.18879, min distance = 2.496262
PDXK_HUMAN	F1	6830	guar	Q381M1_9TRYP	I	5957	Aden	2Q0D	2YXU	2Q0E	0.8	Sc=5.98112, min distance = 2.048441
PDXK_HUMAN	F1	91532	AME	KIF1A_MOUSE	F1	33113	gar	1VFV	2AJP	1I6I	0.99	Sc=6.0153, min distance = 1.985071
PDXK_HUMAN	F1	91532	AME	NIFH1_AZOVI	F1	5957	Aden	2C8V	2YXU	2AFK	0.99	Sc=6.01611, min distance = 1.992422
PDXK_HUMAN	F1	9549303	2	STK6_HUMAN	Fu1	33113	gar	2DWB	2AJP	2NP8		Sc=6.51111, min distance = 1.795040
PDXK_SHEEP	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1LHR	2VNW		Sc=6.0788, min distance = 2.021045
PDXK_SHEEP	F1	129236	2c	CKI1_SCHPO	Fu1	5957	Aden	1CSN	1LHR	2CSN		Sc=5.78761, min distance = 2.073996
PDXK_SHEEP	F1	1540	1h1c	CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	1H1Q	0.76	Sc=6.32677, min distance = 2.094186
PDXK_SHEEP	F1	16046126		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2DS1		Sc=6.32223, min distance = 2.033521
PDXK_SHEEP	F1	16214823		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2UZB		Sc=6.06947, min distance = 2.290707
PDXK_SHEEP	F1	16214825		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2UZE		Sc=6.24634, min distance = 2.393254
PDXK_SHEEP	F1	16214826		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2UZL		Sc=6.12458, min distance = 2.115136
PDXK_SHEEP	F1	16214827		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2UZN		Sc=5.95702, min distance = 2.403372
PDXK_SHEEP	F1	16214830		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2V0D		Sc=5.86101, min distance = 2.539544
PDXK_SHEEP	F1	1707	1fvt	CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	1FVT		Sc=6.06269, min distance = 2.148519
PDXK_SHEEP	F1	23653516		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	2R3G		Sc=6.23771, min distance = 2.095114
PDXK_SHEEP	F1	23727981		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	3BHT		Sc=6.17768, min distance = 2.289734
PDXK_SHEEP	F1	23727982		CDK2_HUMAN	Fu1	160355	rc	3DDQ	1YGK	3BHU		Sc=6.22933, min distance = 2.245024

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PDXK_SHEEP	F1	24864077	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	2VTN		Sc=6.2226, min distance = 2.3091229
PDXK_SHEEP	F1	24864078	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	2VTO		Sc=6.30614, min distance = 2.455570
PDXK_SHEEP	F1	24864080	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	2VTR		Sc=5.87387, min distance = 2.544000
PDXK_SHEEP	F1	24916751	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	3DOG	0.8	Sc=6.36182, min distance = 2.201650
PDXK_SHEEP	F1	25021197	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	3EOC		Sc=6.34759, min distance = 2.076467
PDXK_SHEEP	F1	2608	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1JSV		Sc=5.88718, min distance = 1.600050
PDXK_SHEEP	F1	33113	IGF1R_HUMAN	F1 91532 AMF 1K3A	1RFT	1JQH	0.99	Sc=5.9636, min distance = 2.1212180
PDXK_SHEEP	F1	33113	MURC_HAEIN	Fu: 91532 AMF 1GQY	1RFT	1P3D	0.99	Sc=5.90466, min distance = 2.108295
PDXK_SHEEP	F1	33113	PURT_ECOLI	Fu: 91532 AMF 1KJI	1RFT	1EYZ	0.99	Sc=5.95143, min distance = 2.331436
PDXK_SHEEP	F1	3540	KAPCA_BOVIN	F1 5957 Aden 1Q24	1LHR	1YDS		Sc=5.81956, min distance = 2.188750
PDXK_SHEEP	F1	3547	KAPCA_BOVIN	F1 5957 Aden 1Q24	1LHR	1Q8W		Sc=5.89549, min distance = 2.309664
PDXK_SHEEP	F1	443200	ACK1_HUMAN	Fu: 91532 AMF 1U54	1RFT	1U4D		Sc=5.73924, min distance = 2.063902
PDXK_SHEEP	F1	444564	BIOD_ECOLI	Fu: 5957 Aden 1A82	1LHR	1BS1	0.91	Sc=5.85289, min distance = 2.122082
PDXK_SHEEP	F1	444564	BIOD_ECOLI	Fu: 91532 AMF 1DAG	1RFT	1BS1	0.91	Sc=5.85224, min distance = 2.149377
PDXK_SHEEP	F1	444564	MYS2_DICDI	Fu: 5957 Aden 1FMW	1LHR	1W9I	0.91	Sc=5.84665, min distance = 0
PDXK_SHEEP	F1	445840	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1GII		Sc=6.27806, min distance = 2.027041
PDXK_SHEEP	F1	445840	CDK2_HUMAN	Fu: 6022 Aden 1GY3	1RFU	1GII		Sc=6.31734, min distance = 1.944816
PDXK_SHEEP	F1	445940	CDK2_HUMAN	Fu: 6022 Aden 1GY3	1RFU	1GZ8		Sc=6.10488, min distance = 2.081136
PDXK_SHEEP	F1	445966	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1H0V		Sc=6.10946, min distance = 2.121520
PDXK_SHEEP	F1	446704	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1KE6		Sc=6.23088, min distance = 2.231066
PDXK_SHEEP	F1	447649	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1OI9		Sc=6.32903, min distance = 2.072890
PDXK_SHEEP	F1	447652	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1OIQ	0.77	Sc=6.16783, min distance = 1.911200
PDXK_SHEEP	F1	447654	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1OIT		Sc=6.2186, min distance = 1.6322564
PDXK_SHEEP	F1	447840	PHKG1_RABIT	F1 5957 Aden 1QL6	1LHR	1PHK		Sc=5.93013, min distance = 2.338170
PDXK_SHEEP	F1	447956	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	2C5O		Sc=5.87048, min distance = 2.003800
PDXK_SHEEP	F1	447962	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	2C5N		Sc=6.0933, min distance = 2.2726999
PDXK_SHEEP	F1	447967	CDK2_HUMAN	Fu: 6022 Aden 1GY3	1RFU	1PYE		Sc=6.35384, min distance = 1.728314
PDXK_SHEEP	F1	448005	GSK3B_HUMAN	F1 6022 Aden 1J1C	1RFU	1Q3W		Sc=6.28487, min distance = 2.110112
PDXK_SHEEP	F1	448042	KAPCA_BOVIN	F1 5957 Aden 1Q24	1LHR	1Q8T		Sc=5.9768, min distance = 2.0172389
PDXK_SHEEP	F1	448043	KAPCA_BOVIN	F1 5957 Aden 1Q24	1LHR	1Q8U		Sc=5.98219, min distance = 2.207940
PDXK_SHEEP	F1	449088	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1VYZ		Sc=6.06514, min distance = 2.013148
PDXK_SHEEP	F1	449240	KAPCA_BOVIN	F1 5957 Aden 1Q24	1LHR	1YDR		Sc=5.89401, min distance = 1.980594
PDXK_SHEEP	F1	4564	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1E1V		Sc=6.13938, min distance = 2.135320
PDXK_SHEEP	F1	4565	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1H1R		Sc=6.3212, min distance = 2.1252768
PDXK_SHEEP	F1	4565	CDK2_HUMAN	Fu: 6022 Aden 1GY3	1RFU	1H1R		Sc=6.39144, min distance = 2.531482
PDXK_SHEEP	F1	4566	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	1H1S		Sc=6.36505, min distance = 1.823600
PDXK_SHEEP	F1	5287845	CDK2_HUMAN	Fu: 160355 rc 3DDQ	1YGK	2BHE		Sc=6.18391, min distance = 2.371730

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PDXK_SHEEP	F1	5288017	1	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2B55		Sc=6.42305, min distance = 2.144400
PDXK_SHEEP	F1	5288017	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1RFU	2B55		Sc=6.56087, min distance = 2.231340
PDXK_SHEEP	F1	5288708	1	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	1KE5		Sc=6.0978, min distance = 2.2228840
PDXK_SHEEP	F1	5288710	0	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	1KE7		Sc=6.29044, min distance = 1.939060
PDXK_SHEEP	F1	5326843	7	CDK5_HUMAN	Fu:	160355	rc	1UNL	1YGK	1UNG		Sc=6.17606, min distance = 2.150440
PDXK_SHEEP	F1	5326844	0	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	1URW		Sc=6.42988, min distance = 2.237980
PDXK_SHEEP	F1	5327097	2	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2BTS		Sc=5.86216, min distance = 1.852800
PDXK_SHEEP	F1	5327124	0	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2C4G		Sc=6.2322, min distance = 2.1918730
PDXK_SHEEP	F1	5327131	1	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2C69		Sc=6.14047, min distance = 2.103570
PDXK_SHEEP	F1	5327134	0	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2C6L		Sc=6.32739, min distance = 2.178950
PDXK_SHEEP	F1	5331010	0	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2BKZ		Sc=6.28521, min distance = 2.147850
PDXK_SHEEP	F1	5687	1di8	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	1DI8		Sc=6.09896, min distance = 2.065250
PDXK_SHEEP	F1	6338561	0	MYS2_DICDI	Fu:	6022	Aden	1VOM	1RFU	1D0X		Sc=6.22685, min distance = 2.282420
PDXK_SHEEP	F1	6338564	0	MYS2_DICDI	Fu:	6022	Aden	1VOM	1RFU	1D1A		Sc=6.30402, min distance = 2.171570
PDXK_SHEEP	F1	6420138	2	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2UUE		Sc=6.27341, min distance = 2.056800
PDXK_SHEEP	F1	6420139	0	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2C5V		Sc=6.09286, min distance = 2.253980
PDXK_SHEEP	F1	656971	CI	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	1Y8Y		Sc=5.90344, min distance = 2.131660
PDXK_SHEEP	F1	680935	py	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2VTL		Sc=5.95481, min distance = 2.103490
PDXK_SHEEP	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1LHR	2Q0E	0.8	Sc=5.95327, min distance = 2.115690
PDXK_SHEEP	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1LHR	2GNI		Sc=5.88721, min distance = 2.248660
PDXK_SHEEP	F1	6918710	5	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	3EJ1		Sc=6.09574, min distance = 2.277030
PDXK_SHEEP	F1	9547890	1	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	1W8C		Sc=6.22288, min distance = 2.481240
PDXK_SHEEP	F1	9547890	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1RFU	1W8C		Sc=6.13953, min distance = 1.786230
PDXK_SHEEP	F1	9926933	1	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2VTI		Sc=6.1463, min distance = 2.1499130
PDXK_SHEEP	F1	9994066	4	CDK2_HUMAN	Fu:	160355	rc	3DDQ	1YGK	2VTJ		Sc=5.89422, min distance = 2.346710
PDXT_BACSU	F1	33032	L-g	SYQ_ECOLI	Fu:	5961	L-gl	1ZJW	2NV2	100C	0.84	Sc=5.745, min distance = 1.85403070
PECR_HUMAN	F1	100684	9-	RICI_RICCO	Fu:	190	adeni	2P8N	1YXM	1IL4		Sc=5.84332, min distance = 2.607150
PECR_HUMAN	F1	11979	5-M	COBT_SALTY	Fu:	190	adeni	1JH8	1YXM	1JHM		Sc=5.65339, min distance = 2.066190
PECR_HUMAN	F1	446312	1i	RICI_RICCO	Fu:	190	adeni	2P8N	1YXM	1IL9		Sc=5.87327, min distance = 2.635210
PECR_HUMAN	F1	5287547	6	PURR_ECOLI	Fu:	190	adeni	2PUB	1YXM	2PUA	0.9	Sc=5.7552, min distance = 2.8403320
PECR_HUMAN	F1	5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	1YXM	1S2I	0.93	Sc=5.71776, min distance = 1.651620
PECR_HUMAN	F1	764	guani	PURR_ECOLI	Fu:	190	adeni	2PUB	1YXM	1WET		Sc=5.81408, min distance = 2.347620
PECR_HUMAN	F1	76635	4,5	COBT_SALTY	Fu:	190	adeni	1JH8	1YXM	1L4F		Sc=5.64738, min distance = 2.080920
PECR_HUMAN	F1	96253	7-D	RICI_RICCO	Fu:	190	adeni	2P8N	1YXM	1IL3		Sc=5.83634, min distance = 2.545130
PEM1_PHACH	F1	11957363		HBA_HUMAN	Fu:	444124	HE	1NQP	1YYD	1RQA	0.81	Sc=6.81473, min distance = 2.171080
PEM1_PHACH	F1	11957363		HBB_HUMAN	Fu:	444124	HE	1NQP	1YYD	1RQA	0.81	Sc=6.81934, min distance = 2.110620
PEM1_PHACH	F1	11957370		HMOX1_HUMAN	F1	444124	HE	1OZW	1YYD	1TWN		Sc=6.65823, min distance = 2.017110

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PEM1_PHACH	F1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	1YYD	1TWR		Sc=6.67228, min distance = 1.943819
PEM1_PHACH	F1	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1YYD	2CMM		Sc=6.23298, min distance = 2.417399
PEM1_PHACH	F1	4369001	HBA_HUMAN	Ful	444124	HE	1NQP	1YYD	4HHB	0.8	Sc=6.73703, min distance = 2.017434
PEM1_PHACH	F1	444207	HBB_HORSE	Ful	444124	HE	1Y8I	1YYD	2ZLW	0.99	Sc=6.81333, min distance = 1.522289
PEM1_PHACH	F1	444207	PER_COPCI	Ful	444124	HE	1LY9	1YYD	1LY8	0.99	Sc=6.78352, min distance = 2.175041
PEM1_PHACH	F1	444522	BFR_ECOLI	Ful	444124	HE	1BFR	1YYD	1BCF	0.99	Sc=6.81771, min distance = 2.036789
PEM1_PHACH	F1	444522	HBA_PAGBE	Ful	444124	HE	1S5X	1YYD	1PBX	0.99	Sc=6.77454, min distance = 2.523889
PEM1_PHACH	F1	446189	HBG1_HUMAN	Ful	444124	HE	1I3E	1YYD	1I3D	0.89	Sc=6.81395, min distance = 2.134374
PER1A_ARMRU	I	11957330	CCPR_YEAST	Ful	444098	HE	2EUT	7ATJ	1BEQ	0.81	Sc=6.76289, min distance = 2.035121
PER1A_ARMRU	I	11957363	HBA_HUMAN	Ful	444124	HE	1NQP	1W4W	1RQA	0.81	Sc=6.76846, min distance = 2.027089
PER1A_ARMRU	I	11957363	HBB_HUMAN	Ful	444098	HE	1J40	7ATJ	1RQA	0.77	Sc=6.72039, min distance = 1.880449
PER1A_ARMRU	I	11957363	HBB_HUMAN	Ful	444124	HE	1NQP	1W4W	1RQA	0.81	Sc=6.72501, min distance = 2.316109
PER1A_ARMRU	I	11957370	HMOX1_HUMAN	F1	444124	HE	1OZW	1W4W	1TWN		Sc=6.66445, min distance = 1.922239
PER1A_ARMRU	I	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	1W4W	1TWR		Sc=6.66002, min distance = 2.359409
PER1A_ARMRU	I	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	7ATJ	2CMM		Sc=6.2149, min distance = 2.4334589
PER1A_ARMRU	I	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1W4W	2CMM		Sc=6.0997, min distance = 2.2774654
PER1A_ARMRU	I	11970219	CCPR_YEAST	Ful	444098	HE	2EUT	7ATJ	1BEM	0.83	Sc=6.72103, min distance = 2.060719
PER1A_ARMRU	I	11970242	CCPR_YEAST	Ful	444098	HE	2EUT	7ATJ	1CPE	0.83	Sc=6.71759, min distance = 2.140319
PER1A_ARMRU	I	126994	CCPR_YEAST	Ful	444098	HE	2EUT	7ATJ	1Z53	0.77	Sc=6.76109, min distance = 2.641789
PER1A_ARMRU	I	4369228	PER_COPCI	Ful	444124	HE	1LY9	1W4W	1LYC	0.95	Sc=6.81233, min distance = 1.826532
PER1A_ARMRU	I	444097	HBA_HUMAN	Ful	444124	HE	1NQP	1W4W	1RPS	0.95	Sc=6.76983, min distance = 2.102241
PER1A_ARMRU	I	444207	PER_COPCI	Ful	444124	HE	1LY9	1W4W	1LY8	0.99	Sc=6.77383, min distance = 2.029939
PER1A_ARMRU	I	446348	HBA_HUMAN	Ful	444124	HE	1NQP	1W4W	1IRD	0.9	Sc=6.76919, min distance = 1.939324
PER1A_ARMRU	I	447168	CCPR_YEAST	Ful	444098	HE	2EUT	7ATJ	1ML2	0.82	Sc=6.76704, min distance = 2.035117
PER1A_ARMRU	I	6420167	CPXA_PSEPU	Ful	444124	HE	1RE9	1W4W	2FE6	0.89	Sc=6.76704, min distance = 2.010939
PER1_ARAHY	F1	11957353	HBA_HORSE	Ful	444124	HE	1Y8I	1SCH	1IWH	0.87	Sc=6.74967, min distance = 2.033414
PER1_ARAHY	F1	11957353	HBB_HORSE	Ful	444124	HE	1Y8I	1SCH	1IWH	0.87	Sc=6.76325, min distance = 1.945459
PER1_ARAHY	F1	11957370	HMOX1_HUMAN	F1	444124	HE	1OZW	1SCH	1TWN		Sc=6.5966, min distance = 1.9364371
PER1_ARAHY	F1	11957371	HMOX1_HUMAN	F1	444124	HE	1OZW	1SCH	1TWR		Sc=6.60687, min distance = 2.075524
PER1_ARAHY	F1	11957373	CATE_ECOLI	Ful	444124	HE	1IPH	1SCH	1P81	0.79	Sc=6.75246, min distance = 1.964674
PER1_ARAHY	F1	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1SCH	2CMM		Sc=6.07823, min distance = 2.288179
PER1_ARAHY	F1	444207	COX1_THET8	Ful	444124	HE	1EHK	1SCH	2QPE	0.99	Sc=6.75596, min distance = 2.117759
PER1_ARAHY	F1	444522	GLB1_GLYDI	Ful	444124	HE	1JF3	1SCH	1HBG	0.99	Sc=6.73855, min distance = 2.062524
PER1_ARAHY	F1	444522	HBA_PAGBE	Ful	444124	HE	1S5X	1SCH	1PBX	0.99	Sc=6.71185, min distance = 2.188769
PER53_ARATH	I	11957353	HBB_HORSE	Ful	444124	HE	1Y8I	1QO4	1IWH	0.87	Sc=6.76554, min distance = 1.907057
PER53_ARATH	I	11957363	HBB_HUMAN	Ful	444124	HE	1NQP	1QO4	1RQA	0.81	Sc=6.71622, min distance = 1.651517
PER53_ARATH	I	11957365	CCPR_YEAST	Ful	444098	HE	2EUT	1PA2	1S73	0.8	Sc=6.80259, min distance = 2.002099

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PER53_ARATH	1	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	1QO4	1TWN			Sc=6.59477, min distance = 2.007150
PER53_ARATH	1	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1QO4	1TWR			Sc=6.60737, min distance = 2.173280
PER53_ARATH	1	11957373	CATE_ECOLI	Fu	444124	HE	1IPH	1QO4	1P81	0.79		Sc=6.7621, min distance = 2.114881
PER53_ARATH	1	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	1PA2	2CMM			Sc=6.10166, min distance = 2.456490
PER53_ARATH	1	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	1QO4	2CMM			Sc=6.09395, min distance = 2.348030
PER53_ARATH	1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	1PA2	1BEM	0.83		Sc=6.72131, min distance = 2.072620
PER53_ARATH	1	11970222	CCPR_YEAST	Fu	444098	HE	2EUT	1PA2	1BJ9	0.77		Sc=6.83004, min distance = 2.005740
PER53_ARATH	1	11970242	CCPR_YEAST	Fu	444098	HE	2EUT	1PA2	1CPE	0.83		Sc=6.76109, min distance = 2.147140
PER53_ARATH	1	126994	CCPR_YEAST	Fu	444098	HE	2EUT	1PA2	1Z53	0.77		Sc=6.7578, min distance = 2.698170
PER53_ARATH	1	444522	GLB1_GLYDI	Fu	444124	HE	1JF3	1QO4	1HBG	0.99		Sc=6.75286, min distance = 2.020650
PER53_ARATH	1	444522	HBB_PAGBE	Fu	444124	HE	1S5X	1QO4	1PBX	0.99		Sc=6.76456, min distance = 2.109530
PER53_ARATH	1	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	1QO4	1I3D	0.89		Sc=6.76035, min distance = 1.378580
PER53_ARATH	1	447168	CCPR_YEAST	Fu	444098	HE	2EUT	1PA2	1ML2	0.82		Sc=6.79842, min distance = 2.043880
PER59_ARATH	1	11957353	HBB_HORSE	Fu	444124	HE	1Y8I	1QGJ	1IWH	0.87		Sc=6.7578, min distance = 2.105445
PER59_ARATH	1	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	1QGJ	1S13	0.86		Sc=6.65936, min distance = 1.906870
PER59_ARATH	1	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1QGJ	1TWR			Sc=6.60268, min distance = 2.219740
PER59_ARATH	1	11957385	MYG_PHYCA	Fu	444124	HE	1U7R	1QGJ	2CMM			Sc=6.07504, min distance = 2.433370
PER59_ARATH	1	4369228	PER_COPCI	Fu	444124	HE	1LY9	1QGJ	1LYC	0.95		Sc=6.76109, min distance = 1.968010
PER59_ARATH	1	444207	PER_COPCI	Fu	444124	HE	1LY9	1QGJ	1LY8	0.99		Sc=6.75363, min distance = 2.229490
PER59_ARATH	1	444522	HBA_PAGBE	Fu	444124	HE	1S5X	1QGJ	1PBX	0.99		Sc=6.74967, min distance = 2.130470
PER59_ARATH	1	444522	HBB_PAGBE	Fu	444124	HE	1S5X	1QGJ	1PBX	0.99		Sc=6.75697, min distance = 1.978700
PER59_ARATH	1	444522	NOSO_BACSU	Fu	444124	HE	2AN0	1QGJ	2FC1	0.99		Sc=6.7479, min distance = 2.259306
PER59_ARATH	1	446189	HBG1_HUMAN	Fu	444124	HE	1I3E	1QGJ	1I3D	0.89		Sc=6.75246, min distance = 1.556530
PERL_BOVIN	Fu	11957353	HBA_HORSE	Fu	444098	HE	2D5X	2NQX	1IWH	0.83		Sc=6.75956, min distance = 2.050870
PERL_BOVIN	Fu	16741061	MYG_PHYCA	Fu	444207	He	1VXG	2QRB	1MBC	0.87		Sc=6.47831, min distance = 0
PERL_BOVIN	Fu	16741062	MYG_PHYCA	Fu	444098	HE	1A6M	2NQX	1MBN	0.84		Sc=6.44201, min distance = 2.048940
PERL_BOVIN	Fu	16741062	MYG_PHYCA	Fu	444207	He	1VXG	2QRB	1MBN	0.88		Sc=6.43667, min distance = 0
PERL_BOVIN	Fu	4369122	GLB1_LUCPE	Fu	444098	HE	1FLP	2NQX	1BOB	0.96		Sc=6.44689, min distance = 2.213050
PERL_BOVIN	Fu	4369136	GLB_APLLI	Fu	444207	He	3MBA	2QRB	1DM1	0.89		Sc=6.75934, min distance = 0
PERL_BOVIN	Fu	444124	HBB_HORSE	Fu	444207	He	2ZLW	2QRB	1Y8I	0.99		Sc=6.43263, min distance = 0
PERL_BOVIN	Fu	444522	HBB_HORSE	Fu	444207	He	2ZLW	2QRB	1Y8K	1		Sc=6.43002, min distance = 0
PERL_BOVIN	Fu	444522	MYG_PHYCA	Fu	444207	He	1VXG	2QRB	1VXD	1		Sc=6.4441, min distance = 0
PERL_BOVIN	Fu	444668	MYG_PHYCA	Fu	444207	He	1VXG	2QRB	1BVD	0.84		Sc=6.49609, min distance = 0
PERM_HUMAN	Fu	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	1MYP	2CMM			Sc=6.2296, min distance = 2.084480
PER_COPCI	Fu	11957330	CCPR_YEAST	Fu	444207	He	2CCP	1LY8	1BEQ	25.37	0.84	Sc=6.63327, min distance = 2.314360
PER_COPCI	Fu	11957360	CYB_BOVIN	Fu	444522	HE	1BGY	1H3J	1NTM		0.78	Sc=6.60932, min distance = 2.296070
PER_COPCI	Fu	11957361	CYB_BOVIN	Fu	444522	HE	1BGY	1H3J	1NTZ		0.84	Sc=6.52521, min distance = 2.113400

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PER_COPCI	Fu: 11957363	HBA_HUMAN	Ful: 444522	HE 2DN1	1H3J	1RQA	0.81	Sc=6.67764, min distance = 2.250762
PER_COPCI	Fu: 11957363	HBB_HUMAN	Ful: 444124	HE 1NQP	1LY9	1RQA	0.81	Sc=6.74445, min distance = 2.013631
PER_COPCI	Fu: 11957363	HBB_HUMAN	Ful: 444522	HE 2DN1	1H3J	1RQA	0.81	Sc=6.68534, min distance = 1.457490
PER_COPCI	Fu: 11957365	CCPR_YEAST	Fu: 444207	He 2CCP	1LY8	1S73	25.37 0.83	Sc=6.6966, min distance = 2.273208
PER_COPCI	Fu: 11957365	CCPR_YEAST	Fu: 444522	HE 3E2O	1H3J	1S73	25.37 0.83	Sc=6.62679, min distance = 2.224165
PER_COPCI	Fu: 11957370	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1LY9	1TWN		Sc=6.5024, min distance = 2.257504
PER_COPCI	Fu: 11957371	HMOX1_HUMAN	Fu: 444124	HE 1OZW	1LY9	1TWR		Sc=6.50339, min distance = 2.628601
PER_COPCI	Fu: 11957385	MYG_PHYCA	Ful: 444124	HE 1U7R	1LY9	2CMM		Sc=6.06276, min distance = 2.419465
PER_COPCI	Fu: 11957385	MYG_PHYCA	Ful: 444207	He 1VXG	1LY8	2CMM		Sc=6.02833, min distance = 2.717125
PER_COPCI	Fu: 11957385	MYG_PHYCA	Ful: 444522	HE 1VXD	1H3J	2CMM		Sc=5.82905, min distance = 2.717870
PER_COPCI	Fu: 11970219	CCPR_YEAST	Fu: 444522	HE 3E2O	1H3J	1BEM	25.37 0.87	Sc=6.5404, min distance = 2.572233
PER_COPCI	Fu: 11970221	CCPR_YEAST	Fu: 444207	He 2CCP	1LY8	1BES	25.37 0.87	Sc=6.63278, min distance = 2.255522
PER_COPCI	Fu: 11970221	CCPR_YEAST	Fu: 444522	HE 3E2O	1H3J	1BES	25.37 0.87	Sc=6.53669, min distance = 2.439582
PER_COPCI	Fu: 11970242	CCPR_YEAST	Fu: 444207	He 2CCP	1LY8	1CPE	25.37 0.87	Sc=6.6311, min distance = 2.423891
PER_COPCI	Fu: 11987718	CCPR_YEAST	Fu: 444522	HE 3E2O	1H3J	1KOK	25.37 0.86	Sc=6.62445, min distance = 2.477952
PER_COPCI	Fu: 126994	CCPR_YEAST	Fu: 444522	HE 3E2O	1H3J	1Z53	25.37 0.81	Sc=6.61752, min distance = 2.828691
PER_COPCI	Fu: 16741062	MYG_PHYCA	Ful: 444207	He 1VXG	1LY8	1MBN	0.88	Sc=6.62009, min distance = 1.988551
PER_COPCI	Fu: 16741062	MYG_PHYCA	Ful: 444522	HE 1VXD	1H3J	1MBN	0.88	Sc=6.66174, min distance = 2.144668
PER_COPCI	Fu: 16741183	MYG_PHYCA	Ful: 444207	He 1VXG	1LY8	2EKT	0.93	Sc=6.48383, min distance = 2.492684
PER_COPCI	Fu: 16741183	MYG_PHYCA	Ful: 444522	HE 1VXD	1H3J	2EKT	0.93	Sc=6.35596, min distance = 2.543901
PER_COPCI	Fu: 4369001	HBA_HUMAN	Ful: 444522	HE 2DN1	1H3J	4HHB	0.81	Sc=6.68043, min distance = 2.070931
PER_COPCI	Fu: 444044	CCPR_YEAST	Fu: 444207	He 2CCP	1LY8	1DSE	25.37 0.99	Sc=6.6311, min distance = 2.810287
PER_COPCI	Fu: 446332	MYG_PHYCA	Ful: 444124	HE 1U7R	1LY9	1IOP	0.8	Sc=6.55168, min distance = 2.179301
PER_COPCI	Fu: 446348	HBA_HUMAN	Ful: 444124	HE 1NQP	1LY9	1IRD	0.9	Sc=6.74602, min distance = 2.141596
PER_COPCI	Fu: 447168	CCPR_YEAST	Fu: 444522	HE 3E2O	1H3J	1ML2	25.37 0.86	Sc=6.68085, min distance = 2.668796
PER_COPCI	Fu: 448845	CCPR_YEAST	Fu: 444207	He 2CCP	1LY8	2B11	25.37 0.99	Sc=6.63508, min distance = 2.201697
PFLB_ECOLI	Fu: 24832019	ACES_TORCA	Fu: 8200	TETR 1DX6	1H16	2J3Q		Sc=5.7563, min distance = 2.457876
PFLB_ECOLI	Fu: 854023	Q8WSF8_APLCA	Fu: 8200	TETR 2BYN	1H16	2BYQ		Sc=6.03257, min distance = 1.140907
PGAM1_HUMAN	Fu: 11957399	PYRB_ECOLI	Fu: 311 citri	1R0B	1YFK	2H3E		Sc=6.11556, min distance = 1.257402
PGAM1_HUMAN	Fu: 39981	PYRB_ECOLI	Fu: 311 citri	1R0B	1YFK	1EKX		Sc=6.12267, min distance = 1.174884
PGAM1_HUMAN	Fu: 439459	NIFD_KLEPN	Fu: 311 citri	1H1L	1YFK	1QGU	0.92	Sc=5.97406, min distance = 2.517995
PGAM1_HUMAN	Fu: 439459	NIFK_KLEPN	Fu: 311 citri	1H1L	1YFK	1QGU	0.92	Sc=5.97221, min distance = 2.504521
PGAM1_HUMAN	Fu: 445905	AROQ_HELPHY	Fu: 311 citri	2C4V	1YFK	2C57		Sc=5.82648, min distance = 1.972940
PGAM1_HUMAN	Fu: 51	SERA_ECOLI	Fu: 311 citri	2P9E	1YFK	1YBA	0.76	Sc=5.75384, min distance = 0.998682
PGDH_HUMAN	Fu: 15942690	INHA_MYCTU	Fu: 5893 nadi	2H7I	2GDZ	2NTJ		Sc=6.45724, min distance = 2.087621
PGDH_HUMAN	Fu: 16741204	INHA_MYCTU	Fu: 5893 nadi	2H7I	2GDZ	2IDZ	0.91	Sc=6.43294, min distance = 2.235871
PGDH_HUMAN	Fu: 169266	GALE_HUMAN	Fu: 5893 nadi	1HZJ	2GDZ	1I3K	0.79	Sc=6.79971, min distance = 2.103295

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PGDH_HUMAN	F1	439153	D1	GALE_ECOLI	Fu	5893	nadi	1UDC	2GDZ	1UDB	0.79	Sc=6.79849, min distance = 2.080210
PGDH_HUMAN	F1	439153	D1	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	2GDZ	1V35	0.79	Sc=6.79349, min distance = 2.099847
PGDH_HUMAN	F1	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	2GDZ	2NV6	0.93	Sc=6.87572, min distance = 2.149600
PGH1_SHEEP	F1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	2OYU	2CMM		Sc=6.304, min distance = 2.84068190
PGH1_SHEEP	F1	11957385		MYG_PHYCA	Ful	444522	HE	1VXD	1CQE	2CMM		Sc=6.32581, min distance = 2.021470
PGH1_SHEEP	F1	445463	B-	OPSD_BOVIN	Fu	62852	B-C	3DQB	1Q4G	3CAP	0.98	Sc=6.20222, min distance = 0.982397
PGH1_SHEEP	F1	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2OYU	1UOZ	0.77	Sc=5.7012, min distance = 2.0151980
PGH1_SHEEP	F1	446406	C2	MYG_PHYCA	Ful	444098	HE	1A6M	2OYU	1J3F		Sc=6.36932, min distance = 2.451594
PGH1_SHEEP	F1	8158	Pela	ALBU_HUMAN	Fu	338	salic	2I2Z	1PTH	1E7E		Sc=5.69297, min distance = 0.672380
PGH1_SHEEP	F1	8631	3, 5-	ALBU_HUMAN	Fu	39912	ibu	2BXG	1EQG	2BXL		Sc=5.6049, min distance = 2.5136907
PGH2_MOUSE	F1	119346	3,	TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	2GAB		Sc=5.75276, min distance = 1.912477
PGH2_MOUSE	F1	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	3PGH	2CMM		Sc=6.18194, min distance = 2.454070
PGH2_MOUSE	F1	16741062		MYG_PHYCA	Ful	444124	HE	1U7R	3PGH	1MBN	0.87	Sc=6.7039, min distance = 2.4695060
PGH2_MOUSE	F1	20284644		TTHY_HUMAN	Fu	3033	dicl	1DVX	1PXX	2QGC		Sc=5.98563, min distance = 1.590930
PGH2_MOUSE	F1	23722944		TTHY_HUMAN	Fu	3033	dicl	1DVX	1PXX	2QGE		Sc=5.82384, min distance = 2.157640
PGH2_MOUSE	F1	23722944		TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	2QGE		Sc=5.83929, min distance = 1.892350
PGH2_MOUSE	F1	25011739		TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	3CN0		Sc=5.84031, min distance = 1.885410
PGH2_MOUSE	F1	39912	ibu	ALBU_HUMAN	Fu	3715	indc	2BXK	4COX	2BXG		Sc=6.02823, min distance = 1.002580
PGH2_MOUSE	F1	4369228	C	PER_COPCI	Ful	444124	HE	1LY9	3PGH	1LYC	0.95	Sc=6.72306, min distance = 1.858910
PGH2_MOUSE	F1	4369477	I	TTHY_HUMAN	Fu	3033	dicl	1DVX	1PXX	1U21	0.78	Sc=6.08948, min distance = 1.082170
PGH2_MOUSE	F1	4369477	I	TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	1U21		Sc=6.11544, min distance = 1.192000
PGH2_MOUSE	F1	444044	CI	GLB1_SCAIN	Fu	444124	HE	1JZL	3PGH	2R4X	1	Sc=6.66216, min distance = 2.438540
PGH2_MOUSE	F1	444207	He	PER_COPCI	Ful	444124	HE	1LY9	3PGH	1LY8	0.99	Sc=6.72156, min distance = 2.308200
PGH2_MOUSE	F1	444207	He	PRXC_CALFU	Fu	444124	HE	2CPO	3PGH	1CPO	0.99	Sc=6.7023, min distance = 2.1426580
PGH2_MOUSE	F1	444522	HE	MYG_PIG	Full=I	444124	HE	1MYH	3PGH	1MNI	0.99	Sc=6.66429, min distance = 2.291090
PGH2_MOUSE	F1	444637	DE	BACR_HALSA	Fu	185698	al	1IW6	1CVU	1BRR		Sc=6.00667, min distance = 0.604470
PGH2_MOUSE	F1	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	3PGH	1I3D	0.89	Sc=6.7235, min distance = 2.0381530
PGH2_MOUSE	F1	446406	C2	MYG_PHYCA	Ful	444124	HE	1U7R	3PGH	1J3F		Sc=6.23655, min distance = 2.466630
PGH2_MOUSE	F1	5287495	2	TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	2B77		Sc=6.06823, min distance = 2.480940
PGH2_MOUSE	F1	5288193	2	TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	2B9A	0.87	Sc=5.93976, min distance = 1.825127
PGH2_MOUSE	F1	5327159	2	TTHY_HUMAN	Fu	72099	flu	1DVT	3PGH	2F7I	0.87	Sc=5.9194, min distance = 2.2772570
PGIP2_PHAVU	I	10450114		DPP4_HUMAN	Fu	444205	CI	3BJM	1OGQ	2IIV		Sc=6.09465, min distance = 2.130660
PGIP2_PHAVU	I	11987831		TRFL_BOVIN	Fu	444205	CI	2G93	1OGQ	2DWJ		Sc=5.67712, min distance = 2.258910
PGK1_HUMAN	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	2ZGV	1HIY	0.97	Sc=5.94779, min distance = 1.646710
PGK1_HUMAN	F1	447550	ph	TPIS_TRYBB	Fu	439183	1i	1IIH	3C39	4TIM	1	Sc=5.63988, min distance = 2.179910
PGK1_HUMAN	F1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	2ZGV	1QY5	0.81	Sc=6.28929, min distance = 2.014370
PGK1_HUMAN	F1	449139	CI	TPIS_PLAFA	Fu	439183	1i	1M7O	3C39	1WOA	0.86	Sc=5.63198, min distance = 1.605790

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PGK1_HUMAN	Ft	8582	Inos	RNAS1_BOVIN	Ft	6022	Aden	100H	2ZGV	1Z6D	0.79	Sc=6.34466, min distance = 1.819076
PGK1_HUMAN	Ft	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2ZGV	2ZGY	0.8	Sc=5.82078, min distance = 1.788422
PGK1_PIG	Ful	11175137		KAPCA_BOVIN	Ft	5957	Aden	1Q24	1VJD	2UW7		Sc=6.19736, min distance = 2.493375
PGK1_PIG	Ful	15602983		KAPCA_BOVIN	Ft	5957	Aden	1Q24	1VJD	2UW5		Sc=6.14859, min distance = 2.514610
PGK1_PIG	Ful	16122635		KAPCA_BOVIN	Ft	5957	Aden	1Q24	1VJD	2UW8		Sc=5.64806, min distance = 2.438435
PGK1_PIG	Ful	439278	ph	GPMI_BACST	Fu	439183	li	1EJJ	1HDI	1O98	1	Sc=5.64399, min distance = 2.287422
PGK1_PIG	Ful	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1VJD	1BS1	0.91	Sc=5.98372, min distance = 2.075553
PGK1_PIG	Ful	447550	ph	TPIS_TRYBB	Fu	439183	li	1IIH	1HDI	4TIM	1	Sc=5.60617, min distance = 2.238794
PGK1_PIG	Ful	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1VJD	1ZTF	0.94	Sc=6.20256, min distance = 2.608149
PGK1_PIG	Ful	6022	Ader	HSP7F_YEAST	Ft	5957	Aden	3D2F	1VJD	3C7N	0.99	Sc=6.45463, min distance = 2.118915
PGK1_PIG	Ful	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1VJD	2J9D	0.99	Sc=6.44051, min distance = 1.572104
PGK1_PIG	Ful	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1VJD	2VII	0.98	Sc=6.34124, min distance = 2.570608
PGK1_PIG	Ful	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1VJD	2J9D	0.98	Sc=6.35183, min distance = 2.306937
PGK2_MOUSE	Ft	439278	ph	GPMI_BACST	Fu	439183	li	1EJJ	2P9T	1O98	1	Sc=5.64399, min distance = 2.300702
PGK2_MOUSE	Ft	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2PAA	1BS1	0.91	Sc=5.92436, min distance = 2.174289
PGK2_MOUSE	Ft	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2PAA	1W9I	0.91	Sc=6.37789, min distance = 0
PGK2_MOUSE	Ft	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	2PAA	1COW	0.91	Sc=6.02986, min distance = 2.051389
PGK2_MOUSE	Ft	447550	ph	TPIS_TRYBB	Fu	439183	li	1IIH	2P9T	4TIM	1	Sc=5.63131, min distance = 2.251406
PGK2_MOUSE	Ft	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	2PAA	1ZTF	0.94	Sc=6.18169, min distance = 2.306322
PGK2_MOUSE	Ft	6022	Ader	ARSA1_ECOLX	Ft	5957	Aden	1II0	2PAA	1IHU	0.99	Sc=6.38867, min distance = 1.977089
PGK2_MOUSE	Ft	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	2PAA	1DAD	0.99	Sc=5.92707, min distance = 2.238765
PGK2_MOUSE	Ft	6022	Ader	HSP7F_YEAST	Ft	5957	Aden	3D2F	2PAA	3C7N	0.99	Sc=6.40442, min distance = 2.271616
PGK2_MOUSE	Ft	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2PAA	1OH7	0.99	Sc=6.38961, min distance = 2.071470
PGK2_MOUSE	Ft	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	2PAA	2YZL	0.99	Sc=5.95521, min distance = 1.995613
PGK2_MOUSE	Ft	6022	Ader	SECA_ECOLI	Fu	5957	Aden	2FSG	2PAA	2FSI	0.99	Sc=5.63804, min distance = 2.126423
PGK2_MOUSE	Ft	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2PAA	2J9D	0.99	Sc=6.39232, min distance = 1.931210
PGK2_MOUSE	Ft	6083	ader	AAKG1_RAT	Ful	5957	Aden	2V92	2PAA	2V8Q	0.98	Sc=6.3071, min distance = 2.2506616
PGK2_MOUSE	Ft	6133	uric	CCA_ARCFU	Ful	5957	Aden	1R8B	2PAA	1R8C		Sc=5.93367, min distance = 1.121964
PGKT_THEMA	Ft	447550	ph	TPIS_TRYBB	Fu	439183	li	1IIH	1VPE	4TIM	1	Sc=5.64399, min distance = 2.186658
PGKT_THEMA	Ft	6083	ader	ENTP2_RAT	Ful	33113	gar	3CJA	1VPE	3CJ7	0.97	Sc=6.30411, min distance = 2.234117
PGK_BACST	Fu	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PHP	1CKP		Sc=5.6204, min distance = 2.0213052
PGK_BACST	Fu	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1PHP	1GZ8		Sc=6.16759, min distance = 2.087998
PGK_BACST	Fu	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	1PHP	1TYQ	0.99	Sc=6.01304, min distance = 2.165063
PGK_BACST	Fu	5957	Ader	HSP7F_YEAST	Ft	6022	Aden	3C7N	1PHP	3D2F	0.99	Sc=6.03998, min distance = 2.382253
PGK_BACST	Fu	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1PHP	1FMO	0.95	Sc=6.19881, min distance = 2.175667
PGK_BACST	Fu	60961	ade	STK6_HUMAN	Fu	6022	Aden	1MQ4	1PHP	1MUO	0.95	Sc=6.13801, min distance = 2.147225
PGK_BACST	Fu	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1PHP	2ZGY	0.8	Sc=6.48483, min distance = 2.029341

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PGK_PLAF7 Fu: 5281701 T	PIM1_HUMAN Fu: 6083 aden 1YXU	1LTK	2O65		Sc=6.38594, min distance = 1.859464
PGK_PLAF7 Fu: 6022 Ader	PSPF_ECOLI Fu: 6083 aden 2VII	1LTK	2C98	0.99	Sc=5.6666, min distance = 2.0680048
PGK_PLAF7 Fu: 65110 AIC	AAKG1_HUMAN Fu: 6083 aden 2UV4	1LTK	2UV5	0.79	Sc=6.24317, min distance = 2.353461
PGK_PLAF7 Fu: 92199 AME	HINT1_HUMAN Fu: 6083 aden 1KPF	1LTK	1AV5	0.97	Sc=5.6282, min distance = 2.1659660
PGMI_PYRAE F1 311 citri	G6PI_TRYBB Fu: 439958 gl 2O2C	1X9I	2O2D		Sc=5.96038, min distance = 1.676814
PGRP_CAMDR F1 439680 be	HEMA_I63A3 Fu: 82313 1rd 1MQL	3C93	1MQM		Sc=5.81878, min distance = 0.962906
PH2M_TRICU F1 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1PN0	3GRT	0.98	Sc=6.88883, min distance = 2.196648
PH4H_CHRVO F1 133246 di	NOS2_MOUSE Fu: 445040 6- 3E6N	1LTZ	3DWJ		Sc=6.1656, min distance = 3.0323617
PH4H_CHRVO F1 444951 CI	PTR1_LEIMA Fu: 445040 6-1E92	1LTZ	2BFP		Sc=6.18156, min distance = 2.504774
PH4H_CHRVO F1 9547941 4	NOS1_RAT Full: 445040 6- 2G6I	1LTZ	2G6J	0.79	Sc=6.10847, min distance = 3.135308
PH4H_HUMAN F1 1649 3-br	NOS3_BOVIN Fu: 444951 CI 1Q2O	1MMK	1D0C		Sc=5.83477, min distance = 2.822328
PH4H_HUMAN F1 1649 3-br	NOS3_HUMAN Fu: 133246 di 3NOS	1J8U	1M9R		Sc=5.75342, min distance = 2.146042
PH4H_HUMAN F1 181426 2-	NOS3_BOVIN Fu: 444951 CI 1Q2O	1MMK	1DM6		Sc=5.80288, min distance = 2.390558
PH4H_HUMAN F1 445109 2,	NOS3_BOVIN Fu: 444951 CI 1Q2O	1MMK	1DMK		Sc=6.31378, min distance = 2.432264
PH4H_HUMAN F1 5202 serc	Q9BIH3_ANOGA 1 5814 nore 2QEO	4PAH	2QEH		Sc=5.69537, min distance = 2.291501
PH4H_HUMAN F1 9547941 4	NOS1_RAT Full: 444951 CI 1OM4	1MMK	2G6J		Sc=6.26061, min distance = 1.954608
PH4H_HUMAN F1 9547941 4	NOS1_RAT Full: 445040 6- 2G6I	1DMW	2G6J	0.79	Sc=6.15298, min distance = 2.542778
PHEA_ECOLI F1 444881 L	CHMU_YEAST Fu: 445314 1f 4CSM	1ECM	1CSM		Sc=5.89671, min distance = 1.560906
PHHY_PSEAE F1 11987634	GLPD_ECOLI Fu: 444188 CI 2QCU	1K0I	2R4E	0.97	Sc=6.52288, min distance = 1.895971
PHHY_PSEAE F1 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1K0I	1E39	0.93	Sc=6.81755, min distance = 2.150446
PHHY_PSEAE F1 3505109 4	PCXA_ACIAD Fu: 135 p-Hyd 2BUR	1K0I	2BUU		Sc=5.77455, min distance = 1.834008
PHHY_PSEAE F1 3505109 4	PCXB_ACIAD Fu: 135 p-Hyd 2BUR	1K0I	2BUU		Sc=5.76571, min distance = 1.812550
PHHY_PSEAE F1 444502 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1K0I	1BWC	0.98	Sc=6.39948, min distance = 2.269707
PHHY_PSEAE F1 446013 1,	O28603_ARCFU 1 444188 CI 1JNR	1K0I	1JNZ	0.94	Sc=6.83329, min distance = 2.076280
PHHY_PSEAE F1 446013 1,	O28604_ARCFU 1 444188 CI 1JNR	1K0I	1JNZ	0.94	Sc=6.83689, min distance = 2.075462
PHHY_PSEAE F1 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1K0I	3GRT	0.98	Sc=6.83213, min distance = 2.150840
PHHY_PSEAE F1 72 protoc	PCXB_PSEPU Fu: 135 p-Hyd 3PCC	1K0I	1YKN	0.89	Sc=5.89526, min distance = 1.559270
PHHY_PSEFL F1 12122 3-H	PCXA_PSEPU Fu: 72 protoc 1YKN	1PHH	3PCE	0.84	Sc=5.79518, min distance = 1.859248
PHHY_PSEFL F1 12122 3-H	PCXB_PSEPU Fu: 72 protoc 1YKN	1PHH	3PCE	0.84	Sc=5.79518, min distance = 1.970148
PHHY_PSEFL F1 127 4-hyd	PCXA_PSEPU Fu: 72 protoc 1YKN	1PHH	3PCG	0.79	Sc=5.80215, min distance = 2.048228
PHHY_PSEFL F1 127 4-hyd	PCXB_PSEPU Fu: 72 protoc 1YKN	1PHH	3PCG	0.79	Sc=5.80053, min distance = 2.156371
PHHY_PSEFL F1 160456 3g	PCXB_PSEPU Fu: 135 p-Hyd 3PCC	1PBE	3PCF	0.97	Sc=5.8718, min distance = 0.9826912
PHHY_PSEFL F1 19860 3-C	PCXA_PSEPU Fu: 72 protoc 1YKN	1PHH	3PCH	0.79	Sc=5.70727, min distance = 2.124034
PHHY_PSEFL F1 3505109 4	LOX3_SOYBN Fu: 72 protoc 1N8Q	1PHH	1NO3		Sc=5.74599, min distance = 2.476218
PHHY_PSEFL F1 446013 1,	O28603_ARCFU 1 444188 CI 1JNR	1PBE	1JNZ	0.94	Sc=6.44226, min distance = 2.013292
PHHY_PSEFL F1 446013 1,	O28604_ARCFU 1 444188 CI 1JNR	1PBE	1JNZ	0.94	Sc=6.44144, min distance = 1.963678
PHHY_PSEFL F1 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1PBE	3GRT	0.98	Sc=6.87798, min distance = 2.120501

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PHHY_PSEFL	Ft	449473	Ar	PCXA_PSEPU	Fu	72	protoc	1YKN	1PHH	3PCI	0.87	Sc=5.7213, min distance = 1.9089216
PHHY_PSEFL	Ft	7420	3-Hy	PCXA_PSEPU	Fu	72	protoc	1YKN	1PHH	3PCB	0.89	Sc=5.67564, min distance = 2.120765
PHHY_PSEFL	Ft	967	Oroti	PYRDA_LACLC	Ft	72	protoc	2BSL	1PHH	1JQX		Sc=5.78552, min distance = 2.544955
PHI_METJA	Fu	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	1JEO	2H3E		Sc=5.97045, min distance = 2.072292
PHI_METJA	Fu	16750041		PYRB_ECOLI	Fu	311	citri	1R0B	1JEO	2IPO		Sc=5.96047, min distance = 2.213835
PHI_METJA	Fu	39981	Spa	PYRB_ECOLI	Fu	311	citri	1R0B	1JEO	1EKX		Sc=6.05651, min distance = 1.647458
PHI_METJA	Fu	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1JEO	1QGU	0.92	Sc=5.93262, min distance = 2.272371
PHI_METJA	Fu	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1JEO	1QGU	0.92	Sc=5.93051, min distance = 2.273088
PHI_METJA	Fu	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	1JEO	1NIS		Sc=5.68885, min distance = 2.080387
PHI_METJA	Fu	447534	IS	SRC_HUMAN	Fu	311	citri	1O4L	1JEO	1O4J		Sc=5.84674, min distance = 2.040226
PHL2_BACCE	Ft	8200	TETF	LMBL1_HUMAN	Ft	78165	MES	1OZ2	2DDT	2RHI		Sc=5.70104, min distance = 2.414637
PHOQ_ECOLI	Ft	16058649		IGF1R_HUMAN	Ft	33113	gar	1JQH	1ID0	2OJ9		Sc=6.59683, min distance = 1.438595
PHOQ_ECOLI	Ft	16750062		CSK2A_MAIZE	Ft	33113	gar	1LP4	1ID0	2OXD		Sc=5.65867, min distance = 2.155731
PHOQ_ECOLI	Ft	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1ID0	1G4A	0.97	Sc=5.88452, min distance = 2.139416
PHOQ_ECOLI	Ft	24851689		PIM1_HUMAN	Fu	33113	gar	1XR1	1ID0	3CY2		Sc=6.2186, min distance = 2.3335948
PHOQ_ECOLI	Ft	446721	CI	ASSY_THET8	Fu	33113	gar	1KOR	1ID0	1KH2	0.93	Sc=5.96842, min distance = 2.287525
PHOQ_SALTY	Ft	72194	2-C	ENPL_CANFA	Fu	6323491	M	1QY8	3CGY	1QYE		Sc=5.90109, min distance = 2.125865
PHOT_BACSU	Ft	444658	2a	Q9WZW1_THEMA	I	444243	FA	1T6Y	2PR5	1T6Z	0.97	Sc=6.13012, min distance = 2.033817
PHOT_BACSU	Ft	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2PR5	1LTD	0.77	Sc=6.15191, min distance = 2.102885
PHR_THET8	Fu	444502	CI	PHR_SYNP6	Fu	444188	CI	1TEZ	2J07	1OWM	36.61	0.98 Sc=6.15275, min distance = 2.257627
PHR_THET8	Fu	447737	CI	PHR_SYNP6	Fu	444188	CI	1TEZ	2J07	1OWL	36.61	0.98 Sc=6.1511, min distance = 2.1838905
PHR_THET8	Fu	5326566	I	Q9WZW1_THEMA	I	444243	FA	1T6Y	2J09	1S4M		0.82 Sc=6.28617, min distance = 1.655711
PHSM_ECOLI	Ft	1052	pyri	PDXK_SHEEP	Fu	95687	Dec	1RFU	1QM5	1RFT		0.92 Sc=5.89264, min distance = 1.562557
PHSM_ECOLI	Ft	124823	6g	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	6GPB		0.91 Sc=6.0749, min distance = 2.4255898
PHSM_ECOLI	Ft	14257	Unc	BACR_HALSA	Fu	79025	alp	1DZE	1L5W	1CWQ		Sc=5.67613, min distance = 1.074992
PHSM_ECOLI	Ft	151504	D-	CARP_YEAST	Fu	64689	bet	1FQ4	2ASV	1FQ5		Sc=5.68216, min distance = 2.419134
PHSM_ECOLI	Ft	16741013		CARP_YEAST	Fu	64689	bet	1FQ4	2ASV	1FQ6		Sc=5.72577, min distance = 2.192321
PHSM_ECOLI	Ft	21678292		PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	3BD8		Sc=6.27415, min distance = 2.476357
PHSM_ECOLI	Ft	24856350		PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	2QN7		Sc=6.48461, min distance = 2.162150
PHSM_ECOLI	Ft	24856351		PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	2QN8		Sc=6.51204, min distance = 2.137724
PHSM_ECOLI	Ft	25049743		PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	3BDA		Sc=6.27987, min distance = 2.180911
PHSM_ECOLI	Ft	2519	caff	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1GFZ		Sc=5.69024, min distance = 2.778221
PHSM_ECOLI	Ft	4369162	I	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1HLF		Sc=6.14146, min distance = 2.426749
PHSM_ECOLI	Ft	439692	D-	XYLA_STRRU	Fu	64960	Pol	1XIE	2ASV	4XIS		Sc=5.60036, min distance = 2.720047
PHSM_ECOLI	Ft	444139	CI	CDGT2_BACCI	Ft	79025	alp	1D3C	1L5W	1DTU		Sc=5.79943, min distance = 1.034905
PHSM_ECOLI	Ft	444139	CI	NEPU1_THEVU	Ft	64689	bet	1UH4	2ASV	1UH3		Sc=5.67478, min distance = 0.775026
PHSM_ECOLI	Ft	444140	CI	CDGT_THETU	Fu	79025	alp	3BMW	1L5W	1A47		Sc=5.7338, min distance = 1.1921287

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PHSM_ECOLI	F1	444185	1d	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1A8I		Sc=6.16927, min distance = 2.379111
PHSM_ECOLI	F1	444393	CI	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1AXR		Sc=6.01112, min distance = 2.416345
PHSM_ECOLI	F1	444440	AC	AMY1_HORVU	Fu	79025	alp	1RP8	1L5W	1RP9		Sc=6.39486, min distance = 1.458387
PHSM_ECOLI	F1	444809	TH	GUN2_THEFU	Fu	64689	bet	2BOF	2ASV	2BOG	0.78	Sc=5.80938, min distance = 0.881034
PHSM_ECOLI	F1	444809	TH	GUN5_BACAG	Fu	64689	bet	1W3L	2ASV	1H5V	0.78	Sc=5.76571, min distance = 0.802542
PHSM_ECOLI	F1	444809	TH	GUX2_TRIRE	Fu	64689	bet	1QK0	2ASV	1QJW	0.78	Sc=5.69804, min distance = 2.586041
PHSM_ECOLI	F1	444809	TH	Q79G13_MYCTU	l	64689	bet	1UP0	2ASV	1UOZ	0.78	Sc=5.72788, min distance = 2.505494
PHSM_ECOLI	F1	445237	1	AMY1_HORVU	Fu	64689	bet	1RP9	2ASV	1P6W	0.77	Sc=5.75684, min distance = 1.733368
PHSM_ECOLI	F1	445382	2p	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1WW2		Sc=6.0813, min distance = 2.3612109
PHSM_ECOLI	F1	445723	1-	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1P4H		Sc=6.23709, min distance = 2.564685
PHSM_ECOLI	F1	445825	CI	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1GG8		Sc=5.98461, min distance = 2.602475
PHSM_ECOLI	F1	445916	be	XYLA_STRRU	Fu	64960	Pol	1XIE	2ASV	1GW9	0.82	Sc=5.63483, min distance = 2.711264
PHSM_ECOLI	F1	445999	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	2ASV	1OC7	0.77	Sc=5.60314, min distance = 1.755010
PHSM_ECOLI	F1	446000	CI	AMYP_PIG	Full	79025	alp	1HX0	1L5W	1JFH	0.83	Sc=5.69173, min distance = 2.353924
PHSM_ECOLI	F1	446600	1k	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1K06		Sc=6.45343, min distance = 2.148514
PHSM_ECOLI	F1	446685	Ve	NEPU1_THEVU	F1	79025	alp	1UH4	1L5W	1UH3		Sc=5.95768, min distance = 1.111831
PHSM_ECOLI	F1	446801	1k	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1KTI		Sc=6.23277, min distance = 2.135731
PHSM_ECOLI	F1	446996	GA	Q9HYN5_PSEAE	l	64689	bet	1W8F	2ASV	1W8H	0.89	Sc=5.80046, min distance = 0.975837
PHSM_ECOLI	F1	447413	NT	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1NOJ		Sc=5.9919, min distance = 2.4589560
PHSM_ECOLI	F1	447601	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	2ASV	1OCB		Sc=5.67761, min distance = 2.646187
PHSM_ECOLI	F1	447770	CG	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1P4G		Sc=6.11778, min distance = 2.568166
PHSM_ECOLI	F1	448009	TH	AMY1_HUMAN	Fu	79025	alp	3DHP	1L5W	1Q4N		Sc=5.71884, min distance = 1.138239
PHSM_ECOLI	F1	449180	XI	XYLA_STRRU	Fu	64960	Pol	1XIE	2ASV	4XIS	0.8	Sc=5.74678, min distance = 2.535118
PHSM_ECOLI	F1	449554	CI	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	5GPB	0.82	Sc=6.08064, min distance = 2.243685
PHSM_ECOLI	F1	449571	CI	CDGT1_BACCI	F1	79025	alp	1CGU	1L5W	6CGT		Sc=5.61476, min distance = 2.660864
PHSM_ECOLI	F1	6134	lact	Q6YD91_ERYCG	l	64689	bet	1UZY	2ASV	1V00	0.87	Sc=6.42935, min distance = 1.930821
PHSM_ECOLI	F1	657042	CH	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	1XKX		Sc=6.30979, min distance = 2.030420
PHSM_ECOLI	F1	6852183	N	PYGM_RABIT	Fu	65533	cor	3GPB	1L5V	2F3U		Sc=6.35633, min distance = 2.005442
PHSM_ECOLI	F1	84265	1ax	TRFL_BOVIN	Fu	79025	alp	2DWJ	1L5W	2AYS		Sc=6.09334, min distance = 1.690274
PHSM_ECOLI	F1	95259	L-x	XYLA_STRRU	Fu	64960	Pol	1XIE	2ASV	1XIC		Sc=5.73619, min distance = 2.284510
PHS_RAT	Full	292661	2	PTR1_LEIMA	Fu	445040	6-1E92		1DCP	1W0C		Sc=6.01426, min distance = 2.457152
PHS_RAT	Full	444951	CI	PTR1_LEIMA	Fu	445040	6-1E92		1DCP	2BFP		Sc=5.86453, min distance = 2.170302
PHS_RAT	Full	9547941	4	NOS1_RAT	Full	445040	6-2G6I		1DCP	2G6J	0.79	Sc=5.81294, min distance = 2.345679
PHZF_PSEFL	F1	114947	4-	3HAO_RALME	Fu	86	3-Hydr	1YFY	1U1W	1YFW	0.87	Sc=5.89646, min distance = 2.229181
PHZG_PSEFL	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	1TY9	1HE5	0.82	Sc=6.10486, min distance = 2.613192
PIM1_HUMAN	F1	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	3DDP	31.71	Sc=6.23463, min distance = 2.391868
PIM1_HUMAN	F1	11314340		KAPCA_BOVIN	F1	444345	1c	1STC	1YHS	2UZT	30.06	Sc=6.33688, min distance = 2.402375

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PIM1_HUMAN	F1	11348631	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2E9U	34.71		Sc=6.08593, min distance = 2.076682
PIM1_HUMAN	F1	11502647	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2GDO	34.71		Sc=6.25829, min distance = 2.720567
PIM1_HUMAN	F1	1400	RET_HUMAN	Fu	6083	aden	2IVT	1YXU	2IVV	27.45		Sc=5.88909, min distance = 2.326830
PIM1_HUMAN	F1	1540	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1H1Q	31.71		Sc=6.01153, min distance = 2.891380
PIM1_HUMAN	F1	15942652	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2DUV	31.71		Sc=6.30136, min distance = 2.819812
PIM1_HUMAN	F1	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	1YHS	2OF4	34.33		Sc=6.11865, min distance = 2.339358
PIM1_HUMAN	F1	160355	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	3DDQ	31.71		Sc=6.03675, min distance = 2.525360
PIM1_HUMAN	F1	16058649	IGF1R_HUMAN	F1	33113	gar	1JQH	1XR1	2OJ9			Sc=6.31598, min distance = 1.767950
PIM1_HUMAN	F1	16122608	PDPK1_HUMAN	F1	2396	bisi	1UU8	1XWS	2PE1	25.47	0.79	Sc=6.27629, min distance = 2.139174
PIM1_HUMAN	F1	16122608	PDPK1_HUMAN	F1	444345	1c	1OKY	1YHS	2PE1	25.47		Sc=6.25561, min distance = 2.844940
PIM1_HUMAN	F1	16758227	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2R0U	34.71		Sc=6.52635, min distance = 2.300862
PIM1_HUMAN	F1	17754396	PDPK1_HUMAN	F1	2396	bisi	1UU8	1XWS	2R7B	25.47		Sc=6.13445, min distance = 2.003158
PIM1_HUMAN	F1	1907917	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2CGW	34.71		Sc=5.96971, min distance = 3.110828
PIM1_HUMAN	F1	23536770	LCK_HUMAN	Fu	444345	1c	1QPD	1YHS	3BYM	34.33		Sc=6.19937, min distance = 2.506758
PIM1_HUMAN	F1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2R3F	31.71		Sc=5.74093, min distance = 2.741139
PIM1_HUMAN	F1	23653516	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2R3G	31.71		Sc=6.09078, min distance = 3.146778
PIM1_HUMAN	F1	23653518	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2R3J	31.71		Sc=5.96034, min distance = 2.663417
PIM1_HUMAN	F1	23653522	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2R3N	31.71		Sc=6.02071, min distance = 2.515418
PIM1_HUMAN	F1	23653526	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2R3R	31.71		Sc=5.93749, min distance = 2.628119
PIM1_HUMAN	F1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2E9P	34.71		Sc=6.13476, min distance = 2.270130
PIM1_HUMAN	F1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	3BHU	31.71		Sc=6.23711, min distance = 2.835009
PIM1_HUMAN	F1	2403	PDPK1_HUMAN	F1	444345	1c	1OKY	1YHS	1UVR	25.47		Sc=6.37213, min distance = 2.263858
PIM1_HUMAN	F1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2QHM	34.71		Sc=6.05605, min distance = 2.200828
PIM1_HUMAN	F1	24756824	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	3BE9	26.34		Sc=6.35121, min distance = 2.333319
PIM1_HUMAN	F1	24779674	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	2PVH	26.34		Sc=5.84254, min distance = 2.844349
PIM1_HUMAN	F1	24779676	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	2PVK	26.34		Sc=6.27663, min distance = 2.168959
PIM1_HUMAN	F1	24779677	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	2PVL	26.34		Sc=6.0179, min distance = 2.6589738
PIM1_HUMAN	F1	24779678	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	2PVM	26.34		Sc=6.29757, min distance = 2.185249
PIM1_HUMAN	F1	24864081	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2VTS	31.71		Sc=6.19212, min distance = 2.247339
PIM1_HUMAN	F1	24901723	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2W06	31.71		Sc=6.05915, min distance = 2.111479
PIM1_HUMAN	F1	24905142	SRC_CHICK	Fu	6083	aden	3DQX	1YXU	3EN4	32.35		Sc=6.38378, min distance = 0.725079
PIM1_HUMAN	F1	24905143	SRC_CHICK	Fu	6083	aden	3DQX	1YXU	3EN7	32.35		Sc=6.19882, min distance = 0.941417
PIM1_HUMAN	F1	24905152	SRC_CHICK	Fu	6083	aden	3DQX	1YXU	3EN6	32.35		Sc=6.30149, min distance = 1.283910
PIM1_HUMAN	F1	24905153	SRC_CHICK	Fu	6083	aden	3DQX	1YXU	3EN5	32.35		Sc=6.08596, min distance = 2.597068
PIM1_HUMAN	F1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	3DOG	31.71		Sc=6.02911, min distance = 2.639510
PIM1_HUMAN	F1	25021197	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	3EOC	31.71		Sc=5.94101, min distance = 2.213674
PIM1_HUMAN	F1	3543	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1G5S	31.71		Sc=6.2321, min distance = 2.3429460

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PIM1_HUMAN	F1	3547	Fast	ROCK1_HUMAN	F1	33113	gar	2V55	1XR1	2ESM	32.89	Sc=5.8712, min distance = 2.6359114
PIM1_HUMAN	F1	4369136	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1DM2	31.71	Sc=6.14216, min distance = 3.048420
PIM1_HUMAN	F1	439176	Me	MTAP_SULSO	Fu	60961	ade	1JDV	1YI4	1JDT	0.91	Sc=5.97033, min distance = 2.008355
PIM1_HUMAN	F1	444367	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	1OM1	26.34	Sc=6.12588, min distance = 2.208897
PIM1_HUMAN	F1	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	1XR1	1W9I	0.91	Sc=5.80761, min distance = 2.334504
PIM1_HUMAN	F1	445840	di	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1GII	31.71	Sc=5.99141, min distance = 2.228337
PIM1_HUMAN	F1	446724	AN	NUDT5_HUMAN	F1	6083	aden	2DSD	1YXU	3BM4	0.92	Sc=5.84203, min distance = 1.463746
PIM1_HUMAN	F1	447649	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1OI9	31.71	Sc=6.1409, min distance = 2.6522228
PIM1_HUMAN	F1	447654	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1OIT	31.71	Sc=6.04107, min distance = 2.076224
PIM1_HUMAN	F1	447655	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1OIU	31.71	Sc=6.03183, min distance = 2.184196
PIM1_HUMAN	F1	447722	9-	DEOD_ECOLI	Fu	60961	ade	1PK7	1YI4	1OUM	0.9	Sc=5.9922, min distance = 1.3792117
PIM1_HUMAN	F1	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	1YXU	1PG4	0.99	Sc=6.36476, min distance = 1.083622
PIM1_HUMAN	F1	448005	CI	GSK3B_HUMAN	F1	33113	gar	1J1B	1XR1	1Q3W	32.04	Sc=6.13001, min distance = 2.893147
PIM1_HUMAN	F1	448043	2c	KAPCA_BOVIN	F1	444345	1c	1STC	1YHS	1Q8U	30.06	Sc=5.95001, min distance = 2.036377
PIM1_HUMAN	F1	456214	pu	KS6A1_HUMAN	F1	444345	1c	2Z7R	1YHS	2Z7S		Sc=6.25043, min distance = 2.017846
PIM1_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1H1R	31.71	Sc=6.00246, min distance = 2.320262
PIM1_HUMAN	F1	4566	1h1s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1H1S	31.71	Sc=6.058, min distance = 2.47691360
PIM1_HUMAN	F1	5288016	6	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2B53	31.71	Sc=6.03565, min distance = 2.444597
PIM1_HUMAN	F1	5288708	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1KE5	31.71	Sc=6.00804, min distance = 2.134124
PIM1_HUMAN	F1	5326978	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1XR1	1ZOH	26.34	Sc=5.61111, min distance = 2.290800
PIM1_HUMAN	F1	5327122	C	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2C3K	34.71	Sc=6.38294, min distance = 2.138934
PIM1_HUMAN	F1	5327123	1	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2C3L	34.71	Sc=5.98389, min distance = 2.475278
PIM1_HUMAN	F1	5327130	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C68	31.71	Sc=5.97128, min distance = 2.626795
PIM1_HUMAN	F1	5327131	T	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C69	31.71	Sc=5.94964, min distance = 2.624186
PIM1_HUMAN	F1	5327132	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C6I	31.71	Sc=5.93421, min distance = 2.022117
PIM1_HUMAN	F1	5327133	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C6K	31.71	Sc=5.88994, min distance = 2.099402
PIM1_HUMAN	F1	5327134	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C6L	31.71	Sc=6.06182, min distance = 2.182154
PIM1_HUMAN	F1	5327135	D	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C6M	31.71	Sc=5.90158, min distance = 2.018035
PIM1_HUMAN	F1	5327148	C	KAPCA_MOUSE	F1	60961	ade	1FMO	1YI4	2ERZ	31.25	Sc=6.05208, min distance = 2.302835
PIM1_HUMAN	F1	5331010	c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2BKZ	31.71	Sc=6.19059, min distance = 2.670375
PIM1_HUMAN	F1	5687	1di8	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1DI8	31.71	Sc=6.1091, min distance = 2.6614078
PIM1_HUMAN	F1	6419789	C	HASP_HUMAN	Fu	6083	aden	3DLZ	1YXU	3E7V		Sc=6.31461, min distance = 2.195796
PIM1_HUMAN	F1	6420139	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2C5V	31.71	Sc=5.9861, min distance = 2.5533617
PIM1_HUMAN	F1	6540273	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1YHS	2CGV	34.71	Sc=6.10671, min distance = 2.289215
PIM1_HUMAN	F1	656968	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	1YXU	1Y2H		Sc=5.95476, min distance = 1.303537
PIM1_HUMAN	F1	657072	RY	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	2BHH	31.71	Sc=6.36554, min distance = 2.644970
PIM1_HUMAN	F1	6852207	M	KAPCA_BOVIN	F1	444345	1c	1STC	1YHS	2GNI	30.06	Sc=5.89227, min distance = 2.155238

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PIM1_HUMAN	F1	72271	7-H	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1PKD	31.71	0.91	Sc=6.35367, min distance = 2.04108
PIM1_HUMAN	F1	72443	for	MTAP_SULSO	Fu	60961	ade	1JDV	1YI4	1JDZ			Sc=5.96895, min distance = 2.08993
PIM1_HUMAN	F1	9547890	I	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	1W8C	31.71		Sc=5.75958, min distance = 2.84098
PIM1_HUMAN	F1	97184	6-M	DEOD_ECOLI	Fu	60961	ade	1PK7	1YI4	1OVG		0.9	Sc=5.90568, min distance = 1.46560
PIM1_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu	444345	1c	1AQ1	1YHS	3BHV	31.71		Sc=6.36399, min distance = 2.37918
PIM2_HUMAN	F1	10109823		PIM1_HUMAN	Fu	11986113	2BZH	2IWI	2IWI	3CY3			Sc=6.36703, min distance = 2.80807
PIM2_HUMAN	F1	2396	bisi	PIM1_HUMAN	Fu	11986113	2BZH	2IWI	2IWI	1XWS	0.76		Sc=6.40238, min distance = 2.46303
PIM2_HUMAN	F1	24180721		PIM1_HUMAN	Fu	11986113	2BZH	2IWI	2IWI	3C4E			Sc=5.85843, min distance = 2.99106
PIM2_HUMAN	F1	444345	1c	PIM1_HUMAN	Fu	11986113	2BZH	2IWI	2IWI	1YHS	0.76		Sc=6.35117, min distance = 2.10010
PIM2_HUMAN	F1	611002	Op	PIM1_HUMAN	Fu	11986113	2BZH	2IWI	2IWI	1YXX			Sc=6.00356, min distance = 3.05821
PIMA_MYCLE	F1	24978488		TBB2B_BOVIN	F1	8977	1dar	1Z2B	2GEK	3DU7			Sc=5.62514, min distance = 2.28993
PIMA_MYCLE	F1	439912	GI	GMD2_ARATH	Fu	8977	1dar	1N7H	2GEK	1N7G	0.92		Sc=6.10509, min distance = 2.35444
PIMA_MYCLE	F1	445463	B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	2GEK	1L9N			Sc=6.11735, min distance = 2.18075
PIMA_MYCLE	F1	6022	Ader	PARM_ECOLX	Fu	8977	1dar	2ZGY	2GEK	1MWM	0.8		Sc=5.61535, min distance = 2.25832
PIMA_MYCLE	F1	6031	Urid	RIR1_YEAST	Fu	8977	1dar	2CVW	2GEK	2CVV			Sc=5.73619, min distance = 2.13302
PIMA_MYCLE	F1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2GEK	1G7C	0.99		Sc=5.88452, min distance = 2.14732
PIMA_MYCLE	F1	6804	guar	GBP1_HUMAN	Fu	8977	1dar	2B92	2GEK	2B8W	0.99		Sc=5.86698, min distance = 2.01109
PIMT_DROME	F1	13711	dec	MTH1_HAEPH	Fu	439155	Ad	2C7P	1R18	2Z6Q			Sc=6.00878, min distance = 2.09089
PIMT_DROME	F1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1R18	1Z3C	0.91		Sc=6.54986, min distance = 2.21794
PIMT_DROME	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1R18	1JQE	0.95		Sc=6.50881, min distance = 2.60003
PIMT_DROME	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1R18	1JG2	0.84		Sc=6.27193, min distance = 2.67139
PIMT_DROME	F1	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	1R18	1QAQ	0.88		Sc=6.54332, min distance = 2.45526
PIMT_DROME	F1	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1R18	1NW6	0.88		Sc=6.53247, min distance = 2.02016
PIMT_HUMAN	F1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1I1N	1Z3C	0.91		Sc=6.60848, min distance = 2.51207
PIMT_HUMAN	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1I1N	1JQE	0.95		Sc=6.56277, min distance = 2.20148
PIMT_HUMAN	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1I1N	1JG2	0.84		Sc=6.34067, min distance = 2.37771
PIMT_PYRFU	F1	10041129		SAHH_MYCTU	Fu	60961	ade	3CE6	1JG2	3DHY	0.89		Sc=6.37282, min distance = 1.93625
PIMT_PYRFU	F1	439176	Me	MTAP_SULSO	Fu	60961	ade	1JDV	1JG2	1JDT	0.91		Sc=6.35603, min distance = 1.32801
PIMT_PYRFU	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1JG1	1JQE	0.95		Sc=6.56731, min distance = 2.15970
PIMT_PYRFU	F1	447722	9-	DEOD_ECOLI	Fu	60961	ade	1PK7	1JG2	1OUM	0.9		Sc=6.36333, min distance = 2.36195
PIMT_PYRFU	F1	6021	inos	DEOD_ECOLI	Fu	60961	ade	1PK7	1JG2	1PR0	0.79		Sc=6.3464, min distance = 1.67810
PIMT_PYRFU	F1	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1JG1	1NW6	0.88		Sc=6.58684, min distance = 2.14866
PIMT_PYRFU	F1	72443	for	DEOD_ECOLI	Fu	60961	ade	1PK7	1JG2	1A69			Sc=6.38616, min distance = 2.10984
PIMT_PYRFU	F1	8975	2-F1	SAHH_MYCTU	Fu	60961	ade	3CE6	1JG2	2ZJ0	0.99		Sc=6.3637, min distance = 2.15868
PIMT_PYRFU	F1	97184	6-M	DEOD_ECOLI	Fu	60961	ade	1PK7	1JG2	1OVG	0.9		Sc=6.28344, min distance = 1.81982
PIMT_THEMA	F1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	1DL5	1Z3C	0.91		Sc=6.58035, min distance = 2.04677
PIMT_THEMA	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1DL5	1JQE	0.95		Sc=6.53741, min distance = 2.47687

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PIMT_THEMA F1	60961 add	PIMT_PYRFU Fu:	439155 Ad	1JG1	1DL5	1JG2	0.84	Sc=6.30972, min distance = 2.624350
PIMT_THEMA F1	65482 sir	MTR1_RHOSH Fu:	439155 Ad	1NW7	1DL5	1NW6	0.88	Sc=6.56303, min distance = 2.067970
PIP_THEAC Fu:	6305 L-tr	APX_STRGR Fu:	6140 L-ph	1F2P	1XRM	1TF8		Sc=6.23306, min distance = 1.058740
PK3CG_HUMAN	110109823	PIM1_HUMAN Fu:	11986114	2BZI	3CSF	3CY3		Sc=6.23472, min distance = 2.433800
PK3CG_HUMAN	111348631	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2E9U		Sc=6.21179, min distance = 2.270310
PK3CG_HUMAN	111502647	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2GDO		Sc=6.26014, min distance = 2.369170
PK3CG_HUMAN	111986113	PIM1_HUMAN Fu:	444345 1c	1YHS	1E8Z	2BZH	0.76	Sc=6.41226, min distance = 1.999820
PK3CG_HUMAN	111986115	PIM1_HUMAN Fu:	444345 1c	1YHS	1E8Z	2BZJ		Sc=6.59117, min distance = 2.181320
PK3CG_HUMAN	11587957 2	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2BRB		Sc=6.16464, min distance = 2.080470
PK3CG_HUMAN	115942652	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2DUV		Sc=6.2904, min distance = 2.0920710
PK3CG_HUMAN	116058647	PIM1_HUMAN Fu:	444345 1c	1YHS	1E8Z	2OI4	0.75	Sc=6.43701, min distance = 2.361530
PK3CG_HUMAN	116122608	PDPK1_HUMAN Fu:	444345 1c	1OKY	1E8Z	2PE1		Sc=6.32871, min distance = 2.352260
PK3CG_HUMAN	116122643	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2YWP		Sc=6.26922, min distance = 2.492740
PK3CG_HUMAN	116214825	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2UZE		Sc=6.24783, min distance = 2.444470
PK3CG_HUMAN	117754396	PDPK1_HUMAN Fu:	444345 1c	1OKY	1E8Z	2R7B		Sc=6.26424, min distance = 2.625280
PK3CG_HUMAN	11907917 2	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2CGW		Sc=6.13456, min distance = 2.570660
PK3CG_HUMAN	123653515	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2R3F		Sc=5.95826, min distance = 2.130310
PK3CG_HUMAN	123653518	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2R3J		Sc=6.18542, min distance = 2.185300
PK3CG_HUMAN	123653519	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2R3K		Sc=6.0678, min distance = 2.0905750
PK3CG_HUMAN	123653520	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2R3L		Sc=6.07163, min distance = 2.254860
PK3CG_HUMAN	123657800	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2E9P		Sc=6.24576, min distance = 2.084680
PK3CG_HUMAN	123727982	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	3BHU		Sc=6.25434, min distance = 2.277000
PK3CG_HUMAN	12403 1uvr	PDPK1_HUMAN Fu:	444345 1c	1OKY	1E8Z	1UVR		Sc=6.35372, min distance = 2.046240
PK3CG_HUMAN	124963033	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2W05		Sc=6.29896, min distance = 2.091820
PK3CG_HUMAN	13547 Fasu	KAPCA_BOVIN Fu:	444345 1c	1STC	1E8Z	1Q8W		Sc=5.89227, min distance = 2.270480
PK3CG_HUMAN	13973 nche	PIM1_HUMAN Fu:	11986114	2BZI	3CSF	1YI3		Sc=5.82145, min distance = 2.416870
PK3CG_HUMAN	14369136 0	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	1DM2		Sc=6.24757, min distance = 2.204160
PK3CG_HUMAN	14369433 2	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2BRM		Sc=6.25624, min distance = 2.159220
PK3CG_HUMAN	14369434 2	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	2BRN		Sc=6.3877, min distance = 2.4356050
PK3CG_HUMAN	1445966 06	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	1H0V		Sc=6.05419, min distance = 2.553060
PK3CG_HUMAN	1447446 1r	CHK1_HUMAN Fu:	444345 1c	1NVR	1E8Z	1NVS	0.84	Sc=6.2174, min distance = 2.7985940
PK3CG_HUMAN	1447766 1g	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	1P2A		Sc=6.2901, min distance = 2.3294210
PK3CG_HUMAN	1447962 1g	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	2C5N		Sc=6.08317, min distance = 2.845030
PK3CG_HUMAN	1449240 1y	KAPCA_BOVIN Fu:	444345 1c	1STC	1E8Z	1YDR		Sc=5.86942, min distance = 2.207220
PK3CG_HUMAN	14565 1h1r	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	1H1R		Sc=6.02535, min distance = 2.091300
PK3CG_HUMAN	14566 1h1s	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	1H1S		Sc=6.32677, min distance = 1.887530
PK3CG_HUMAN	15288711 1	CDK2_HUMAN Fu:	444345 1c	1AQ1	1E8Z	1KE8		Sc=6.17103, min distance = 2.047210

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PK3CG_HUMAN	1	5288712	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	1KE9		Sc=6.11023, min distance = 2.36286
PK3CG_HUMAN	1	5326844	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	1URW		Sc=6.44892, min distance = 2.38076
PK3CG_HUMAN	1	5327121	1	PIM1_HUMAN	Fu	444345	1c	1YHS	1E8Z	2C3I		Sc=6.24016, min distance = 2.39583
PK3CG_HUMAN	1	5327123	1	CHK1_HUMAN	Fu	444345	1c	1NVR	1E8Z	2C3L		Sc=6.10454, min distance = 2.46146
PK3CG_HUMAN	1	5331010	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	2BKZ		Sc=6.25806, min distance = 2.45448
PK3CG_HUMAN	1	6420138	2	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	2UUE		Sc=6.26622, min distance = 2.76988
PK3CG_HUMAN	1	6420139	0	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	2C5V		Sc=6.07813, min distance = 2.64671
PK3CG_HUMAN	1	848641	2k	CHK1_HUMAN	Fu	444345	1c	1NVR	1E8Z	2BRH		Sc=6.23243, min distance = 2.21318
PK3CG_HUMAN	1	9547890	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	1W8C		Sc=6.09821, min distance = 2.19428
PK3CG_HUMAN	1	9817550	v	CDK2_HUMAN	Fu	444345	1c	1AQ1	1E8Z	3BHV		Sc=6.25748, min distance = 2.28369
PK3CG_PIG	Fu	11175137		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2UW7		Sc=6.15073, min distance = 2.28958
PK3CG_PIG	Fu	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2VNW		Sc=6.10977, min distance = 2.38366
PK3CG_PIG	Fu	15602982		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2UW6		Sc=6.0346, min distance = 2.27929
PK3CG_PIG	Fu	15602983		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2UW5		Sc=6.08912, min distance = 2.19697
PK3CG_PIG	Fu	16122633		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2UW0		Sc=6.4194, min distance = 2.25398
PK3CG_PIG	Fu	16122642		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2UZW		Sc=6.38773, min distance = 2.03582
PK3CG_PIG	Fu	17751819		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	2VO6		Sc=6.25032, min distance = 2.42563
PK3CG_PIG	Fu	17754396		PDPK1_HUMAN	Fu	5957	Aden	2BIY	1E8X	2R7B		Sc=6.29127, min distance = 2.49559
PK3CG_PIG	Fu	24180721		PIM1_HUMAN	Fu	3973	nche	1YI3	1E7V	3C4E		Sc=5.73329, min distance = 2.22680
PK3CG_PIG	Fu	24820122		PIM1_HUMAN	Fu	3973	nche	1YI3	1E7V	3BWF		Sc=6.45382, min distance = 2.08331
PK3CG_PIG	Fu	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	1Q8W		Sc=5.89401, min distance = 2.03149
PK3CG_PIG	Fu	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	1E8X	1KJJ	0.99	Sc=5.66827, min distance = 2.07811
PK3CG_PIG	Fu	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E8X	1YDR		Sc=5.87469, min distance = 2.07748
PK3CG_PIG	Fu	5280863	k	O22304_VITVI	l	5280343	q	2C9Z	1E8W	2C1Z	0.94	Sc=6.26327, min distance = 2.44724
PK3CG_PIG	Fu	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	1E8X	2JA3	0.99	Sc=5.90213, min distance = 2.33538
PK3CG_PIG	Fu	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	1E8X	2ZDH	0.99	Sc=5.91339, min distance = 2.07608
PK3CG_PIG	Fu	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1E8X	1OH7	0.99	Sc=5.60976, min distance = 2.19596
PK3CG_PIG	Fu	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1E8X	3C4Z	0.99	Sc=5.91339, min distance = 2.14993
PK3CG_PIG	Fu	611002	Og	PIM1_HUMAN	Fu	5281672	r	2O63	1E90	1YXX		Sc=6.04435, min distance = 2.41496
PK3CG_PIG	Fu	657135	Og	PIM1_HUMAN	Fu	5281672	r	2O63	1E90	1YXV		Sc=5.87164, min distance = 2.24087
PK3CG_PIG	Fu	667639	pi	ATPG_BOVIN	Fu	5280343	q	2JJ2	1E8W	2JJ1		Sc=6.15459, min distance = 2.06584
PKHA1_HUMAN	l	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	1EAZ	1YBA	0.76	Sc=5.66422, min distance = 1.38874
PKNB_MYCTU	Fu	24905142		SRC_CHICK	Fu	440317	AT	3DQW	1MRU	3EN4	29.8	Sc=6.35676, min distance = 1.73958
PKNB_MYCTU	Fu	24905143		SRC_CHICK	Fu	440317	AT	3DQW	1MRU	3EN7	29.8	Sc=6.19161, min distance = 2.28165
PKNB_MYCTU	Fu	33113	gar	CHEA_THEMEA	Fu	91532	AMP	1I58	1O6Y	1I59	0.99	Sc=5.72497, min distance = 2.07958
PKNB_MYCTU	Fu	443200	C1	ACK1_HUMAN	Fu	91532	AMP	1U54	1O6Y	1U4D	24.89	Sc=6.23092, min distance = 2.34133
PKNB_MYCTU	Fu	444564	AT	BIOD_ECOLI	Fu	91532	AMP	1DAG	1O6Y	1BS1	0.91	Sc=6.35352, min distance = 2.10010

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PKNB_MYCTU	F1	444564	Ad	MYS2_DICDI	Fu	440317	AT	1MMG	1MRU	1W9I		0.91	Sc=5.91756, min distance = 2.069016
PKNB_MYCTU	F1	5287416	C	INSR_HUMAN	Fu	91532	AMP	1I44	1O6Y	1RQQ	28.12	0.93	Sc=6.46186, min distance = 2.081634
PKNB_MYCTU	F1	5957	Ader	BIOD_ECOLI	Fu	91532	AMP	1DAG	1O6Y	1A82		0.99	Sc=5.95734, min distance = 2.153746
PKNB_MYCTU	F1	5957	Ader	MYS2_DICDI	Fu	440317	AT	1MMG	1MRU	1FMW		0.99	Sc=5.98029, min distance = 0
PKNB_MYCTU	F1	5957	Ader	NIFH1_AZOVI	Fu	91532	AMP	2AFK	1O6Y	2C8V		0.99	Sc=5.97528, min distance = 2.424909
PKNB_MYCTU	F1	6022	Ader	BIOD_ECOLI	Fu	91532	AMP	1DAG	1O6Y	1DAD		0.99	Sc=6.35458, min distance = 2.299640
PKNB_MYCTU	F1	6022	Ader	FTSK_PSEAE	Fu	440317	AT	2IUT	1MRU	2IUU		0.99	Sc=6.36505, min distance = 2.378469
PKNB_MYCTU	F1	6022	Ader	MYS2_DICDI	Fu	440317	AT	1MMG	1MRU	1VOM		0.99	Sc=5.87768, min distance = 2.258972
PKNB_MYCTU	F1	6083	ader	SRC_CHICK	Fu	440317	AT	3DQW	1MRU	3DQX	29.8	0.97	Sc=6.27224, min distance = 2.726050
PLK4_HUMAN	F1	11553058		LCK_HUMAN	Fu	448170	CI	1QPC	3COK	2OF2			Sc=6.09415, min distance = 2.359086
PMA2_ARATH	F1	5957	Ader	SYK2_ECOLI	Fu	91532	AMP	1E22	3B8C	1E24		0.99	Sc=5.62958, min distance = 2.374949
PMG1_YEAST	F1	439168	Tr	TPIS_PLAFA	Fu	439183	li	1M7O	1QHF	1M7P		0.84	Sc=5.6426, min distance = 1.1384656
PMG1_YEAST	F1	439278	ph	GPMT_BACST	Fu	439183	li	1EJJ	1QHF	1O98	1		Sc=5.65858, min distance = 2.024199
PMG1_YEAST	F1	447550	ph	TPIS_TRYBB	Fu	439183	li	1IIH	1QHF	4TIM	1		Sc=5.66437, min distance = 2.648241
PMS2_HUMAN	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1EA6	1PXI			Sc=5.61196, min distance = 2.302896
PMS2_HUMAN	F1	5326935	1	HS90A_HUMAN	Fu	6022	Aden	1BYQ	1EA6	1YC4			Sc=6.29839, min distance = 2.614109
PMS2_HUMAN	F1	6323491	M	PDK3_HUMAN	Fu	6022	Aden	1Y8O	1EA6	2Q8I			Sc=6.30357, min distance = 2.575876
PMS2_HUMAN	F1	6323491	M	TOP6B_SULSH	Fu	6022	Aden	1Z5B	1EA6	2HKJ			Sc=6.31855, min distance = 2.123110
PMS2_HUMAN	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1EA6	1QYE	0.89		Sc=6.07636, min distance = 2.343884
PNMT_HUMAN	F1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	2G8N	1Z3C		0.91	Sc=6.58328, min distance = 1.954087
PNMT_HUMAN	F1	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2G72	1EG2		0.91	Sc=6.26843, min distance = 2.163710
PNMT_HUMAN	F1	439182	5	Q70GK9_STRCT	I	34756	Acy	1RQP	2G72	2CC2		0.86	Sc=6.27634, min distance = 1.834173
PNMT_HUMAN	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2G8N	1JQE		0.95	Sc=6.5575, min distance = 1.9620626
PNMT_HUMAN	F1	5326531	C	CHOMT_MEDSA	Fu	34756	Acy	1FPQ	2G72	1FP1		0.92	Sc=6.55519, min distance = 2.045591
PNMT_HUMAN	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2G8N	1JG2		0.84	Sc=6.27869, min distance = 2.582604
PNPH_BOVIN	F1	447992	1c	Q8I3X4_PLAF7	I	6021	inos	2BSX	1A9S	1Q1G			Sc=6.35829, min distance = 2.571381
PNPH_HUMAN	F1	100684	9-	TGT_ZYMMO	Fu	764	guani	2PWU	1V2H	1Q2R			Sc=5.86412, min distance = 2.060687
PNPH_HUMAN	F1	108714	9-	URIC_ASPFL	Fu	764	guani	1XT4	1V2H	1R4S			Sc=5.95799, min distance = 2.073177
PNPH_HUMAN	F1	1188	xant	XAPA_ECOLI	Fu	764	guani	1YQQ	1V2H	1YR3	46.08	0.92	Sc=5.82604, min distance = 2.256372
PNPH_HUMAN	F1	1188	xant	XGPT_ECOLI	Fu	764	guani	1A95	1V2H	1A96		0.92	Sc=5.81604, min distance = 2.502977
PNPH_HUMAN	F1	15113	Xar	URIC_ASPFL	Fu	764	guani	1XT4	1V2H	2IBA			Sc=5.78932, min distance = 2.210936
PNPH_HUMAN	F1	242831	2-	TGT_ZYMMO	Fu	764	guani	2PWU	1V2H	1S39			Sc=5.92919, min distance = 2.141066
PNPH_HUMAN	F1	439713	(F	URAD_DANRE	Fu	764	guani	2O74	1V2H	2O73			Sc=5.81927, min distance = 1.856248
PNPH_HUMAN	F1	446221	9-	PUNA_MYCTU	Fu	447268	DA	1N3I	1RSZ	1I80	39.31	0.78	Sc=5.75163, min distance = 2.658469
PNPH_HUMAN	F1	446728	CI	Q9GPQ4_TRYVI	I	6021	inos	1KIC	1RCT	1KIE			Sc=6.27463, min distance = 2.049263
PNPH_HUMAN	F1	447864	2'	DEOD_ECOLI	Fu	6021	inos	1PR0	1RCT	1PKE		0.75	Sc=6.23494, min distance = 2.318124
PNPH_HUMAN	F1	448488	1s	TGT_ZYMMO	Fu	764	guani	2PWU	1V2H	1S38			Sc=6.00198, min distance = 2.082767

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PNPH_HUMAN	F1	4604 Oxor	URIC_ASPFL	Fu: 764 guani	1XT4	1V2H	1R4U		Sc=5.78234, min distance = 2.365421
PNPH_HUMAN	F1	5326622 C	URIC_ASPFL	Fu: 764 guani	1XT4	1V2H	3BJP		Sc=5.8845, min distance = 2.0361554
PNPH_HUMAN	F1	60961 ade	DEOD_ECOLI	Fu: 6021 inos	1PR0	1RCT	1PK7	0.79	Sc=6.27945, min distance = 1.964031
PNPH_HUMAN	F1	76726 5,6	URIC_ASPFL	Fu: 764 guani	1XT4	1V2H	1WS2		Sc=5.72885, min distance = 1.816985
PNPH_HUMAN	F1	97184 6-M	DEOD_ECOLI	Fu: 6021 inos	1PR0	1RCT	1OVG		Sc=6.23989, min distance = 1.549244
PNPO_HUMAN	F1	5326566 1	BLVRB_HUMAN	F1 444243 FA	1HE4	1NRG	1HE5	0.82	Sc=6.16763, min distance = 2.525531
PNPO_HUMAN	F1	5326566 1	Q9WZW1_THEMA	1 444243 FA	1T6Y	1NRG	1S4M	0.82	Sc=6.19851, min distance = 1.991336
PNTAA_RHORT	I	5957 Ader	PPNK_ARCFU	Fu: 5893 nadi	1Z0Z	1L7E	1Z0S		Sc=6.43744, min distance = 0.712554
PNTAA_RHORT	I	6022 Ader	PNTAA_RHORU	F1 5893 nadi	2FSV	1L7E	2FR8		Sc=6.38293, min distance = 2.261526
PNTAA_RHORU	I	448826 AE	PNTAA_RHORT	F1 5893 nadi	1L7E	2FSV	1U2G		Sc=6.16472, min distance = 1.811961
PNTB_RHORT	F1	15942680	6PGD_LACLM	Fu: 5886 NADF	2IZ0	1PNO	2IZ1		Sc=6.27439, min distance = 2.094794
PNTB_RHORT	F1	16040277	PNTB_RHORU	Fu: 5886 NADF	2FSV	1PNO	2OOR	0.79	Sc=6.82883, min distance = 2.228406
PNTB_RHORT	F1	440141 9i	DHB1_HUMAN	Fu: 5886 NADF	1QYV	1PNO	1QYW		Sc=6.47291, min distance = 2.091959
PNTB_RHORU	F1	15942680	6PGD_LACLM	Fu: 5886 NADF	2IZ0	2FSV	2IZ1		Sc=6.34618, min distance = 0.740590
PNTB_RHORU	F1	3080718 C	NNTM_HUMAN	Fu: 5886 NADF	1DJL	2FSV	1PT9	0.9	Sc=6.81757, min distance = 2.672151
PNTB_RHORU	F1	440141 9i	DHB1_HUMAN	Fu: 5886 NADF	1QYV	2FSV	1QYW		Sc=6.45927, min distance = 2.256507
POLG_CXA21	F1	65052 4-H	INS_HUMAN	Fu: 69492 Myr	1XDA	1Z7S	1BEN		Sc=5.61464, min distance = 1.751964
POLG_CXB3W	F1	175468 12	LACB_BOVIN	Fu: 985 palmi	1GXA	1COV	1BSO	0.83	Sc=5.77273, min distance = 3.119857
POLG_CXB3W	F1	5496506 s	POLG_POL1M	Fu: 985 palmi	1HXS	1COV	1AL2		Sc=6.14751, min distance = 2.765326
POLG_CXB3W	F1	91486 Sph	POLG_POL1M	Fu: 985 palmi	1HXS	1COV	2PLV		Sc=6.13845, min distance = 2.155442
POLG_DEN2P	F1	3059 dif1	ALBU_HUMAN	Fu: 311 citri	1TF0	2P41	2BXE		Sc=5.84628, min distance = 2.264991
POLG_DEN2P	F1	447532 1c	SRC_HUMAN	Fu: 311 citri	1O4L	2P41	1O4H		Sc=5.98826, min distance = 2.520410
POLG_DEN2P	F1	8582 Inos	RNAS1_BOVIN	F1 6804 guan	1RNC	2P3Q	1Z6D	0.99	Sc=6.3486, min distance = 2.2991496
POLG_DEN2T	F1	439680 be	HEMA_I63A3	Fu: 82313 1rd	1MQL	1TG8	1MQM		Sc=5.65341, min distance = 2.021894
POLG_DEN4T	F1	446090 1h	NDKC_DICDI	Fu: 6022 Aden	1KDN	2JLX	1HIY	0.97	Sc=6.43556, min distance = 1.712799
POLG_DEN4T	F1	447916 ac	RIO1_ARCFU	Fu: 6022 Aden	1ZTH	2JLX	1ZTF	0.95	Sc=6.18281, min distance = 1.819186
POLG_DEN4T	F1	6083 ader	PURP_METJA	Fu: 6022 Aden	2R7N	2JLX	2R7M	0.99	Sc=5.9546, min distance = 2.6032241
POLG_DEN4T	F1	6804 guar	NDK_PYRHO	Fu: 6022 Aden	2DYA	2JLX	2DXF	0.8	Sc=6.0035, min distance = 2.1301871
POLG_DEN4T	F1	8977 1dar	PARM_ECOLX	Fu: 6022 Aden	1MWM	2JLX	2ZGY	0.8	Sc=6.44121, min distance = 2.185719
POLG_EC01F	F1	151008 N-	CPXB_BACME	Fu: 985 palmi	1FAG	1EV1	1JPZ		Sc=6.27735, min distance = 2.075781
POLG_EC01F	F1	175468 12	LACB_BOVIN	Fu: 985 palmi	1GXA	1EV1	1BSO	0.83	Sc=5.81768, min distance = 2.610295
POLG_EC01F	F1	448769 1t	FABP4_HUMAN	F1 985 palmi	2HNX	1EV1	1TOW		Sc=5.98339, min distance = 2.155011
POLG_EC01F	F1	5280934 1	NLTP_MAIZE	Fu: 985 palmi	1MZM	1EV1	1FK6	0.75	Sc=5.99435, min distance = 2.383298
POLG_HRV14	F1	5496506 s	POLG_POL1M	Fu: 91486 Sph	2PLV	1K5M	1AL2	66.07	Sc=6.01519, min distance = 2.203145
POLG_HRV16	F1	127504 AI	POLG_HRV14	Fu: 1684 Plec	1NCQ	1NCR	1R09	55.31	Sc=5.99657, min distance = 2.146444
POLG_HRV16	F1	1360 AIDS	POLG_HRV14	Fu: 1684 Plec	1NCQ	1NCR	1HRI	55.31	Sc=5.8752, min distance = 2.2086552
POLG_HRV16	F1	448417 W8	POLG_HRV14	Fu: 1684 Plec	1NCQ	1NCR	1RUD	55.31	Sc=6.1583, min distance = 2.5277408

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POLG_HRV16	F1	449079	SI	POLG_HRV14	Fu	1684	Plec	1NCQ	1NCR	1VRH	55.31		Sc=6.11128, min distance = 1.897511
POLG_HRV16	F1	449391	W4	POLG_HRV14	Fu	1684	Plec	1NCQ	1NCR	2RM2	55.31		Sc=6.16961, min distance = 2.057454
POLG_HRV16	F1	449395	W8	POLG_HRV14	Fu	1684	Plec	1NCQ	1NCR	2RR1	55.31		Sc=6.15527, min distance = 2.465044
POLG_HRV16	F1	449396	W5	POLG_HRV14	Fu	1684	Plec	1NCQ	1NCR	2RS3	55.31		Sc=6.18583, min distance = 2.132240
POLG_HRV16	F1	449397	Cd	POLG_HRV14	Fu	1684	Plec	1NCQ	1NCR	2RS5	55.31		Sc=6.09451, min distance = 1.740068
POLG_HRV16	F1	73181	AID	POLG_HRV14	Fu	1684	Plec	1NCQ	1NCR	2HWC	55.31		Sc=6.10276, min distance = 2.662435
POLG_HRV1A	F1	1360	AIDS	POLG_HRV14	Fu	449352	CI	2HWB	2HWD	1HRI	43.92		Sc=5.78796, min distance = 2.781715
POLG_HRV1A	F1	1360	AIDS	POLG_HRV14	Fu	73181	AID	2HWC	2HWE	1HRI	43.92		Sc=5.78118, min distance = 2.226701
POLG_HRV1A	F1	1684	Plec	POLG_HRV14	Fu	449352	CI	2HWB	2HWD	1NCQ	43.92		Sc=5.91647, min distance = 2.594236
POLG_HRV1A	F1	448416	W3	POLG_HRV14	Fu	449352	CI	2HWB	2HWD	1RUE	43.92	0.9	Sc=5.83992, min distance = 2.901411
POLG_HRV1A	F1	448416	W3	POLG_HRV14	Fu	73181	AID	2HWC	2HWE	1RUE	43.92	0.92	Sc=5.84585, min distance = 2.806112
POLG_HRV1A	F1	449397	Cd	POLG_HRV14	Fu	73181	AID	2HWC	2HWE	2RS5	43.92		Sc=5.89372, min distance = 2.663924
POLG_KUNJM	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2OY0	1Z3C		0.91	Sc=6.22601, min distance = 2.543412
POLG_KUNJM	F1	21945395		SETD7_HUMAN	F1	439155	Ad	2F69	2OY0	1XQH		0.88	Sc=6.18322, min distance = 1.851289
POLG_KUNJM	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2OY0	1JQE		0.95	Sc=6.49376, min distance = 2.258964
POLG_KUNJM	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2OY0	1JG2		0.84	Sc=6.27193, min distance = 2.540739
POLG_KUNJM	F1	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	2OY0	1QAQ		0.88	Sc=6.55441, min distance = 2.515251
POLG_KUNJM	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2OY0	2HV9		0.88	Sc=6.52461, min distance = 2.616698
POLG_KUNJM	F1	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2OY0	2ZBR		0.88	Sc=6.54918, min distance = 2.401881
POLG_MVEV5	F1	12771338		MCES_HUMAN	Fu	439155	Ad	3BGV	2PX2	3EPP		0.88	Sc=6.54452, min distance = 2.495545
POLG_MVEV5	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2PX2	1Z3C		0.91	Sc=6.54168, min distance = 2.676167
POLG_MVEV5	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2PXC	1H1D		0.92	Sc=6.53097, min distance = 2.301708
POLG_MVEV5	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2PX2	1JQE		0.95	Sc=6.49214, min distance = 2.366324
POLG_MVEV5	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2PX2	1JG2		0.84	Sc=6.2837, min distance = 2.4482787
POLG_MVEV5	F1	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	2PX2	1QAQ		0.88	Sc=6.56065, min distance = 2.020284
POLG_MVEV5	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2PX2	2HV9		0.88	Sc=6.51645, min distance = 2.538699
POLG_MVEV5	F1	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2PX2	2ZBR		0.88	Sc=6.55, min distance = 2.276821907
POLG_MVEV5	F1	6852187	2	Q70GK9_STRCT	I	34756	Acy	1RQP	2PXC	2CBX		0.84	Sc=6.17859, min distance = 1.266924
POLH_YEAST	F1	119119	Di	DPO42_SULSO	F1	65091	dCT	2ASD	2R8J	1S97		0.93	Sc=6.15478, min distance = 2.202419
POLH_YEAST	F1	15942678		DPOLB_HUMAN	F1	65091	dCT	1MQ3	2R8J	2ISO			Sc=5.9854, min distance = 2.3619511
POLH_YEAST	F1	187790	de	DPOL_BPR69	Fu	65091	dCT	1Q9Y	2R8J	1Q9X			Sc=6.10761, min distance = 2.418702
POLH_YEAST	F1	64968	dTT	DPO42_SULSO	F1	65091	dCT	2ASD	2R8J	1S00		0.75	Sc=5.63416, min distance = 2.759599
POLH_YEAST	F1	64968	dTT	DPOLL_HUMAN	F1	65091	dCT	2PFP	2R8J	2BCV		0.75	Sc=5.6228, min distance = 2.6952792
POLH_YEAST	F1	64968	dTT	DPOL_BPR69	Fu	65091	dCT	1Q9Y	2R8J	3CQ8		0.75	Sc=5.62891, min distance = 2.597060
POLH_YEAST	F1	64968	dTT	POLI_HUMAN	Fu	65091	dCT	2DPI	2R8J	1T3N		0.75	Sc=5.63907, min distance = 2.532351
POLH_YEAST	F1	65103	dGT	DPO42_SULSO	F1	65091	dCT	2ASD	2R8J	2JEJ			Sc=5.94245, min distance = 2.582751
POLI_HUMAN	F1	65103	dGT	DPO42_SULSO	F1	65091	dCT	2ASD	2DPI	2JEJ			Sc=5.63523, min distance = 2.658551

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POLI_HUMAN	Fu: 656930	DI	DPO42_SULSO	Fu: 64968	dtT	1S00	1T3N	1S9F		Sc=6.09005, min distance = 2.350140
POLK_HUMAN	Fu: 5481180	DI	POL_HV1B1	Ful: 64968	dtT	1RTD	2OH2	1T05		Sc=5.90035, min distance = 1.883769
POLK_HUMAN	Fu: 65051	ddT	DPOLL_HUMAN	Fu: 64968	dtT	2BCV	2OH2	1XSN	0.94	Sc=5.62537, min distance = 2.421970
POLK_HUMAN	Fu: 656930	DI	DPO42_SULSO	Fu: 64968	dtT	1S00	2OH2	1S9F		Sc=6.1728, min distance = 2.448480
POL_HV192	Fu: 16122613		POL_HV1BR	Ful: 5362440	i	1SDU	2R5P	2PK5		Sc=6.20297, min distance = 2.622359
POL_HV192	Fu: 16122614		POL_HV1BR	Ful: 5362440	i	1SDU	2R5P	2PK6	0.76	Sc=6.33327, min distance = 2.324290
POL_HV192	Fu: 392622	ri	POL_HV1BR	Ful: 5362440	i	1SDU	2R5P	1RL8		Sc=6.07904, min distance = 1.750510
POL_HV192	Fu: 392622	ri	POL_HV1BR	Ful: 64143	neI	2PYN	2R5Q	1RL8		Sc=5.90661, min distance = 2.331610
POL_HV192	Fu: 468045	li	POL_HV1BR	Ful: 5362440	i	1SDU	2R5P	1IZI		Sc=6.19527, min distance = 1.963240
POL_HV1A2	Fu: 65023	1hi	POL_HV2RO	Ful: 213039	Da	3EBZ	1T3R	1HII	50	Sc=6.20578, min distance = 2.451209
POL_HV1B1	Fu: 119119	DI	DPO42_SULSO	Fu: 64968	dtT	1S00	1RTD	1S97		Sc=5.74463, min distance = 1.854919
POL_HV1B1	Fu: 15993	dAT	DPOL_BPR69	Fu: 64968	dtT	3CQ8	1RTD	2OZS		Sc=5.92247, min distance = 2.320750
POL_HV1B1	Fu: 64689	bet	P74325_SYNY3	I	5988	sucr	1TJ5	2BE2	0.87	Sc=5.76862, min distance = 2.530530
POL_HV1B1	Fu: 65091	dCT	DPO42_SULSO	Fu: 64968	dtT	1S00	1RTD	2ASD	0.75	Sc=5.82044, min distance = 2.280370
POL_HV1B1	Fu: 656930	DI	DPO42_SULSO	Fu: 64968	dtT	1S00	1RTD	1S9F		Sc=6.13604, min distance = 2.431010
POL_HV1B5	Fu: 65023	1hi	POL_HV2RO	Ful: 213039	Da	3EBZ	3D20	1HII	57.58	Sc=6.18438, min distance = 2.763220
POL_HV1BR	Fu: 65023	1hi	POL_HV2RO	Ful: 457409	AI	3ECG	2QD7	1HII	58.35	Sc=6.02573, min distance = 2.839070
POL_HV1BR	Fu: 65023	1hi	POL_HV2RO	Ful: 5362440	i	1HSH	1SDU	1HII	58.35	Sc=6.25904, min distance = 2.693510
POL_HV1N5	Fu: 4775	Benz	THER_BACTH	Fu: 12136	Ben	1KRO	9HVP	1THL		Sc=5.716, min distance = 2.03691800
POL_HV1N5	Fu: 51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	2GON	1YBA	0.76	Sc=5.73246, min distance = 1.012480
POL_HV1Y2	Fu: 392622	ri	POL_HV1A2	Ful: 213039	Da	1T3R	1T7I	1N49		Sc=5.90131, min distance = 2.180470
POL_HV1Y2	Fu: 392622	ri	POL_HV1BR	Ful: 5362440	i	1SDU	1K6C	1RL8		Sc=6.07132, min distance = 1.402100
POL_HV1Y2	Fu: 444480	1k	POL_HV1A2	Ful: 213039	Da	1T3R	1T7I	1B6L		Sc=5.93139, min distance = 2.509580
POL_HV2RO	Fu: 148192	At	POL_HV1B1	Ful: 65023	1hi	1HIH	1HII	2AQU	60	Sc=6.08712, min distance = 2.605550
POL_HV2RO	Fu: 16122613		POL_HV1BR	Ful: 5362440	i	1SDU	1HSH	2PK5	58.35	Sc=6.30641, min distance = 2.674160
POL_HV2RO	Fu: 16122614		POL_HV1BR	Ful: 457409	AI	2QD7	3ECG	2PK6	58.35	Sc=6.39814, min distance = 2.084210
POL_HV2RO	Fu: 16122614		POL_HV1BR	Ful: 5362440	i	1SDU	1HSH	2PK6	58.35	0.76 Sc=6.31824, min distance = 2.524760
POL_HV2RO	Fu: 392622	ri	POL_HV1A2	Ful: 213039	Da	1T3R	3EBZ	1N49	50	Sc=6.17574, min distance = 1.477850
POL_HV2RO	Fu: 392622	ri	POL_HV1BR	Ful: 457409	AI	2QD7	3ECG	1RL8	58.35	Sc=6.03646, min distance = 2.134090
POL_HV2RO	Fu: 392622	ri	POL_HV1BR	Ful: 5362440	i	1SDU	1HSH	1RL8	58.35	Sc=6.12676, min distance = 1.777540
POL_HV2RO	Fu: 441243	Fc	O09893_9HIV1	I	5362440	i	1C6Y	1HSH	49.49	0.77 Sc=6.1549, min distance = 2.1332710
POL_HV2RO	Fu: 444192	1g	POL_HV1B1	Ful: 65023	1hi	1HIH	1HII	1AXA	60	Sc=5.9039, min distance = 2.3043640
POL_HV2RO	Fu: 444192	1g	POL_HV1B1	Ful: 9547976	2	2HB3	3EC0	1AXA	60	Sc=6.69056, min distance = 2.504840
POL_HV2RO	Fu: 444480	1k	POL_HV1A2	Ful: 213039	Da	1T3R	3EBZ	1B6L	50	Sc=6.0354, min distance = 2.4565360
POL_HV2RO	Fu: 444756	2k	O09893_9HIV1	I	5362440	i	1C6Y	1HSH	49.49	0.77 Sc=5.80283, min distance = 2.111950
POL_HV2RO	Fu: 445303	IN	POL_HV1B1	Ful: 65023	1hi	1HIH	1HII	1EBW	60	Sc=5.66432, min distance = 2.354040
POL_HV2RO	Fu: 445308	1e	POL_HV1B1	Ful: 65023	1hi	1HIH	1HII	1EC2	60	Sc=5.61317, min distance = 2.351940

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POL_HV2RO	Fu: 445309	1e	POL_HV1B1	Ful: 65023	1hi	1HIH	1EC3	60	Sc=5.71822, min distance = 2.33033		
POL_SIVM1	Fu: 392622	ri	POL_HV1BR	Ful: 444196	1a	1AAQ	1SIV	1RL8	Sc=5.972, min distance = 1.0350173		
POL_SIVM1	Fu: 448921	CI	POL_HV1BR	Ful: 444196	1a	1AAQ	1SIV	1UPJ	Sc=5.92304, min distance = 2.33426		
POXB_LACPL	Fu: 124687	1r	ODP1_ECOLI	Fu: 1132	thia	1L8A	2EZ4	1RP7	0.79	Sc=6.02172, min distance = 2.09820	
POXB_LACPL	Fu: 24836827		BZNB_PSEFL	Fu: 1132	thia	2UZ1	2EZ4	3D7K		Sc=5.94705, min distance = 1.88530	
POXB_LACPL	Fu: 444421	CI	MDLC_PSEPU	Fu: 1132	thia	1BFD	2EZ4	2FWN	24.86	0.82	Sc=6.40926, min distance = 2.56628
POXB_LACPL	Fu: 448671	2-	ILVB_YEAST	Fu: 1132	thia	1N0H	2EZ4	1T9B	26.02		Sc=5.72421, min distance = 2.91433
POXB_LACPL	Fu: 448673	PE	ILVB_YEAST	Fu: 1132	thia	1N0H	2EZ4	1T9B	26.02		Sc=5.84383, min distance = 2.20390
POXB_LACPL	Fu: 448722	1t	TKT1_YEAST	Fu: 1132	thia	1TRK	2EZ4	1TKB		0.78	Sc=6.42957, min distance = 2.42740
POXB_LACPL	Fu: 6802	guar	RNAS1_BOVIN	Fu: 6022	Aden	100H	1Y9D	1EOW		0.75	Sc=6.20436, min distance = 1.62627
PP1B_HUMAN	Fu: 439353	be	O96048_LUMTE	1	8172	Trig	2DRY	1S70	2DS0		Sc=5.69804, min distance = 1.63905
PPAC_BOVIN	Fu: 125409	be	XYNA_BACSU	Fu: 23831	HEP	2B45	1DG9	2QZ3			Sc=5.60724, min distance = 2.09397
PPAC_BOVIN	Fu: 164795	N	RBCMT_PEA	Fu: 23831	HEP	1MLV	1DG9	2H2J			Sc=5.81535, min distance = 2.57448
PPAC_BOVIN	Fu: 445939	1g	PPTA_ECOLI	Fu: 23831	HEP	1GYX	1DG9	1GYY			Sc=5.90396, min distance = 2.27275
PPAC_BOVIN	Fu: 854023	Ex	Q8WSF8_APLCA	1	23831	HEP	2BR7	1DG9	2BYQ		Sc=5.72819, min distance = 1.93484
PPAC_STRAS	Fu: 6140	L-ph	THER_BACTH	Fu: 6305	L-tr	1THL	2ENX	1OS0			Sc=5.80323, min distance = 2.15879
PPAL_YEAST	Fu: 100684	9-	RICI_RICCO	Fu: 190	adeni	2P8N	1D2A	1IL4			Sc=5.65237, min distance = 2.46974
PPAL_YEAST	Fu: 11979	5-M	COBT_SALTY	Fu: 190	adeni	1JH8	1D2A	1JHM			Sc=5.65339, min distance = 2.49035
PPAL_YEAST	Fu: 164795	N	RBCMT_PEA	Fu: 23831	HEP	1MLV	1D1P	2H2J			Sc=5.86794, min distance = 1.81461
PPAL_YEAST	Fu: 445939	1g	PPTA_ECOLI	Fu: 23831	HEP	1GYX	1D1P	1GYY			Sc=5.89451, min distance = 2.13392
PPAL_YEAST	Fu: 446312	1i	RICI_RICCO	Fu: 190	adeni	2P8N	1D2A	1IL9			Sc=5.67725, min distance = 3.03079
PPAL_YEAST	Fu: 5287547	6	PURR_ECOLI	Fu: 190	adeni	2PUB	1D2A	2PUA		0.9	Sc=5.72381, min distance = 2.73166
PPAL_YEAST	Fu: 5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	1D2A	1S2I	0.93	Sc=5.68688, min distance = 2.19221
PPAL_YEAST	Fu: 78598	5-M	COBT_SALTY	Fu: 190	adeni	1JH8	1D2A	1JHP			Sc=5.71485, min distance = 2.12934
PPAL_YEAST	Fu: 8200	TET	Q8WSF8_APLCA	1	23831	HEP	2BR7	1D1P	2BYN		Sc=5.72488, min distance = 1.09357
PPAP_HUMAN	Fu: 854023	Ex	Q8WSF8_APLCA	1	62551	Pen	2BYN	1ND6	2BYQ		Sc=5.77382, min distance = 1.25576
PPARA_HUMAN	1	445655	rc	PPARG_HUMAN	Fu: 208901	Te	1I7I	1I7G	1ZGY	64.06	Sc=6.31231, min distance = 2.64853
PPARA_HUMAN	1	447458	Re	PPARG_HUMAN	Fu: 208901	Te	1I7I	1I7G	1NYX	64.06	Sc=6.24391, min distance = 1.93680
PPARA_HUMAN	1	9549225	2	PPARG_HUMAN	Fu: 208901	Te	1I7I	1I7G	2GTK	64.06	Sc=6.3229, min distance = 1.71028
PPARG_HUMAN	1	9956726		PPARA_HUMAN	Fu: 208901	Te	1I7G	1I7I	2P54	64.06	Sc=6.41883, min distance = 0.65974
PPB1_HUMAN	Fu: 5962	L-ly	THER_BACTH	Fu: 6140	L-ph	1OS0	1ZEF	1KEI			Sc=5.65103, min distance = 2.20159
PPB1_HUMAN	Fu: 6305	L-tr	THER_BACTH	Fu: 6140	L-ph	1OS0	1ZEF	1THL			Sc=6.01085, min distance = 2.00733
PPB1_HUMAN	Fu: 71083	D-H	CAH2_HUMAN	Fu: 6140	L-ph	2FMG	1ZEF	2EZ7			Sc=5.82924, min distance = 1.90258
PPCKC_HUMAN	1	36735	Gpp	FTSY_THEAQ	Fu: 93082	Gab	1RJ9	1KHB	2J7P	0.99	Sc=6.49234, min distance = 2.46265
PPCKC_HUMAN	1	36735	Gpp	RAC3_HUMAN	Fu: 93082	Gab	2QME	1KHB	2IC5	0.99	Sc=6.49679, min distance = 2.57099
PPCKC_HUMAN	1	446248	CI	RASH_HUMAN	Fu: 93082	Gab	121P	1KHB	1IAQ		Sc=6.48532, min distance = 2.39257
PPCKC_HUMAN	1	8977	1da	FTSY_THEAQ	Fu: 93082	Gab	1RJ9	1KHB	2IYL	0.99	Sc=6.41775, min distance = 2.10217

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PPCKC_RAT	Fu: 164795 N	RBCMT_PEA	Fu: 23831 HEP	1MLV	3DTB	2H2J		Sc=5.68874, min distance = 1.89686
PPCKC_RAT	Fu: 37792 gar	GNAI1_RAT	Fu: 8977 1dar	1SVK	3DTB	1AS0	0.99	Sc=6.5042, min distance = 2.534577
PPCKC_RAT	Fu: 37792 gar	GNAT1_BOVIN	Fu: 8977 1dar	1TAD	3DTB	1TND	0.99	Sc=6.51479, min distance = 2.20027
PPCKC_RAT	Fu: 37792 gar	RAC1_HUMAN	Fu: 8977 1dar	1RYF	3DTB	2FJU	0.99	Sc=6.52415, min distance = 2.46182
PPCKC_RAT	Fu: 37792 gar	RHOA_HUMAN	Fu: 8977 1dar	1TX4	3DTB	1CXZ	0.99	Sc=6.51705, min distance = 2.40537
PPCKC_RAT	Fu: 439710 rh	IGKC_MOUSE	Fu: 23831 HEP	1P7K	3DTB	3BZ4		Sc=5.74159, min distance = 0.87661
PPCKC_RAT	Fu: 444845 1c	RASH_HUMAN	Fu: 8977 1dar	2CE2	3DTB	1CLU	0.97	Sc=6.55509, min distance = 1.55062
PPCKC_RAT	Fu: 445871 CI	RASH_HUMAN	Fu: 8977 1dar	2CE2	3DTB	1GNP		Sc=6.70536, min distance = 2.29541
PPCKC_RAT	Fu: 446248 CI	RAN_HUMAN	Fu: 8977 1dar	3CH5	3DTB	1IBR		Sc=6.53083, min distance = 2.28614
PPCKC_RAT	Fu: 448405 CI	ARF1_RAT	Fu: 8977 1dar	1RRG	3DTB	1RRF		Sc=6.45364, min distance = 2.43880
PPCKC_RAT	Fu: 5962 L-ly	RBCMT_PEA	Fu: 23831 HEP	1MLV	3DTB	2H2E		Sc=5.60731, min distance = 1.68438
PPCKC_RAT	Fu: 6802 guar	DPOL_BPR69	Fu: 8977 1dar	1CLQ	3DTB	1IH7	0.94	Sc=6.27945, min distance = 2.06283
PPCKC_RAT	Fu: 6804 guar	EF1A_YEAST	Fu: 8977 1dar	2B7B	3DTB	1G7C	0.99	Sc=6.39535, min distance = 2.65098
PPCKC_RAT	Fu: 8582 Inos	PURA1_MOUSE	Fu: 8977 1dar	1LON	3DTB	1IWE	0.99	Sc=6.38508, min distance = 2.62541
PPCKC_RAT	Fu: 93082 Gal	CDC42_HUMAN	Fu: 8977 1dar	2NGR	3DTB	2ODB	0.99	Sc=6.54922, min distance = 2.57084
PPCKC_RAT	Fu: 93082 Gal	EFG_THETH	Fu: 8977 1dar	2BM0	3DTB	2J7K	0.99	Sc=6.53811, min distance = 1.85645
PPCKC_RAT	Fu: 93082 Gal	FTSY_THEAQ	Fu: 8977 1dar	2IYL	3DTB	1RJ9	0.99	Sc=6.58952, min distance = 2.02344
PPCKC_RAT	Fu: 93082 Gal	RAC3_HUMAN	Fu: 8977 1dar	2C2H	3DTB	2QME	0.99	Sc=6.55157, min distance = 2.36780
PPCKC_RAT	Fu: 93082 Gal	RASH_HUMAN	Fu: 6830 guan	2CL7	3DT4	121P	0.99	Sc=6.54206, min distance = 2.24137
PPCKC_RAT	Fu: 93082 Gal	RASH_HUMAN	Fu: 8977 1dar	2CE2	3DTB	121P	0.99	Sc=6.54319, min distance = 2.20101
PPCKM_CHICK	1 37792 gar	GNAI1_RAT	Fu: 8977 1dar	1SVK	2FAH	1AS0	0.99	Sc=6.51057, min distance = 2.47216
PPCKM_CHICK	1 37792 gar	RAB6B_HUMAN	Fu: 8977 1dar	2E9S	2FAH	2FFQ	0.99	Sc=6.52116, min distance = 2.48834
PPCKM_CHICK	1 37792 gar	RAC1_HUMAN	Fu: 8977 1dar	1RYF	2FAH	2FJU	0.99	Sc=6.533, min distance = 2.4338284
PPCKM_CHICK	1 37792 gar	RB11A_HUMAN	Fu: 8977 1dar	1OIX	2FAH	1OIW	0.99	Sc=6.06948, min distance = 2.55318
PPCKM_CHICK	1 37792 gar	RHOA_HUMAN	Fu: 8977 1dar	1TX4	2FAH	1CXZ	0.99	Sc=6.52457, min distance = 2.39860
PPCKM_CHICK	1 446248 CI	RAN_HUMAN	Fu: 8977 1dar	3CH5	2FAH	1IBR		Sc=6.54024, min distance = 2.31665
PPCKM_CHICK	1 6802 guar	DPOL_BPR69	Fu: 8977 1dar	1CLQ	2FAH	1IH7	0.94	Sc=6.28916, min distance = 2.03403
PPCKM_CHICK	1 6804 guar	EF1A_YEAST	Fu: 8977 1dar	2B7B	2FAH	1G7C	0.99	Sc=6.39217, min distance = 2.62102
PPCKM_CHICK	1 8582 Inos	PURA1_MOUSE	Fu: 8977 1dar	1LON	2FAH	1IWE	0.99	Sc=6.38203, min distance = 2.59584
PPCKM_CHICK	1 93082 Gal	CDC42_HUMAN	Fu: 8977 1dar	2NGR	2FAH	2ODB	0.99	Sc=6.55438, min distance = 2.56565
PPCK_ANASU	Fu: 444564 Ad	MYS2_DICDI	Fu: 5957 Aden	1FMW	1YTM	1W9I	0.91	Sc=6.01482, min distance = 0
PPCK_ANASU	Fu: 447916 ac	RIO1_ARCFU	Fu: 5957 Aden	1ZP9	1YTM	1ZTF	0.94	Sc=6.26717, min distance = 2.43532
PPCK_ANASU	Fu: 6022 Ader	ARSA1_ECOLX	Fu: 5957 Aden	1II0	1YTM	1IHU	0.99	Sc=6.0267, min distance = 2.178008
PPCK_ANASU	Fu: 6022 Ader	BIOD_ECOLI	Fu: 5957 Aden	1A82	1YTM	1DAD	0.99	Sc=6.01482, min distance = 2.53882
PPCK_ANASU	Fu: 6022 Ader	HSP7F_YEAST	Fu: 5957 Aden	3D2F	1YTM	3C7N	0.99	Sc=6.01546, min distance = 2.25178
PPCK_ANASU	Fu: 6022 Ader	KTHY_HUMAN	Fu: 5957 Aden	1E2Q	1YTM	1NN3	0.99	Sc=6.01776, min distance = 2.32225
PPCK_ANASU	Fu: 6022 Ader	Q72H90_THET2	1 5957 Aden	2BEK	1YTM	2BEJ	0.99	Sc=6.0094, min distance = 2.277014

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PPCK_ANASU	F1	6338561	C	MYS2_DICDI	Fu:	5957	Aden	1FMW	1YTM	1D0X		Sc=6.2536, min distance = 0
PPCK_ANASU	F1	6338562	C	MYS2_DICDI	Fu:	5957	Aden	1FMW	1YTM	1D0Y		Sc=6.2583, min distance = 0
PPCK_ANASU	F1	6338566	C	MYS2_DICDI	Fu:	5957	Aden	1FMW	1YTM	1D1C		Sc=6.2528, min distance = 0
PPCK_ECOLI	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2OLR	2VNW		Sc=6.1587, min distance = 2.144384
PPCK_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu:	5957	Aden	1A82	2OLR	1BS1	0.91	Sc=6.46828, min distance = 2.357720
PPCK_ECOLI	F1	444564	AD	MYS2_DICDI	Fu:	5957	Aden	1FMW	2OLR	1W9I	0.91	Sc=6.10431, min distance = 0
PPCK_ECOLI	F1	444564	AD	MYS2_DICDI	Fu:	6022	Aden	1VOM	1K3C	1W9I	0.91	Sc=6.44264, min distance = 2.236840
PPCK_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu:	5957	Aden	2V7Q	2OLR	1COW	0.91	Sc=6.53845, min distance = 2.137318
PPCK_ECOLI	F1	445940	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1K3C	1GZ8		Sc=6.16452, min distance = 2.615585
PPCK_ECOLI	F1	445966	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1K3C	1H0V		Sc=5.83032, min distance = 2.358020
PPCK_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	2OLR	1ZTF	0.94	Sc=6.27543, min distance = 2.504750
PPCK_ECOLI	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1K3C	1H1R		Sc=6.14004, min distance = 2.120830
PPCK_ECOLI	F1	6031	Urid	DCK_HUMAN	Fu:	6022	Aden	1P5Z	1K3C	2ZIA		Sc=5.90111, min distance = 2.349140
PPCK_ECOLI	F1	6031	Urid	ECX1_PYRAB	Fu:	6022	Aden	2PO0	1K3C	2PNZ		Sc=5.92039, min distance = 2.310415
PPCK_ECOLI	F1	6083	ader	Y059_METJA	Fu:	5957	Aden	2J9C	2OLR	2J9D	0.98	Sc=6.3787, min distance = 2.151924
PPCK_ECOLI	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	1K3C	1FMO	0.95	Sc=5.87576, min distance = 2.486865
PPCK_ECOLI	F1	6102784	Z	PSPF_ECOLI	Fu:	6022	Aden	2C98	1K3C	2C99	0.99	Sc=6.50524, min distance = 2.173350
PPCK_ECOLI	F1	6132	Cyti	ECX1_PYRAB	Fu:	6022	Aden	2PO0	1K3C	2PO2		Sc=6.36194, min distance = 2.449420
PPCK_ECOLI	F1	6338561	C	MYS2_DICDI	Fu:	5957	Aden	1FMW	2OLR	1D0X		Sc=6.24138, min distance = 0
PPCK_ECOLI	F1	6338565	I	MYS2_DICDI	Fu:	5957	Aden	1FMW	2OLR	1D1B		Sc=5.8836, min distance = 0
PPCK_ECOLI	F1	91532	AME	AROK_MYCTU	Fu:	6022	Aden	2IYV	1K3C	1ZYU	0.99	Sc=6.52946, min distance = 2.427810
PPCK_ECOLI	F1	91532	AME	KIF1A_MOUSE	F1	6022	Aden	1I5S	1K3C	1I6I	0.99	Sc=6.52736, min distance = 2.144340
PPCK_ECOLI	F1	91532	AME	NIFH1_AZOVI	F1	6022	Aden	1FP6	1K3C	2AFK	0.99	Sc=6.54206, min distance = 2.293640
PPCK_THET8	F1	24871491		INSR_HUMAN	Fu:	5957	Aden	3BU5	1XKV	2Z8C		Sc=5.8644, min distance = 2.1639370
PPCK_THET8	F1	4369183	C	NADE_BACSU	Fu:	5957	Aden	1NSY	1XKV	1IFX		Sc=6.27651, min distance = 2.119785
PPCK_THET8	F1	6022	Ader	MUTS_ECOLI	Fu:	5957	Aden	1W7A	1XKV	1OH7	0.99	Sc=5.99637, min distance = 2.363875
PPCK_THET8	F1	6022	Ader	PDXK_SHEEP	Fu:	5957	Aden	1LHR	1XKV	1RFU	0.99	Sc=5.9203, min distance = 1.9566520
PPK_ECOLI	Fu:	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1XDP	2UVY		Sc=6.06197, min distance = 2.110895
PPK_ECOLI	Fu:	6022	Ader	MALK_ECOLI	Fu:	5957	Aden	1Q12	1XDP	2AWN	0.99	Sc=5.89093, min distance = 1.263400
PPK_ECOLI	Fu:	6022	Ader	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	1XDP	1ZTH	0.99	Sc=5.87489, min distance = 1.432825
PPNK1_LISMO	I	447532	1c	SRC_HUMAN	Fu:	311	citri	1O4L	2I29	1O4H		Sc=5.93544, min distance = 2.348290
PPNK1_LISMO	I	448573	FI	CASP7_HUMAN	F1	311	citri	2QL9	2I29	1SHL		Sc=6.01778, min distance = 1.428100
PPNK_ARCFU	F1	11814433		PPNK1_LISMO	F1	5893	nadi	2I2F	1Z0Z	2I2D		Sc=6.26298, min distance = 2.213760
PPNK_ARCFU	F1	16741199		PPNK1_LISMO	F1	5886	NADF	2I2A	1Z0U	2I2C		Sc=6.22812, min distance = 2.010110
PPNK_ARCFU	F1	16741199		PPNK1_LISMO	F1	5893	nadi	2I2F	1Z0Z	2I2C		Sc=6.22149, min distance = 2.503270
PPNK_ARCFU	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	1Z0S	2J9D	0.99	Sc=5.87831, min distance = 1.914080
PPNK_ARCFU	F1	6083	ader	LPLA_THEAC	Fu:	5957	Aden	2ARU	1Z0S	2ART	0.98	Sc=5.86917, min distance = 2.234780

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PPNK_MYCTU	F1	16741199	PPNK1_LISMO	F1	5893	nadi	2I2F	1Y3I	2I2C			Sc=6.67739, min distance = 1.720316	
PPNK_MYCTU	F1	5957	Ader	PPNK_ARCFU	Fu	5893	nadi	1Z0Z	1Y3I	1Z0S		Sc=5.60057, min distance = 2.532019	
PPOM_TOBAC	F1	11987634		TYTR_TRYCR	Fu	444188	CI	1BZL	1SEZ	1AOG	0.97	Sc=6.42394, min distance = 2.225872	
PPOM_TOBAC	F1	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	1SEZ	1E39	0.93	Sc=6.41514, min distance = 2.136376	
PPOM_TOBAC	F1	16750117		LSD1_HUMAN	Fu	444188	CI	2DW4	1SEZ	2UXX	0.88	Sc=6.48554, min distance = 2.414230	
PPOM_TOBAC	F1	23631921		LSD1_HUMAN	Fu	444188	CI	2DW4	1SEZ	2Z3Y	0.91	Sc=6.48614, min distance = 2.786309	
PPOM_TOBAC	F1	24757937		LSD1_HUMAN	Fu	444188	CI	2DW4	1SEZ	2Z5U		Sc=6.48282, min distance = 2.551879	
PPOM_TOBAC	F1	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1SEZ	1QJD	0.98	Sc=6.41616, min distance = 2.033719	
PPOM_TOBAC	F1	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1SEZ	1BWC	0.98	Sc=6.41217, min distance = 2.292300	
PPOM_TOBAC	F1	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1SEZ	1JNZ	0.94	Sc=6.42332, min distance = 2.148210	
PPOM_TOBAC	F1	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1SEZ	3GRT	0.98	Sc=6.41913, min distance = 2.021888	
PPOM_TOBAC	F1	6420174	C	O28603_ARCFU	I	444188	CI	1JNR	1SEZ	2FJB	0.92	Sc=6.42938, min distance = 2.076478	
PPOM_TOBAC	F1	6420174	C	O28604_ARCFU	I	444188	CI	1JNR	1SEZ	2FJB	0.92	Sc=6.42774, min distance = 2.131867	
PPOX_MYXXA	F1	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	2IVD	1E39	0.93	Sc=6.1283, min distance = 2.3348720	
PPOX_MYXXA	F1	16741253		LSD1_HUMAN	Fu	444188	CI	2DW4	2IVD	2UXN	0.95	Sc=6.85374, min distance = 2.202300	
PPOX_MYXXA	F1	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	2IVD	1QJD	0.98	Sc=6.1289, min distance = 2.2944517	
PPT1_BOVIN	F1	185698	al	Q9HYN5_PSEAE	I	24139	ace	1W8F	1EH5	1OVS		Sc=5.7024, min distance = 0.8705544	
PPT2_HUMAN	F1	60961	ade	TRFL_BOVIN	Fu	444205	CI	2G93	1PJA	2DOJ		Sc=5.84681, min distance = 2.309900	
PPTA_ECOLI	F1	164795	N	RBCMT_PEA	Fu	23831	HEP	1MLV	1GYX	2H2J		Sc=5.78318, min distance = 2.039689	
PPTA_ECOLI	F1	854023	Ep	Q8WSF8_APLCA	I	23831	HEP	2BR7	1GYX	2BYQ		Sc=5.81305, min distance = 0.815390	
PQQC_KLEPN	F1	11987682		DHM1_METME	Fu	5326460	F	2AD8	1OTW	2AD6	0.83	Sc=6.52045, min distance = 2.320774	
PRDC1_HUMAN	I	8582	Inos	HPRT_ECOLI	Fu	6804	guan	1G9T	2JBH	1G9S	0.99	Sc=6.34357, min distance = 2.235420	
PRGR_HUMAN	F1	10472685		MCR_HUMAN	Fu	5994	prog	2AA6	1A28	2A3I	56.85	0.77	Sc=6.33288, min distance = 2.743280
PRGR_HUMAN	F1	11522441		ANDR_HUMAN	Fu	261000	Me	1XOW	1E3K	2PIP	55.69		Sc=5.90086, min distance = 2.107100
PRGR_HUMAN	F1	11560224		ANDR_HUMAN	Fu	261000	Me	1XOW	1E3K	2HVC	55.69		Sc=6.04164, min distance = 1.664529
PRGR_HUMAN	F1	11987686		P71278_ENTCL	I	5994	prog	2ABA	1A28	1H61			Sc=6.4203, min distance = 2.3012730
PRGR_HUMAN	F1	11987810		MCR_HUMAN	Fu	5994	prog	2AA6	1A28	2AA2	56.85		Sc=6.3457, min distance = 2.8280649
PRGR_HUMAN	F1	11987811		MCR_HUMAN	Fu	5994	prog	2AA6	1A28	2ABI	56.85	0.83	Sc=6.23745, min distance = 2.655534
PRGR_HUMAN	F1	13472	Bo	P71278_ENTCL	I	5994	prog	2ABA	1A28	1H62	0.96		Sc=6.01925, min distance = 2.542808
PRGR_HUMAN	F1	445033	CI	P71278_ENTCL	I	5994	prog	2ABA	1A28	1H60	0.8		Sc=6.08159, min distance = 2.731870
PRGR_HUMAN	F1	6166	Desc	MCR_HUMAN	Fu	5994	prog	2AA6	1A28	1Y9R	56.85	0.85	Sc=6.23745, min distance = 2.457267
PRIM_BPT7	Fu	5789	thyr	RMLA1_ECOLI	F1	164628	de	1H5T	1CR4	1H5R	0.9		Sc=6.03853, min distance = 2.024640
PRIM_BPT7	Fu	6338561	C	MYS2_DICDI	Fu	33113	gar	1MMN	1E0J	1D0X			Sc=6.18677, min distance = 2.308948
PRIM_BPT7	Fu	65103	dGT	RIR1_YEAST	Fu	33113	gar	2EUD	1E0J	2CVX	0.78		Sc=5.86446, min distance = 1.824728
PRIM_BPT7	Fu	656930	DI	DPO42_SULSO	F1	15993	dAT	2AGQ	1CR2	1S9F			Sc=5.76911, min distance = 2.419589
PRIM_BPT7	Fu	766948	2c	MK10_HUMAN	Fu	33113	gar	1PMQ	1E0J	2O2U			Sc=5.98909, min distance = 1.195154
PRMA_THET8	F1	12771338		MCES_HUMAN	Fu	439155	Ad	3BGV	3EGV	3EPP	0.88		Sc=6.52701, min distance = 2.537778

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PRMA_THET8	F1	16741210	MTTA_THEAQ	Fu	34756	Acy	2ADM	2NXE	2JG3		Sc=6.38658, min distance = 2.447886
PRMA_THET8	F1	439176	MTR1_RHOSH	Fu	34756	Acy	1NW5	2NXE	1EG2	0.91	Sc=6.23182, min distance = 2.164096
PRMA_THET8	F1	445971	COMT_RAT	Full	34756	Acy	2CL5	2NXE	1H1D	0.92	Sc=6.52093, min distance = 2.520896
PRMA_THET8	F1	446535	HNMT_HUMAN	Fu	439155	Ad	2AOT	3EGV	1JQE	0.95	Sc=6.46759, min distance = 2.349709
PRMA_THET8	F1	446768	CFA1_MYCTU	Fu	439155	Ad	1KPG	3EGV	1KPH	0.91	Sc=6.48709, min distance = 2.263472
PRMA_THET8	F1	60961	PIMT_PYRFU	Fu	439155	Ad	1JG1	3EGV	1JG2	0.84	Sc=6.175, min distance = 2.48938486
PROB_CAMJE	F1	13373715	HS90A_HUMAN	F1	6022	Aden	1BYQ	2AKO	2QF6		Sc=6.13394, min distance = 2.032471
PROB_CAMJE	F1	3044933	ENPL_CANFA	Fu	6022	Aden	1TC6	2AKO	1U0Y	0.81	Sc=6.36274, min distance = 2.283246
PROB_CAMJE	F1	444842	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AKO	1CKP		Sc=5.63079, min distance = 2.098982
PROB_CAMJE	F1	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AKO	1PXI		Sc=5.71804, min distance = 2.237371
PROB_CAMJE	F1	4565	CDK2_HUMAN	Fu	6022	Aden	1GY3	2AKO	1H1R		Sc=6.11845, min distance = 2.128879
PROB_CAMJE	F1	6083	PURP_METJA	Fu	6022	Aden	2R7N	2AKO	2R7M	0.99	Sc=6.35869, min distance = 2.081686
PROB_CAMJE	F1	60961	IPKA_RABIT	Fu	6022	Aden	1JBP	2AKO	1FMO	0.95	Sc=6.2262, min distance = 2.3410779
PRPB_ECOLI	F1	444212	ACON_BOVIN	Fu	5318532	i	1C97	1XG4	1ACO		Sc=5.83952, min distance = 2.327196
PRPB_ECOLI	F1	444591	IDH_ECOLI	Full	5318532	i	1P8F	1XG4	1BL5		Sc=5.62017, min distance = 2.337221
PRPB_ECOLI	F1	445607	ACON_BOVIN	Fu	5318532	i	1C97	1XG4	1FGH		Sc=5.91718, min distance = 2.173586
PRPB_ECOLI	F1	447376	ACON_BOVIN	Fu	5318532	i	1C97	1XG4	1NIS		Sc=5.82788, min distance = 2.192526
PRPB_ECOLI	F1	449604	ACON_BOVIN	Fu	5318532	i	1C97	1XG4	8ACN		Sc=5.82002, min distance = 2.418632
PRTK_TRIAL	F1	180559	PA28_DABRR	Fu	323	couma	2PMJ	2PWB	2OTF		Sc=6.11441, min distance = 2.111266
PRTK_TRIAL	F1	75846	CP2A6_HUMAN	Fu	323	couma	1Z10	2PWB	2FDY		Sc=5.67401, min distance = 2.345151
PRTK_TRIAL	F1	802	PA28_DABRR	Fu	323	couma	2PMJ	2PWB	2OYF		Sc=5.71627, min distance = 2.179116
PRTN3_HUMAN	I	446578	MBL1_RAT	Full	439554	fu	3KMB	1FUJ	1KWW	0.96	Sc=5.66913, min distance = 2.513139
PRTN3_HUMAN	I	94214	MBL1_RAT	Full	439554	fu	3KMB	1FUJ	1AFA	0.96	Sc=5.76236, min distance = 2.010006
PRXC_CALFU	F1	11957330	CCPR_YEAST	Fu	444098	HE	2EUT	2CIW	1BEQ	0.81	Sc=6.71483, min distance = 2.174456
PRXC_CALFU	F1	11957330	CCPR_YEAST	Fu	444207	He	2CCP	1CPO	1BEQ	0.84	Sc=6.70339, min distance = 2.239352
PRXC_CALFU	F1	11957353	HBA_HORSE	Full	444124	HE	1Y8I	2CPO	1IWH	0.87	Sc=6.75636, min distance = 2.021471
PRXC_CALFU	F1	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	2CPO	1S13	0.86	Sc=6.65217, min distance = 1.757646
PRXC_CALFU	F1	11957370	HMOX1_HUMAN	Fu	444124	HE	1OZW	2CPO	1TWN		Sc=6.57774, min distance = 2.251661
PRXC_CALFU	F1	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	2CPO	1TWR		Sc=6.59283, min distance = 2.396679
PRXC_CALFU	F1	11957373	CATE_ECOLI	Fu	444124	HE	1IPH	2CPO	1P81	0.79	Sc=6.76846, min distance = 1.881276
PRXC_CALFU	F1	11957385	MYG_PHYCA	Full	444098	HE	1A6M	2CIW	2CMM		Sc=6.21296, min distance = 2.708476
PRXC_CALFU	F1	11957385	MYG_PHYCA	Full	444124	HE	1U7R	2CPO	2CMM		Sc=6.19118, min distance = 2.693519
PRXC_CALFU	F1	11957385	MYG_PHYCA	Full	444207	He	1VXG	1CPO	2CMM		Sc=6.19863, min distance = 2.589506
PRXC_CALFU	F1	11970219	CCPR_YEAST	Fu	444098	HE	2EUT	2CIW	1BEM	0.83	Sc=6.71909, min distance = 2.230916
PRXC_CALFU	F1	11970220	CCPR_YEAST	Fu	444098	HE	2EUT	2CIW	1BEP	0.8	Sc=6.74997, min distance = 2.076769
PRXC_CALFU	F1	11970220	CCPR_YEAST	Fu	444207	He	2CCP	1CPO	1BEP	0.83	Sc=6.73904, min distance = 2.155991
PRXC_CALFU	F1	11970221	CCPR_YEAST	Fu	444098	HE	2EUT	2CIW	1BES	0.83	Sc=6.66412, min distance = 2.022389

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PRXC_CALFU	F1	11970221	CCPR_YEAST	Fu:	444207	He	2CCP	1CPO	1BES	0.87	Sc=6.64778, min distance = 2.101315
PRXC_CALFU	F1	11970242	CCPR_YEAST	Fu:	444098	HE	2EUT	2CIW	1CPE	0.83	Sc=6.71874, min distance = 2.167886
PRXC_CALFU	F1	11970242	CCPR_YEAST	Fu:	444207	He	2CCP	1CPO	1CPE	0.87	Sc=6.70231, min distance = 2.239755
PRXC_CALFU	F1	16214774	CP51_MYCTU	Fu:	444124	HE	2CIB	2CPO	2CI0	0.95	Sc=6.54925, min distance = 2.529755
PRXC_CALFU	F1	16741183	CPXA_PSEPU	Fu:	444098	HE	1YRC	2CIW	2ZAW	0.97	Sc=6.54705, min distance = 2.232995
PRXC_CALFU	F1	16741183	CPXA_PSEPU	Fu:	444207	He	1PHC	1CPO	2ZAW	0.93	Sc=6.52858, min distance = 2.349455
PRXC_CALFU	F1	444522	CCPR_YEAST	Fu:	444207	He	2CCP	1CPO	3E20	1	Sc=6.70634, min distance = 2.057905
PRXC_CALFU	F1	444522	CP2C9_HUMAN	F1	444124	HE	10G2	2CPO	1R90	0.99	Sc=6.71026, min distance = 2.091996
PRXC_CALFU	F1	444522	HBA_HORSE	Fu:	444124	HE	1Y8I	2CPO	1Y8K	0.99	Sc=6.76289, min distance = 2.268485
PRXC_CALFU	F1	444522	HBA_HORSE	Fu:	444207	He	2ZLW	1CPO	1Y8K	1	Sc=6.76109, min distance = 2.382316
PRXC_CALFU	F1	444522	HBA_PAGBE	Fu:	444124	HE	1S5X	2CPO	1PBX	0.99	Sc=6.76035, min distance = 2.230775
PRXC_CALFU	F1	444522	HBB_HORSE	Fu:	444207	He	2ZLW	1CPO	1Y8K	1	Sc=6.76289, min distance = 2.031565
PRXC_CALFU	F1	444522	PER_COPCI	Fu:	444207	He	1LY8	1CPO	1H3J	1	Sc=6.70713, min distance = 1.928845
PRXC_CALFU	F1	448845	CCPR_YEAST	Fu:	444207	He	2CCP	1CPO	2B11	0.99	Sc=6.75477, min distance = 2.015720
PRXC_CALFU	F1	6420167	CPXA_PSEPU	Fu:	444207	He	1PHC	1CPO	2FE6	0.9	Sc=6.76456, min distance = 2.164005
PSD10_MOUSE	I	445939	PPTA_ECOLI	Fu:	23831	HEF	1GYX	2DWZ	1GYY		Sc=5.74123, min distance = 2.427515
PSD7_HUMAN	F1	439353	O96048_LUMTE	I	8172	Trig	2DRY	2095	2DS0		Sc=5.68216, min distance = 0.646545
PSPF_ECOLI	F1	11608401	KAPCA_BOVIN	F1	5957	Aden	1Q24	2C96	2UVY		Sc=6.13021, min distance = 2.463006
PSPF_ECOLI	F1	11957393	FAK1_HUMAN	Fu:	5957	Aden	2IJM	2C96	2ETM		Sc=6.23298, min distance = 2.117255
PSPF_ECOLI	F1	1540	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1H1Q		Sc=6.1259, min distance = 2.392282
PSPF_ECOLI	F1	1707	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1FVT		Sc=5.94712, min distance = 1.799215
PSPF_ECOLI	F1	24864080	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	2VTR		Sc=5.83182, min distance = 2.655925
PSPF_ECOLI	F1	24864081	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	2VTS		Sc=6.13713, min distance = 2.618886
PSPF_ECOLI	F1	2608	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1JSV		Sc=5.83407, min distance = 1.486665
PSPF_ECOLI	F1	3547	KAPCA_BOVIN	F1	5957	Aden	1Q24	2C96	1Q8W		Sc=5.91836, min distance = 2.052635
PSPF_ECOLI	F1	444852	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2C96	1COW	0.91	Sc=6.04974, min distance = 2.025285
PSPF_ECOLI	F1	444852	ATPB_BOVIN	Fu:	5957	Aden	2V7Q	2C96	1COW	0.91	Sc=5.75195, min distance = 2.095066
PSPF_ECOLI	F1	445940	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1GZ8		Sc=5.96309, min distance = 2.517055
PSPF_ECOLI	F1	447649	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1OI9		Sc=6.23523, min distance = 2.296465
PSPF_ECOLI	F1	447654	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1OIT		Sc=6.10119, min distance = 2.457085
PSPF_ECOLI	F1	447821	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1PF8		Sc=6.07576, min distance = 2.392475
PSPF_ECOLI	F1	448055	PDE4D_HUMAN	F1	6083	aden	1TB7	2VII	1Q9M		Sc=5.97219, min distance = 1.906525
PSPF_ECOLI	F1	4566	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	1H1S		Sc=6.18239, min distance = 2.137585
PSPF_ECOLI	F1	5281680	PIM1_HUMAN	Fu:	6083	aden	1YXU	2VII	2O64		Sc=6.42382, min distance = 2.146046
PSPF_ECOLI	F1	5327097	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C98	2BTS		Sc=5.87269, min distance = 2.386815
PSPF_ECOLI	F1	6338566	MYS2_DICDI	Fu:	5957	Aden	1FMW	2C96	1D1C		Sc=6.23474, min distance = 0
PSPF_ECOLI	F1	656966	PDE4D_HUMAN	F1	6083	aden	1TB7	2VII	1Y2E		Sc=5.94592, min distance = 2.105196

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PSPF_ECOLI	F1	656969	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	2VII	1Y2J			Sc=6.18811, min distance = 2.08406
PSPF_ECOLI	F1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2C98	1Y8Y			Sc=5.92292, min distance = 2.29669
PSPF_ECOLI	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2VII	1YXV			Sc=5.84525, min distance = 2.29009
PSPF_ECOLI	F1	6852187	2	O57883_PYRHO	I	6022	Aden	1WNL	2C98	2DTH	0.89		Sc=6.03908, min distance = 2.09984
PSPF_ECOLI	F1	9578243	F	PDE4B_HUMAN	F1	6083	aden	1ROR	2VII	1XLZ			Sc=6.06433, min distance = 2.23808
PTEN_HUMAN	F1	439710	rh	PGRP_CAMDR	Fu	444305	L-	3C2X	1D5R	3CG9			Sc=5.77455, min distance = 2.40179
PTGD2_HUMAN	I	115260	S-	GSTM2_HUMAN	F1	124886	gl	1XW5	2CVD	2AB6	28.43	0.94	Sc=6.33582, min distance = 1.59862
PTGD2_HUMAN	I	444352	GT	GSTM1_RAT	Fu	124886	gl	6GST	2CVD	4GST	29.44		Sc=5.70765, min distance = 1.88809
PTGD2_HUMAN	I	449471	GC	GSTT2_HUMAN	F1	124886	gl	1LJR	2CVD	3LJR			Sc=6.63168, min distance = 1.74538
PTGD2_HUMAN	I	97536	Hex	GSTP_ONCVO	Fu	124886	gl	1TU7	2CVD	1TU8		0.9	Sc=6.46492, min distance = 2.49640
PTGIS_HUMAN	I	11957361		CY1_BOVIN	Fu	444098	HE	1L0N	3B6H	1NTZ		0.8	Sc=6.41457, min distance = 2.38290
PTGIS_HUMAN	I	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	3B6H	2CMM			Sc=6.23786, min distance = 2.57724
PTGIS_HUMAN	I	16741183		CPXA_PSEPU	Fu	444098	HE	1YRC	3B6H	2ZAW		0.97	Sc=6.5861, min distance = 2.51372
PTGIS_HUMAN	I	5326592	C	HMOX1_RAT	Fu	444098	HE	1DVG	3B6H	1J2C		0.79	Sc=6.65772, min distance = 1.90230
PTGR1_CAVPO	I	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	1V3V	1DRW		0.91	Sc=5.99358, min distance = 2.10117
PTGR2_HUMAN	I	11970225		ETR1_CANTR	Fu	5886	NADF	1GUF	2ZB4	1N9G		0.78	Sc=6.75741, min distance = 2.02907
PTGR2_HUMAN	I	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2ZB4	1DRW		0.91	Sc=5.98512, min distance = 2.38965
PTGR2_MOUSE	I	11970225		ETR1_CANTR	Fu	5886	NADF	1GUF	2ZB3	1N9G		0.78	Sc=6.74894, min distance = 2.26708
PTGR2_MOUSE	I	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2ZB3	1DRW		0.91	Sc=5.97846, min distance = 2.44983
PTPA_HUMAN	F1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	2HV7	2R3F			Sc=6.1423, min distance = 1.43103
PTPA_HUMAN	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2HV7	2ZGZ		0.79	Sc=5.66832, min distance = 2.33921
PTPA_HUMAN	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HV7	1H0V			Sc=6.21059, min distance = 2.06408
PTPA_HUMAN	F1	447962	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HV7	2C5N			Sc=6.29353, min distance = 1.80028
PTPA_HUMAN	F1	448505	AD	NDKC_DICDI	Fu	6022	Aden	1KDN	2HV7	1S5Z		0.93	Sc=5.73417, min distance = 2.13082
PTPA_HUMAN	F1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2HV7	1OGU			Sc=6.10302, min distance = 2.03833
PTPA_HUMAN	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2HV7	3D2F		0.99	Sc=5.64795, min distance = 2.01091
PTR1_LEIMA	F1	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1E7W	2IZ1			Sc=6.22534, min distance = 2.37901
PTR1_LEIMA	F1	165230	1a	FABG_ECOLI	Fu	5886	NADF	1Q7B	1E7W	1Q7C			Sc=5.78497, min distance = 2.57639
PTR1_LEIMA	F1	2429	BROM	DYR_MYCTU	Fu	126941	me	1DF7	1E7W	1DG7			Sc=6.08853, min distance = 2.15356
PTR1_LEIMA	F1	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1E7W	1QYW			Sc=6.38384, min distance = 2.57365
PTR1_LEIMA	F1	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1E7W	1E7Y			Sc=6.40273, min distance = 2.43955
PTR1_LEIMA	F1	445109	2,	NOS3_BOVIN	Fu	444951	CI	1Q20	2BFP	1DMK			Sc=6.10486, min distance = 2.02982
PTR1_LEIMA	F1	446753	1k	DYR_HUMAN	Fu	126941	me	1U72	1E7W	1KMV			Sc=6.23651, min distance = 0.85252
PTR1_LEIMA	F1	447022	CI	DYR_PNECA	Fu	126941	me	3CD2	1E7W	1LY4			Sc=6.19256, min distance = 2.03085
PTR1_LEIMA	F1	447229	AI	DYR_HUMAN	Fu	126941	me	1U72	1E7W	1MVT			Sc=6.07676, min distance = 2.02979
PTR1_LEIMA	F1	6022	Ader	HMDH_HUMAN	Fu	5886	NADF	1DQA	1E7W	1HW8			Sc=5.98759, min distance = 2.15552
PTR1_LEITA	F1	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1P33	2IZ1			Sc=6.24342, min distance = 2.47164

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PTR1_LEITA	F1	165230	1d	G6PD_LEUME	Fu:	5886	NADF	1H9A	1P33	2DPG			Sc=6.43274, min distance = 2.232890
PTR1_LEITA	F1	440141	9d	DHB1_HUMAN	Fu:	5886	NADF	1QYV	1P33	1QYW			Sc=6.40508, min distance = 2.402750
PULA_KLEPN	F1	193758	Va	AMY1_HUMAN	Fu:	79025	alp	3DHP	2FHF	1MFU			Sc=5.98285, min distance = 0.798290
PULA_KLEPN	F1	193758	Va	CDGT2_BACCI	F1	79025	alp	1D3C	2FHF	1DTU			Sc=6.00004, min distance = 1.159290
PULA_KLEPN	F1	23831	HEE	CDGT2_BACCI	F1	79025	alp	1D3C	2FHF	1OT1			Sc=5.75044, min distance = 1.073530
PULA_KLEPN	F1	29435	1-I	CDGT_BACSO	Fu:	79025	alp	1UKS	2FHF	1I75			Sc=5.87327, min distance = 0.759660
PULA_KLEPN	F1	444915	GL	CDGT2_BACCI	F1	79025	alp	1D3C	2FHF	1CXL	0.85		Sc=5.80993, min distance = 0.848290
PULA_KLEPN	F1	447607	1c	PYGM_RABIT	Fu:	79025	alp	1H5U	2FHF	2G9V			Sc=5.70694, min distance = 2.373550
PULA_KLEPN	F1	448009	TE	AMY1_HUMAN	Fu:	79025	alp	3DHP	2FHF	1Q4N			Sc=5.62672, min distance = 1.503040
PULA_KLEPN	F1	64960	Pol	XYLA_STRRU	Fu:	79025	alp	1XIF	2FHF	1XIE	0.89		Sc=5.73005, min distance = 2.197330
PULA_THEMA	F1	444139	CI	CDGT2_BACCI	F1	79025	alp	1D3C	2J73	1DTU			Sc=5.79943, min distance = 0.962270
PULA_THEMA	F1	444809	TH	AMY1_HORVU	Fu:	79025	alp	1RP8	2J73	1P6W	0.78		Sc=5.92023, min distance = 0.728340
PULA_THEMA	F1	444915	GL	CDGT2_BACCI	F1	79025	alp	1D3C	2J73	1CXL	0.85		Sc=5.6204, min distance = 1.0198360
PULA_THEMA	F1	448009	TE	AMY1_HUMAN	Fu:	79025	alp	3DHP	2J73	1Q4N			Sc=5.7665, min distance = 1.4209210
PULA_THEMA	F1	449571	CI	CDGT1_BACCI	F1	79025	alp	1CGU	2J73	6CGT			Sc=5.83964, min distance = 0.911000
PUNA_MYCTU	F1	2022	acyc	PNPH_HUMAN	Fu:	447268	DA	1RSZ	1N3I	1PWY	39.31		Sc=6.10216, min distance = 2.436620
PUNA_MYCTU	F1	444498	in	PNPH_BOVIN	Fu:	444499	Fc	1B80	1G20	1B8N	41.28	0.98	Sc=6.40753, min distance = 2.488640
PUNA_MYCTU	F1	448999	1v	PNPH_BOVIN	Fu:	444499	Fc	1B80	1G20	1V48	41.28		Sc=6.41124, min distance = 2.076280
PUNA_MYCTU	F1	5327012	C	PNPH_BOVIN	Fu:	444499	Fc	1B80	1G20	2AI1	41.28		Sc=6.51092, min distance = 2.224590
PUNA_MYCTU	F1	5327013	C	PNPH_BOVIN	Fu:	444499	Fc	1B80	1G20	2AI2	41.28	0.81	Sc=6.50021, min distance = 2.078100
PUNA_MYCTU	F1	5327014	I	PNPH_BOVIN	Fu:	444499	Fc	1B80	1G20	2AI3	41.28		Sc=6.46859, min distance = 2.178330
PUNA_MYCTU	F1	764	guani	PNPH_HUMAN	Fu:	444499	Fc	1RT9	1G20	1V2H	39.31		Sc=5.83999, min distance = 2.049870
PUNA_MYCTU	F1	8646	Guar	PNPH_HUMAN	Fu:	444499	Fc	1RT9	1G20	1V41	39.31		Sc=5.81927, min distance = 2.148460
PUNA_MYCTU	F1	8646	Guar	PNPH_HUMAN	Fu:	447268	DA	1RSZ	1N3I	1V41	39.31		Sc=5.79816, min distance = 2.490560
PUR1_BACSU	F1	164628	de	PMS2_HUMAN	Fu:	6022	Aden	1EA6	1A00	1H7U			Sc=5.95812, min distance = 1.838020
PUR1_BACSU	F1	24832037		PGK1_HUMAN	Fu:	6022	Aden	2ZGV	1A00	3C3C			Sc=5.79462, min distance = 2.543360
PUR1_BACSU	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1A00	1BS1	0.91		Sc=6.34281, min distance = 2.268160
PUR1_BACSU	F1	445966	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1A00	1H0V			Sc=6.27415, min distance = 1.774990
PUR1_BACSU	F1	5957	Ader	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1A00	1A82	0.99		Sc=5.93143, min distance = 2.224060
PUR1_BACSU	F1	5957	Ader	MALK_ECOLI	Fu:	6022	Aden	2AWN	1A00	1Q12	0.99		Sc=5.96313, min distance = 1.671650
PUR1_BACSU	F1	5957	Ader	RK_BOVIN	Full:	6022	Aden	3C4Z	1A00	3C4W	0.99		Sc=5.61812, min distance = 2.392850
PUR1_BACSU	F1	8977	1dar	PARM_ECOLX	Fu:	6022	Aden	1MWM	1A00	2ZGY	0.8		Sc=6.33233, min distance = 2.433820
PUR1_BACSU	F1	91532	AME	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1A00	1DAG	0.99		Sc=5.66731, min distance = 2.132800
PUR1_BACSU	F1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	1A00	2PUL	0.99		Sc=5.67043, min distance = 2.374300
PUR1_BACSU	F1	91532	AME	PURP_METJA	Fu:	6022	Aden	2R7N	1A00	2R7K	0.99		Sc=5.68914, min distance = 2.178700
PUR1_BACSU	F1	91532	AME	RBSK_ECOLI	Fu:	6022	Aden	1RKD	1A00	1GQT	0.99		Sc=6.03279, min distance = 1.985800
PUR1_BACSU	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1A00	3BHV			Sc=6.21229, min distance = 1.927690

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PUR1_ECOLI	F1	24316	cyd	PDE10_HUMAN	F1	6804	guan	2OUQ	1ECB	2OUU	0.97	Sc=6.20286, min distance = 0
PUR1_ECOLI	F1	5327121	I	PIM1_HUMAN	Fu	6083	aden	1YXU	1ECJ	2C3I		Sc=6.26491, min distance = 1.384241
PUR1_ECOLI	F1	6030	Urid	RNMC_MOMCH	Fu	6804	guan	1J1F	1ECB	1UCD		Sc=6.16799, min distance = 2.176918
PUR1_ECOLI	F1	60961	ade	Q84CU3_THETH	I	6083	aden	1V8S	1ECJ	1V8Y	0.96	Sc=6.14611, min distance = 2.209267
PUR1_ECOLI	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1ECJ	1YXV		Sc=5.78227, min distance = 2.198019
PUR1_ECOLI	F1	8582	Inos	GMPR2_HUMAN	F1	6804	guan	2A7R	1ECB	2C6Q	0.99	Sc=6.28955, min distance = 2.144142
PUR1_ECOLI	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	1ECJ	2QN7	0.79	Sc=6.28066, min distance = 2.205839
PUR1_ECOLI	F1	8582	Inos	RNAS1_BOVIN	F1	6804	guan	1RNC	1ECB	1Z6D	0.99	Sc=6.31605, min distance = 1.695663
PUR2_AQUAE	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	2VNW		Sc=6.12522, min distance = 2.320874
PUR2_AQUAE	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	1YDS		Sc=5.87585, min distance = 2.191269
PUR2_AQUAE	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	1Q8W		Sc=5.94983, min distance = 2.344768
PUR2_AQUAE	F1	444564	AI	BIOD_ECOLI	Fu	5957	Aden	1A82	2YW2	1BS1	0.91	Sc=5.93013, min distance = 2.024991
PUR2_AQUAE	F1	444564	AI	MYS2_DICDI	Fu	5957	Aden	1FMW	2YW2	1W9I	0.91	Sc=5.9208, min distance = 0
PUR2_AQUAE	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2YW2	1COW	0.91	Sc=6.45055, min distance = 1.433277
PUR2_AQUAE	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	2YW2	1PHK		Sc=5.68741, min distance = 1.970379
PUR2_AQUAE	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	2YW2	1ZTF	0.94	Sc=6.15065, min distance = 2.439309
PUR2_AQUAE	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	1Q8T		Sc=6.00356, min distance = 2.504158
PUR2_AQUAE	F1	448043	2g	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	1Q8U		Sc=6.00119, min distance = 1.976258
PUR2_AQUAE	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	1YDR		Sc=5.94462, min distance = 2.323839
PUR2_AQUAE	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	2YW2	1IHU	0.99	Sc=5.92906, min distance = 2.161022
PUR2_AQUAE	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	2YW2	3C7N	0.99	Sc=5.89278, min distance = 2.115371
PUR2_AQUAE	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2YW2	1OH7	0.99	Sc=5.93109, min distance = 2.040469
PUR2_AQUAE	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	2YW2	3ETJ	0.99	Sc=5.93109, min distance = 2.566996
PUR2_AQUAE	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	2YW2	2VT2	0.99	Sc=6.39047, min distance = 0.996780
PUR2_AQUAE	F1	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	2YW2	3C4Z	0.99	Sc=5.94478, min distance = 1.871389
PUR2_AQUAE	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2YW2	2J9D	0.98	Sc=6.33093, min distance = 1.979026
PUR2_AQUAE	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YW2	2GNI		Sc=5.9329, min distance = 2.5137257
PUR2_AQUAE	F1	91532	AME	INSR_HUMAN	Fu	5957	Aden	3BU5	2YW2	1I44	0.99	Sc=5.99183, min distance = 2.164211
PUR2_AQUAE	F1	91532	AME	Q5SJV7_THET8	I	5957	Aden	2Z08	2YW2	2Z09	0.99	Sc=5.99571, min distance = 2.029961
PUR2_HUMAN	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	2QK4	1COW	0.91	Sc=5.93252, min distance = 1.618394
PUR2_HUMAN	F1	6022	Ader	ARSA1_ECOLX	F1	5957	Aden	1II0	2QK4	1IHU	0.99	Sc=6.28562, min distance = 1.978720
PUR2_HUMAN	F1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	2QK4	1MP8	0.99	Sc=6.24556, min distance = 1.177657
PUR2_HUMAN	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	2QK4	2BEJ	0.99	Sc=6.2676, min distance = 2.0624419
PUR2_HUMAN	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2QK4	2J9D	0.99	Sc=6.29928, min distance = 1.416210
PUR2_HUMAN	F1	6083	ader	ASSY_THET8	Fu	5957	Aden	1J1Z	2QK4	1J20	0.98	Sc=5.7569, min distance = 2.2082379
PUR3_ECOLI	F1	439905	Ph	PUR2_HUMAN	Fu	160913	G1	1MEN	1C2T	1ZLY	43.01 0.77	Sc=5.77962, min distance = 2.478848
PUR4_SALTY	F1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	1T3T	1B99		Sc=6.26983, min distance = 2.229418

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PUR4_SALTY	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1T3T	1BS1	0.91	Sc=5.96627, min distance = 2.72959
PUR4_SALTY	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1T3T	1HIY	0.97	Sc=6.41927, min distance = 2.66188
PUR4_SALTY	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1T3T	1ZTF	0.95	Sc=6.25934, min distance = 2.61497
PUR4_SALTY	F1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	1T3T	1QY5	0.81	Sc=6.40752, min distance = 2.38933
PUR4_SALTY	F1	5957	Ader	ARSA1_ECOLX	F1	6022	Aden	1IHU	1T3T	1II0	0.99	Sc=6.47311, min distance = 1.97482
PUR4_SALTY	F1	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1T3T	2Z02	0.99	Sc=6.01011, min distance = 2.01618
PUR4_SALTY	F1	5957	Ader	Q72H90_THET2	1	6022	Aden	2BEJ	1T3T	2BEK	0.99	Sc=6.01818, min distance = 2.07780
PUR4_SALTY	F1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1T3T	2ZIA		Sc=5.86282, min distance = 2.08943
PUR4_SALTY	F1	6083	ader	NDK_PYRHO	Fu	6022	Aden	2DYA	1T3T	2DXD	0.99	Sc=5.98059, min distance = 2.24041
PUR4_SALTY	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1T3T	2DXF	0.8	Sc=6.38783, min distance = 2.14181
PUR4_SALTY	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1T3T	1QYE	0.89	Sc=6.17997, min distance = 2.75201
PUR4_SALTY	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1T3T	2DXE	0.8	Sc=6.43482, min distance = 2.33726
PUR4_SALTY	F1	8977	1dar	NDK_THET8	Fu	6022	Aden	1WKL	1T3T	1WKK	0.8	Sc=6.00956, min distance = 2.08630
PUR4_SALTY	F1	9543433	T	NDKC_DICDI	Fu	6022	Aden	1KDN	1T3T	1F6T		Sc=6.35023, min distance = 1.89397
PUR7_ECOLI	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GQR	1GZ8		Sc=6.02888, min distance = 2.47945
PUR7_ECOLI	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GQR	1H0V		Sc=6.1319, min distance = 2.35725
PUR7_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2GQR	1ZTF	0.95	Sc=6.1319, min distance = 2.26255
PUR7_ECOLI	F1	448238	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	2GQR	1R0E		Sc=6.481, min distance = 1.99888
PUR7_ECOLI	F1	448505	AD	NDKC_DICDI	Fu	6022	Aden	1KDN	2GQR	1S5Z	0.93	Sc=5.93209, min distance = 1.76363
PUR7_ECOLI	F1	65059	Dec	RNAS1_BOVIN	F1	6022	Aden	100H	2GQR	2QCA	0.77	Sc=6.17404, min distance = 1.69303
PUR7_ECOLI	F1	656946	CI	RNAS1_BOVIN	F1	6022	Aden	100H	2GQR	1W4Q		Sc=6.31607, min distance = 0.94892
PUR7_METJA	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2Z02	2VNW		Sc=6.11694, min distance = 2.10884
PUR7_METJA	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	2Z02	2UW5		Sc=6.13359, min distance = 1.96056
PUR7_METJA	F1	164628	de	PMS2_HUMAN	Fu	6022	Aden	1EA6	2YZL	1H7U		Sc=5.67406, min distance = 2.02848
PUR7_METJA	F1	165388	Ca	PUR7_ECOLI	Fu	6022	Aden	2GQR	2YZL	2GQS		Sc=5.73465, min distance = 2.38896
PUR7_METJA	F1	24836816		HS90A_HUMAN	F1	6022	Aden	1BYQ	2YZL	3BMY		Sc=6.32316, min distance = 2.18635
PUR7_METJA	F1	25021197		CDK2_HUMAN	Fu	6022	Aden	1GY3	2YZL	3EOC		Sc=6.38294, min distance = 1.37079
PUR7_METJA	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2Z02	1YDS		Sc=5.83015, min distance = 2.31255
PUR7_METJA	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2YZL	1E1X		Sc=6.19844, min distance = 2.08529
PUR7_METJA	F1	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2Z02	1W9I	0.91	Sc=5.60274, min distance = 0
PUR7_METJA	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2YZL	1GZ8		Sc=6.12246, min distance = 1.58653
PUR7_METJA	F1	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	2Z02	1LVK		Sc=5.96444, min distance = 0
PUR7_METJA	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2YZL	1PXI		Sc=5.71163, min distance = 2.14661
PUR7_METJA	F1	448043	2g	KAPCA_BOVIN	F1	5957	Aden	1Q24	2Z02	1Q8U		Sc=5.96132, min distance = 2.00941
PUR7_METJA	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2Z02	1YDR		Sc=5.91095, min distance = 2.31338
PUR7_METJA	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2YZL	1H1R		Sc=6.34032, min distance = 1.73236
PUR7_METJA	F1	5288016	6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2YZL	2B53		Sc=6.32552, min distance = 1.55500

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PUR7_METJA	F1	6031	Urid	DCK_HUMAN	Ful	6022	Aden	1P5Z	2YZL	2ZIA			Sc=5.84898, min distance = 2.20378
PUR7_METJA	F1	6082103	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	2YZL	2BT0			Sc=6.34876, min distance = 1.94099
PUR7_METJA	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2Z02	2R7M	0.98		Sc=5.83918, min distance = 2.07560
PUR7_METJA	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2YZL	2R7M	0.99		Sc=5.85636, min distance = 2.18640
PUR7_METJA	F1	6176	Cyti	CCA_ARCFU	Ful	5957	Aden	1R8B	2Z02	1R89			Sc=5.88221, min distance = 1.27399
PUR7_METJA	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2Z02	2GNI			Sc=5.91374, min distance = 2.33970
PUR7_METJA	F1	8977	1dar	NDK_PYRHO	Ful	6022	Aden	2DYA	2YZL	2DXE	0.8		Sc=5.96313, min distance = 2.17756
PUR7_METJA	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2YZL	2ZGY	0.8		Sc=6.42476, min distance = 2.11951
PUR7_METJA	F1	91532	AME	PURP_METJA	Fu	5957	Aden	2R7L	2Z02	2R7K	0.99		Sc=6.00433, min distance = 2.08941
PUR8_ECOLI	F1	6022	Ader	HSP71_HUMAN	F1	6083	aden	1XQS	2PTQ	1S3X	0.99		Sc=6.36524, min distance = 2.12854
PUR8_ECOLI	F1	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	2PTQ	1YXX			Sc=6.12521, min distance = 0.76995
PUR8_HUMAN	F1	166760	Fe	PURP_METJA	Fu	6083	aden	2R7M	2J91	2R7N	0.76		Sc=5.90339, min distance = 1.89985
PUR8_HUMAN	F1	6804	guar	PDE10_HUMAN	F1	6083	aden	2OUN	2J91	2OUQ	0.8		Sc=5.81712, min distance = 0
PUR9_CHICK	F1	100252	Ri	IMDH_TRIFO	Fu	73323	Xan	1MEW	1M9N	1ME8			Sc=6.32844, min distance = 2.19768
PUR9_CHICK	F1	8582	Inos	IMDH_TRIFO	Fu	73323	Xan	1MEW	1M9N	1MEH	0.94		Sc=6.45486, min distance = 2.02160
PUR9_HUMAN	F1	100252	Ri	IMDH_TRIFO	Fu	73323	Xan	1MEW	1PKX	1ME8			Sc=6.32435, min distance = 2.18993
PUR9_HUMAN	F1	8582	Inos	IMDH_TRIFO	Fu	73323	Xan	1MEW	1PKX	1MEH	0.94		Sc=6.44761, min distance = 2.18868
PUR9_THEMA	F1	445562	is	UPAR_HUMAN	Fu	8200	TETR	2FD6	1ZCZ	1YWH			Sc=5.61822, min distance = 1.65282
PUR9_THEMA	F1	446506	DE	ACES_TORCA	Fu	8200	TETR	1DX6	1ZCZ	1JJB	0.82		Sc=5.68177, min distance = 2.23450
PURA1_MOUSE	I	100252	Ri	IMDH_TRIFO	Fu	8582	Inos	1MEH	1IWE	1ME8			Sc=6.27516, min distance = 2.01580
PURA1_MOUSE	I	188347	pg	ARL5A_HUMAN	F1	8977	1dar	2H17	1LON	1ZJ6	0.99		Sc=6.54081, min distance = 2.17251
PURA1_MOUSE	I	444825	1c	PURA_ECOLI	Fu	8582	Inos	1CIB	1IWE	1CH8	42.72	0.93	Sc=6.51113, min distance = 2.09138
PURA1_MOUSE	I	444845	1c	RASH_HUMAN	Fu	6830	guan	2CL7	1LOO	1CLU	0.98		Sc=6.05111, min distance = 2.35854
PURA1_MOUSE	I	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	1MF0	1WXE	0.91		Sc=6.34357, min distance = 2.31767
PURA1_MOUSE	I	445708	AM	PURA_ECOLI	Fu	444818	6-	1CG0	1LON	1SON	42.72	0.83	Sc=6.36062, min distance = 2.40831
PURA1_MOUSE	I	445708	AM	PURA_ECOLI	Fu	8582	Inos	1CIB	1IWE	1SON	42.72	0.81	Sc=6.35869, min distance = 2.05357
PURA1_MOUSE	I	445708	AM	PURA_ECOLI	Fu	9549204	C	2GCQ	2DGN	1SON	42.72	0.83	Sc=6.35869, min distance = 2.71918
PURA1_MOUSE	I	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1LOO	1IAQ			Sc=5.72632, min distance = 2.34784
PURA1_MOUSE	I	447942	MZ	IMDH_TRIFO	Fu	8582	Inos	1MEH	1IWE	1PVN			Sc=6.33074, min distance = 1.78787
PURA1_MOUSE	I	447979	5G	KGUA_ECOLI	Fu	8977	1dar	2AN9	1LON	2ANB			Sc=6.4265, min distance = 2.13154
PURA1_MOUSE	I	448089	RE	PURA_ECOLI	Fu	444818	6-	1CG0	1LON	1QF5	42.72		Sc=6.1111, min distance = 2.45617
PURA1_MOUSE	I	448089	RE	PURA_ECOLI	Fu	8582	Inos	1CIB	1IWE	1QF5	42.72		Sc=6.55319, min distance = 2.27640
PURA1_MOUSE	I	448089	RE	PURA_ECOLI	Fu	9549204	C	2GCQ	2DGN	1QF5	42.72		Sc=5.77056, min distance = 2.38639
PURA1_MOUSE	I	5326748	F	PURA_ECOLI	Fu	444818	6-	1CG0	1LON	1QF4	42.72		Sc=6.56553, min distance = 2.27041
PURA1_MOUSE	I	5326748	F	PURA_ECOLI	Fu	8582	Inos	1CIB	1IWE	1QF4	42.72		Sc=6.10475, min distance = 2.15539
PURA1_MOUSE	I	5326748	F	PURA_ECOLI	Fu	8977	1dar	1QF5	1LON	1QF4	42.72		Sc=6.56276, min distance = 2.13578
PURA1_MOUSE	I	5326748	F	PURA_ECOLI	Fu	9549204	C	2GCQ	2DGN	1QF4	42.72		Sc=5.77717, min distance = 2.43073

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PURA1_MOUSE	I	6022	Ader	NDK_THET8	Fu	8977	1dar	1WKK	1LON	1WKL	0.8	Sc=6.04519, min distance = 2.224262
PURA1_MOUSE	I	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1MF0	1YXX		Sc=6.14238, min distance = 0.872768
PURA1_MOUSE	I	65110	AIC	AAKG1_HUMAN	Fu	6083	aden	2UV4	1MF0	2UV5	0.79	Sc=6.26097, min distance = 2.301718
PURA1_MOUSE	I	65110	AIC	PURO_METTH	Fu	8582	Inos	2NTK	1IWE	2NTL	0.97	Sc=6.33322, min distance = 1.201650
PURA1_MOUSE	I	65533	cor	O57693_THETE	I	6083	aden	1UXU	1MF0	1UXT		Sc=5.96673, min distance = 2.185562
PURA1_MOUSE	I	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1MF0	1YXV		Sc=5.82235, min distance = 2.667308
PURA1_MOUSE	I	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1LON	1WAJ	0.99	Sc=6.43458, min distance = 2.350347
PURA1_MOUSE	I	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1LON	1G7C	0.99	Sc=6.43401, min distance = 2.632885
PURA1_MOUSE	I	6804	guar	GMPR2_HUMAN	Fu	8582	Inos	2C6Q	1IWE	2A7R	0.99	Sc=6.43155, min distance = 1.890622
PURA1_MOUSE	I	73323	Xar	HGXR_TOXGO	Fu	8582	Inos	1QK4	1IWE	1QK5	0.94	Sc=6.39741, min distance = 2.381610
PURA1_MOUSE	I	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1LOO	121P	0.99	Sc=6.04454, min distance = 2.443268
PURA2_HUMAN	I	188347	pp	ARF1_BOVIN	Fu	8977	1dar	1R8S	2V40	1R8Q	0.99	Sc=5.75923, min distance = 2.253244
PURA_ARATH	Fu	188347	pp	ARF1_BOVIN	Fu	8977	1dar	1R8S	1DJ2	1R8Q	0.99	Sc=6.51765, min distance = 2.300770
PURA_ARATH	Fu	188347	pp	ARL5A_HUMAN	Fu	8977	1dar	2H17	1DJ2	1ZJ6	0.99	Sc=6.519, min distance = 2.17072015
PURA_ARATH	Fu	24978488		TBB2B_BOVIN	Fu	8977	1dar	1Z2B	1DJ2	3DU7		Sc=6.03889, min distance = 1.651688
PURA_ARATH	Fu	37792	gar	ARF6_HUMAN	Fu	8977	1dar	1E0S	1DJ2	2J5X	0.99	Sc=6.07664, min distance = 1.815884
PURA_ARATH	Fu	37792	gar	GNAI1_RAT	Fu	8977	1dar	1SVK	1DJ2	1AS0	0.99	Sc=6.07532, min distance = 2.333775
PURA_ARATH	Fu	37792	gar	GNAT1_BOVIN	Fu	8977	1dar	1TAD	1DJ2	1TND	0.99	Sc=6.08361, min distance = 1.834980
PURA_ARATH	Fu	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1DJ2	2FFQ	0.99	Sc=6.08088, min distance = 2.028726
PURA_ARATH	Fu	37792	gar	RAC1_HUMAN	Fu	8977	1dar	1RYF	1DJ2	2FJU	0.99	Sc=6.0876, min distance = 2.1416127
PURA_ARATH	Fu	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1DJ2	1OIW	0.99	Sc=6.07963, min distance = 2.069610
PURA_ARATH	Fu	445708	AM	PURA_ECOLI	Fu	8977	1dar	1QF5	1DJ2	1SON	0.8	Sc=6.32041, min distance = 2.225795
PURA_ARATH	Fu	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1DJ2	1GNP		Sc=6.72202, min distance = 2.045688
PURA_ARATH	Fu	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1DJ2	1IAQ		Sc=6.08747, min distance = 2.285570
PURA_ARATH	Fu	447979	5G	KGUA_ECOLI	Fu	8977	1dar	2AN9	1DJ2	2ANB		Sc=6.39741, min distance = 2.191762
PURA_ARATH	Fu	6802	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1DJ2	1IH7	0.94	Sc=6.32324, min distance = 2.325575
PURA_ARATH	Fu	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1DJ2	1WAJ	0.99	Sc=6.41524, min distance = 2.310175
PURA_ARATH	Fu	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1DJ2	1G7C	0.99	Sc=5.96585, min distance = 2.562305
PURA_ARATH	Fu	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1DJ2	2ODB	0.99	Sc=6.12168, min distance = 2.154445
PURA_ARATH	Fu	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	1DJ2	2J7K	0.99	Sc=6.11406, min distance = 2.128978
PURA_ECOLI	Fu	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1QF5	1IAQ		Sc=6.09225, min distance = 1.923628
PURA_ECOLI	Fu	447145	As	PURA1_MOUSE	Fu	444818	6-	1LON	1CG0	1MEZ	42.72	0.83 Sc=6.61178, min distance = 2.278992
PURA_ECOLI	Fu	447145	As	PURA1_MOUSE	Fu	8582	Inos	1IWE	1CIB	1MEZ	42.72	0.8 Sc=6.60486, min distance = 2.235628
PURA_ECOLI	Fu	447145	As	PURA1_MOUSE	Fu	9549204	C	2DGN	2GCQ	1MEZ	42.72	0.83 Sc=6.61582, min distance = 2.078364
PURA_ECOLI	Fu	447979	5G	KGUA_ECOLI	Fu	8977	1dar	2AN9	1QF5	2ANB		Sc=6.39894, min distance = 2.161728
PURA_ECOLI	Fu	6022	Ader	NDK_THET8	Fu	8977	1dar	1WKK	1QF5	1WKL	0.8	Sc=6.03387, min distance = 2.271478
PURA_ECOLI	Fu	6083	ader	NADE_ECOLI	Fu	445708	AM	1WXE	1SON	1WXI	0.91	Sc=6.35869, min distance = 2.190475

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PURA_ECOLI	F1	6083	ader	PYGM_RABIT	Fu	8582	Inos	2QN7	1CIB	8GPB	0.79	Sc=6.37056, min distance = 2.286274
PURA_ECOLI	F1	65110	AIC	PURO_METTH	Fu	8582	Inos	2NTK	1CIB	2NTL	0.97	Sc=6.32225, min distance = 1.635886
PURA_ECOLI	F1	6804	guar	DPOL_BPR69	Fu	8977	ldar	1CLQ	1QF5	1WAJ	0.99	Sc=5.66186, min distance = 2.572444
PURA_ECOLI	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1QF5	1G7C	0.99	Sc=5.66539, min distance = 2.044092
PURK_ECOLI	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	2UVY		Sc=6.2451, min distance = 2.0656546
PURK_ECOLI	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	2VNW		Sc=6.19798, min distance = 1.943904
PURK_ECOLI	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	2UW5		Sc=6.17989, min distance = 2.080074
PURK_ECOLI	F1	17751819		KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	2VO6		Sc=6.33407, min distance = 1.892139
PURK_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	1Q8W		Sc=5.9603, min distance = 2.1640806
PURK_ECOLI	F1	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	3ETH	1KJJ	0.99	Sc=6.47448, min distance = 2.551997
PURK_ECOLI	F1	444564	AI	BIOD_ECOLI	Fu	5957	Aden	1A82	3ETH	1BS1	0.91	Sc=6.43746, min distance = 2.083457
PURK_ECOLI	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	3ETJ	1GZ8		Sc=6.21253, min distance = 1.648421
PURK_ECOLI	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	3ETH	1PHK		Sc=6.03987, min distance = 2.410607
PURK_ECOLI	F1	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	3ETH	1ZTF	0.94	Sc=6.23012, min distance = 2.442044
PURK_ECOLI	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	1Q8T		Sc=6.14764, min distance = 2.143806
PURK_ECOLI	F1	448043	2c	KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	1Q8U		Sc=6.01358, min distance = 2.165596
PURK_ECOLI	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	3ETH	1YDR		Sc=5.96713, min distance = 2.077096
PURK_ECOLI	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	3ETJ	2ERZ		Sc=6.17987, min distance = 2.217353
PURK_ECOLI	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	3ETH	2V8Q	0.98	Sc=6.36522, min distance = 1.972166
PURK_ECOLI	F1	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	3ETH	2R7M	0.98	Sc=6.3548, min distance = 2.3082933
PURK_ECOLI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	3ETJ	2R7M	0.99	Sc=6.38356, min distance = 2.548013
PURK_ECOLI	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	3ETH	2R85	0.98	Sc=6.3548, min distance = 2.6079718
PURK_ECOLI	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	3ETJ	1FMO	0.95	Sc=6.25934, min distance = 2.361839
PURK_ECOLI	F1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	3ETJ	1Q97	0.95	Sc=6.27292, min distance = 1.681787
PURK_ECOLI	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	3ETJ	2DXF	0.8	Sc=6.40204, min distance = 2.329682
PURK_ECOLI	F1	8977	ldar	NDK_THET8	Fu	6022	Aden	1WKL	3ETJ	1WKK	0.8	Sc=6.02364, min distance = 1.298909
PURK_ECOLI	F1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	3ETJ	1DAG	0.99	Sc=6.01874, min distance = 2.286439
PURK_ECOLI	F1	91532	AMF	MTNK_BACSU	Fu	6022	Aden	2OLC	3ETJ	2PUL	0.99	Sc=6.51962, min distance = 2.341787
PURK_ECOLI	F1	91532	AMF	RBSK_ECOLI	Fu	6022	Aden	1RKD	3ETJ	1GQT	0.99	Sc=6.54469, min distance = 1.015711
PURK_ECOLI	F1	9547944	2	RNAS1_BOVIN	F1	6022	Aden	100H	3ETJ	2G8R		Sc=6.46276, min distance = 1.755109
PURL_THEMA	F1	11314340		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HS0	2UZT		Sc=6.39916, min distance = 2.130541
PURL_THEMA	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HS0	2VNW		Sc=6.18562, min distance = 2.241049
PURL_THEMA	F1	16122632		KAPCA_BOVIN	F1	5957	Aden	1Q24	2HS0	2UVZ		Sc=6.38839, min distance = 2.087144
PURL_THEMA	F1	33113	gar	PURT_ECOLI	Fu	91532	AMF	1KJI	2HS4	1EYZ	0.99	Sc=6.06412, min distance = 1.748686
PURL_THEMA	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HS0	1YDS		Sc=5.90112, min distance = 2.320449
PURL_THEMA	F1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	2HRU	1B99		Sc=5.91655, min distance = 1.850349
PURL_THEMA	F1	444564	AI	BIOD_ECOLI	Fu	5957	Aden	1A82	2HS0	1BS1	0.91	Sc=6.39694, min distance = 2.633567

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PURL_THEMA	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2HRU	1BS1	0.91	Sc=5.9388, min distance = 2.253768
PURL_THEMA	F1	444564	AD	MYS2_DICDI	Fu:	5957	Aden	1FMW	2HS0	1W9I	0.91	Sc=6.40423, min distance = 0
PURL_THEMA	F1	446090	1H	NDKC_DICDI	Fu:	6022	Aden	1KDN	2HRU	1HIY	0.97	Sc=6.40913, min distance = 1.96813
PURL_THEMA	F1	447916	ad	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	2HS0	1ZTF	0.94	Sc=6.26145, min distance = 2.63239
PURL_THEMA	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	2HRU	1ZTF	0.95	Sc=6.25098, min distance = 2.04086
PURL_THEMA	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HS0	1YDR		Sc=5.95819, min distance = 2.02268
PURL_THEMA	F1	5327103	2	HS90A_HUMAN	F1	6022	Aden	1BYQ	2HRU	2BYH		Sc=6.20348, min distance = 2.01545
PURL_THEMA	F1	6083	ader	PURP_METJA	Fu:	5957	Aden	2R7L	2HS0	2R7M	0.98	Sc=6.33814, min distance = 2.87728
PURL_THEMA	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	2HS0	2R85	0.98	Sc=6.3529, min distance = 2.391388
PURL_THEMA	F1	6133	uric	CCA_ARCFU	Fu:	5957	Aden	1R8B	2HS0	1R8C		Sc=6.35382, min distance = 2.42295
PURL_THEMA	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	2HS0	2GNI		Sc=5.97731, min distance = 2.01282
PURO_METTH	F1	100252	Ri	IMDH_TRIFO	Fu:	8582	Inos	1MEH	2NTK	1ME8		Sc=6.30218, min distance = 2.06870
PURO_METTH	F1	6083	ader	AAKG1_HUMAN	F1	65110	AIC	2UV5	2NTL	2UV4	0.79	Sc=6.42726, min distance = 1.94919
PURP_METJA	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	2R7L	2VNW		Sc=6.18678, min distance = 2.27531
PURP_METJA	F1	1400	nche	RET_HUMAN	Fu:	6083	aden	2IVT	2R7M	2IVV		Sc=6.02205, min distance = 2.24579
PURP_METJA	F1	16122632		KAPCA_BOVIN	F1	5957	Aden	1Q24	2R7L	2UVZ		Sc=6.37475, min distance = 2.17428
PURP_METJA	F1	16122635		KAPCA_BOVIN	F1	5957	Aden	1Q24	2R7L	2UW8		Sc=5.69628, min distance = 2.05218
PURP_METJA	F1	24762195		KAPCA_BOVIN	F1	5957	Aden	1Q24	2R7L	2VO0		Sc=6.31461, min distance = 2.27470
PURP_METJA	F1	36735	Gpp	Q9RVK2_DEIRA	1	5957	Aden	1SU2	2R7L	1SZ3	0.8	Sc=5.94371, min distance = 2.15644
PURP_METJA	F1	41211	3'	CSKP_HUMAN	Fu:	6083	aden	3C0H	2R7M	3C0I	1	Sc=5.82692, min distance = 2.40351
PURP_METJA	F1	440317	AT	FTSK_PSEAE	Fu:	6022	Aden	2IUU	2R7N	2IUT	0.99	Sc=6.00673, min distance = 1.97051
PURP_METJA	F1	440317	AT	SRC_CHICK	Fu:	6083	aden	3DQX	2R7M	3DQW	0.97	Sc=5.97251, min distance = 2.47618
PURP_METJA	F1	444564	AD	MYS2_DICDI	Fu:	5957	Aden	1FMW	2R7L	1W9I	0.91	Sc=5.94395, min distance = 0
PURP_METJA	F1	444852	CI	ATPA1_BOVIN	F1	5957	Aden	2V7Q	2R7L	1COW	0.91	Sc=5.96529, min distance = 2.36339
PURP_METJA	F1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2R7N	1GII		Sc=6.2645, min distance = 1.665994
PURP_METJA	F1	446090	1H	NDKC_DICDI	Fu:	6022	Aden	1KDN	2R7N	1HIY	0.97	Sc=6.4349, min distance = 2.123763
PURP_METJA	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	2R7L	1PHK		Sc=5.97392, min distance = 2.62755
PURP_METJA	F1	447916	ad	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	2R7L	1ZTF	0.94	Sc=6.2582, min distance = 2.354941
PURP_METJA	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	2R7N	1ZTF	0.95	Sc=6.27543, min distance = 2.23685
PURP_METJA	F1	448222	NE	ENPL_CANFA	Fu:	6022	Aden	1TC6	2R7N	1QY5	0.81	Sc=6.37962, min distance = 2.20748
PURP_METJA	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2R7L	1YDR		Sc=5.98801, min distance = 2.30881
PURP_METJA	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	2R7N	1FMO	0.95	Sc=6.2582, min distance = 2.372992
PURP_METJA	F1	611002	Og	PIM1_HUMAN	Fu:	6083	aden	1YXU	2R7M	1YXX		Sc=6.1096, min distance = 2.135593
PURP_METJA	F1	6176	Cyti	PYRI_ECOLI	Fu:	5957	Aden	7AT1	2R7L	2FZC		Sc=5.87802, min distance = 1.79335
PURP_METJA	F1	656964	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2R7M	1Y2C		Sc=5.81761, min distance = 2.27871
PURP_METJA	F1	656966	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2R7M	1Y2E		Sc=5.973, min distance = 1.9490728
PURP_METJA	F1	656969	1y	PDE4B_HUMAN	F1	6083	aden	1ROR	2R7M	1Y2J		Sc=6.18446, min distance = 2.15622

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PURP_METJA	F1	6804 guar	PDE10_HUMAN	F1	6083 aden	2OUN	2R7M	2OUQ	0.8	Sc=6.37789, min distance = 0
PURP_METJA	F1	6852207 M	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R7L	2GNI		Sc=5.97535, min distance = 2.234936
PURP_METJA	F1	8582 Inos	PYGM_RABIT	Fu	6083 aden	8GPB	2R7M	2QN7	0.79	Sc=6.3392, min distance = 2.5897385
PURP_METJA	F1	8977 1dar	NDK_PYRHO	Fu	6022 Aden	2DYA	2R7N	2DXE	0.8	Sc=6.00373, min distance = 2.162754
PURP_METJA	F1	9994066 4	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R7N	2VTJ		Sc=5.88168, min distance = 2.379135
PURP_PYRFU	F1	11608401	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	2UVY		Sc=6.19023, min distance = 2.073816
PURP_PYRFU	F1	11708454	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	2VNW		Sc=6.12681, min distance = 2.477400
PURP_PYRFU	F1	15342951	PYGM_RABIT	Fu	6083 aden	8GPB	2R85	3BCR		Sc=6.01955, min distance = 2.100832
PURP_PYRFU	F1	15942652	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	2DUV		Sc=6.3647, min distance = 1.6295431
PURP_PYRFU	F1	16122632	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	2UVZ		Sc=6.35409, min distance = 2.247154
PURP_PYRFU	F1	24836816	HS90A_HUMAN	F1	6022 Aden	1BYQ	2R87	3BMY		Sc=6.37197, min distance = 1.997439
PURP_PYRFU	F1	3540 1yds	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	1YDS		Sc=5.83364, min distance = 2.390650
PURP_PYRFU	F1	3547 Fasu	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	1Q8W		Sc=5.90625, min distance = 2.316300
PURP_PYRFU	F1	3973 nche	PIM1_HUMAN	Fu	6083 aden	1YXU	2R85	1YI3		Sc=5.95721, min distance = 1.968640
PURP_PYRFU	F1	440317 AT	SRC_CHICK	Fu	6083 aden	3DQX	2R85	3DQW	0.97	Sc=5.60028, min distance = 1.113176
PURP_PYRFU	F1	444564 AD	BIOD_ECOLI	Fu	6022 Aden	1DAD	2R87	1BS1	0.91	Sc=6.45364, min distance = 2.247552
PURP_PYRFU	F1	444842 CI	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	1CKP		Sc=5.60554, min distance = 2.219784
PURP_PYRFU	F1	445840 di	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	1GII		Sc=6.27545, min distance = 1.634732
PURP_PYRFU	F1	445841 py	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	1GIJ		Sc=6.44664, min distance = 1.959379
PURP_PYRFU	F1	447654 CI	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	1OIT		Sc=6.18474, min distance = 2.005618
PURP_PYRFU	F1	447916 ac	RIO1_ARCFU	Fu	5957 Aden	1ZP9	2R86	1ZTF	0.94	Sc=6.17057, min distance = 2.788152
PURP_PYRFU	F1	447955 1p	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	1PXI		Sc=5.78991, min distance = 2.118998
PURP_PYRFU	F1	449240 1y	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	1YDR		Sc=5.89401, min distance = 2.294630
PURP_PYRFU	F1	4566 1h1s	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	1H1S		Sc=6.34795, min distance = 1.473378
PURP_PYRFU	F1	60961 ade	IPKA_RABIT	Fu	6022 Aden	1JBP	2R87	1FMO	0.95	Sc=6.25934, min distance = 2.504648
PURP_PYRFU	F1	6338561 C	MYS2_DICDI	Fu	6022 Aden	1VOM	2R87	1DOX		Sc=6.21582, min distance = 1.896288
PURP_PYRFU	F1	65051 ddT	NDKC_DICDI	Fu	6022 Aden	1KDN	2R87	1F3F		Sc=6.43092, min distance = 1.351162
PURP_PYRFU	F1	656964 1y	PDE4D_HUMAN	F1	6083 aden	1TB7	2R85	1Y2C		Sc=5.78973, min distance = 2.093439
PURP_PYRFU	F1	656969 1y	PDE4B_HUMAN	F1	6083 aden	1ROR	2R85	1Y2J		Sc=6.16964, min distance = 2.311987
PURP_PYRFU	F1	6852207 M	KAPCA_BOVIN	F1	5957 Aden	1Q24	2R86	2GNI		Sc=5.89227, min distance = 2.160550
PURP_PYRFU	F1	91557 1tr	Q94M05_9VIRU	I	6022 Aden	1W44	2R87	1W48	0.99	Sc=6.08049, min distance = 1.180772
PURP_PYRFU	F1	9817550 V	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	3BHV		Sc=6.40106, min distance = 1.658259
PURP_PYRFU	F1	9994066 4	CDK2_HUMAN	Fu	6022 Aden	1GY3	2R87	2VTJ		Sc=5.95377, min distance = 2.484608
PURR_BACSU	F1	164795 N	RBCMT_PEA	Fu	23831 HEP	1MLV	1057	2H2J		Sc=5.74887, min distance = 1.255262
PURR_BACSU	F1	2014 CID2	TRY1_BOVIN	Fu	17472 Hex	2G81	1057	1BJU		Sc=6.08675, min distance = 2.248350
PURR_BACSU	F1	378 4-nit	PPAL_YEAST	Fu	23831 HEP	1D1P	1057	1D1Q		Sc=5.79098, min distance = 2.209284
PURR_BACSU	F1	6102772 C	ACES_MOUSE	Fu	17472 Hex	2HA2	1057	2GYU	0.81	Sc=5.81768, min distance = 2.498970

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PURR_ECOLI	F1	100684	9-	RICI_RICCO	Fu:	190	adeni	2P8N	2PUB	1IL4		Sc=5.78164, min distance = 2.410162
PURR_ECOLI	F1	100684	9-	TGT_ZYMMO	Fu1:	764	guani	2PWU	1WET	1Q2R		Sc=5.89242, min distance = 2.815131
PURR_ECOLI	F1	1188	xant	XGPT_ECOLI	Fu:	764	guani	1A95	1WET	1A96	0.92	Sc=5.85163, min distance = 2.623349
PURR_ECOLI	F1	11979	5-M	COBT_SALTY	Fu:	190	adeni	1JH8	2PUB	1JHM		Sc=5.67711, min distance = 2.506369
PURR_ECOLI	F1	242831	2-	TGT_ZYMMO	Fu1:	764	guani	2PWU	1WET	1S39		Sc=5.95951, min distance = 2.449551
PURR_ECOLI	F1	439713	(F	URAD_DANRE	Fu:	764	guani	2O74	1WET	2O73		Sc=5.83442, min distance = 2.452797
PURR_ECOLI	F1	446312	1i	RICI_RICCO	Fu:	190	adeni	2P8N	2PUB	1IL9		Sc=5.79566, min distance = 2.259871
PURR_ECOLI	F1	5078682	0	PNPH_BOVIN	Fu:	790	hypox	1A9Q	1JFT	2QPL		Sc=5.92682, min distance = 2.011831
PURR_ECOLI	F1	5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	2PUB	1S2I	0.93	Sc=5.64481, min distance = 2.975391
PURR_ECOLI	F1	675	Dimec	COBT_SALTY	Fu:	190	adeni	1JH8	2PUB	1D0S		Sc=5.73504, min distance = 2.634628
PURR_ECOLI	F1	76635	4,5	COBT_SALTY	Fu:	190	adeni	1JH8	2PUB	1L4F		Sc=5.6648, min distance = 2.0790942
PURR_ECOLI	F1	8646	Guar	PNPH_HUMAN	Fu:	764	guani	1V2H	1WET	1V41		Sc=5.85809, min distance = 2.260137
PURR_ECOLI	F1	96253	7-I	RICI_RICCO	Fu:	190	adeni	2P8N	2PUB	1IL3		Sc=5.79423, min distance = 2.497556
PURT_ECOLI	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	2UVY		Sc=6.21679, min distance = 1.948138
PURT_ECOLI	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	2VNW		Sc=6.15352, min distance = 2.125068
PURT_ECOLI	F1	11957393		FAK1_HUMAN	Fu:	6022	Aden	1MP8	1KJQ	2ETM		Sc=6.31416, min distance = 2.201686
PURT_ECOLI	F1	129236	2c	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1KJ8	2CSN		Sc=5.82028, min distance = 1.927261
PURT_ECOLI	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	1KJ8	2PE0		Sc=6.15325, min distance = 2.188902
PURT_ECOLI	F1	16122608		PDPK1_HUMAN	F1	5957	Aden	2BIY	1KJ8	2PE1		Sc=6.36143, min distance = 2.187316
PURT_ECOLI	F1	16214826		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	2UZL		Sc=6.11487, min distance = 2.066067
PURT_ECOLI	F1	1707	1fvt	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	1FVT		Sc=6.11218, min distance = 1.966457
PURT_ECOLI	F1	17754396		PDPK1_HUMAN	F1	5957	Aden	2BIY	1KJ8	2R7B		Sc=6.30136, min distance = 2.157995
PURT_ECOLI	F1	23653523		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	2R30		Sc=6.37211, min distance = 2.037691
PURT_ECOLI	F1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	1EYZ	2PVH		Sc=6.21996, min distance = 2.440777
PURT_ECOLI	F1	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	1JSV		Sc=6.01955, min distance = 1.454668
PURT_ECOLI	F1	3044933	7	ENPL_CANFA	Fu:	6022	Aden	1TC6	1KJQ	1U0Y	0.81	Sc=6.37755, min distance = 2.278978
PURT_ECOLI	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	1YDS		Sc=5.85757, min distance = 2.440000
PURT_ECOLI	F1	36735	Gpp	CSK2A_MAIZE	F1	33113	gar	1LP4	1EYZ	1DAY	0.8	Sc=5.98265, min distance = 2.090166
PURT_ECOLI	F1	444345	1c	PDPK1_HUMAN	F1	5957	Aden	2BIY	1KJ8	1OKY		Sc=6.34086, min distance = 2.310912
PURT_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu:	5957	Aden	1A82	1KJ8	1BS1	0.91	Sc=6.41531, min distance = 2.134270
PURT_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu:	91532	AMP	1DAG	1KJI	1BS1	0.91	Sc=6.04837, min distance = 2.139355
PURT_ECOLI	F1	444564	AD	MYS2_DICDI	Fu:	33113	gar	1MMN	1EYZ	1W9I	0.91	Sc=5.95851, min distance = 2.001446
PURT_ECOLI	F1	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	1GZ8		Sc=6.10488, min distance = 1.770409
PURT_ECOLI	F1	445998	CI	SYP_RHOPA	Fu1:	5957	Aden	2I4O	1KJ8	2I4M	0.88	Sc=6.5933, min distance = 0.9310112
PURT_ECOLI	F1	446704	LS	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	1KE6		Sc=6.26869, min distance = 1.911371
PURT_ECOLI	F1	447377	1r	SYP_RHOPA	Fu1:	5957	Aden	2I4O	1KJ8	2I4N	0.84	Sc=6.49894, min distance = 1.372579
PURT_ECOLI	F1	447766	1g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1KJQ	1P2A		Sc=6.35847, min distance = 1.607525

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PURT_ECOLI	F1	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KJQ	1PF8		Sc=6.13673, min distance = 2.224824
PURT_ECOLI	F1	447840	CI	PHKG1_RABIT	F1	5957	Aden	1QL6	1KJ8	1PHK		Sc=6.46801, min distance = 2.354218
PURT_ECOLI	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KJQ	1PXI		Sc=5.76545, min distance = 2.254626
PURT_ECOLI	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	1Q8T		Sc=6.01809, min distance = 2.311319
PURT_ECOLI	F1	448043	2c	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	1Q8U		Sc=5.98475, min distance = 2.296172
PURT_ECOLI	F1	448222	NE	ENPL_CANFA	Fu	6022	Aden	1TC6	1KJQ	1QY5	0.81	Sc=6.35811, min distance = 2.162554
PURT_ECOLI	F1	448965	1u	HS90A_HUMAN	F1	6022	Aden	1BYQ	1KJQ	1UY6		Sc=6.18155, min distance = 2.408584
PURT_ECOLI	F1	448974	1u	HS90A_HUMAN	F1	6022	Aden	1BYQ	1KJQ	1UYH		Sc=6.17607, min distance = 2.062459
PURT_ECOLI	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	1YDR		Sc=5.93726, min distance = 2.237429
PURT_ECOLI	F1	5288708	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KJQ	1KE5		Sc=6.12512, min distance = 1.858249
PURT_ECOLI	F1	5288710	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KJQ	1KE7		Sc=6.32987, min distance = 1.641329
PURT_ECOLI	F1	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KJQ	2BTS		Sc=5.89747, min distance = 1.997069
PURT_ECOLI	F1	5327132	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1KJQ	2C6I		Sc=6.26795, min distance = 2.033319
PURT_ECOLI	F1	5327148	0	IPKA_RABIT	Fu	33113	gar	1CDK	1EYZ	2ERZ		Sc=6.1463, min distance = 2.3713896
PURT_ECOLI	F1	5327148	0	IPKA_RABIT	Fu	6022	Aden	1JBP	1KJQ	2ERZ		Sc=6.14764, min distance = 2.510239
PURT_ECOLI	F1	5496922	0	HS90A_HUMAN	F1	6022	Aden	1BYQ	1KJQ	1UY7		Sc=6.22967, min distance = 2.330039
PURT_ECOLI	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1KJ8	2V8Q	0.98	Sc=6.32622, min distance = 1.943467
PURT_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	1EYZ	1XQS	0.97	Sc=6.28344, min distance = 1.876936
PURT_ECOLI	F1	6083	ader	PURP_METJA	Fu	91532	AMP	2R7K	1KJI	2R7M	0.97	Sc=5.93519, min distance = 2.232999
PURT_ECOLI	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1KJ8	2R85	0.98	Sc=6.33495, min distance = 2.656099
PURT_ECOLI	F1	6083	ader	SRC_CHICK	Fu	440317	AT	3DQW	1KJJ	3DQX	0.97	Sc=6.30011, min distance = 1.753212
PURT_ECOLI	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1EYZ	1Q97	0.93	Sc=6.23841, min distance = 1.443422
PURT_ECOLI	F1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1KJQ	1Q97	0.95	Sc=6.15213, min distance = 2.568739
PURT_ECOLI	F1	60961	ade	STK6_HUMAN	Fu	33113	gar	2DWB	1EYZ	1MUO	0.93	Sc=6.17584, min distance = 2.568694
PURT_ECOLI	F1	60961	ade	STK6_HUMAN	Fu	6022	Aden	1MQ4	1KJQ	1MUO	0.95	Sc=6.19516, min distance = 2.246239
PURT_ECOLI	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1KJ8	2Q0E	0.8	Sc=6.02028, min distance = 2.113594
PURT_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1KJ8	2GNI		Sc=5.93852, min distance = 1.906297
PURT_ECOLI	F1	8977	1dar	NDK_THET8	Fu	5957	Aden	1WKL	1KJ8	1WKK	0.8	Sc=5.98308, min distance = 1.618970
PURT_ECOLI	F1	9549303	2	STK6_HUMAN	Fu	33113	gar	2DWB	1EYZ	2NP8		Sc=6.51952, min distance = 2.073470
PURT_PYRHO	F1	1707	1fvt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1FVT		Sc=6.25133, min distance = 1.507786
PURT_PYRHO	F1	23653523		CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	2R30		Sc=6.42147, min distance = 2.038862
PURT_PYRHO	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1CKP		Sc=5.63672, min distance = 2.175249
PURT_PYRHO	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	2DWC	1COW	0.9	Sc=5.99374, min distance = 1.889332
PURT_PYRHO	F1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1GZ8		Sc=6.22156, min distance = 1.955204
PURT_PYRHO	F1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1H0V		Sc=6.30607, min distance = 2.220092
PURT_PYRHO	F1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2DWC	1HIY	0.97	Sc=6.40273, min distance = 2.098208
PURT_PYRHO	F1	446704	LS	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1KE6		Sc=6.37042, min distance = 2.043174

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PURT_PYRHO	F1	447654	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1OIT		Sc=6.28901, min distance = 2.02775
PURT_PYRHO	F1	447916	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2DWC	1ZTF	0.95	Sc=6.2582, min distance = 2.829450
PURT_PYRHO	F1	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	1PXI		Sc=5.79875, min distance = 2.17809
PURT_PYRHO	F1	448008	GSK3B_HUMAN	Fu	6022	Aden	1J1C	2DWC	1Q4L		Sc=6.44727, min distance = 1.68663
PURT_PYRHO	F1	448965	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2DWC	1UY6		Sc=6.35113, min distance = 2.04558
PURT_PYRHO	F1	5327097	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	2BTS		Sc=5.94044, min distance = 1.92444
PURT_PYRHO	F1	5327148	IPKA_RABIT	Fu	6022	Aden	1JBP	2DWC	2ERZ		Sc=6.17763, min distance = 2.01446
PURT_PYRHO	F1	5957	HSP7F_YEAST	Fu	6022	Aden	3C7N	2DWC	3D2F	0.99	Sc=5.99876, min distance = 1.94476
PURT_PYRHO	F1	5957	MALK_ECOLI	Fu	6022	Aden	2AWN	2DWC	1Q12	0.99	Sc=5.96438, min distance = 1.45962
PURT_PYRHO	F1	5957	MUTS_ECOLI	Fu	6022	Aden	1OH7	2DWC	1W7A	0.99	Sc=5.99947, min distance = 2.08657
PURT_PYRHO	F1	5957	Y059_METJA	Fu	6022	Aden	2J9D	2DWC	2J9C	0.99	Sc=6.46412, min distance = 2.12654
PURT_PYRHO	F1	6083	PURP_METJA	Fu	6022	Aden	2R7N	2DWC	2R7M	0.99	Sc=5.99424, min distance = 2.46440
PURT_PYRHO	F1	60961	SKY1_YEAST	Fu	6022	Aden	1Q8Y	2DWC	1Q97	0.95	Sc=6.24707, min distance = 2.41991
PURT_PYRHO	F1	6132	RIR1_YEAST	Fu	6022	Aden	2CVX	2DWC	2CVU		Sc=6.26848, min distance = 1.48029
PURT_PYRHO	F1	6420140	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	2C5Y		Sc=6.54107, min distance = 1.98624
PURT_PYRHO	F1	6804	NDK_PYRHO	Fu	6022	Aden	2DYA	2DWC	2DXF	0.8	Sc=6.02783, min distance = 2.50646
PURT_PYRHO	F1	8977	NDK_THET8	Fu	6022	Aden	1WKL	2DWC	1WKK	0.8	Sc=6.41519, min distance = 2.14244
PURT_PYRHO	F1	91532	PURP_METJA	Fu	6022	Aden	2R7N	2DWC	2R7K	0.99	Sc=6.01543, min distance = 2.24292
PURT_PYRHO	F1	91532	PURT_ECOLI	Fu	6022	Aden	1KJQ	2DWC	1KJI	0.99	Sc=6.01874, min distance = 2.31033
PURT_PYRHO	F1	9991833	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	2R3H		Sc=6.05783, min distance = 1.95900
PURT_PYRHO	F1	9994066	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DWC	2VTJ		Sc=5.95256, min distance = 2.11624
PUS10_HUMAN	I	164795	RBCMT_PEA	Fu	23831	HEP	1MLV	2V9K	2H2J		Sc=5.61167, min distance = 2.45758
PUS10_HUMAN	I	444305	XYNA_BACSU	Fu	23831	HEP	2B45	2V9K	2DCY		Sc=5.79517, min distance = 0.90134
PUS10_HUMAN	I	64689	GUB_PAEMA	Fu	23831	HEP	1AJK	2V9K	1U0A		Sc=5.93054, min distance = 0.63468
PUS10_HUMAN	I	8200	Q8WSF8_APLCA	I	23831	HEP	2BR7	2V9K	2BYN		Sc=5.73968, min distance = 1.10850
PUS10_HUMAN	I	82313	LYSC_CHICK	Fu	23831	HEP	2HUB	2V9K	1LSZ		Sc=5.9366, min distance = 2.316083
PUTA_ECOLI	F1	854023	Q8WSF8_APLCA	I	62551	Pen	2BYN	1K87	2BYQ		Sc=5.6617, min distance = 1.912366
PYGL_HUMAN	F1	1052	PDXK_SHEEP	Fu	95687	Dec	1RFU	1XOI	1RFT	0.92	Sc=5.91376, min distance = 1.64553
PYGL_HUMAN	F1	2153	Q873X9_ASPFU	I	2519	caff	2A3B	1L5Q	2A3A	0.91	Sc=6.02736, min distance = 0.70783
PYGL_HUMAN	F1	24905143	SRC_CHICK	Fu	6083	aden	3DQX	1FA9	3EN7		Sc=6.06417, min distance = 2.22722
PYGL_HUMAN	F1	445916	XYLA_STRRU	Fu	79025	alp	1XIF	2ATI	1GW9	0.93	Sc=5.61389, min distance = 2.83396
PYGL_HUMAN	F1	448895	UMPK_YEAST	Fu	6083	aden	1UKZ	1FA9	1UKY	0.99	Sc=5.80138, min distance = 2.50779
PYGL_HUMAN	F1	449180	XYLA_STRRU	Fu	79025	alp	1XIF	2ATI	4XIS		Sc=5.71461, min distance = 2.17421
PYGL_HUMAN	F1	449193	PDE4B_HUMAN	Fu	6083	aden	1ROR	1FA9	1XMU		Sc=5.90099, min distance = 2.28002
PYGL_HUMAN	F1	449225	XYLA_STROL	Fu	79025	alp	1S5M	2ATI	1XYC		Sc=5.95073, min distance = 1.62876
PYGL_HUMAN	F1	449343	XYLA_STROL	Fu	79025	alp	1S5M	2ATI	2GYI		Sc=5.7325, min distance = 2.259708
PYGL_HUMAN	F1	4740	Q873X9_ASPFU	I	2519	caff	2A3B	1L5Q	2A3C	0.89	Sc=6.25524, min distance = 2.15556

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PYGL_HUMAN	F1	5289590	XYLA_STRRU	Fu	79025	alp	1XIF	2ATI	1XII		Sc=5.72465, min distance = 2.460188	
PYGL_HUMAN	F1	5326566	Q9WZW1_THEMA	I	444658	2a	1T6Z	1L5R	1S4M	0.85	Sc=6.3327, min distance = 2.4940064	
PYGL_HUMAN	F1	5327121	PIM1_HUMAN	Fu	6083	aden	1YXU	1FA9	2C3I		Sc=5.94104, min distance = 2.368983	
PYGL_HUMAN	F1	5780	D-Sc	XYLA_STRRU	Fu	79025	alp	1XIF	2ATI	1XIH	0.78	Sc=5.94196, min distance = 2.391918
PYGL_HUMAN	F1	64960	Pol	XYLA_STRRU	Fu	79025	alp	1XIF	2ATI	1XIE	0.89	Sc=5.75873, min distance = 2.513526
PYGL_HUMAN	F1	892	myo-i	SFTPD_HUMAN	F1	79025	alp	1PWB	2ATI	2OS9		Sc=5.90909, min distance = 1.838217
PYGL_HUMAN	F1	95259	L-x	XYLA_STRRU	Fu	79025	alp	1XIF	2ATI	1XIC		Sc=5.70633, min distance = 2.004463
PYGL_HUMAN	F1	9578243	E	PDE4B_HUMAN	F1	6083	aden	1ROR	1FA9	1XLZ		Sc=5.98564, min distance = 2.549133
PYGM_HUMAN	F1	100684	9-	RICI_RICCO	Fu	190	adeni	2P8N	1Z8D	1IL4		Sc=5.71748, min distance = 2.981034
PYGM_HUMAN	F1	11550797		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2FET		Sc=6.31976, min distance = 2.621750
PYGM_HUMAN	F1	124823	6c	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	6GPB	0.78	Sc=6.09081, min distance = 2.506365
PYGM_HUMAN	F1	15042826		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	3BCS		Sc=6.31779, min distance = 2.669192
PYGM_HUMAN	F1	15613364		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	3BD7		Sc=6.35922, min distance = 2.635292
PYGM_HUMAN	F1	21678292		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	3BD8		Sc=6.32013, min distance = 2.620119
PYGM_HUMAN	F1	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	1Z8D	3C4E		Sc=5.99648, min distance = 2.318523
PYGM_HUMAN	F1	24851683		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QLM		Sc=6.5302, min distance = 2.3336518
PYGM_HUMAN	F1	24856350		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QN7		Sc=6.52318, min distance = 2.628495
PYGM_HUMAN	F1	24856351		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QN8		Sc=6.56796, min distance = 2.056687
PYGM_HUMAN	F1	24856352		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QN9		Sc=6.5153, min distance = 2.7236910
PYGM_HUMAN	F1	24860521		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QRM		Sc=6.44957, min distance = 2.587703
PYGM_HUMAN	F1	24860522		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QRP		Sc=6.43502, min distance = 2.516644
PYGM_HUMAN	F1	24864075		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QRG		Sc=6.36264, min distance = 2.597335
PYGM_HUMAN	F1	24864076		PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2QRH		Sc=6.31878, min distance = 2.620583
PYGM_HUMAN	F1	2519	caff	PYGL_HUMAN	Fu	79025	alp	2ATI	1Z8D	1L5Q		Sc=5.86511, min distance = 2.756822
PYGM_HUMAN	F1	3758	IBMX	PDE4D_HUMAN	F1	6083	aden	1TB7	1Z8D	1ZKN		Sc=6.01127, min distance = 2.189304
PYGM_HUMAN	F1	4369162	1	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1HLF		Sc=6.16762, min distance = 2.609298
PYGM_HUMAN	F1	440115	N-	SFTPD_HUMAN	F1	79025	alp	1PWB	1Z8D	2ORJ		Sc=6.14954, min distance = 1.805857
PYGM_HUMAN	F1	444185	1a	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1A8I		Sc=6.19693, min distance = 2.525873
PYGM_HUMAN	F1	445382	2g	PYGL_HUMAN	Fu	79025	alp	2ATI	1Z8D	1L5R		Sc=6.10599, min distance = 2.396248
PYGM_HUMAN	F1	445382	2g	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1WW2		Sc=6.09945, min distance = 2.570282
PYGM_HUMAN	F1	445717	GI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1FTQ		Sc=6.19095, min distance = 2.550223
PYGM_HUMAN	F1	445718	GI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1FTW		Sc=6.23107, min distance = 2.544330
PYGM_HUMAN	F1	445720	GI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1FTY		Sc=6.2368, min distance = 2.6191985
PYGM_HUMAN	F1	445722	1-	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1FU7		Sc=6.12768, min distance = 2.516093
PYGM_HUMAN	F1	445723	1-	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1P4H		Sc=6.2668, min distance = 2.0537258
PYGM_HUMAN	F1	445825	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1GG8		Sc=5.99781, min distance = 2.697434
PYGM_HUMAN	F1	445916	be	XYLA_STRRU	Fu	79025	alp	1XIF	1Z8D	1GW9	0.93	Sc=5.60935, min distance = 2.863012

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PYGM_HUMAN	F1	446801	1k	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1KTI		Sc=6.27387, min distance = 2.721140
PYGM_HUMAN	F1	447413	NT	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1NOJ		Sc=5.99708, min distance = 2.573272
PYGM_HUMAN	F1	447607	1c	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2G9V		Sc=5.71337, min distance = 2.552346
PYGM_HUMAN	F1	447770	CC	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1P4G		Sc=6.14023, min distance = 2.487751
PYGM_HUMAN	F1	447771	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1P4J		Sc=6.05716, min distance = 2.629062
PYGM_HUMAN	F1	449343	2c	XYLA_STROL	Fu	79025	alp	1S5M	1Z8D	2GYI		Sc=5.73594, min distance = 2.114518
PYGM_HUMAN	F1	449515	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	4GPB	0.83	Sc=5.9839, min distance = 2.0493015
PYGM_HUMAN	F1	449554	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	5GPB		Sc=6.08154, min distance = 2.091670
PYGM_HUMAN	F1	5287547	6	PURR_ECOLI	Fu	190	adeni	2PUB	1Z8D	2PUA	0.9	Sc=5.60768, min distance = 3.246951
PYGM_HUMAN	F1	5287830	6	Q8RLY5_LACHE	I	190	adeni	1S2D	1Z8D	1S2I	0.93	Sc=5.63076, min distance = 2.485279
PYGM_HUMAN	F1	5289590	I	XYLA_STRRU	Fu	79025	alp	1XIF	1Z8D	1XII		Sc=5.73619, min distance = 2.176039
PYGM_HUMAN	F1	5326622	C	PYGL_HUMAN	Fu	79025	alp	2ATI	1Z8D	1L5S		Sc=5.90403, min distance = 2.803704
PYGM_HUMAN	F1	5327121	I	PIM1_HUMAN	Fu	6083	aden	1YXU	1Z8D	2C3I		Sc=6.02626, min distance = 2.160801
PYGM_HUMAN	F1	5780	D-Sc	XYLA_STRRU	Fu	79025	alp	1XIF	1Z8D	1XIH	0.78	Sc=5.94468, min distance = 2.098589
PYGM_HUMAN	F1	6076	Cycl	PDE10_HUMAN	F1	6083	aden	2OUN	1Z8D	2OUR	0.99	Sc=6.32163, min distance = 2.262931
PYGM_HUMAN	F1	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1Z8D	1YXX		Sc=6.23486, min distance = 1.845430
PYGM_HUMAN	F1	64960	Pol	XYLA_STRRU	Fu	79025	alp	1XIF	1Z8D	1XIE	0.89	Sc=5.74384, min distance = 2.530991
PYGM_HUMAN	F1	65533	cor	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	3GPB	0.87	Sc=6.03187, min distance = 2.120731
PYGM_HUMAN	F1	656969	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	1Z8D	1Y2K		Sc=6.17438, min distance = 1.916660
PYGM_HUMAN	F1	657042	CH	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1KXX		Sc=6.34728, min distance = 2.600561
PYGM_HUMAN	F1	657043	CH	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1XL0		Sc=6.18187, min distance = 2.609079
PYGM_HUMAN	F1	657044	CH	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	1XL1		Sc=6.2915, min distance = 2.5808161
PYGM_HUMAN	F1	675	Dimec	COBT_SALTY	Fu	190	adeni	1JH8	1Z8D	1D0S		Sc=5.67688, min distance = 2.570362
PYGM_HUMAN	F1	6852179	M	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2F3Q		Sc=6.23776, min distance = 2.275374
PYGM_HUMAN	F1	6852183	M	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2F3U		Sc=6.37829, min distance = 2.258992
PYGM_HUMAN	F1	6914619	C	PYGM_RABIT	Fu	79025	alp	1H5U	1Z8D	2FFR		Sc=6.22194, min distance = 2.434149
PYGM_HUMAN	F1	76635	4,5	COBT_SALTY	Fu	190	adeni	1JH8	1Z8D	1L4F		Sc=5.62477, min distance = 2.753558
PYGM_HUMAN	F1	78598	5-M	COBT_SALTY	Fu	190	adeni	1JH8	1Z8D	1JHP		Sc=5.64546, min distance = 2.883039
PYGM_HUMAN	F1	892	myo-i	SFTPD_HUMAN	F1	79025	alp	1PWB	1Z8D	2OS9		Sc=5.91587, min distance = 1.873031
PYGM_HUMAN	F1	95054	Pte	RICI_RICCO	Fu	6083	aden	1OBT	1Z8D	1BR6		Sc=5.80162, min distance = 2.319188
PYGM_HUMAN	F1	95687	Dec	PYGL_HUMAN	Fu	79025	alp	2ATI	1Z8D	1XOI		Sc=5.99598, min distance = 2.716006
PYGM_HUMAN	F1	9578243	F	PDE4B_HUMAN	F1	6083	aden	1ROR	1Z8D	1XLZ		Sc=6.10033, min distance = 2.170654
PYGM_HUMAN	F1	96253	7-D	RICI_RICCO	Fu	190	adeni	2P8N	1Z8D	1IL3		Sc=5.80142, min distance = 2.954018
PYGM_RABIT	F1	11957431		BGLA_THEMA	Fu	447413	NT	2J7B	1NOJ	2J7D		Sc=6.28284, min distance = 1.997084
PYGM_RABIT	F1	11957433		BGLA_THEMA	Fu	447413	NT	2J7B	1NOJ	2J7F		Sc=6.24547, min distance = 2.020038
PYGM_RABIT	F1	11957434		BGLA_THEMA	Fu	447413	NT	2J7B	1NOJ	2J7G		Sc=6.32499, min distance = 1.836278
PYGM_RABIT	F1	11957434		BGLA_THEMA	Fu	447607	1c	1OIF	2G9V	2J7G		Sc=6.30319, min distance = 1.253705

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PYGM_RABIT	F1	11957435	BGLA_THEME	Fu	447413	NT	2J7B	1NOJ	2J7H		Sc=5.68936, min distance = 1.97590
PYGM_RABIT	F1	11957435	BGLA_THEME	Fu	447607	1c	1OIF	2G9V	2J7H		Sc=5.67557, min distance = 2.474098
PYGM_RABIT	F1	11986113	PIM1_HUMAN	Fu	6083	aden	1YXU	8GPB	2BZH		Sc=6.44717, min distance = 2.158980
PYGM_RABIT	F1	11986115	PIM1_HUMAN	Fu	6083	aden	1YXU	8GPB	2BZJ		Sc=6.2382, min distance = 2.030687
PYGM_RABIT	F1	11987879	BGLA_THEME	Fu	447413	NT	2J7B	1NOJ	2J75		Sc=5.81167, min distance = 1.974235
PYGM_RABIT	F1	124434	BGLA_THEME	Fu	447607	1c	1OIF	2G9V	2CBV		Sc=5.86672, min distance = 2.036685
PYGM_RABIT	F1	1400	RET_HUMAN	Fu	6083	aden	2IVT	8GPB	2IVV		Sc=5.8753, min distance = 2.149772
PYGM_RABIT	F1	2153	Q873X9_ASPFU	I	2519	caff	2A3B	1GFZ	2A3A	0.91	Sc=5.92998, min distance = 0.777938
PYGM_RABIT	F1	24905143	SRC_CHICK	Fu	6083	aden	3DQX	8GPB	3EN7		Sc=6.2355, min distance = 1.271161
PYGM_RABIT	F1	439217	GLMS_ECOLI	Fu	439284	Rc	1MOR	1GPY	1MOQ		Sc=5.91718, min distance = 2.12914
PYGM_RABIT	F1	439236	ALGC_PSEAE	Fu	439284	Rc	1P5G	1GPY	2H4L	0.87	Sc=5.63797, min distance = 2.47151
PYGM_RABIT	F1	440102	ALGC_PSEAE	Fu	439284	Rc	1P5G	1GPY	2H5A	0.94	Sc=5.7653, min distance = 2.105509
PYGM_RABIT	F1	444345	PIM1_HUMAN	Fu	6083	aden	1YXU	8GPB	1YHS		Sc=6.28079, min distance = 2.142958
PYGM_RABIT	F1	445248	MYRA_SINAL	Fu	447413	NT	1E6Q	1NOJ	1E6S		Sc=5.95702, min distance = 2.437265
PYGM_RABIT	F1	445257	MYRA_SINAL	Fu	447413	NT	1E6Q	1NOJ	1E70		Sc=5.61822, min distance = 2.34599
PYGM_RABIT	F1	445999	Q79G13_MYCTU	I	447607	1c	1UP2	2G9V	1UOZ		Sc=5.65049, min distance = 0.653485
PYGM_RABIT	F1	447651	BGLA_THEME	Fu	447413	NT	2J7B	1NOJ	2J77		Sc=5.81359, min distance = 2.079295
PYGM_RABIT	F1	448895	UMPK_YEAST	Fu	6083	aden	1UKZ	8GPB	1UKY	0.99	Sc=5.82063, min distance = 2.26707
PYGM_RABIT	F1	448980	BGLA_THEME	Fu	447413	NT	2J7B	1NOJ	1UZ1		Sc=5.80766, min distance = 2.180830
PYGM_RABIT	F1	448980	BGLA_THEME	Fu	447607	1c	1OIF	2G9V	1UZ1	0.79	Sc=5.78241, min distance = 2.687810
PYGM_RABIT	F1	449101	BGLA_THEME	Fu	447413	NT	2J7B	1NOJ	1W3J		Sc=5.61389, min distance = 2.13792
PYGM_RABIT	F1	449101	BGLA_THEME	Fu	447607	1c	1OIF	2G9V	1W3J	0.76	Sc=5.60036, min distance = 2.61070
PYGM_RABIT	F1	449180	XYLA_STRRU	Fu	79025	alp	1XIF	1H5U	4XIS		Sc=5.73055, min distance = 2.25529
PYGM_RABIT	F1	449343	XYLA_STROL	Fu	79025	alp	1S5M	1H5U	2GYI		Sc=5.72294, min distance = 2.27089
PYGM_RABIT	F1	5326892	BGLA_THEME	Fu	447413	NT	2J7B	1NOJ	2J7C		Sc=6.10137, min distance = 2.264418
PYGM_RABIT	F1	6022	PURP_METJA	Fu	6083	aden	2R7M	8GPB	2R7N	0.99	Sc=5.80912, min distance = 2.09940
PYGM_RABIT	F1	611002	PIM1_HUMAN	Fu	6083	aden	1YXU	8GPB	1YXX		Sc=5.97495, min distance = 1.53950
PYGM_RABIT	F1	6419789	HASP_HUMAN	Fu	6083	aden	3DLZ	8GPB	3E7V		Sc=6.0126, min distance = 2.983118
PYGM_RABIT	F1	64689	Q79G13_MYCTU	I	447607	1c	1UP2	2G9V	1UP0		Sc=5.82924, min distance = 2.39500
PYGM_RABIT	F1	656964	PDE4D_HUMAN	Fu	6083	aden	1TB7	8GPB	1Y2C		Sc=5.91095, min distance = 2.534068
PYGM_RABIT	F1	656966	PDE4D_HUMAN	Fu	6083	aden	1TB7	8GPB	1Y2E		Sc=6.03643, min distance = 2.34537
PYGM_RABIT	F1	657135	PIM1_HUMAN	Fu	6083	aden	1YXU	8GPB	1YXV		Sc=5.74641, min distance = 3.01569
PYGM_RABIT	F1	7048614	XYLA_STRRU	Fu	79025	alp	1XIF	1H5U	1XID		Sc=5.82551, min distance = 2.08802
PYGM_RABIT	F1	81462	GLCM_HUMAN	Fu	447607	1c	2NSX	2G9V	2V3F		Sc=6.02633, min distance = 2.01577
PYGM_RABIT	F1	91532	PURP_METJA	Fu	6083	aden	2R7M	8GPB	2R7K	0.97	Sc=5.96303, min distance = 2.06450
PYGM_RABIT	F1	95259	XYLA_STRRU	Fu	79025	alp	1XIF	1H5U	1XIC		Sc=5.70204, min distance = 2.08158
PYGM_RABIT	F1	9549193	BGLA_THEME	Fu	447607	1c	1OIF	2G9V	2CES		Sc=6.0068, min distance = 2.588945

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PYLS_METMA	F1	36735	Gpp	Q04230_ECOLX	1	33113	gar	1GL7	2Q7E	1GL6	0.8	Sc=6.0289, min distance = 1.6812596
PYLS_METMA	F1	445439	CI	SYT_STAAW	Fu	5957	Aden	1NYR	2Q7G	1NYQ	0.86	Sc=6.55457, min distance = 1.684022
PYLS_METMA	F1	447377	1r	SYR_RHOPA	Fu	5957	Aden	2I4O	2Q7G	2I4N	0.84	Sc=6.49493, min distance = 2.354317
PYLS_METMA	F1	447378	1r	SYR_ENTFA	Fu	5957	Aden	2J3M	2Q7G	2J3L	0.83	Sc=6.54959, min distance = 2.455470
PYLS_METMA	F1	91532	AMF	SYK2_ECOLI	Fu	5957	Aden	1E24	2Q7G	1E22	28.3	0.99 Sc=6.50347, min distance = 2.439825
PYR5_HUMAN	F1	150959	11	A5KE56_PLAVI	1	6030	Urid	2FFC	2V30	2GUU	0.77	Sc=5.84238, min distance = 2.618009
PYR5_HUMAN	F1	445210	9-	KITH_HHV11	Fu	449489	Id	3VTK	2QCH	1E2I		Sc=5.91557, min distance = 0
PYR5_HUMAN	F1	9700	thyr	KITH_HHV11	Fu	449489	Id	3VTK	2QCH	1VTK	0.91	Sc=5.87307, min distance = 2.210016
PYRB_ECOLI	F1	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	1R0B	1ACO		Sc=5.87857, min distance = 1.328453
PYRB_ECOLI	F1	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	1R0B	1FGH		Sc=5.92684, min distance = 2.449714
PYRB_ECOLI	F1	446944	CI	MIF_HUMAN	Fu	311	citri	1GD0	1R0B	1LJT		Sc=6.20083, min distance = 0.707899
PYRB_ECOLI	F1	447376	2-	ACON_BOVIN	Fu	311	citri	1C96	1R0B	1NIS		Sc=5.83567, min distance = 2.554602
PYRB_ECOLI	F1	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	1R0B	4TIM		Sc=5.66437, min distance = 1.723757
PYRB_ECOLI	F1	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	1R0B	8ACN		Sc=5.87827, min distance = 2.053207
PYRB_ECOLI	F1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1R0B	1YBA	0.76	Sc=5.83812, min distance = 0.954838
PYRC_ECOHS	F1	16214780		PYRC_ECOLI	Fu	439216	L-	2Z26	2Z27	2EG7		Sc=5.99439, min distance = 2.572509
PYRDA_LACLC	1	127	4-hyd	PCXA_PSEPU	Fu	72	protoc	1YKN	2BSL	3PCG	0.79	Sc=5.81276, min distance = 1.299779
PYRDA_LACLC	1	127	4-hyd	PCXB_PSEPU	Fu	72	protoc	1YKN	2BSL	3PCG	0.79	Sc=5.81111, min distance = 1.899884
PYRDA_LACLC	1	135	p-Hyd	PCXA_PSEPU	Fu	72	protoc	1YKN	2BSL	3PCC	0.89	Sc=5.69396, min distance = 2.135258
PYRDA_LACLC	1	135	p-Hyd	PHHY_PSEFL	Fu	72	protoc	1PHH	2BSL	1PBE	0.89	Sc=5.69586, min distance = 2.193653
PYRDA_LACLC	1	160456	3p	PCXA_PSEPU	Fu	72	protoc	1YKN	2BSL	3PCF	0.87	Sc=5.72493, min distance = 2.145437
PYRDA_LACLC	1	193479	Hi	PCXA_PSEPU	Fu	72	protoc	1YKN	2BSL	3PCJ		Sc=5.78503, min distance = 2.036193
PYRDA_LACLC	1	3505109	4	PCXA_ACIAD	Fu	72	protoc	2BUV	2BSL	2BUU		Sc=5.79566, min distance = 2.187536
PYRDA_LACLC	1	3505109	4	PCXB_ACIAD	Fu	72	protoc	2BUV	2BSL	2BUU		Sc=5.80345, min distance = 2.177444
PYRDA_LACLC	1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1JUB	1LTD	0.77	Sc=6.17114, min distance = 2.096583
PYRDA_LACLC	1	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1JUB	1SZG	0.76	Sc=6.19415, min distance = 1.656377
PYRDA_LACLC	1	7420	3-Hy	PCXA_PSEPU	Fu	72	protoc	1YKN	2BSL	3PCB	0.89	Sc=5.69586, min distance = 2.564352
PYRDB_LACLM	1	72	protoc	PYRDA_LACLC	F1	967	Oroti	1JQX	1EP2	2BSL	30	Sc=5.80476, min distance = 2.118966
PYRDB_LACLM	1	7424	alph	PYRDA_LACLC	F1	967	Oroti	1JQX	1EP2	2BX7	30	Sc=5.79322, min distance = 2.231011
PYRD_ECOLI	F1	15942658		PYRD_HUMAN	Fu	444243	FA	1D3G	1F76	2FPY		Sc=6.30948, min distance = 2.106977
PYRD_ECOLI	F1	24794393		PYRD_HUMAN	Fu	444243	FA	1D3G	1F76	2PRL		Sc=6.19863, min distance = 1.972974
PYRD_ECOLI	F1	72	protoc	PYRDA_LACLC	F1	967	Oroti	1JQX	1F76	2BSL		Sc=5.80653, min distance = 2.409922
PYRD_ECOLI	F1	7424	alph	PYRDA_LACLC	F1	967	Oroti	1JQX	1F76	2BX7		Sc=5.78911, min distance = 2.539640
PYRD_HUMAN	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	1D3G	1JRB	32.22	Sc=6.20746, min distance = 2.357210
PYRD_HUMAN	F1	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1D3G	1LTD	0.77	Sc=6.20107, min distance = 2.346006
PYRD_HUMAN	F1	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1D3G	1SZG	0.76	Sc=6.21636, min distance = 1.963074
PYRD_PLAF7	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	1TV5	1JRB		Sc=6.19869, min distance = 2.546907

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PYRD_PLAF7 F1 448076 CI	CYB2_YEAST Fu: 444243 FA 1KBI	1TV5	1SZG	0.76	Sc=6.21027, min distance = 2.203178
PYRD_PLAF7 F1 72 protoc	PYRDA_LACLC F1 967 Oroti 1JQX	1TV5	2BSL		Sc=5.8504, min distance = 2.1965529
PYRD_PLAF7 F1 7424 alph	PYRDA_LACLC F1 967 Oroti 1JQX	1TV5	2BX7		Sc=5.83816, min distance = 2.393906
PYRD_RAT Ful: 446995 FM	CYB2_YEAST Fu: 444243 FA 1KBI	1UUM	1LTD	0.77	Sc=6.19047, min distance = 2.245453
PYRD_RAT Ful: 448076 CI	CYB2_YEAST Fu: 444243 FA 1KBI	1UUM	1SZG	0.76	Sc=6.19963, min distance = 2.219233
PYRE_SALTY F1 160617 Or	PYRE_YEAST Fu: 7339 PRPF 2PS1	1LH0	2PRZ		Sc=6.44264, min distance = 2.529030
PYRE_SALTY F1 7424 alph	PYRDA_LACLC F1 967 Oroti 1JQX	1LH0	2BX7		Sc=5.82056, min distance = 2.156008
PYRE_SALTY F1 8582 Inos	Q4DRC4_TRYCR 1 7339 PRPF 1I0L	1LH0	1P19		Sc=6.40716, min distance = 1.366023
PYRE_YEAST F1 445132 1x	PYR5_HUMAN Fu: 160617 Or 2QCL	2PRZ	3BGG		Sc=5.86996, min distance = 1.935876
PYRE_YEAST F1 445132 1x	PYRF_METTH Fu: 160617 Or 1KM6	2PRZ	1X1Z		Sc=5.87627, min distance = 1.935954
PYRE_YEAST F1 72 protoc	PYRDA_LACLC F1 967 Oroti 1JQX	2PS1	2BSL		Sc=5.8551, min distance = 2.0981768
PYRE_YEAST F1 7424 alph	PYRDA_LACLC F1 967 Oroti 1JQX	2PS1	2BX7		Sc=5.81357, min distance = 2.106123
PYRF_BACSU F1 150856 5-	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	2QCF	0.94	Sc=6.24529, min distance = 2.543218
PYRF_BACSU F1 150959 11	A5KE56_PLAVI 1 6030 Urid 2FFC	1DBT	2GUU	0.77	Sc=6.20823, min distance = 2.513188
PYRF_BACSU F1 150973 5-	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	2QCG	0.91	Sc=6.25303, min distance = 2.271987
PYRF_BACSU F1 160617 Or	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	2QCL	0.86	Sc=6.38455, min distance = 2.274799
PYRF_BACSU F1 17749721	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	2QCM	0.88	Sc=6.3106, min distance = 2.5124400
PYRF_BACSU F1 445132 1x	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	3BGG	0.81	Sc=6.26683, min distance = 2.404773
PYRF_BACSU F1 449489 Id	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	2QCH	0.9	Sc=6.21355, min distance = 2.154514
PYRF_BACSU F1 6029 urid	GLMU_HAEIN Fu: 6030 Urid 2V0J	1DBT	2V0L	0.92	Sc=6.0225, min distance = 2.0680843
PYRF_BACSU F1 65063 dUM	PYR5_HUMAN Fu: 6030 Urid 2V30	1DBT	2QCH	0.97	Sc=6.19531, min distance = 2.012334
PYRF_ECOLI F1 150856 5-	PYR5_HUMAN Fu: 445132 1x 3BGG	1EIX	2QCF	0.81	Sc=6.24174, min distance = 2.514168
PYRF_ECOLI F1 150973 5-	PYR5_HUMAN Fu: 445132 1x 3BGG	1EIX	2QCG	0.78	Sc=6.32623, min distance = 1.159628
PYRF_ECOLI F1 160617 Or	PYR5_HUMAN Fu: 445132 1x 3BGG	1EIX	2QCL		Sc=6.42454, min distance = 1.375700
PYRF_ECOLI F1 17749721	PYR5_HUMAN Fu: 445132 1x 3BGG	1EIX	2QCM	0.78	Sc=6.30589, min distance = 2.171018
PYRF_ECOLI F1 6030 Urid	PYR5_HUMAN Fu: 445132 1x 3BGG	1EIX	2V30	0.81	Sc=6.29542, min distance = 1.515153
PYRF_ECOLI F1 65063 dUM	PYR5_HUMAN Fu: 445132 1x 3BGG	1EIX	2QCH	0.78	Sc=6.26898, min distance = 1.231663
PYRF_GEOKA F1 445132 1x	PYRF_METTH Fu: 6131 cyti 1LP6	2YYU	1X1Z		Sc=6.3385, min distance = 1.3595069
PYRF_METTH F1 150856 5-	PYR5_HUMAN Fu: 445132 1x 3BGG	1X1Z	2QCF	0.81	Sc=6.22683, min distance = 2.245397
PYRF_METTH F1 150973 5-	PYR5_HUMAN Fu: 160617 Or 2QCL	1KM6	2QCG	0.8	Sc=6.19818, min distance = 1.978402
PYRF_METTH F1 150973 5-	PYR5_HUMAN Fu: 445132 1x 3BGG	1X1Z	2QCG	0.78	Sc=6.28244, min distance = 2.112457
PYRF_METTH F1 17749721	PYR5_HUMAN Fu: 160617 Or 2QCL	1KM6	2QCM	0.93	Sc=6.25006, min distance = 2.182678
PYRF_METTH F1 17749721	PYR5_HUMAN Fu: 445132 1x 3BGG	1X1Z	2QCM	0.78	Sc=6.29108, min distance = 2.281298
PYRF_METTH F1 449489 Id	PYR5_HUMAN Fu: 160617 Or 2QCL	1KM6	2QCH	0.79	Sc=6.15429, min distance = 2.149894
PYRF_METTH F1 449489 Id	PYR5_HUMAN Fu: 445132 1x 3BGG	1X1Z	2QCH	0.77	Sc=6.2325, min distance = 1.9574399
PYRF_METTH F1 65063 dUM	PYR5_HUMAN Fu: 160617 Or 2QCL	1KM6	2QCH	0.83	Sc=6.1468, min distance = 2.2941113
PYRF_METTH F1 65063 dUM	PYR5_HUMAN Fu: 445132 1x 3BGG	1X1Z	2QCH	0.78	Sc=5.839, min distance = 2.42185094

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PYRF_PYRHO	F1	150856	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2CZE	2QCF	0.94	Sc=6.25402, min distance = 2.595485
PYRF_PYRHO	F1	150959	11	A5KE56_PLAVI	l	6030	Urid	2FFC	2CZE	2GUU	0.77	Sc=5.85011, min distance = 2.595859
PYRF_PYRHO	F1	150973	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2CZE	2QCG	0.91	Sc=6.3377, min distance = 0.7960709
PYRF_PYRHO	F1	160617	Or	PYR5_HUMAN	Fu:	6030	Urid	2V30	2CZE	2QCL	0.86	Sc=6.04049, min distance = 2.539595
PYRF_PYRHO	F1	17749721		PYR5_HUMAN	Fu:	6030	Urid	2V30	2CZE	2QCM	0.88	Sc=5.96997, min distance = 2.613267
PYRF_PYRHO	F1	3713	Indo	TRPA_THET2	Fu:	311	citri	1UJP	2CZ5	1WXJ		Sc=6.01085, min distance = 2.190526
PYRF_PYRHO	F1	39981	Spa	PYRB_ECOLI	Fu:	311	citri	1R0B	2CZ5	1EKX		Sc=6.08301, min distance = 0.601714
PYRF_PYRHO	F1	439459	Hc	NIFD_KLEPN	Fu:	311	citri	1H1L	2CZ5	1QGU	0.92	Sc=5.90081, min distance = 2.230285
PYRF_PYRHO	F1	444212	tr	ACON_BOVIN	Fu:	311	citri	1C96	2CZ5	1ACO		Sc=5.753, min distance = 2.26558116
PYRF_PYRHO	F1	445132	1x	PYR5_HUMAN	Fu:	6030	Urid	2V30	2CZE	3BGG	0.81	Sc=6.27435, min distance = 2.296780
PYRF_PYRHO	F1	445607	AT	ACON_BOVIN	Fu:	311	citri	1C96	2CZ5	1FGH		Sc=5.82301, min distance = 2.103165
PYRF_PYRHO	F1	445905	1g	AROQ_HELPY	Fu:	311	citri	2C4V	2CZ5	2C57		Sc=5.82175, min distance = 1.025344
PYRF_PYRHO	F1	51	2-Oxof	SERA_ECOLI	Fu:	311	citri	2P9E	2CZ5	1YBA	0.76	Sc=5.61496, min distance = 1.946065
PYRF_PYRHO	F1	6031	Urid	PYRH_ECOLI	Fu:	6030	Urid	2BNE	2CZE	2BND	0.99	Sc=6.35095, min distance = 2.048980
PYRF_PYRHO	F1	6102777	2	AROQ_HELPY	Fu:	311	citri	2C4V	2CZ5	2C4W		Sc=6.19496, min distance = 2.110475
PYRF_PYRHO	F1	65063	dUM	PYR5_HUMAN	Fu:	6030	Urid	2V30	2CZE	2QCH	0.97	Sc=5.86248, min distance = 2.380922
PYRF_PYRHO	F1	8200	TETE	PPNK1_LISMO	F1	311	citri	2I29	2CZ5	2I2C		Sc=5.6162, min distance = 2.1349735
PYRF_YEAST	F1	150856	5-	PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2QCF	0.81	Sc=6.25303, min distance = 2.559994
PYRF_YEAST	F1	150973	5-	PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2QCG	0.78	Sc=6.29956, min distance = 1.105555
PYRF_YEAST	F1	160617	Or	PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2QCL		Sc=6.41806, min distance = 1.306954
PYRF_YEAST	F1	17749721		PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2QCM	0.78	Sc=6.31685, min distance = 2.409888
PYRF_YEAST	F1	449489	Id	PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2QCH	0.77	Sc=6.24547, min distance = 1.417525
PYRF_YEAST	F1	6030	Urid	PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2V30	0.81	Sc=6.28662, min distance = 1.555315
PYRF_YEAST	F1	65063	dUM	PYR5_HUMAN	Fu:	445132	1x	3BGG	1DQX	2QCH	0.78	Sc=6.23357, min distance = 1.294795
PYRG_ECOLI	F1	447821	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2AD5	1PF8		Sc=6.06861, min distance = 2.379857
PYRG_ECOLI	F1	5957	Ader	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2AD5	1A82	0.99	Sc=5.98423, min distance = 2.291528
PYRG_ECOLI	F1	5957	Ader	KTHY_HUMAN	Fu:	6022	Aden	1NN3	2AD5	1E2Q	0.99	Sc=5.96741, min distance = 2.213304
PYRG_ECOLI	F1	91532	AME	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2AD5	1DAG	0.99	Sc=5.99892, min distance = 2.794104
PYRH_ECOLI	F1	150959	11	A5KE56_PLAVI	l	6030	Urid	2FFC	2BNE	2GUU	0.77	Sc=6.30037, min distance = 2.245867
PYRH_ECOLI	F1	17749721		PYR5_HUMAN	Fu:	6030	Urid	2V30	2BNE	2QCM	0.88	Sc=6.40362, min distance = 2.099716
PYRH_ECOLI	F1	449489	Id	PYR5_HUMAN	Fu:	6030	Urid	2V30	2BNE	2QCH	0.9	Sc=6.30386, min distance = 1.879875
PYRH_ECOLI	F1	6029	urid	GLMU_HAEIN	Fu:	6030	Urid	2V0J	2BNE	2V0L	0.92	Sc=6.16096, min distance = 2.148804
PYRH_ECOLI	F1	65063	dUM	PYR5_HUMAN	Fu:	6030	Urid	2V30	2BNE	2QCH	0.97	Sc=6.28376, min distance = 1.978662
PYRH_PYRFU	F1	150959	11	A5KE56_PLAVI	l	6030	Urid	2FFC	2BMU	2GUU	0.77	Sc=6.29315, min distance = 2.225827
PYRH_PYRFU	F1	150973	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2BMU	2QCG	0.91	Sc=6.33968, min distance = 2.057785
PYRH_PYRFU	F1	188966	dA	HSLU_ECOLI	Fu:	33113	gar	1E94	2BMU	1G4A	0.97	Sc=6.4092, min distance = 1.8227970
PYRH_PYRFU	F1	449489	Id	PYR5_HUMAN	Fu:	6030	Urid	2V30	2BMU	2QCH	0.9	Sc=6.3031, min distance = 1.8895674

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PYRH_PYRFU	F1	6029	urid	GLMU_HAEIN	Fu:	6030	Urid	2V0J	2BMU	2V0L	0.92	Sc=6.16429, min distance = 1.882116
PYRH_PYRFU	F1	6031	Urid	O87988_BORBR	l	6030	Urid	2PZL	2BMU	2PZM	0.99	Sc=6.39838, min distance = 1.816262
PYRH_PYRFU	F1	6031	Urid	PYRH_ECOLI	Fu:	6030	Urid	2BNE	2BMU	2BND	0.99	Sc=6.40184, min distance = 2.499767
PYRH_PYRFU	F1	60961	ade	SKY1_YEAST	Fu:	33113	gar	1Q99	2BMU	1Q97	0.93	Sc=6.24461, min distance = 2.253081
PYRH_PYRFU	F1	65063	dUM	PYR5_HUMAN	Fu:	6030	Urid	2V30	2BMU	2QCH	0.97	Sc=6.27772, min distance = 2.334437
PYRH_SULSO	F1	150973	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2J4J	2QCG	0.91	Sc=6.30887, min distance = 1.939858
PYRH_SULSO	F1	17749721		PYR5_HUMAN	Fu:	6030	Urid	2V30	2J4J	2QCM	0.88	Sc=6.37101, min distance = 2.052550
PYRH_SULSO	F1	18068	Udp	GAL7_ECOLI	Fu:	6030	Urid	1HXP	2J4J	1GUP	0.88	Sc=5.87658, min distance = 1.655026
PYRH_SULSO	F1	33113	gar	IGF1R_HUMAN	F1	91532	AMF	1K3A	2J4J	1JQH	0.99	Sc=5.97627, min distance = 1.490599
PYRH_SULSO	F1	33113	gar	KIF1A_MOUSE	F1	91532	AMF	1I6I	2J4J	1VFX	0.99	Sc=6.47174, min distance = 1.180680
PYRH_SULSO	F1	33113	gar	PURT_ECOLI	Fu:	91532	AMF	1KJI	2J4J	1EYZ	0.99	Sc=6.48998, min distance = 1.732306
PYRH_SULSO	F1	444564	AD	BIOD_ECOLI	Fu:	91532	AMF	1DAG	2J4J	1BS1	0.91	Sc=6.42696, min distance = 1.216270
PYRH_SULSO	F1	445132	1x	PYR5_HUMAN	Fu:	6030	Urid	2V30	2J4J	3BGG	0.81	Sc=6.32606, min distance = 2.073040
PYRH_SULSO	F1	446048	AM	PGK1_PIG	Full:	91532	AMF	1KF0	2J4J	1HDI	0.97	Sc=6.34357, min distance = 2.298016
PYRH_SULSO	F1	5957	Ader	BIOD_ECOLI	Fu:	91532	AMF	1DAG	2J4J	1A82	0.99	Sc=6.48195, min distance = 1.397469
PYRH_SULSO	F1	5957	Ader	NIFH1_AZOVI	F1	91532	AMF	2AFK	2J4J	2C8V	0.99	Sc=6.48623, min distance = 1.833459
PYRH_SULSO	F1	6022	Ader	BIOD_ECOLI	Fu:	91532	AMF	1DAG	2J4J	1DAD	0.99	Sc=6.42175, min distance = 2.236938
PYRH_SULSO	F1	6031	Urid	O87988_BORBR	l	6030	Urid	2PZL	2J4J	2PZM	0.99	Sc=5.90525, min distance = 2.168392
PYRH_SULSO	F1	65063	dUM	PYR5_HUMAN	Fu:	6030	Urid	2V30	2J4J	2QCH	0.97	Sc=6.24912, min distance = 2.217199
PYRI_ECOLI	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	7AT1	2UVY		Sc=6.14453, min distance = 2.332500
PYRI_ECOLI	F1	6132	Cyti	KPSU5_ECOLX	F1	6176	Cyti	1H7G	2FZC	1H7H	0.99	Sc=5.6442, min distance = 2.070303
PYRI_METJA	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	2YWW	2UVY		Sc=6.16054, min distance = 2.019887
PYRI_METJA	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	2YWW	1YDS		Sc=5.84248, min distance = 1.599459
PYRI_METJA	F1	6176	Cyti	PYRI_ECOLI	Fu:	5957	Aden	7AT1	2YWW	2FZC		Sc=5.65955, min distance = 1.905079
PYRR_BACCL	F1	150856	5-	PYR5_HUMAN	Fu:	6030	Urid	2V30	2IGB	2QCF	0.94	Sc=6.27197, min distance = 2.092960
PYRR_BACCL	F1	150959	11	A5KE56_PLAVI	l	6030	Urid	2FFC	2IGB	2GUU	0.77	Sc=6.2582, min distance = 2.102293
PYRR_BACCL	F1	17749721		PYR5_HUMAN	Fu:	6030	Urid	2V30	2IGB	2QCM	0.88	Sc=6.33538, min distance = 2.134212
PYRR_BACCL	F1	445132	1x	PYR5_HUMAN	Fu:	6030	Urid	2V30	2IGB	3BGG	0.81	Sc=5.83382, min distance = 2.197229
PYRR_BACCL	F1	6029	urid	GLMU_HAEIN	Fu:	6030	Urid	2V0J	2IGB	2V0L	0.92	Sc=6.12232, min distance = 2.142126
PYRR_BACCL	F1	65063	dUM	PYR5_HUMAN	Fu:	6030	Urid	2V30	2IGB	2QCH	0.97	Sc=6.25808, min distance = 2.325469
Q02SD6_PSEAB		11957385		MYG_PHYCA	Ful:	444098	HE	1A6M	1TU9	2CMM		Sc=6.18658, min distance = 2.254188
Q04230_ECOLX		11957417		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	2I40		Sc=6.20381, min distance = 2.237150
Q04230_ECOLX		1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	1H1Q		Sc=5.96812, min distance = 1.557500
Q04230_ECOLX		160355	rc	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	3DDQ		Sc=5.85174, min distance = 2.075949
Q04230_ECOLX		23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	3BHU		Sc=6.05241, min distance = 2.262901
Q04230_ECOLX		24756824		CSK2A_MAIZE	F1	36735	Gpp	1DAY	1GL6	3BE9		Sc=6.17401, min distance = 2.011292
Q04230_ECOLX		4369136	Q	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	1DM2		Sc=5.86032, min distance = 2.722956

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Q04230_ECOLX	445940	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	1GZ8		Sc=5.87388, min distance = 1.85783
Q04230_ECOLX	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	1H1R		Sc=5.96571, min distance = 1.79035
Q04230_ECOLX	611002	Op	PIM1_HUMAN	Fu:	33113	gar	1XR1	1GL7	1YXX		Sc=5.77021, min distance = 1.86912
Q04230_ECOLX	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1GKI	3EJ1		Sc=5.95319, min distance = 1.87485
Q04230_ECOLX	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	1GKI	1QYE	0.89	Sc=5.91939, min distance = 2.02851
Q04230_ECOLX	854023	Ep	Q8WSF8_APLCA	1	23831	HEP	2BR7	1GL6	2BYQ		Sc=5.73951, min distance = 2.18932
Q04230_ECOLX	8977	1dar	NDK_PYRHO	Fu:	6022	Aden	2DYA	1GKI	2DXE	0.8	Sc=6.30493, min distance = 2.19702
Q04416_9MICC	72	protoc	PCXB_PSEPU	Fu:	135	p-Hyd	3PCC	1Q4S	1YKN	0.89	Sc=5.71884, min distance = 2.32285
Q05KQ5_COMTE	127	4-hyd	PCXB_PSEPU	Fu:	7420	3-Hy	3PCB	2DKH	3PCG	0.86	Sc=5.96969, min distance = 0.61865
Q05KQ5_COMTE	16741253		LSD1_HUMAN	Fu:	444188	CI	2DW4	2DKH	2UXN	0.95	Sc=6.87737, min distance = 2.04073
Q068W2_SERMA	104904	Me	IGKC_MOUSE	Fu:	24139	ace	3BZ4	1EIB	2AJZ		Sc=5.87386, min distance = 0.76671
Q068W2_SERMA	119404	Ma	Q54276_SERMA	1	24139	ace	1UR9	1EIB	1W1Y		Sc=6.18811, min distance = 1.00551
Q068W2_SERMA	126154	Cy	Q54276_SERMA	1	24139	ace	1UR9	1EIB	1W1P		Sc=5.83482, min distance = 0.85155
Q068W2_SERMA	16058615		LYSC_CHICK	Fu:	24139	ace	1LZB	1EIB	2H9J		Sc=6.0335, min distance = 1.624900
Q068W2_SERMA	185698	al	CONA_CANEN	Fu:	24139	ace	1TEI	1EIB	1CVN		Sc=6.05074, min distance = 1.15996
Q068W2_SERMA	4369268	C	F17AG_ECOLX	Fu:	24139	ace	2BSC	1EIB	1O9V	0.88	Sc=5.94579, min distance = 2.70293
Q068W2_SERMA	439353	be	LYSC_CHICK	Fu:	24139	ace	1LZB	1EIB	1UC0		Sc=5.69574, min distance = 2.31529
Q068W2_SERMA	439680	be	LYSC_HUMAN	Fu:	24139	ace	1LZR	1EIB	1REM		Sc=5.89869, min distance = 0.97811
Q068W2_SERMA	444205	CI	DPP4_HUMAN	Fu:	24139	ace	2RGU	1EIB	3BJM	0.91	Sc=5.89269, min distance = 2.85547
Q068W2_SERMA	445595	CI	CHIA_SERMA	Fu:	24139	ace	1K9T	1EIB	1FFQ		Sc=6.01457, min distance = 2.26168
Q068W2_SERMA	449094	Cy	Q54276_SERMA	1	24139	ace	1UR9	1EIB	1W1T		Sc=6.19798, min distance = 2.11390
Q068W2_SERMA	449095	1w	Q54276_SERMA	1	24139	ace	1UR9	1EIB	1W1V		Sc=6.24607, min distance = 2.20491
Q06A48_STRPY	11957385		MYG_PHYCA	Fu:	444098	HE	1A6M	2Q7A	2CMM		Sc=6.06387, min distance = 2.23736
Q07387_SIVCZ	392622	ri	POL_HV1BR	Fu:	444196	1a	1AAQ	1SIV	1RL8		Sc=5.972, min distance = 1.0350173
Q07387_SIVCZ	448921	CI	POL_HV1BR	Fu:	444196	1a	1AAQ	1SIV	1UPJ		Sc=5.92304, min distance = 2.33426
Q09LX0_BACST	8172	Trig	LMBL1_HUMAN	Fu:	78165	MES	1OZ2	2EXH	2RI5		Sc=5.72691, min distance = 1.11567
Q0PB48_CAMJE	11957355		CY1_BOVIN	Fu:	444098	HE	1L0N	2IG3	1L0L	0.77	Sc=6.64365, min distance = 2.10242
Q0PB48_CAMJE	11957385		MYG_PHYCA	Fu:	444098	HE	1A6M	2IG3	2CMM		Sc=6.08163, min distance = 2.04043
Q0PBL7_CAMJE	11957399		PYRB_ECOLI	Fu:	311	citri	1R0B	2HXW	2H3E		Sc=6.14025, min distance = 0.88185
Q0PBL7_CAMJE	126892	1t	TPIS_TRYBB	Fu:	311	citri	2VEK	2HXW	1TSI		Sc=5.74838, min distance = 1.57920
Q0PBL7_CAMJE	439183	1i	TPIS_TRYBB	Fu:	311	citri	2VEK	2HXW	1IIH		Sc=5.70644, min distance = 1.66208
Q0PBL7_CAMJE	439276	3-	TPIS_TRYBB	Fu:	311	citri	2VEK	2HXW	6TIM		Sc=5.61353, min distance = 1.66049
Q0PBL7_CAMJE	444212	tr	ACON_BOVIN	Fu:	311	citri	1C96	2HXW	1ACO		Sc=5.91587, min distance = 2.83806
Q0PBL7_CAMJE	445496	TE	A2NHM3_MOUSE	1	311	citri	1ZEA	2HXW	1F3D		Sc=6.096, min distance = 0.5401194
Q0PBL7_CAMJE	445607	AT	ACON_BOVIN	Fu:	311	citri	1C96	2HXW	1FGH		Sc=5.98364, min distance = 2.64448
Q0PBL7_CAMJE	447376	2-	ACON_BOVIN	Fu:	311	citri	1C96	2HXW	1NIS		Sc=5.89614, min distance = 2.66393
Q0PBL7_CAMJE	447550	ph	TPIS_TRYBB	Fu:	311	citri	2VEK	2HXW	4TIM		Sc=5.70106, min distance = 1.87995

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Q0PBL7_CAMJE	449604 NI	ACON_BOVIN Fu: 311 citri 1C96	2HXW	8ACN		Sc=5.89885, min distance = 2.739146
Q0PBL7_CAMJE	4797 ltpw	TPIS_TRYBB Fu: 311 citri 2VEK	2HXW	1TTJ		Sc=5.60113, min distance = 2.325064
Q11S56_CYTH3	378 4-nit	PPAL_YEAST Fu: 23831 HEP 1D1P	2HX1	1D1Q		Sc=5.73102, min distance = 2.538896
Q11S56_CYTH3	445939 1c	PPTA_ECOLI Fu: 23831 HEP 1GYX	2HX1	1GYI		Sc=5.78844, min distance = 1.431590
Q11S56_CYTH3	854023 Ep	Q8WSF8_APLCA 1 23831 HEP 2BR7	2HX1	2BYQ		Sc=5.76758, min distance = 0.878619
Q17091_ASCSU	11957385	MYG_PHYCA Ful: 444098 HE 1A6M	1X3X	2CMM		Sc=6.36729, min distance = 1.956170
Q18664_CAEEL	11987635	ADH_DROLE Ful: 5893 nadi 1SBY	1VKO	1B2L	0.76	Sc=6.87614, min distance = 2.026247
Q1CU05_HELPH	5957 Ader	MYS2_DICDI Fu: 440317 AT 1MMG	1NLY	1FMW	0.99	Sc=6.46533, min distance = 0
Q1CU05_HELPH	6083 ader	SRC_CHICK Ful: 440317 AT 3DQW	1NLY	3DQX	0.97	Sc=6.3071, min distance = 1.7650237
Q1JBR0_STRPB	11987634	GLPD_ECOLI Fu: 444188 CI 2QCU	2BCP	2R4E	0.97	Sc=6.41641, min distance = 2.147862
Q1JBR0_STRPB	444502 CI	TYTR_TRYCR Fu: 444188 CI 1BZL	2BCP	1GXF	0.98	Sc=6.42418, min distance = 1.677889
Q1JBR0_STRPB	445794 AD	PHHY_PSEFL Fu: 444188 CI 1PBE	2BCP	2PHH		Sc=6.65619, min distance = 2.058991
Q1JBR0_STRPB	446013 1,	O28603_ARCFU 1 444188 CI 1JNR	2BCP	1JNZ	0.94	Sc=6.42555, min distance = 1.928016
Q1JBR0_STRPB	446013 1,	O28604_ARCFU 1 444188 CI 1JNR	2BCP	1JNZ	0.94	Sc=6.42584, min distance = 1.877168
Q1JLP2_STRPC	444502 CI	TYTR_TRYCR Fu: 444188 CI 1BZL	2BC0	1GXF	0.98	Sc=6.13778, min distance = 1.927616
Q1JLP2_STRPC	445794 AD	PHHY_PSEFL Fu: 444188 CI 1PBE	2BC0	2PHH		Sc=6.6635, min distance = 2.0565604
Q1JLP2_STRPC	446013 1,	O28603_ARCFU 1 444188 CI 1JNR	2BC0	1JNZ	0.94	Sc=6.13797, min distance = 1.991664
Q24973_GIALA	11287125	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	2BBF		Sc=6.13196, min distance = 1.981196
Q24973_GIALA	171 preQ1	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	3BLD		Sc=5.92497, min distance = 0.882912
Q24973_GIALA	190 adeni	RICI_RICCO Fu: 100684 9- 1IL4	1DQP	2P8N		Sc=5.60499, min distance = 2.907447
Q24973_GIALA	242831 2-	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	1S39		Sc=5.89095, min distance = 2.289761
Q24973_GIALA	24741806	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	2Z7K		Sc=6.1976, min distance = 1.8386319
Q24973_GIALA	445390 CI	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	1ENU		Sc=6.0111, min distance = 1.8693609
Q24973_GIALA	445497 CI	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	1F3E		Sc=6.03462, min distance = 1.527411
Q24973_GIALA	447262 CI	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	2Z1W		Sc=6.08083, min distance = 1.812388
Q24973_GIALA	448010 1c	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	1R5Y		Sc=6.002, min distance = 1.85493881
Q24973_GIALA	448488 1s	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	1S38		Sc=5.93635, min distance = 2.474246
Q24973_GIALA	6804 guar	HPRT_HUMAN Fu: 444699 1b 1BZY	1DQN	1HMP		Sc=6.00568, min distance = 1.964544
Q24973_GIALA	764 guani	TGT_ZYMMO Ful: 100684 9- 1Q2R	1DQP	2PWU		Sc=5.7284, min distance = 2.5936942
Q24973_GIALA	96253 7-I	RICI_RICCO Fu: 100684 9- 1IL4	1DQP	1IL3		Sc=5.80142, min distance = 2.546690
Q25BW5_PHACH	445257 1i	MYRA_SINAL Fu: 7027 gluc 1E6X	2E40	1E70		Sc=5.71012, min distance = 2.156366
Q25BW5_PHACH	447413 NT	MYRA_SINAL Fu: 7027 gluc 1E6X	2E40	1E6Q		Sc=6.00403, min distance = 2.192236
Q26000_PLAFA	446248 CI	RAN_HUMAN Ful: 8977 1dar 3CH5	1D5C	1IBR		Sc=6.54904, min distance = 2.024561
Q26000_PLAFA	6804 guar	EF1A_YEAST Fu: 8977 1dar 2B7B	1D5C	1G7C	0.99	Sc=6.42792, min distance = 2.629887
Q26966_TRYCR	123619 Et	TRFL_BOVIN Fu: 84571 lac 2H4I	1MS0	3CFL		Sc=5.90912, min distance = 2.598497
Q26966_TRYCR	439353 be	LECG_ARAHY Fu: 6134 lact 2PEL	1MS9	1V6I	0.87	Sc=5.6153, min distance = 2.0192406
Q26966_TRYCR	439353 be	LECG_ARAHY Fu: 84571 lac 2PEL	1MS0	1V6I	0.87	Sc=5.63826, min distance = 2.399035

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Q26966_TRYCR	439353	be	LEG1_HUMAN	Fu	6134	lact	1W60	1MS9	1GZW	0.87	Sc=5.62042, min distance = 1.71570
Q26966_TRYCR	439353	be	LEG2_CONMY	Fu	6134	lact	1IS3	1MS9	1WLD	0.87	Sc=5.62287, min distance = 2.12062
Q27198_TETTH	164795	N	RBCMT_PEA	Fu	23831	HEF	1MLV	1QST	2H2J		Sc=5.69139, min distance = 2.12264
Q27198_TETTH	449233	CI	O53831_MYCTU	I	87642	coe	1POH	1QSN	2C27		Sc=5.93239, min distance = 2.27225
Q27198_TETTH	82313	1rd	LYSC_CHICK	Fu	23831	HEF	2HUB	1QST	1LSZ		Sc=5.886, min distance = 2.4102817
Q27679_LEIDO	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1QB8	1GFZ		Sc=5.79875, min distance = 2.29007
Q27679_LEIDO	6102712	C	PYRB_ECOLI	Fu	311	citri	1R0B	1QB7	2AIR		Sc=5.77572, min distance = 1.21833
Q27679_LEIDO	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1QB8	1YXX		Sc=6.10454, min distance = 1.20751
Q27679_LEIDO	656964	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	1QB8	1Y2C		Sc=5.90171, min distance = 2.58238
Q27679_LEIDO	656966	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	1QB8	1Y2E		Sc=6.01978, min distance = 2.43462
Q27679_LEIDO	656968	1y	PDE4B_HUMAN	Fu	6083	aden	1ROR	1QB8	1Y2H		Sc=5.92628, min distance = 2.03890
Q27679_LEIDO	6804	guar	PDE10_HUMAN	Fu	6083	aden	2OUN	1QB8	2OUQ	0.8	Sc=6.38867, min distance = 0
Q27679_LEIDO	6804	guar	PUR1_ECOLI	Fu	6083	aden	1ECJ	1QB8	1ECB	0.8	Sc=6.36004, min distance = 2.06153
Q27679_LEIDO	6961	PYRC	FUMC_ECOLI	Fu	311	citri	1FUO	1QB7	1FUP		Sc=5.68112, min distance = 2.61484
Q27679_LEIDO	8582	Inos	PURA1_MOUSE	Fu	6083	aden	1MF0	1QB8	1IWE	0.79	Sc=5.99424, min distance = 2.25971
Q27679_LEIDO	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	1QB8	2QN7	0.79	Sc=6.00721, min distance = 2.10722
Q28KC0_JANSC	8158	Pela	ALBU_HUMAN	Fu	311	citri	1TF0	3BB5	1E7E		Sc=5.80318, min distance = 1.17300
Q28VU1_JANSC	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	2OU5	1HE5	0.82	Sc=6.13555, min distance = 2.56758
Q28VU1_JANSC	5326566	1	Q9WZ1_THEME	I	444243	FA	1T6Y	2OU5	1S4M	0.82	Sc=6.17894, min distance = 1.97312
Q29U70_MEDTR	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1ZGJ	1Z3C	0.91	Sc=6.18328, min distance = 2.18711
Q29U70_MEDTR	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1ZGJ	1JQE	0.95	Sc=6.45849, min distance = 2.10316
Q29U70_MEDTR	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1ZGJ	1JG2	0.84	Sc=6.24461, min distance = 2.69358
Q29U70_MEDTR	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	1ZGJ	1QAQ	0.88	Sc=6.53751, min distance = 2.11892
Q29U70_MEDTR	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1ZGJ	1NW6	0.88	Sc=6.50081, min distance = 2.18800
Q2PS28_9PSED	11957435		BGLA_THEME	Fu	54445	cas	2CBU	2PWG	2J7H		Sc=5.71663, min distance = 2.41333
Q2PS28_9PSED	124434	Ca	BGLA_THEME	Fu	54445	cas	2CBU	2PWG	2CBV	0.79	Sc=5.92497, min distance = 2.30888
Q2PS28_9PSED	445238	O1	GUN2_THEFU	Fu	64689	bet	2BOF	2PWF	2BOG	0.94	Sc=5.90669, min distance = 1.82611
Q2PS28_9PSED	445248	nc	BGLA_THEME	Fu	54445	cas	2CBU	2PWG	2J78		Sc=6.01157, min distance = 2.07787
Q2PS28_9PSED	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2PWF	1UOZ	0.77	Sc=5.70271, min distance = 2.33920
Q2PS28_9PSED	447607	1c	BGLA_THEME	Fu	54445	cas	2CBU	2PWG	1OIF		Sc=5.72788, min distance = 2.40318
Q2PS28_9PSED	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2PWF	1UP2		Sc=5.77268, min distance = 2.41777
Q2PS28_9PSED	447651	CI	BGLA_THEME	Fu	54445	cas	2CBU	2PWG	2J77		Sc=5.85029, min distance = 2.37905
Q2PS28_9PSED	448963	2j	BGLA_THEME	Fu	54445	cas	2CBU	2PWG	2J79		Sc=5.99439, min distance = 2.20971
Q2PS28_9PSED	449101	nc	BGLA_THEME	Fu	54445	cas	2CBU	2PWG	1W3J		Sc=5.64101, min distance = 2.49668
Q2PS28_9PSED	6027	xylc	Q8XXK6_RALSO	I	64689	bet	2BS5	2PWF	2BS6	0.93	Sc=5.72828, min distance = 0.93889
Q309D1_9AGAR	152217	2,	DYR_CANAL	Fu	78165	MES	1M79	2BWR	1M78		Sc=5.82902, min distance = 1.64785
Q309D1_9AGAR	1881	GW34	DYR_CANAL	Fu	78165	MES	1M79	2BWR	1AOE		Sc=6.03058, min distance = 1.94652

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Q309D1_9AGAR	439353	be	LEG2_CONMY	Fu	78165	MES	1IS3	2BWR	1WLD		Sc=5.66077, min distance = 2.079294
Q309D1_9AGAR	447099	CI	DYR_CANAL	Fu	78165	MES	1M79	2BWR	1M7A		Sc=6.07509, min distance = 1.825780
Q309D1_9AGAR	656981	CU	LYSC_CHICK	Fu	24139	ace	1LZB	2C4D	1YIL		Sc=5.91746, min distance = 2.342901
Q309D1_9AGAR	8761	Bici	MLTB_ECOLI	Fu	24139	ace	1QUT	2C4D	1QUS		Sc=5.73406, min distance = 1.963706
Q31163_MOUSE	441481	ri	TRFL_BOVIN	Fu	444205	CI	2G93	1FNE	2PX1		Sc=5.75827, min distance = 0.833084
Q381M1_9TRYF	10126464		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2OH0		Sc=6.44661, min distance = 2.046521
Q381M1_9TRYF	10172943		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2JDS		Sc=6.46413, min distance = 2.034220
Q381M1_9TRYF	11175137		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2UW7		Sc=6.17421, min distance = 2.257141
Q381M1_9TRYF	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2UVY		Sc=6.17797, min distance = 2.362825
Q381M1_9TRYF	11696113		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2VO3		Sc=6.23091, min distance = 2.468054
Q381M1_9TRYF	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2VNW		Sc=6.10614, min distance = 2.163104
Q381M1_9TRYF	150856	5-	PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	2QCF	0.94	Sc=5.82546, min distance = 2.491838
Q381M1_9TRYF	150959	11	A5KE56_PLAVI	I	6030	Urid	2FFC	2Q0F	2GUU	0.77	Sc=5.66328, min distance = 2.460885
Q381M1_9TRYF	150973	5-	PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	2QCG	0.91	Sc=5.83687, min distance = 2.290722
Q381M1_9TRYF	160617	Or	PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	2QCL	0.86	Sc=6.30234, min distance = 2.397337
Q381M1_9TRYF	16122633		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2UW0		Sc=6.41837, min distance = 2.417934
Q381M1_9TRYF	16741197		DUT_ECOLI	Fu	65070	dUT	1SYL	2NOM	2HRM	0.98	Sc=5.87454, min distance = 2.080681
Q381M1_9TRYF	17749721		PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	2QCM	0.88	Sc=6.23181, min distance = 2.482196
Q381M1_9TRYF	17751819		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2VO6		Sc=6.23651, min distance = 2.141324
Q381M1_9TRYF	24762195		KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	2VO0		Sc=6.23388, min distance = 2.052604
Q381M1_9TRYF	3540	lyds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2Q0D	1YDS		Sc=5.78319, min distance = 2.079798
Q381M1_9TRYF	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	2Q0D	1W9I	0.91	Sc=6.33916, min distance = 0
Q381M1_9TRYF	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	2Q0D	1COW	0.91	Sc=6.46386, min distance = 1.826041
Q381M1_9TRYF	445132	1x	PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	3BGG	0.81	Sc=6.19607, min distance = 2.495631
Q381M1_9TRYF	449108	CI	FTSZ1_METJA	Fu	6830	guan	1W5B	2Q0E	1W58	0.99	Sc=6.02831, min distance = 2.047754
Q381M1_9TRYF	449489	Id	PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	2QCH	0.9	Sc=6.13763, min distance = 2.235721
Q381M1_9TRYF	6022	Ader	ARSA1_ECOLX	Fu	5957	Aden	1II0	2Q0D	1IHU	0.99	Sc=6.36205, min distance = 2.003395
Q381M1_9TRYF	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	2Q0D	2ZDH	0.99	Sc=6.32314, min distance = 2.533059
Q381M1_9TRYF	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	2Q0D	1MP8	0.99	Sc=6.32314, min distance = 2.755056
Q381M1_9TRYF	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2Q0D	1OH7	0.99	Sc=6.38, min distance = 1.540890651
Q381M1_9TRYF	6022	Ader	PDK2_HUMAN	Fu	5957	Aden	2BU2	2Q0D	2BU8	0.99	Sc=5.89525, min distance = 2.701989
Q381M1_9TRYF	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	2Q0D	3ETJ	0.99	Sc=6.39232, min distance = 2.126560
Q381M1_9TRYF	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	2Q0D	3C4Z	0.99	Sc=6.3416, min distance = 2.1582386
Q381M1_9TRYF	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2Q0D	2J9D	0.99	Sc=6.40759, min distance = 2.240228
Q381M1_9TRYF	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2Q0D	2V8Q	0.98	Sc=6.28824, min distance = 2.421149
Q381M1_9TRYF	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	2Q0D	2R7M	0.98	Sc=6.27911, min distance = 2.756524
Q381M1_9TRYF	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	2Q0D	2R85	0.98	Sc=6.26791, min distance = 2.525011

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Q381M1_9TRYP	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2Q0D	2J9D	0.98	Sc=6.3137, min distance = 2.233593
Q381M1_9TRYP	6131	cyti	KPSU5_ECOLX	Fu	6176	Cyti	1H7G	2Q0C	1H7F	0.98	Sc=6.23161, min distance = 2.165369
Q381M1_9TRYP	6132	Cyti	KPSU5_ECOLX	Fu	6176	Cyti	1H7G	2Q0C	1H7H	0.99	Sc=5.85994, min distance = 1.792529
Q381M1_9TRYP	65063	dUM	PYR5_HUMAN	Fu	6030	Urid	2V30	2Q0F	2QCH	0.97	Sc=6.08359, min distance = 2.281921
Q381M1_9TRYP	65103	dGT	Y938_MYCTU	Fu	6830	guan	2IRX	2Q0E	2IRY	0.98	Sc=6.38432, min distance = 2.369818
Q381M1_9TRYP	91532	AMF	Q5SJV7_THET8	I	5957	Aden	2Z08	2Q0D	2Z09	0.99	Sc=6.00445, min distance = 2.035442
Q38420_BPP1	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	1ZX4	1H0J		Sc=5.68511, min distance = 1.406827
Q38784_ALLSA	24139	ace	MBL2_RAT	Full	185698	al	1RDL	1BWU	1KZD		Sc=5.76797, min distance = 2.568972
Q3HTL7_STRAT	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	2IYA	2PZL	0.99	Sc=6.31736, min distance = 2.016174
Q3HTL7_STRAT	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2IYA	2BNE	0.99	Sc=6.31956, min distance = 1.874542
Q3HTL7_STRAT	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	2IYA	2PO2	0.83	Sc=6.38469, min distance = 2.043117
Q3HTL7_STRAT	8629	UDP	GSTA_BPT4	Full	6031	Urid	1XV5	2IYA	1Y6F	0.89	Sc=6.33006, min distance = 2.180950
Q3J677_RHOS4	5326566	I	BLVRB_HUMAN	Fu	444243	FA	1HE4	2IYG	1HE5	0.82	Sc=6.30792, min distance = 2.405424
Q3XZW8_ENTFC	439183	I	TPIS_TRYBB	Fu	311	citri	2VEK	2JFV	1IIH		Sc=5.6666, min distance = 1.884787
Q3XZW8_ENTFC	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	2JFV	1ACO		Sc=5.83287, min distance = 2.051891
Q3XZW8_ENTFC	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	2JFV	1FGH		Sc=5.87513, min distance = 2.198328
Q3XZW8_ENTFC	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	2JFV	4TIM		Sc=5.64399, min distance = 2.022971
Q3XZW8_ENTFC	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	2JFV	8ACN		Sc=5.76165, min distance = 2.123668
Q3XZW8_ENTFC	6102712	C	PYRB_ECOLI	Fu	311	citri	1R0B	2JFV	2AIR		Sc=5.67626, min distance = 1.245827
Q3XZW8_ENTFC	6961	PYR	FUMC_ECOLI	Fu	311	citri	1FUO	2JFV	1FUP		Sc=5.89291, min distance = 1.740508
Q3ZDR0_STEMA	16740985		FRDA_SHEFR	Fu	444188	CI	1M64	2GAG	1E39	0.93	Sc=6.45735, min distance = 2.234658
Q3ZDR0_STEMA	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	2GAG	1QJD	0.98	Sc=6.4583, min distance = 2.151811
Q3ZDR0_STEMA	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2GAG	1GXF	0.98	Sc=6.8978, min distance = 2.067892
Q3ZDR0_STEMA	446013	I	O28604_ARCFU	I	444188	CI	1JNR	2GAG	1JNZ	0.94	Sc=6.89716, min distance = 2.006141
Q40069_HORVU	11957353		HBA_HORSE	Full	444124	HE	1Y8I	1BGP	1IWH	0.87	Sc=6.76456, min distance = 2.245762
Q40069_HORVU	11957353		HBB_HORSE	Full	444124	HE	1Y8I	1BGP	1IWH	0.87	Sc=6.77079, min distance = 1.943388
Q40069_HORVU	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1BGP	1TWN		Sc=6.52769, min distance = 1.745134
Q40069_HORVU	11957373		CATE_ECOLI	Fu	444124	HE	1IPH	1BGP	1P81	0.79	Sc=6.7724, min distance = 1.960881
Q40069_HORVU	444207	He	COX1_THET8	Fu	444124	HE	1EHK	1BGP	2QPE	0.99	Sc=6.80337, min distance = 2.189467
Q40069_HORVU	444522	HE	Q83WG3_9ACTO	I	444124	HE	2Z3U	1BGP	2Z3T	0.99	Sc=6.80791, min distance = 2.089054
Q40309_MEDSA	440141	9i	IDH_ECOLI	Full	5886	NADP	1AI2	1ZGD	1BL5		Sc=6.39955, min distance = 2.019578
Q40423_9ASPA	82313	1rc	Q9HYN5_PSEAE	I	185698	al	1OVS	1NPL	1W8H		Sc=6.11052, min distance = 1.830552
Q41290_SORBI	29435	1-D	Q2PS28_9PSED	I	64689	bet	2PWF	1V03	2PWD		Sc=5.86412, min distance = 2.013069
Q41290_SORBI	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	1V03	1UP2		Sc=5.77268, min distance = 2.492281
Q41290_SORBI	6027	xyld	O93715_SULSO	I	64689	bet	2CDB	1V03	2CDC	0.93	Sc=5.65485, min distance = 2.014945
Q43758_SOYBN	11957353		HBA_HORSE	Full	444522	HE	1Y8K	2GHK	1IWH	0.87	Sc=6.72218, min distance = 2.185094
Q43758_SOYBN	11957360		CYB_BOVIN	Full	444522	HE	1BGY	2GHK	1NTM	0.78	Sc=6.80562, min distance = 2.126724

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Q43758_SOYBN	11957361	CYB_BOVIN	Ful	444522	HE	1BGY	2GHK	1NTZ	0.84	Sc=6.77274, min distance = 2.013002
Q43758_SOYBN	11957363	HBB_HUMAN	Ful	444098	HE	1J40	2GHC	1RQA	0.77	Sc=6.74445, min distance = 2.023561
Q43758_SOYBN	11957385	MYG_PHYCA	Ful	444098	HE	1A6M	2GHC	2CMM		Sc=6.02705, min distance = 2.287227
Q43758_SOYBN	11957385	MYG_PHYCA	Ful	444522	HE	1VXD	2GHK	2CMM		Sc=6.22497, min distance = 2.248908
Q43758_SOYBN	126994	CCPR_YEAST	Fu	444098	HE	2EUT	2GHC	1Z53	40.15	0.77 Sc=6.70102, min distance = 2.593223
Q43758_SOYBN	126994	CCPR_YEAST	Fu	444522	HE	3E20	2GHK	1Z53	40.15	0.81 Sc=6.72175, min distance = 2.683446
Q43758_SOYBN	15342951	ALBU_HUMAN	Fu	444098	HE	1N5U	2GHC	3B9L		Sc=6.17038, min distance = 2.125470
Q43758_SOYBN	444044	CCPR_YEAST	Fu	444522	HE	3E20	2GHK	1DSE	40.15	0.99 Sc=6.72253, min distance = 2.516670
Q43758_SOYBN	444207	CCPR_YEAST	Fu	444522	HE	3E20	2GHK	2CCP	40.15	1 Sc=6.72857, min distance = 2.014137
Q43758_SOYBN	446332	MYG_PHYCA	Ful	444522	HE	1VXD	2GHK	1IOP	0.79	Sc=6.63794, min distance = 2.331040
Q44048_ARTGO	999	PAC_ECOLX	Ful	547	Dopac	1AI4	1F1V	1FXH		Sc=5.70244, min distance = 2.148151
Q44244_9PSEU	5287432	MENC_ECOLI	Fu	955	2-Suc	1FHV	1SJB	1R6W		Sc=6.29056, min distance = 1.982958
Q44467_9LACT	16741044	PYRDA_LACLC	Fu	444243	FA	1JUB	2NLI	1JRB		Sc=6.21027, min distance = 2.574544
Q44467_9LACT	446995	CYB2_YEAST	Fu	444243	FA	1KBI	2NLI	1LTD	0.77	Sc=6.21217, min distance = 2.478011
Q44467_9LACT	448076	CYB2_YEAST	Fu	444243	FA	1KBI	2NLI	1SZG	0.76	Sc=6.21433, min distance = 2.325196
Q46Y90_RALEJ	1800	5-ary	TRY1_BOVIN	Fu	8172	Trig	2G81	2PRR		1C2K Sc=5.61756, min distance = 2.819846
Q46Y90_RALEJ	5287519	1	TRY1_BOVIN	Fu	8172	Trig	2G81	2PRR		1TX7 Sc=5.6474, min distance = 2.474637
Q46Y90_RALEJ	5496535	2	TRY1_BOVIN	Fu	8172	Trig	2G81	2PRR		1G3B Sc=5.88632, min distance = 2.407178
Q47450_ECOLX	101798	Me	LECA_ARTIN	Fu	440552	1b	1UH1	1J8R		1WS5 Sc=5.73529, min distance = 2.024782
Q47450_ECOLX	64947	alg	LECA_ARTIN	Fu	440552	1b	1UH1	1J8R		1WS4 Sc=5.7139, min distance = 1.976329
Q47450_ECOLX	84265	1ax	CGL2_COPCI	Fu	439357	ga	1ULE	1J8R		1ULF Sc=5.90663, min distance = 2.151817
Q47644_ECOLX	84265	1ax	CGL2_COPCI	Fu	439357	ga	1ULE	2BOS		1ULF Sc=5.97377, min distance = 1.680888
Q47785_ENTFC	12793	Phe	SRC_HUMAN	Ful	311	citri	1O4L	2BL8		1O4O Sc=5.67897, min distance = 1.146010
Q47785_ENTFC	3893	lau	CO8G_HUMAN	Fu	311	citri	1LF7	2BL8		2OVD Sc=5.6908, min distance = 2.508436
Q47785_ENTFC	446127	3-	RENI_HUMAN	Fu	311	citri	2IL2	2BL8		1HRN Sc=5.66434, min distance = 2.431671
Q47785_ENTFC	447536	1c	SRC_HUMAN	Ful	311	citri	1O4L	2BL8		1O4Q Sc=5.7235, min distance = 0.809535
Q4AE26_9RHIZ	11987682		DHM1_METME	Fu	5326460	F	2AD8	2D0V		2AD6 0.83 Sc=6.56796, min distance = 2.173670
Q4CT43_TRYCR	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1BZL		1BWC 0.98 Sc=6.86491, min distance = 2.511785
Q4CT43_TRYCR	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1BZL		3GRT 0.98 Sc=6.8696, min distance = 2.354156
Q4D3W2_TRYCR	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	2DJL		1JRB Sc=6.17412, min distance = 2.646571
Q4D3W2_TRYCR	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	2DJL		1SZG 0.76 Sc=6.18434, min distance = 2.000374
Q4DRC4_TRYCR	445708	AM	PURA_ECOLI	Fu	8582	Inos	1CIB	1P19		1SON 0.81 Sc=5.95595, min distance = 2.083768
Q4DRC4_TRYCR	6083	ader	PURA1_MOUSE	Fu	8582	Inos	1IWE	1P19		1MF0 0.79 Sc=5.94205, min distance = 2.042870
Q4DRC4_TRYCR	6083	ader	PYGM_RABIT	Fu	8582	Inos	2QN7	1P19		8GPB 0.79 Sc=5.95818, min distance = 2.533510
Q4DRC4_TRYCR	65110	AIC	PURO_METTH	Fu	8582	Inos	2NTK	1P19		2NTL 0.97 Sc=6.17958, min distance = 2.056160
Q4DRC4_TRYCR	6804	guar	GMPR2_HUMAN	Fu	8582	Inos	2C6Q	1P19		2A7R 0.99 Sc=6.38141, min distance = 1.623579
Q4DRC4_TRYCR	6804	guar	Q5SLS3_THET8	Fu	8582	Inos	2YWU	1P19		2YWT 42.6 0.99 Sc=6.36311, min distance = 2.078727

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Q4DRC4_TRYCR	73323	Xar	IMDH_TRIFO	Fu	8582	Inos	1MEH	1P19	1MEW	0.94	Sc=5.89278, min distance = 1.085029
Q4E4E1_TRYCR	24139	ace	LEG3_HUMAN	Fu	64689	bet	2NMO	2Q2R	1KJL		Sc=6.07738, min distance = 2.136537
Q4E4E1_TRYCR	445564	4	GUNG_CLOCE	Fu	64689	bet	1GA2	2Q2R	1KFG	0.88	Sc=5.81309, min distance = 0.945711
Q4E4E1_TRYCR	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2Q2R	1UOZ	0.77	Sc=5.64458, min distance = 2.508033
Q4E4E1_TRYCR	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2Q2R	1UP2		Sc=5.7048, min distance = 2.4548120
Q4E4E1_TRYCR	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q2R	1PXI		Sc=5.70247, min distance = 1.800817
Q4E4E1_TRYCR	5957	Ader	HSLU_ECOLI	Fu	6022	Aden	1HQY	2Q2R	1DO0	0.99	Sc=5.93475, min distance = 1.919127
Q4E4E1_TRYCR	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2Q2R	1W7A	0.99	Sc=5.92722, min distance = 2.010800
Q4E4E1_TRYCR	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2Q2R	2ZGY	0.8	Sc=5.63266, min distance = 2.070199
Q4PRK9_PLAVI	11987786		LDH_PLAFD	Fu	5893	nadi	1T2D	2A92	1T2E	0.77	Sc=6.75682, min distance = 2.456646
Q4PRK9_PLAVI	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	2A92	2PKR		Sc=6.36351, min distance = 1.862979
Q4PRK9_PLAVI	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2A92	1I3K	0.79	Sc=6.76564, min distance = 2.113314
Q4PRK9_PLAVI	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2A92	1DEH	0.79	Sc=6.75832, min distance = 1.851279
Q4PRK9_PLAVI	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2A92	1UDB	0.79	Sc=6.76187, min distance = 2.228442
Q4PRK9_PLAVI	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2A92	2FZE		Sc=6.61578, min distance = 1.406636
Q4PRK9_PLAVI	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	2A92	1WXI		Sc=6.32965, min distance = 2.040471
Q4PRK9_PLAVI	6102709	Z	LDH_PLAFD	Fu	5893	nadi	1T2D	2A92	2A94	0.88	Sc=6.30612, min distance = 2.521338
Q4W5X6_DESVU	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	2D5M	1HE5	0.82	Sc=6.25598, min distance = 2.216692
Q4W5X6_DESVU	5326566	1	Q9WZW1_THEMA	I	444243	FA	1T6Y	2D5M	1S4M	0.82	Sc=6.28837, min distance = 2.315793
Q50549_MYCTU	447530		SRC_HUMAN	Fu	311	citri	1O4L	1UZR	1O4F		Sc=5.93635, min distance = 2.274741
Q50549_MYCTU	447536	1c	SRC_HUMAN	Fu	311	citri	1O4L	1UZR	1O4Q		Sc=5.73401, min distance = 1.622517
Q50549_MYCTU	448573	FI	CASP7_HUMAN	Fu	311	citri	2QL9	1UZR	1SHL		Sc=5.82541, min distance = 1.904848
Q50549_MYCTU	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1UZR	1YBA	0.76	Sc=5.71862, min distance = 1.281738
Q50565_METTH	164795	N	RBCMT_PEA	Fu	23831	HEP	1MLV	1G5C	2H2J		Sc=5.66843, min distance = 1.158740
Q50565_METTH	5962	L-ly	RBCMT_PEA	Fu	23831	HEP	1MLV	1G5C	2H2E		Sc=5.65341, min distance = 0.684938
Q50565_METTH	854023	Eq	Q8WSF8_APLCA	I	23831	HEP	2BR7	1G5C	2BYQ		Sc=5.76954, min distance = 1.532549
Q50CM2_9HIV1	65023	1hi	POL_HV2RO	Fu	5362440	i	1HSH	2R5P	1HII	50.51	Sc=6.19681, min distance = 2.433921
Q50LF2_9CORY	444502	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1X31	1QJD	0.98	Sc=6.89608, min distance = 2.108870
Q50LF2_9CORY	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1X31	1BWC	0.98	Sc=6.45324, min distance = 2.153093
Q50LF2_9CORY	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1X31	1GXF	0.98	Sc=6.45554, min distance = 2.065039
Q50LF2_9CORY	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1X31	3GRT	0.98	Sc=6.45424, min distance = 2.142991
Q50LF2_9CORY	5326566	1	Q9WZW1_THEMA	I	444243	FA	1T6Y	1X31	1S4M	0.82	Sc=6.02124, min distance = 2.454995
Q52060_PSEUF	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1NVM	1I3K	0.79	Sc=6.33019, min distance = 2.322127
Q52060_PSEUF	439153	Di	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	1NVM	1V35	0.79	Sc=6.32839, min distance = 1.999423
Q52060_PSEUF	440334	Ni	DAPB_ECOLI	Fu	5893	nadi	1DRU	1NVM	1DRW	0.91	Sc=6.795, min distance = 2.00762371
Q52060_PSEUF	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	1NVM	2BJA		Sc=6.10459, min distance = 2.091720
Q52078_PSEPU	123927	AS	Q9GT92_CRYPV	I	5893	nadi	2FM3	2DPH	2EWD	0.97	Sc=6.8007, min distance = 2.1318276

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Q52078_PSEPU	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	2DPH	2JHF	0.79	Sc=6.79361, min distance = 1.992969
Q52078_PSEPU	439153	Di	CTBP1_RAT	Fu	5893	nadi	1HKU	2DPH	1HL3	0.79	Sc=6.79127, min distance = 2.191001
Q52078_PSEPU	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2DPH	2FZE		Sc=6.65041, min distance = 2.224731
Q52437_PSES1	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2GR3	1GXF	0.98	Sc=6.43876, min distance = 1.864611
Q52L64_MOUSE	104904	Me	IGKC_MOUSE	Fu	445569	CH	1Q9W	1Q9R	2AJZ		Sc=5.68376, min distance = 2.660711
Q53119_RHOSH	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1YRX	5FX2	0.77	Sc=5.97656, min distance = 2.082928
Q53119_RHOSH	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	1YRX	1HE5	0.82	Sc=6.27599, min distance = 2.307158
Q53119_RHOSH	5326566	1	Q9WZW1_THEMA	I	444243	FA	1T6Y	1YRX	1S4M	0.82	Sc=6.29035, min distance = 2.536920
Q53W52_THET8	444658	2a	RIFK_HUMAN	Fu	444243	FA	1P4M	1VCG	1NB9	0.97	Sc=6.06223, min distance = 2.444279
Q53W68_THET8	16129590		Y5224_ARATH	Fu	5886	NADF	1XQ6	2YUT	2Q4B	0.99	Sc=6.80198, min distance = 1.907956
Q53W83_THET8	11314340		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V1B	2UZT		Sc=6.37013, min distance = 2.237851
Q53W83_THET8	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V1B	2UVY		Sc=6.22181, min distance = 2.112126
Q53W83_THET8	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V1B	2VNW		Sc=6.11694, min distance = 2.474801
Q53W83_THET8	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	1H1Q		Sc=6.43169, min distance = 1.837369
Q53W83_THET8	15942652		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	2DUV		Sc=6.34799, min distance = 2.246659
Q53W83_THET8	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	3BHT		Sc=6.02613, min distance = 2.811758
Q53W83_THET8	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	3BHU		Sc=6.1214, min distance = 2.9345959
Q53W83_THET8	24820111		KIME_RAT	Full	5957	Aden	1KVK	1V1B	2R42		Sc=6.00428, min distance = 2.398329
Q53W83_THET8	3246006	n	A4XF23_NOVAD	I	161227	2-	2QJN	1V1A	2QJM	0.98	Sc=5.98364, min distance = 1.893331
Q53W83_THET8	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V1B	1YDS		Sc=5.88671, min distance = 2.230281
Q53W83_THET8	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V1B	1Q8W		Sc=5.95366, min distance = 2.119907
Q53W83_THET8	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1V1B	1BS1	0.91	Sc=5.94562, min distance = 2.105426
Q53W83_THET8	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	1V1B	1W9I	0.91	Sc=5.97855, min distance = 0
Q53W83_THET8	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1V1A	1COW	0.9	Sc=6.47363, min distance = 2.042347
Q53W83_THET8	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	1V1A	1HIY	0.97	Sc=6.40192, min distance = 2.327240
Q53W83_THET8	447840	CI	PHKG1_RABIT	Fu	5957	Aden	1QL6	1V1B	1PHK		Sc=6.00342, min distance = 2.448461
Q53W83_THET8	448043	2c	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V1B	1Q8U		Sc=6.05525, min distance = 2.047801
Q53W83_THET8	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	1H1R		Sc=6.42697, min distance = 1.526167
Q53W83_THET8	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	1V1A	2ZIA		Sc=5.84279, min distance = 2.139224
Q53W83_THET8	6031	Uric	O33839_THEMA	I	6022	Aden	1XJK	1V1A	1XJG		Sc=5.84898, min distance = 2.129089
Q53W83_THET8	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	1V1A	2CVV		Sc=6.3154, min distance = 2.0117758
Q53W83_THET8	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1V1B	2VII	0.98	Sc=6.33814, min distance = 2.402286
Q53W83_THET8	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1V1A	2VII	0.99	Sc=6.32842, min distance = 2.372110
Q53W83_THET8	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1V1B	2R7M	0.98	Sc=5.89538, min distance = 2.170921
Q53W83_THET8	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1V1A	2R7M	0.99	Sc=5.86994, min distance = 2.402919
Q53W83_THET8	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1V1B	2R85	0.98	Sc=6.36062, min distance = 1.955351
Q53W83_THET8	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1V1A	1FMO	0.95	Sc=6.25481, min distance = 2.553198

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Q53W83_THET8	60961	add	SYQ_ECOLI	Ful	5957	Aden	1GTR	1V1B	100B	0.94	Sc=6.29417, min distance = 2.02787
Q53W83_THET8	6102809	E	O57883_PYRHO	1	5957	Aden	2DTO	1V1B	2E41	0.82	Sc=6.02543, min distance = 2.26734
Q53W83_THET8	6420140	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	2C5Y		Sc=6.57749, min distance = 1.49424
Q53W83_THET8	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	1V1A	2DXF	0.8	Sc=5.88675, min distance = 1.61959
Q53W83_THET8	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1V1A	2DTH	0.89	Sc=6.18187, min distance = 1.26546
Q53W83_THET8	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	3EJ1		Sc=6.13206, min distance = 2.98623
Q53W83_THET8	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	1V1A	1XJE	0.8	Sc=6.42552, min distance = 2.22851
Q53W83_THET8	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1V1A	2ZGY	0.8	Sc=6.40901, min distance = 2.13189
Q53W83_THET8	91532	AME	F263_HUMAN	Fu	6022	Aden	2AXN	1V1A	2DWP	0.99	Sc=6.03231, min distance = 1.68537
Q53W83_THET8	91532	AME	KIF1A_MOUSE	Fu	6022	Aden	1I5S	1V1A	1I6I	0.99	Sc=6.48826, min distance = 1.97289
Q53W83_THET8	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	1V1A	3BHV		Sc=6.30995, min distance = 3.01358
Q54527_9ACTO	11349402		PNMT_HUMAN	Fu	34756	Acy	2G72	1XDS	2G71		Sc=5.8389, min distance = 1.69099
Q54527_9ACTO	12606920		PNMT_HUMAN	Fu	34756	Acy	2G72	1XDS	2ONY		Sc=5.84969, min distance = 1.56011
Q54527_9ACTO	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1XDS	2IH2	0.93	Sc=6.34125, min distance = 2.40870
Q57329_YERPS	11987635		ADH_DROLE	Ful	5893	nadi	1SBY	1RKX	1B2L	0.76	Sc=6.41089, min distance = 1.86085
Q57329_YERPS	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	1RKX	2PKR		Sc=6.8152, min distance = 1.61209
Q57329_YERPS	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1RKX	1I3K	0.79	Sc=6.77549, min distance = 2.59024
Q57329_YERPS	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1RKX	1UDB	0.79	Sc=6.33523, min distance = 2.60305
Q57329_YERPS	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1RKX	2FZE		Sc=6.19733, min distance = 1.95837
Q57U83_9TRYP	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	2B4G	1JRB		Sc=6.17171, min distance = 2.47463
Q57U83_9TRYP	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2B4G	1LTD	0.77	Sc=6.17114, min distance = 1.83944
Q57U83_9TRYP	72	protoc	PYRDA_LACLC	Fu	967	Oroti	1JQX	2B4G	2BSL		Sc=5.82581, min distance = 2.38575
Q57U83_9TRYP	7424	alph	PYRDA_LACLC	Fu	967	Oroti	1JQX	2B4G	2BX7		Sc=5.80653, min distance = 2.38704
Q59096_ACICA	5893	nadi	GALE_HUMAN	Fu	169266	1,	1I3K	1F8F	1HZJ	0.79	Sc=6.71084, min distance = 1.95494
Q59718_9PSED	16741204		INHA_MYCTU	Fu	5893	nadi	2H7I	2DKN	2IDZ	0.91	Sc=6.42096, min distance = 2.05285
Q59718_9PSED	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2DKN	1I3K	0.79	Sc=6.79018, min distance = 2.32874
Q59718_9PSED	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2DKN	1UDB	0.79	Sc=6.78732, min distance = 2.29854
Q59718_9PSED	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	2DKN	1V35	0.79	Sc=6.78476, min distance = 2.43112
Q59718_9PSED	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	2DKN	2NV6	0.93	Sc=6.86511, min distance = 2.09051
Q59771_RHOSO	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	1C1D	2PKR		Sc=6.75436, min distance = 2.19357
Q59771_RHOSO	378	4-nit	APEH_AERPE	Fu	6140	L-ph	2HU5	1C1D	1VE7		Sc=5.88842, min distance = 2.05684
Q59771_RHOSO	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1C1D	1UDB	0.79	Sc=6.71508, min distance = 2.12273
Q59771_RHOSO	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1C1D	1V35	0.79	Sc=6.71229, min distance = 1.92145
Q59771_RHOSO	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1C1D	2FZE		Sc=6.53415, min distance = 1.80697
Q59771_RHOSO	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	1C1D	3GPD	0.95	Sc=6.67933, min distance = 1.31911
Q59771_RHOSO	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1C1D	2BJA		Sc=6.25773, min distance = 1.95075
Q59771_RHOSO	71083	D-H	CAH2_HUMAN	Fu	6140	L-ph	2FMG	1C1D	2EZ7		Sc=5.70801, min distance = 2.36836

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Q59771_RHOSO	9547960	Z	NPD_THEMA	Fu	5893	nadi	2H4H	1C1D	2H59		Sc=5.79233, min distance = 2.167200
Q5AU62_EMENI	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1TI7	1QYW		Sc=5.92216, min distance = 2.611710
Q5AU62_EMENI	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1TI7	1E7Y		Sc=5.89418, min distance = 2.170520
Q5CRJ8_CRYPV	5326843	Z	CDK5_HUMAN	Fu	5326739	i	1UNH	2QKR	1UNG		Sc=6.03787, min distance = 1.869500
Q5CTR0_CRYPV	23831	HEE	GSTP1_HUMAN	Fu	78165	MES	2A2R	2PD0	1PGT	0.81	Sc=5.6016, min distance = 2.2017240
Q5CTR0_CRYPV	23831	HEE	MMP8_HUMAN	Fu	78165	MES	1ZS0	2PD0	1BZS	0.81	Sc=5.69423, min distance = 1.428400
Q5FYV5_SPHL	24864076		PYGM_RABIT	Fu	65533	cor	3GPB	2UX8	2QRH		Sc=6.17763, min distance = 1.854060
Q5FYV5_SPHL	4369162	1	PYGM_RABIT	Fu	65533	cor	3GPB	2UX8	1HLF		Sc=6.03399, min distance = 1.879110
Q5FYV5_SPHL	444185	1a	PYGM_RABIT	Fu	65533	cor	3GPB	2UX8	1A8I		Sc=5.93104, min distance = 2.658170
Q5FYV5_SPHL	445825	CI	PYGM_RABIT	Fu	65533	cor	3GPB	2UX8	1GG8		Sc=5.90537, min distance = 1.924700
Q5FYV5_SPHL	657043	CH	PYGM_RABIT	Fu	65533	cor	3GPB	2UX8	1XL0		Sc=6.03334, min distance = 1.679220
Q5IFH7_MEDTR	445675	UI	EXTL2_MOUSE	Fu	6031	Urid	1ON8	2ACV	1ON6	0.82	Sc=6.20579, min distance = 1.976090
Q5IFH7_MEDTR	6030	Urid	GLMU_HAEIN	Fu	6031	Urid	2V0K	2ACV	2V0J	0.99	Sc=6.30493, min distance = 2.063330
Q5IFH7_MEDTR	6030	Urid	O87988_BORBR	I	6031	Urid	2PZM	2ACV	2PZL	0.99	Sc=6.31372, min distance = 2.412110
Q5IFH7_MEDTR	6030	Urid	PYRH_ECOLI	Fu	6031	Urid	2BND	2ACV	2BNE	0.99	Sc=6.30573, min distance = 2.282430
Q5JD28_PYRKO	3540	lyds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2PBZ	1YDS		Sc=5.95616, min distance = 2.131740
Q5JD28_PYRKO	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	2PBZ	2JA3	0.99	Sc=5.69269, min distance = 1.449000
Q5JD28_PYRKO	6022	Ader	PPCK_ECOLI	Fu	5957	Aden	2OLR	2PBZ	1K3C	0.99	Sc=5.66361, min distance = 2.478050
Q5JD28_PYRKO	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2PBZ	2GNI		Sc=6.01664, min distance = 2.022760
Q5KST5_PSEFR	5893	nadi	GALE_ECOLI	Fu	439153	Di	1UDB	1X1T	1UDC	0.79	Sc=6.75279, min distance = 2.516750
Q5KST5_PSEFR	5893	nadi	Q9BJJ9_PLAFA	I	439153	Di	1V35	1X1T	1UH5	0.79	Sc=6.76064, min distance = 2.455920
Q5L1S0_GEOKA	11957353		HBA_HORSE	Fu	444098	HE	2D5X	2BKM	1IWH	0.83	Sc=6.70374, min distance = 2.253080
Q5L1S0_GEOKA	11957360		CY1_BOVIN	Fu	444098	HE	1L0N	2BKM	1NTM		Sc=6.70561, min distance = 2.065600
Q5L1S0_GEOKA	11957363		HBB_HUMAN	Fu	444098	HE	1J40	2BKM	1RQA	0.77	Sc=6.75164, min distance = 2.165980
Q5L1S0_GEOKA	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2BKM	2CMM		Sc=6.1963, min distance = 2.2277310
Q5L1S0_GEOKA	16741061		MYG_PHYCA	Fu	444098	HE	1A6M	2BKM	1MBC	0.83	Sc=6.70056, min distance = 2.060840
Q5P5I2_AZOSE	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	2IVF	2CMM		Sc=6.32345, min distance = 2.071450
Q5P5I2_AZOSE	16741183		CPXA_PSEPU	Fu	444098	HE	1YRC	2IVF	2ZAW	0.97	Sc=6.59891, min distance = 2.131780
Q5P5I4_AZOSE	11987635		ADH_DROLE	Fu	5893	nadi	1SBY	2EWM	1B2L	0.76	Sc=6.53819, min distance = 1.980720
Q5P5I4_AZOSE	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2EWM	1I3K	0.79	Sc=6.76739, min distance = 2.796510
Q5P5I4_AZOSE	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2EWM	1UDB	0.79	Sc=6.76703, min distance = 2.777080
Q5P5I4_AZOSE	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	2EWM	2BJA		Sc=6.27328, min distance = 2.025260
Q5SH33_THET8	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2CUL	1GXF	0.98	Sc=6.15197, min distance = 2.101350
Q5SH33_THET8	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	2CUL	1JNZ	0.94	Sc=5.98672, min distance = 2.185960
Q5SH33_THET8	446013	1,	O28604_ARCFU	I	444188	CI	1JNR	2CUL	1JNZ	0.94	Sc=5.98645, min distance = 2.201420
Q5SH33_THET8	6420174	C	O28603_ARCFU	I	444188	CI	1JNR	2CUL	2FJB	0.92	Sc=5.91307, min distance = 2.252200
Q5SH33_THET8	6420174	C	O28604_ARCFU	I	444188	CI	1JNR	2CUL	2FJB	0.92	Sc=5.91327, min distance = 2.263170

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Q5SH92_THET8	11957393	FAK1_HUMAN	Fu: 6022 Aden	1MP8	2D2F	2ETM		Sc=5.9232, min distance = 2.052478
Q5SH92_THET8	440317	RECA_MYCTU	Fu: 6022 Aden	1MO3	2D2F	1MO4	0.99	Sc=5.86196, min distance = 2.052668
Q5SH92_THET8	445940	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2D2F	1GZ8		Sc=5.80086, min distance = 2.526008
Q5SH92_THET8	446090	NDKC_DICDI	Fu: 6022 Aden	1KDN	2D2F	1HIY	0.97	Sc=6.35786, min distance = 1.392434
Q5SH92_THET8	447700	ABL1_HUMAN	Fu: 6022 Aden	2G2I	2D2F	2G2H		Sc=5.94725, min distance = 2.372098
Q5SH92_THET8	447962	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2D2F	2C5N		Sc=5.9116, min distance = 2.187867
Q5SH92_THET8	5331010	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2D2F	2BKZ		Sc=6.05404, min distance = 2.140037
Q5SH92_THET8	6420139	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2D2F	2C5V		Sc=5.89372, min distance = 2.502750
Q5SI02_THET8	23727982	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2BJA	3BHU		Sc=6.19356, min distance = 2.114124
Q5SI02_THET8	4369136	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2BJA	1DM2		Sc=6.11119, min distance = 2.888284
Q5SI02_THET8	439276	TPIS_TRYBB	Fu: 311 citri	2VEK	2BJK	6TIM		Sc=5.65657, min distance = 2.058414
Q5SI02_THET8	447916	RIO1_ARCFU	Fu: 6022 Aden	1ZTH	2BJA	1ZTF	0.95	Sc=6.08088, min distance = 2.173395
Q5SI02_THET8	447955	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2BJA	1PXI		Sc=5.61489, min distance = 2.536895
Q5SI02_THET8	4565	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2BJA	1H1R		Sc=6.19635, min distance = 2.165172
Q5SI02_THET8	4797	TPIS_TRYBB	Fu: 311 citri	2VEK	2BJK	1TTJ		Sc=5.63416, min distance = 2.418905
Q5SI02_THET8	51	SERA_ECOLI	Fu: 311 citri	2P9E	2BJK	1YBA	0.76	Sc=5.75199, min distance = 1.606765
Q5SI02_THET8	5687	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2BJA	1DI8		Sc=6.01672, min distance = 2.073648
Q5SI76_THET8	445871	RASH_HUMAN	Fu: 6830 guan	2CL7	2DY1	1GNP		Sc=5.9754, min distance = 2.232696
Q5SI76_THET8	60961	NUD16_XENLA	Fu: 6830 guan	2A8S	2DY1	2A8T		Sc=6.24332, min distance = 2.585458
Q5SI76_THET8	8582	PURA1_MOUSE	Fu: 6830 guan	1LOO	2DY1	1IWE	0.98	Sc=6.34773, min distance = 2.543844
Q5SI76_THET8	93082	RASH_HUMAN	Fu: 6830 guan	2CL7	2DY1	121P	0.99	Sc=6.53762, min distance = 2.136418
Q5SID9_THET8	24180721	PIM1_HUMAN	Fu: 60961 ade	1YI4	1ODI	3C4E		Sc=6.05465, min distance = 1.678244
Q5SID9_THET8	5327148	KAPCA_MOUSE	Fu: 60961 ade	1FMO	1ODI	2ERZ		Sc=6.17209, min distance = 1.962015
Q5SID9_THET8	657135	PIM1_HUMAN	Fu: 60961 ade	1YI4	1ODI	1YXV		Sc=5.896, min distance = 2.29749124
Q5SID9_THET8	764	PNPH_HUMAN	Fu: 6802 guan	1RFG	1ODJ	1V2H		Sc=5.80524, min distance = 2.199741
Q5SID9_THET8	8646	PNPH_HUMAN	Fu: 6802 guan	1RFG	1ODJ	1V41		Sc=5.77151, min distance = 2.992488
Q5SIM6_THET8	1005	F16PA_ECOLI	Fu: 311 citri	2OWZ	1IXE	2OX3		Sc=5.62317, min distance = 2.168465
Q5SIM6_THET8	439276	GGGPS_ARCFU	Fu: 311 citri	2F6U	1IXE	2F6X		Sc=5.64422, min distance = 1.993301
Q5SIM6_THET8	444390	HS3SB_HUMAN	Fu: 311 citri	1T8T	1IXE	1T8U		Sc=5.7881, min distance = 1.4478667
Q5SIM6_THET8	51	SERA_ECOLI	Fu: 311 citri	2P9E	1IXE	1YBA	0.76	Sc=5.8686, min distance = 0.5794188
Q5SIM6_THET8	6131	UCK2_HUMAN	Fu: 311 citri	1UEJ	1IXE	1UJ2		Sc=6.1515, min distance = 2.0271097
Q5SIM6_THET8	6852187	PPNK1_LISMO	Fu: 311 citri	2I29	1IXE	2I2B		Sc=6.041, min distance = 2.60305013
Q5SIT4_THET8	12771338	MCES_HUMAN	Fu: 439155 Ad	3BGV	2CWW	3EPP	0.88	Sc=6.5518, min distance = 2.0468270
Q5SIT4_THET8	188380	MCES_ENCCU	Fu: 439155 Ad	1RI1	2CWW	1Z3C	0.91	Sc=6.54451, min distance = 2.240885
Q5SIT4_THET8	446535	HNMT_HUMAN	Fu: 439155 Ad	2AOT	2CWW	1JQE	0.95	Sc=6.50944, min distance = 2.521888
Q5SIT4_THET8	60961	PIMT_PYRFU	Fu: 439155 Ad	1JG1	2CWW	1JG2	0.84	Sc=6.26717, min distance = 2.754085
Q5SIT4_THET8	65482	ERM_BACSU	Fu: 439155 Ad	1QAN	2CWW	1QAQ	0.88	Sc=6.5599, min distance = 2.0725895

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Q5SIT4_THET8	65482 sir	MCES_ENCCU Fu	439155 Ad	1RI1	2CWW	2HV9	0.88	Sc=6.54193, min distance = 2.32945
Q5SIT4_THET8	65482 sir	PRMA_THET8 Fu	439155 Ad	3EGV	2CWW	2ZBR	0.88	Sc=6.55513, min distance = 2.31396
Q5SJ05_THET8	1881 GW34	DYR_CANAL Fu	78165 MES	1M79	1WK4	1AOE		Sc=6.25716, min distance = 1.63943
Q5SJ05_THET8	447099 CI	DYR_CANAL Fu	78165 MES	1M79	1WK4	1M7A		Sc=6.26121, min distance = 1.68164
Q5SJ05_THET8	8200 TETF	LMBL1_HUMAN Fu	78165 MES	1OZ2	1WK4	2RHI		Sc=5.60714, min distance = 2.01642
Q5SJP9_THET8	6022 Ader	Q5SI02_THET8	1 5893 nadi	2BJK	2D4E	2BJA		Sc=6.18561, min distance = 2.34192
Q5SJV7_THET8	175468 12	LACB_BOVIN Fu	985 palmi	1GXA	2DT8	1BSO	0.83	Sc=5.89621, min distance = 2.34313
Q5SJV7_THET8	3540 1yds	KAPCA_BOVIN Fu	5957 Aden	1Q24	2Z08	1YDS		Sc=5.97865, min distance = 2.05608
Q5SJV7_THET8	444564 AD	BIOD_ECOLI Fu	5957 Aden	1A82	2Z08	1BS1	0.91	Sc=6.48088, min distance = 2.20882
Q5SJV7_THET8	444564 AD	BIOD_ECOLI Fu	91532 AMF	1DAG	2Z09	1BS1	0.91	Sc=6.47235, min distance = 2.24120
Q5SJV7_THET8	444852 CI	ATPA1_BOVIN Fu	5957 Aden	2V7Q	2Z08	1COW	0.91	Sc=6.54539, min distance = 1.83565
Q5SJV7_THET8	447916 ad	RIO1_ARCFU Fu	5957 Aden	1ZP9	2Z08	1ZTF	0.94	Sc=6.32578, min distance = 2.14922
Q5SJV7_THET8	6022 Ader	ARSA1_ECOLX Fu	5957 Aden	1II0	2Z08	1IHU	0.99	Sc=6.47813, min distance = 2.01828
Q5SJV7_THET8	6022 Ader	BIOD_ECOLI Fu	5957 Aden	1A82	2Z08	1DAD	0.99	Sc=6.4884, min distance = 2.05241
Q5SJV7_THET8	6022 Ader	BIOD_ECOLI Fu	91532 AMF	1DAG	2Z09	1DAD	0.99	Sc=6.48431, min distance = 2.11406
Q5SJV7_THET8	6022 Ader	MUTS_ECOLI Fu	5957 Aden	1W7A	2Z08	1OH7	0.99	Sc=6.46586, min distance = 2.26919
Q5SJV7_THET8	6022 Ader	MYS2_DICDI Fu	5957 Aden	1FMW	2Z08	1VOM	0.99	Sc=6.42187, min distance = 0
Q5SJV7_THET8	6022 Ader	PURP_METJA Fu	5957 Aden	2R7L	2Z08	2R7N	0.99	Sc=6.47124, min distance = 2.08376
Q5SJV7_THET8	6022 Ader	PURP_METJA Fu	91532 AMF	2R7K	2Z09	2R7N	0.99	Sc=6.47927, min distance = 2.13239
Q5SJV7_THET8	6022 Ader	Y059_METJA Fu	5957 Aden	2J9C	2Z08	2J9D	0.99	Sc=6.49963, min distance = 1.72130
Q5SJV7_THET8	6083 ader	AAKG1_RAT Fu	5957 Aden	2V92	2Z08	2V8Q	0.98	Sc=6.42465, min distance = 2.09075
Q5SJV7_THET8	6083 ader	PURP_METJA Fu	5957 Aden	2R7L	2Z08	2R7M	0.98	Sc=6.41736, min distance = 2.16621
Q5SJV7_THET8	6083 ader	PURP_METJA Fu	91532 AMF	2R7K	2Z09	2R7M	0.97	Sc=6.41554, min distance = 2.29908
Q5SJV7_THET8	6083 ader	Y059_METJA Fu	5957 Aden	2J9C	2Z08	2J9D	0.98	Sc=6.44118, min distance = 2.48654
Q5SKH6_THET8	16750069	DPHB_PYRHO Fu	439155 Ad	2Z6R	1V9A	2PCI	0.92	Sc=6.04325, min distance = 2.31132
Q5SKH6_THET8	188380 Ad	RBCMT_PEA Fu	439155 Ad	2H23	1V9A	2H2E	0.91	Sc=6.52731, min distance = 1.87070
Q5SKH6_THET8	4369099 C	CBIF_BACME Fu	439155 Ad	1CBF	1V9A	2CBF		Sc=6.48638, min distance = 2.62269
Q5SKH6_THET8	4369533 C	SETD8_HUMAN Fu	439155 Ad	1ZKK	1V9A	2BQZ	0.95	Sc=6.47343, min distance = 2.15156
Q5SKH6_THET8	447532 1c	SRC_HUMAN Fu	311 citri	1O4L	1V9A	1O4H		Sc=5.91273, min distance = 2.16078
Q5SKH6_THET8	448573 FI	CASP7_HUMAN Fu	311 citri	2QL9	1V9A	1SHL		Sc=5.90383, min distance = 2.18463
Q5SKI6_THET8	21945395	SETD7_HUMAN Fu	34756 Acy	1N6A	2Z0Y	1XQH	0.88	Sc=6.47274, min distance = 2.23783
Q5SKI6_THET8	21945395	SETD7_HUMAN Fu	439155 Ad	2F69	2CX8	1XQH	0.88	Sc=6.02544, min distance = 1.87097
Q5SKI6_THET8	65482 sir	MTTA_THEAQ Fu	439155 Ad	1AQI	2CX8	1AQJ	0.88	Sc=6.06427, min distance = 1.62643
Q5SKI6_THET8	6852187 2	Q70GK9_STRCT	1 34756 Acy	1RQP	2Z0Y	2CBX	0.84	Sc=6.17859, min distance = 1.28993
Q5SKQ2_THET8	439153 Di	Q9BJJ9_PLAFA	1 5893 nadi	1UH5	2P5Y	1V35	0.79	Sc=6.79475, min distance = 2.31666
Q5SL11_THET8	10822243	PNMT_HUMAN Fu	439155 Ad	2G8N	2GS9	2G70		Sc=6.04385, min distance = 1.82783
Q5SL11_THET8	188380 Ad	MCES_ENCCU Fu	439155 Ad	1RI1	2GS9	1Z3C	0.91	Sc=6.55766, min distance = 2.13040

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Q5SL11_THET8	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2GS9	1JQE	0.95	Sc=6.52378, min distance = 2.395694
Q5SL11_THET8	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2GS9	1JG2	0.84	Sc=6.29108, min distance = 2.614067
Q5SL11_THET8	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2GS9	2HV9	0.88	Sc=6.10694, min distance = 2.091552
Q5SL11_THET8	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2GS9	2ZBR	0.88	Sc=6.5636, min distance = 2.3841885
Q5SLC3_THET8	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2YWL	1GXF	0.98	Sc=6.12096, min distance = 2.105472
Q5SLS0_THET8	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	2YQZ	2JG3		Sc=6.33694, min distance = 2.265614
Q5SLS0_THET8	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2YQZ	1H1D	0.92	Sc=6.50242, min distance = 2.316810
Q5SLS0_THET8	6852187	2	Q70GK9_STRCT	1	34756	Acy	1RQP	2YQZ	2CBX	0.84	Sc=6.06375, min distance = 1.602318
Q5SLS3_THET8	168120	Pe	HINT1_RABIT	Fu	6804	guan	3RHN	2YWT	5RHN	0.78	Sc=6.38049, min distance = 2.029770
Q5SLS3_THET8	3758	IBMX	PDE5A_HUMAN	Fu	6804	guan	1T9S	2YWT	1RKP		Sc=6.06507, min distance = 2.442349
Q5SLS3_THET8	6083	ader	PURA1_MOUSE	Fu	8582	Inos	1IWE	2YWU	1MF0	0.79	Sc=6.34047, min distance = 2.015910
Q5SLS3_THET8	6083	ader	PYGM_RABIT	Fu	8582	Inos	2QN7	2YWU	8GPB	0.79	Sc=5.98282, min distance = 2.463869
Q5SLS3_THET8	73323	Xar	HGXR_TOXGO	Fu	8582	Inos	1QK4	2YWU	1QK5	31.82	Sc=6.39894, min distance = 2.145542
Q5SLS3_THET8	7339	PRPE	Q4DRC4_TRYCR	1	8582	Inos	1P19	2YWU	1I0L	42.6	Sc=5.61713, min distance = 1.483538
Q5SM86_THET8	11608401		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V3S	2UVY		Sc=5.66096, min distance = 3.016952
Q5SM86_THET8	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1V3S	1BS1	0.91	Sc=6.22223, min distance = 2.204249
Q5SM86_THET8	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	1V3S	1COW	0.91	Sc=6.39232, min distance = 1.545940
Q5SM86_THET8	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1V3S	1ZTF	0.94	Sc=5.92645, min distance = 2.274774
Q5SM86_THET8	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1V3S	1YDR		Sc=5.65475, min distance = 2.209230
Q5SM86_THET8	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	1V3S	2JA3	0.99	Sc=6.35212, min distance = 1.499658
Q5SM86_THET8	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1V3S	1MP8	0.99	Sc=6.23012, min distance = 2.005497
Q5SM86_THET8	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1V3S	1OH7	0.99	Sc=6.23841, min distance = 2.729719
Q5SM86_THET8	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1V3S	3ETJ	0.99	Sc=6.26791, min distance = 2.425114
Q5SM86_THET8	6022	Ader	PURT_ECOLI	Fu	5957	Aden	1KJ8	1V3S	1KJQ	0.99	Sc=6.28863, min distance = 2.418509
Q5SM86_THET8	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1V3S	2BEJ	0.99	Sc=6.25481, min distance = 2.027210
Q5SM86_THET8	6022	Ader	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1V3S	1ZTH	0.99	Sc=6.30345, min distance = 2.106329
Q5SM86_THET8	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1V3S	3C4Z	0.99	Sc=6.2334, min distance = 1.4454690
Q5SM86_THET8	6022	Ader	SKY1_YEAST	Fu	5957	Aden	1Q97	1V3S	1Q8Y	0.99	Sc=6.21985, min distance = 2.472704
Q5SM86_THET8	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1V3S	2J9D	0.99	Sc=6.30457, min distance = 2.662520
Q5SM86_THET8	6083	ader	AAKG1_RAT	Full	5957	Aden	2V92	1V3S	2V8Q	0.98	Sc=6.16907, min distance = 2.052518
Q5SM86_THET8	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1V3S	2J9D	0.98	Sc=6.15526, min distance = 3.018384
Q5XAY9_STRP6	892	myo-i	SFTPD_HUMAN	Fu	79025	alp	1PWB	2ESR	2OS9		Sc=5.78845, min distance = 2.229077
Q65YW7_STRLA	445719	EE	DGDA_BURCE	Fu	445008	DE	1D7U	1VFS	1M0Q	0.88	Sc=5.88618, min distance = 2.348178
Q65YW7_STRLA	447036	CI	DGDA_BURCE	Fu	445008	DE	1D7U	1VFS	1M0N	0.89	Sc=5.96992, min distance = 2.310994
Q65YW7_STRLA	447037	ME	DGDA_BURCE	Fu	445008	DE	1D7U	1VFS	1M0O	0.89	Sc=5.94664, min distance = 2.394710
Q65YW7_STRLA	447038	CI	DGDA_BURCE	Fu	445008	DE	1D7U	1VFS	1M0P	0.84	Sc=6.04023, min distance = 2.372809
Q6A8X5_PROAC	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	2B9W	1BWC	0.98	Sc=6.87685, min distance = 2.499144

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Q6A8X5_PROAC	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2B9W	1GXF	0.98	Sc=6.88028, min distance = 2.352080
Q6A8X5_PROAC	446013	1	O28603_ARCFU	1	444188	CI	1JNR	2B9W	1JNZ	0.94	Sc=6.88034, min distance = 2.243858
Q6A8X5_PROAC	446013	1	O28604_ARCFU	1	444188	CI	1JNR	2B9W	1JNZ	0.94	Sc=6.88051, min distance = 2.263119
Q6A8X5_PROAC	6420174	C	O28604_ARCFU	1	444188	CI	1JNR	2B9W	2FJB	0.92	Sc=6.88983, min distance = 2.013976
Q6DPL2_9INFA	154234	Pe	NRAM_I75A5	Fu	449381	Os	2QWH	2HU4	1L7F		Sc=6.4453, min distance = 2.0971549
Q6DPL2_9INFA	16058615		LYSC_CHICK	Fu	82313	1rd	1LSZ	2HTY	2H9J		Sc=5.81139, min distance = 1.786550
Q6DPL2_9INFA	656981	CU	LYSC_CHICK	Fu	82313	1rd	1LSZ	2HTY	1YIL		Sc=5.97688, min distance = 1.975410
Q6L8F0_THETH	15993	dAT	PRIM_BPT7	Fu	33113	gar	1E0J	1V25	1CR2	0.97	Sc=6.4884, min distance = 1.9968164
Q6L8F0_THETH	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	1V25	2OXD		Sc=5.7389, min distance = 2.0403622
Q6L8F0_THETH	16750063		CSK2A_MAIZE	Fu	33113	gar	1LP4	1V25	2OXX		Sc=5.61744, min distance = 2.131762
Q6L8F0_THETH	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1V25	1G4A	0.97	Sc=6.43215, min distance = 1.926394
Q6L8F0_THETH	24316	cyd	PDE10_HUMAN	Fu	6083	aden	2OUN	1V26	2OUU	0.81	Sc=6.36711, min distance = 2.056170
Q6L8F0_THETH	31291	Myr	FHUA_ECOLI	Fu	11005	Tet	1QFG	1V26	2GRX		Sc=5.80654, min distance = 2.372490
Q6L8F0_THETH	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1ULT	1QGU	0.92	Sc=5.94988, min distance = 2.372206
Q6L8F0_THETH	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1ULT	1QGU	0.92	Sc=5.97221, min distance = 2.311008
Q6L8F0_THETH	445708	AN	NADE_ECOLI	Fu	6083	aden	1WXI	1V26	1WXE	0.91	Sc=6.39465, min distance = 2.103174
Q6L8F0_THETH	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	1V26	1PG4	0.99	Sc=6.47725, min distance = 2.553458
Q6L8F0_THETH	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1ULT	1YBA	0.76	Sc=5.88325, min distance = 0.821506
Q6L8F0_THETH	5326739	i	GSK3B_HUMAN	Fu	33113	gar	1J1B	1V25	1Q41		Sc=6.39376, min distance = 2.024642
Q6L8F0_THETH	5326977	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1V25	1ZOG		Sc=5.74218, min distance = 2.087195
Q6L8F0_THETH	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	1V26	2C3I		Sc=6.33655, min distance = 1.285650
Q6L8F0_THETH	6030	Uric	ECX2_SULSO	Fu	6083	aden	2C38	1V26	2C37		Sc=6.30263, min distance = 2.333018
Q6L8F0_THETH	6076	Cycl	PDE10_HUMAN	Fu	6083	aden	2OUN	1V26	2OUR	0.99	Sc=6.33354, min distance = 1.929359
Q6L8F0_THETH	6338563	C	MYS2_DICDI	Fu	33113	gar	1MMN	1V25	1D0Z		Sc=6.25199, min distance = 2.003690
Q6L8F0_THETH	6540255	C	DAPK1_HUMAN	Fu	33113	gar	1JKL	1V25	1WVX		Sc=6.35608, min distance = 2.157170
Q6NIF5_CORDI	439182	5	Q70GK9_STRCT	1	34756	Acy	1RQP	2NPN	2CC2	0.86	Sc=6.14726, min distance = 2.569275
Q6PYX1_HUMAN	101798	Me	LEC1_LATOC	Fu	185698	al	1LOG	1ZLS	1LOB	0.94	Sc=5.87043, min distance = 2.454592
Q6PYX1_HUMAN	101798	Me	LEC_GALNI	Fu	185698	al	1JPC	1ZLS	1MSA	0.94	Sc=5.87705, min distance = 2.328359
Q6PYX1_HUMAN	151504	D	CONA_CANEN	Fu	185698	al	1CVN	1ZLS	1I3H		Sc=5.7881, min distance = 2.6224082
Q6PYX1_HUMAN	151504	D	CVN_NOSEL	Fu	185698	al	2RDK	1ZLS	2PYS		Sc=5.79727, min distance = 2.462700
Q6PYX1_HUMAN	15600	DEC	BACR_HALSA	Fu	185698	al	1IW6	1ZLS	1XJI		Sc=5.61886, min distance = 0.922562
Q6PYX1_HUMAN	16741034		Q9XEI3_HORVD	1	185698	al	1X38	1ZLS	1IEV	0.82	Sc=5.73005, min distance = 2.088342
Q6PYX1_HUMAN	446578	1r	MBL1_RAT	Full	439554	fu	3KMB	1S3K	1KWW	0.96	Sc=5.60974, min distance = 2.115378
Q6PYX1_HUMAN	446578	1r	Q8XXK6_RALSO	1	439554	fu	2BS6	1S3K	2BT9	0.96	Sc=5.60728, min distance = 2.413178
Q6PYX1_HUMAN	447147	Al	TSPE_BPP22	Fu	185698	al	1TYU	1ZLS	1TYX	0.98	Sc=5.65518, min distance = 1.117948
Q6PYX1_HUMAN	64947	alg	LEC1_LATOC	Fu	185698	al	1LOG	1ZLS	1LOA	0.94	Sc=5.87312, min distance = 2.308266
Q6Q004_9HIV1	24764433		POL_HV1BR	Fu	5481249	c	2P3B	2P3C	2QNQ		Sc=6.06425, min distance = 2.250450

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Q6Q004_9HIV1	392622	ri	POL_HV1BR	Fu	5481249	c	2P3B	2P3C	1RL8		Sc=6.03277, min distance = 2.02714
Q6RYA0_TOBAC	8158	Pela	ALBU_HUMAN	Fu	338	salic	2I2Z	1Y7I	1E7E		Sc=5.75955, min distance = 0.75893
Q6T6J0_9FABA	14253	Cet	FABP4_MOUSE	Fu	1369	Phen	2ANS	1TXC	1LIC		Sc=5.72195, min distance = 0.81884
Q6XV46_9INFA	11963507		NEUR2_HUMAN	Fu	447208	DA	2F25	2HTW	2F13	0.89	Sc=6.2874, min distance = 2.075017
Q6XV46_9INFA	154234	Pe	NRAM_I63A3	Fu	447208	DA	2HTR	2HTW	2HTU		Sc=6.43802, min distance = 2.00529
Q6XV46_9INFA	5288452	C	NEUR2_HUMAN	Fu	447208	DA	2F25	2HTW	2F0Z	0.86	Sc=5.99042, min distance = 2.12773
Q700S9_PENSQ	24139	ace	CONA_CANEN	Fu	185698	a1	1CVN	1TG7	1TEI		Sc=6.08225, min distance = 0.78865
Q700S9_PENSQ	439731	al	ARAF_ECOLI	Fu	439353	be	8ABP	1XC6	6ABP	0.93	Sc=5.66215, min distance = 2.51018
Q700S9_PENSQ	7027	gluc	Q72KX2_THET2	I	439353	be	2B3F	1XC6	2B3B		Sc=5.92682, min distance = 1.93529
Q70DK5_CLOTM	29435	1-I	CDGT_BACSO	Fu	64689	bet	1UKS	2CN3	1I75		Sc=5.70048, min distance = 2.07498
Q70DK5_CLOTM	444279	1s	OMPG_ECOLI	Fu	64689	bet	2IWW	2CN3	2IWW		Sc=5.94202, min distance = 1.31585
Q70DK5_CLOTM	445564	4-	GUNG_CLOCE	Fu	64689	bet	1GA2	2CN3	1KFG	0.88	Sc=5.62862, min distance = 1.05641
Q70DK5_CLOTM	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2CN3	1UOZ	0.77	Sc=5.71284, min distance = 1.31792
Q70DK5_CLOTM	62852	B-C	PGH1_SHEEP	Fu	64689	bet	2OYU	2CN3	1Q4G	0.85	Sc=6.22749, min distance = 1.25423
Q70GK9_STRCT	439155	Ad	RBCMT_PEA	Fu	188380	Ad	2H2E	2C4T	2H23	0.91	Sc=6.41857, min distance = 2.07363
Q71Z85_LISMF	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	2F8L	2JG3		Sc=6.53255, min distance = 1.62287
Q71Z85_LISMF	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2F8L	1EG2	0.91	Sc=6.24147, min distance = 2.57918
Q71Z85_LISMF	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2F8L	1H1D	0.92	Sc=6.55172, min distance = 2.22700
Q72H90_THET2	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2BEK	1Q8W		Sc=5.90944, min distance = 2.31275
Q72H90_THET2	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2BEK	1YDR		Sc=5.8712, min distance = 2.136187
Q72H90_THET2	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2BEK	2V8Q	0.98	Sc=5.96259, min distance = 2.38230
Q72H90_THET2	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2BEK	2J9D	0.98	Sc=5.8145, min distance = 1.936934
Q72H90_THET2	6338561	C	MYS2_DICDI	Fu	5957	Aden	1FMW	2BEK	1D0X		Sc=6.15342, min distance = 0
Q72H90_THET2	91532	AMF	DNAA_AQUAE	Fu	6022	Aden	1L8Q	2BEJ	2HCB	0.99	Sc=5.97142, min distance = 1.58462
Q72H90_THET2	91532	AMF	KIF1A_MOUSE	Fu	6022	Aden	1I5S	2BEJ	1I6I	0.99	Sc=6.18302, min distance = 2.38345
Q72H90_THET2	91532	AMF	NIFH1_AZOVI	Fu	5957	Aden	2C8V	2BEK	2AFK	0.99	Sc=6.1805, min distance = 2.562655
Q72H90_THET2	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BEJ	3BHV		Sc=6.36382, min distance = 1.61844
Q72K25_THET2	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	2D4E	2BJA		Sc=6.19516, min distance = 2.36913
Q72KX2_THET2	15942683		FCN3_HUMAN	Fu	439353	be	2J5Z	2B3F	2J60	0.77	Sc=5.71012, min distance = 1.31489
Q72KX2_THET2	439680	be	Q9C171_PIREQ	I	7027	gluc	1W8T	2B3B	1W8U		Sc=5.94398, min distance = 1.48928
Q72KX2_THET2	445257	1i	MYRA_SINAL	Fu	7027	gluc	1E6X	2B3B	1E70		Sc=5.73277, min distance = 2.27606
Q72KX2_THET2	445564	4-	GUNG_CLOCE	Fu	64689	bet	1GA2	2B3B	1KFG	0.88	Sc=5.7543, min distance = 1.511861
Q72KX2_THET2	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2B3B	1UOZ	0.77	Sc=5.74542, min distance = 2.38098
Q72KX2_THET2	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2B3B	1UP2		Sc=5.87591, min distance = 1.19992
Q72KX2_THET2	6027	xylc	Q8XXK6_RALSO	I	64689	bet	2BS5	2B3B	2BS6	0.93	Sc=5.71487, min distance = 1.87399
Q72KX2_THET2	6027	xylc	Q9ZB17_9LACT	I	439353	be	1NSX	2B3F	1MN0	0.93	Sc=5.71776, min distance = 2.06323
Q72KX2_THET2	6102765	C	Q9RX51_DEIRA	I	64689	bet	2BY0	2B3B	2BY2		Sc=5.64326, min distance = 2.13422

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Q72KX2_THET2	79025	alg	Q9C171_PIREQ	1	7027	gluc	1W8T	2B3B	1GWM		Sc=5.84213, min distance = 2.167509
Q746J6_THET2	11957385		MYG_PHYCA	Full	444098	HE	1A6M	1N97	2CMM		Sc=6.31993, min distance = 2.144332
Q746J6_THET2	446406	C2	MYG_PHYCA	Full	444098	HE	1A6M	1N97	1J3F		Sc=6.40059, min distance = 2.017248
Q75WK2_THETH	43	2-hydr	AAT_ECOLI	Full	107	hydr	1TOI	1V2F	1AIB		Sc=5.61496, min distance = 1.925000
Q76IQ9_VIBPR	185698	al	MBL1_RAT	Full	82313	1rd	1KWV	1V7W	2MSB		Sc=5.84578, min distance = 0.668640
Q76IQ9_VIBPR	185698	al	MBL2_RAT	Full	24139	ace	1KZD	1V7W	1RDL		Sc=5.80338, min distance = 2.155079
Q76IQ9_VIBPR	4369268	C	F17AG_ECOLX	Fu	24139	ace	2BSC	1V7W	1O9V	0.88	Sc=6.0566, min distance = 2.553229
Q76IQ9_VIBPR	4369359	S	DPP4_HUMAN	Fu	24139	ace	2RGU	1V7W	1X70		Sc=6.07542, min distance = 2.035796
Q76IQ9_VIBPR	439353	be	MBL2_RAT	Full	24139	ace	1KZD	1V7W	1RDK		Sc=5.74566, min distance = 2.343576
Q76IQ9_VIBPR	444205	CI	DPP4_HUMAN	Fu	24139	ace	2RGU	1V7W	3BJM	0.91	Sc=6.01572, min distance = 2.146849
Q76IQ9_VIBPR	444863	is	MBL1_RAT	Full	82313	1rd	1KWV	1V7W	1KWX		Sc=5.60481, min distance = 1.302117
Q76IQ9_VIBPR	444863	is	MBL2_RAT	Full	24139	ace	1KZD	1V7W	1RDJ		Sc=5.68635, min distance = 2.418178
Q76IQ9_VIBPR	84571	lac	LECG_ARAHY	Fu	82313	1rd	1CIW	1V7W	2PEL		Sc=6.27916, min distance = 2.026060
Q76IQ9_VIBPR	94214	Met	LECG_ARAHY	Fu	82313	1rd	1CIW	1V7W	1QF3		Sc=5.64122, min distance = 2.439508
Q79FX6_MYCTU	16958	Dic	CFA1_MYCTU	Fu	439155	Ad	1KPG	1TPY	1KPH		Sc=6.00043, min distance = 2.630828
Q79FX6_MYCTU	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1TPY	1Z3C	0.91	Sc=6.59241, min distance = 2.184864
Q79FX6_MYCTU	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1TPY	1JQE	0.95	Sc=6.54274, min distance = 2.193070
Q79FX6_MYCTU	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1TPY	1JG2	0.84	Sc=6.32085, min distance = 2.322182
Q79FX8_MYCTU	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2FK8	1EG2	0.91	Sc=6.21966, min distance = 2.335317
Q79FX8_MYCTU	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2FK8	1H1D	0.92	Sc=6.53308, min distance = 2.129556
Q79FX8_MYCTU	5326531	C	CHOMT_MEDSA	Fu	34756	Acy	1FPQ	2FK8	1FP1	0.92	Sc=6.5186, min distance = 2.4560240
Q79G13_MYCTU	11957432		BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	2J7E		Sc=6.22322, min distance = 2.305359
Q79G13_MYCTU	11957435		BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	2J7H		Sc=5.64286, min distance = 2.646276
Q79G13_MYCTU	16741013		CARP_YEAST	Fu	64689	bet	1FQ4	1UP0	1FQ6		Sc=5.70923, min distance = 2.384379
Q79G13_MYCTU	445037	D	UGL_BACGL	Full	64689	bet	2FV0	1UP0	2FV1		Sc=5.80655, min distance = 2.229332
Q79G13_MYCTU	445248	nc	BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	2J78		Sc=5.89886, min distance = 2.651759
Q79G13_MYCTU	445723	1-	PYGM_RABIT	Fu	447607	1c	2G9V	1UP2	1P4H		Sc=6.20469, min distance = 2.508549
Q79G13_MYCTU	447413	NT	BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	2J7B		Sc=5.91307, min distance = 2.394814
Q79G13_MYCTU	447601	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	1UP0	1OCB	29.32	Sc=5.68216, min distance = 2.561649
Q79G13_MYCTU	447606	IF	GUX6_HUMIN	Fu	444809	Th	1OC7	1UOZ	1OCN	29.32	Sc=5.69101, min distance = 2.068230
Q79G13_MYCTU	447651	CI	BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	2J77		Sc=5.76396, min distance = 2.595869
Q79G13_MYCTU	447770	CG	PYGM_RABIT	Fu	447607	1c	2G9V	1UP2	1P4G		Sc=6.06736, min distance = 2.439884
Q79G13_MYCTU	448963	2J	BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	2J79		Sc=5.88856, min distance = 2.345138
Q79G13_MYCTU	448980	nc	BGLA_THEMA	Fu	447607	1c	1OIF	1UP2	1UZ1	0.79	Sc=5.76396, min distance = 2.298009
Q79G13_MYCTU	5327083	C	GUN2_THEFU	Fu	444809	Th	2BOG	1UOZ	2BOD	42.36	0.9 Sc=5.71748, min distance = 1.723939
Q79G13_MYCTU	5327083	C	GUN2_THEFU	Fu	64689	bet	2BOF	1UP0	2BOD	42.36	Sc=5.73786, min distance = 1.379810
Q79G13_MYCTU	79025	alg	AMY1_HORVU	Fu	444809	Th	1P6W	1UOZ	1RP8	0.78	Sc=5.77106, min distance = 1.794499

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Q79G13_MYCTU	9549193	BGLA_THEMA	Fu: 447607	1c	1OIF	1UP2	2CES		Sc=5.94232, min distance = 2.417771
Q7BK04_HELPY	1540	1h1c	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1H1Q	Sc=6.17103, min distance = 1.893914
Q7BK04_HELPY	23653516		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2R3G	Sc=6.27648, min distance = 1.489312
Q7BK04_HELPY	23653523		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2R3O	Sc=6.34771, min distance = 1.676160
Q7BK04_HELPY	24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2VTR	Sc=5.99875, min distance = 2.098502
Q7BK04_HELPY	24864081		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2VTS	Sc=6.34755, min distance = 1.490994
Q7BK04_HELPY	444564	AD	BIOD_ECOLI	Fu: 6022	Aden	1DAD	1G60	1BS1	0.91 Sc=6.42525, min distance = 2.602463
Q7BK04_HELPY	445940	O6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1GZ8	Sc=6.01807, min distance = 2.222275
Q7BK04_HELPY	445966	O6	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1H0V	Sc=6.16759, min distance = 1.923611
Q7BK04_HELPY	447652	In	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1OIQ	Sc=6.18335, min distance = 2.009724
Q7BK04_HELPY	447655	1c	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1OIU	Sc=6.19106, min distance = 1.722460
Q7BK04_HELPY	4564	1e1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1E1V	Sc=6.08416, min distance = 2.423496
Q7BK04_HELPY	4565	1h1r	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1H1R	Sc=6.16444, min distance = 1.656267
Q7BK04_HELPY	5327087	3	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2BPM	Sc=6.38349, min distance = 1.646402
Q7BK04_HELPY	5327096	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2BTR	Sc=6.13673, min distance = 1.779290
Q7BK04_HELPY	5957	Ader	MALK_ECOLI	Fu: 6022	Aden	2AWN	1G60	1Q12	0.99 Sc=6.46674, min distance = 1.418571
Q7BK04_HELPY	5957	Ader	MUTS_ECOLI	Fu: 6022	Aden	1OH7	1G60	1W7A	0.99 Sc=6.4463, min distance = 1.0586425
Q7BK04_HELPY	6031	Uric	DCK_HUMAN	Fu: 6022	Aden	1P5Z	1G60	2ZIA	Sc=5.90657, min distance = 2.102471
Q7BK04_HELPY	91532	AMF	BIOD_ECOLI	Fu: 6022	Aden	1DAD	1G60	1DAG	0.99 Sc=6.49966, min distance = 2.390890
Q7BK04_HELPY	9547890	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	1W8C	Sc=6.17684, min distance = 1.986181
Q7BK04_HELPY	9991833	S	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1G60	2R3H	Sc=6.09743, min distance = 1.953908
Q7CKD7_YERPE	79639	9-M	FOLB_STAAU	Fu: 69736	Ran	2DHN	2QX0	1RRW	Sc=5.8609, min distance = 2.7808620
Q7CKD7_YERPE	95034	8-A	FOLB_STAAU	Fu: 69736	Ran	2DHN	2QX0	1RS2	Sc=5.94804, min distance = 2.393601
Q7CRW4_AGR5	91557	1tr	NMNA3_HUMAN	Fu: 5893	nadi	1NUU	1Z2I	1NUT	Sc=5.87228, min distance = 1.488878
Q7D8I1_MYCTU	8209	Myri	ABL1_MOUSE	Fu: 11005	Tet	1OPK	1TED	1OPJ	Sc=5.8546, min distance = 2.1736306
Q7D9R5_MYCTU	188380	Ac	MCES_ENCCU	Fu: 439155	Ac	1RI1	1L1E	1Z3C	0.91 Sc=6.54776, min distance = 2.303582
Q7D9R5_MYCTU	446535	CI	HNMT_HUMAN	Fu: 439155	Ac	2AOT	1L1E	1JQE	0.95 Sc=6.50507, min distance = 2.002220
Q7D9R5_MYCTU	60961	ade	PIMT_PYRFU	Fu: 439155	Ac	1JG1	1L1E	1JG2	0.84 Sc=6.21918, min distance = 2.476407
Q7D9R5_MYCTU	65482	sir	MTR1_RHOSH	Fu: 439155	Ac	1NW7	1L1E	1NW6	0.88 Sc=6.10016, min distance = 2.138538
Q7DDI9_NEIMB	12136	Ber	POL_HV1N5	Fu: 311	citri	2GON	2IS5	9HVP	Sc=5.65702, min distance = 0.572968
Q7DDI9_NEIMB	444568	HI	RENI_HUMAN	Fu: 311	citri	2IL2	2IS5	1BIL	Sc=5.64022, min distance = 2.097145
Q7DDI9_NEIMB	8778	Laur	CTXA3_NAJAT	Fu: 311	citri	1XT3	2IS5	1H0J	Sc=5.60067, min distance = 0.950508
Q7KIF2_9DIPT	115260	S	GSTM2_HUMAN	Fu: 124886	gl	1XW5	1JLV	2AB6	0.94 Sc=6.28333, min distance = 2.636582
Q7KIF2_9DIPT	5288475	C	GSTM2_HUMAN	Fu: 124886	gl	1XW5	1JLV	2C4J	Sc=6.10447, min distance = 2.012908
Q7KIF2_9DIPT	97536	Hex	GSTP_ONCVO	Fu: 124886	gl	1TU7	1JLV	1TU8	0.9 Sc=6.45278, min distance = 2.175938
Q7LYW4_THELI	444175	CI	MALE_ECOLI	Fu: 6255	malt	1IUD	2F5T	1A7L	0.94 Sc=6.40328, min distance = 2.267616
Q7LYW4_THELI	447139	CI	MALE_ECOLI	Fu: 6255	malt	1IUD	2F5T	1MDQ	0.91 Sc=6.35058, min distance = 2.546756

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Q7LYW4_THELI	79025	alg	MALE_ECOLI	Fu: 6255	malt	1IUD	2F5T	1ANF	0.87	Sc=5.76222, min distance = 2.542124	
Q7LYW7_THELI	64689	bet	P74325_SYNY3	1	7427	treh	2B1Q	1EU8	1U2S	0.87	Sc=5.90022, min distance = 2.512521
Q7LYW7_THELI	657130	CI	CONA_CANLI	Fu: 7427	treh	2CY6	1EU8	2CYF	1	Sc=6.40926, min distance = 2.145874	
Q7LYW7_THELI	82313	1rc	PGRP_CAMDR	Fu: 7427	treh	3CXA	1EU8	3C93		Sc=6.07341, min distance = 2.049657	
Q7M1T4_ARTIN	151504	D-	CONA_CANEN	Fu: 101798	Me	5CNA	1J4U	1I3H		Sc=5.69341, min distance = 2.311579	
Q7M1T4_ARTIN	151504	D-	CONA_CANEN	Fu: 185698	al	1CVN	1VBO	1I3H		Sc=5.82145, min distance = 1.460824	
Q7M1T4_ARTIN	16741014		CARP_YEAST	Fu: 185698	al	1DPJ	1VBO	1FQ7		Sc=5.70029, min distance = 1.896616	
Q7M1T4_ARTIN	24310	fru	Q9HYN5_PSEAE	1	101798	Me	2JDN	1J4U	1OVP	0.9	Sc=5.72108, min distance = 2.900792
Q7M1T4_ARTIN	439554	fu	Q9HYN5_PSEAE	1	101798	Me	2JDN	1J4U	1UZV	0.96	Sc=5.64084, min distance = 1.700198
Q7M1T4_ARTIN	439680	be	Q9HYN5_PSEAE	1	101798	Me	2JDN	1J4U	1OUR	0.94	Sc=5.64084, min distance = 2.871032
Q7M1T4_ARTIN	445184	1,	EGFR_HUMAN	Fu: 185698	al	1MOX	1VBO	3C09		0.89	Sc=5.7048, min distance = 1.391979
Q7M1T4_ARTIN	445184	1,	Q6PYX1_HUMAN	1	185698	al	1ZLS	1VBO	1ZLW	0.89	Sc=5.78651, min distance = 1.321529
Q7M1T4_ARTIN	446972	Mu	LECB_LATOC	Fu: 185698	al	1LOG	1VBO	1LOD			Sc=6.05292, min distance = 2.367493
Q7M1T4_ARTIN	87330	M97	CONA_CANEN	Fu: 101798	Me	5CNA	1J4U	1CJP			Sc=6.35659, min distance = 0.698331
Q7M421_9DIPT	11957353		HBB_HORSE	Fu: 444098	HE	2D5X	1X46	1IWH		0.83	Sc=6.72105, min distance = 2.020572
Q7M421_9DIPT	11957363		HBB_HUMAN	Fu: 444098	HE	1J40	1X46	1RQA		0.77	Sc=6.71957, min distance = 1.966676
Q7M421_9DIPT	11957385		MYG_PHYCA	Fu: 444098	HE	1A6M	1X46	2CMM			Sc=6.32423, min distance = 2.068079
Q7M422_9DIPT	11957355		CYB_BOVIN	Fu: 444522	HE	1BGY	1X3K	1L0L		0.81	Sc=6.66271, min distance = 2.082583
Q7M422_9DIPT	11957363		HBB_HUMAN	Fu: 444522	HE	2DN1	1X3K	1RQA		0.81	Sc=6.66708, min distance = 2.495913
Q7M422_9DIPT	11957385		MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	2CMM			Sc=6.20676, min distance = 2.474819
Q7M422_9DIPT	16741062		MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	1MBN		0.88	Sc=6.65504, min distance = 2.237054
Q7M422_9DIPT	16741183		MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	2EKT		0.93	Sc=6.59457, min distance = 2.369449
Q7M422_9DIPT	444097	He	MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	2EVK		0.96	Sc=6.7309, min distance = 2.1453514
Q7M422_9DIPT	444124	HE	GLB1_GLYDI	Fu: 444522	HE	1HBG	1X3K	1JF3		0.99	Sc=6.6709, min distance = 2.4668419
Q7M422_9DIPT	444124	HE	MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	1U7R		0.99	Sc=6.71852, min distance = 2.156488
Q7M422_9DIPT	444207	He	MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	1VXG	1		Sc=6.66332, min distance = 2.132781
Q7M422_9DIPT	446332	CI	MYG_PHYCA	Fu: 444522	HE	1VXD	1X3K	1IOP		0.79	Sc=6.64586, min distance = 2.350449
Q7M422_9DIPT	446409	HN	HBA_HUMAN	Fu: 444522	HE	2DN1	1X3K	1J40		0.98	Sc=6.65721, min distance = 2.459311
Q7NX84_CHRVO	24310	fru	Q9HYN5_PSEAE	1	446578	1r	2JDP	2BOI	1OVP	0.9	Sc=5.90839, min distance = 1.196206
Q7NX84_CHRVO	439554	fu	Q8XXK6_RALSO	1	446578	1r	2BT9	2BOI	2BS6	0.96	Sc=5.83078, min distance = 0.689369
Q7NX84_CHRVO	439680	be	Q9HYN5_PSEAE	1	446578	1r	2JDP	2BOI	1OUR	0.94	Sc=5.81081, min distance = 1.224720
Q7NX84_CHRVO	447053	CI	Q9HYN5_PSEAE	1	446578	1r	2JDP	2BOI	1W8H	0.81	Sc=5.72207, min distance = 1.067146
Q7NX84_CHRVO	82313	1rc	MBL1_RAT	Full: 446578	1r	1KWW	2BOI	1KWV			Sc=6.04782, min distance = 1.854612
Q7SI98_STROI	23831	HEE	XYNA_BACSU	Fu: 125409	be	2QZ3	2D20	2B45			Sc=5.68317, min distance = 1.150866
Q7SI98_STROI	446394	1c	GUX_CELFI	Fu: 125409	be	2XYL	2D20	1J01	70.61		Sc=6.19765, min distance = 2.599891
Q7SI98_STROI	447315	Me	XYNA_BACSU	Fu: 125409	be	2QZ3	2D20	1XXN			Sc=5.79391, min distance = 0.633399
Q7SI98_STROI	69275	4-N	GCAA_MOUSE	Fu: 980	p-nit	1YEK	2D20	1YEG		0.77	Sc=5.60236, min distance = 2.632607

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Q7SI98_STROI	69275 4-N	Q58EU8_MOUSE	1 980 p-nit	1YEK	2D20	1YEG	0.77	Sc=5.60974, min distance = 2.78778
Q7SIA1_THETH	10041129	SAHH_MYCTU	Fu: 60961 ade	3CE6	1UAY	3DHY	0.89	Sc=6.33577, min distance = 2.30244
Q7SIA1_THETH	6802 guar	A5KE01_PLAVI	1 60961 ade	2PGF	1UAY	2QVN	0.79	Sc=6.34884, min distance = 1.99826
Q7SIC5_THETH	51 2-Oxop	SERA_ECOLI	Fu: 311 citri	2P9E	1J3N	1YBA	0.76	Sc=5.75562, min distance = 0.44775
Q7SIE2_BACAG	439692 D-	XYLA_STRRU	Fu: 6027 xylc	3XIS	1H4H	4XIS		Sc=5.63076, min distance = 2.05972
Q7SIE2_BACAG	445564 4-	GUX2_TRIRE	Fu: 125409 be	1QK0	1H4H	1QJW	0.82	Sc=5.70271, min distance = 0.64435
Q7SIE9_THESP	444915 G1	CDGT2_BACCI	Fu: 23831 HEP	1OT1	1GKP	1CXL		Sc=5.78284, min distance = 1.09262
Q7SMT3_9HIV1	65023 1hi	POL_HV2RO	Fu: 5362440 i	1HSH	2B7Z	1HII	50.51	Sc=6.12567, min distance = 2.74112
Q7SPG9_9HIV1	24883482	POL_HV1BR	Fu: 5743186 E	2FDE	2FDD	3BGB		Sc=6.06064, min distance = 2.57831
Q7SPG9_9HIV1	392622 ri	POL_HV1BR	Fu: 5743186 E	2FDE	2FDD	1RL8		Sc=5.9524, min distance = 2.61515
Q7W0A0_BORPE	24820116	GGT_ECOLI	Fu: 33032 L-g	2DG5	2DVZ	2Z8I		Sc=5.72302, min distance = 2.49225
Q7W0A0_BORPE	24820117	GGT_ECOLI	Fu: 33032 L-g	2DG5	2DVZ	2Z8J		Sc=5.86141, min distance = 2.18716
Q7W0A0_BORPE	24820118	GGT_ECOLI	Fu: 33032 L-g	2DG5	2DVZ	2Z8K		Sc=5.71633, min distance = 2.38938
Q7W0A0_BORPE	449178 gl	GLMS_ECOLI	Fu: 33032 L-g	1XFF	2DVZ	1XFG	0.81	Sc=5.87272, min distance = 1.99707
Q7W0A0_BORPE	5961 L-gl	SYQ_ECOLI	Fu: 33032 L-g	100C	2DVZ	1ZJW	0.84	Sc=5.81534, min distance = 2.18680
Q7YYW6_CRYPV	37792 gar	GNAI1_RAT	Fu: 8977 1dar	1SVK	2RHD	1AS0	0.99	Sc=6.49058, min distance = 2.33078
Q7YYW6_CRYPV	37792 gar	RHOA_HUMAN	Fu: 8977 1dar	1TX4	2RHD	1CXZ	0.99	Sc=6.51801, min distance = 2.23574
Q7YYW6_CRYPV	444845 1c	RASH_HUMAN	Fu: 8977 1dar	2CE2	2RHD	1CLU	0.97	Sc=6.22291, min distance = 2.42534
Q7YYW6_CRYPV	445871 CI	RASH_HUMAN	Fu: 8977 1dar	2CE2	2RHD	1GNP		Sc=6.69595, min distance = 2.22788
Q7YYW6_CRYPV	445873 CA	RASH_HUMAN	Fu: 8977 1dar	2CE2	2RHD	2CL6		Sc=6.41471, min distance = 2.17010
Q7YYW6_CRYPV	446248 CI	RAN_HUMAN	Fu: 8977 1dar	3CH5	2RHD	1IBR		Sc=6.53121, min distance = 2.28784
Q7YYW6_CRYPV	446248 CI	RASH_HUMAN	Fu: 8977 1dar	2CE2	2RHD	1IAQ		Sc=6.15088, min distance = 2.38604
Q7YYW6_CRYPV	448405 CI	ARF1_RAT	Fu: 8977 1dar	1RRG	2RHD	1RRF		Sc=6.45435, min distance = 2.58019
Q7YYW6_CRYPV	5496554 C	RASH_HUMAN	Fu: 8977 1dar	2CE2	2RHD	1GNQ		Sc=6.71558, min distance = 2.22869
Q7YYW6_CRYPV	8582 Inos	PUR1_MOUSE	Fu: 8977 1dar	1LON	2RHD	1IWE	0.99	Sc=6.39134, min distance = 2.85407
Q7YYW6_CRYPV	93082 Gab	CDC42_HUMAN	Fu: 8977 1dar	2NGR	2RHD	2ODB	0.99	Sc=6.54571, min distance = 2.42952
Q7YYW6_CRYPV	93082 Gab	RAC3_HUMAN	Fu: 8977 1dar	2C2H	2RHD	2QME	0.99	Sc=6.52958, min distance = 2.52490
Q7YYW6_CRYPV	93082 Gab	RASH_HUMAN	Fu: 8977 1dar	2CE2	2RHD	121P	0.99	Sc=6.21256, min distance = 2.48459
Q816V9_BACCR	11987634	GLPD_ECOLI	Fu: 444188 CI	2QCU	2I0Z	2R4E	0.97	Sc=6.43158, min distance = 2.05857
Q816V9_BACCR	16740985	FRDA_SHEFR	Fu: 444188 CI	1M64	2I0Z	1E39	0.93	Sc=6.43641, min distance = 2.48389
Q816V9_BACCR	16741253	LSD1_HUMAN	Fu: 444188 CI	2DW4	2I0Z	2UXN	0.95	Sc=6.4369, min distance = 2.26961
Q816V9_BACCR	444502 CI	FRDA_SHEFR	Fu: 444188 CI	1M64	2I0Z	1QJD	0.98	Sc=6.43692, min distance = 2.55102
Q816V9_BACCR	444502 CI	TYTR_TRYCR	Fu: 444188 CI	1BZL	2I0Z	1GXF	0.98	Sc=6.44027, min distance = 2.49771
Q816V9_BACCR	446013 1,	O28603_ARCFU	1 444188 CI	1JNR	2I0Z	1JNZ	0.94	Sc=6.43774, min distance = 2.12798
Q818H0_BACCR	445939 1c	PPTA_ECOLI	Fu: 23831 HEP	1GYX	2GX8	1GYG		Sc=5.63172, min distance = 2.95686
Q818H0_BACCR	447026 NA	LYSC_CHICK	Fu: 23831 HEP	2HUB	2GX8	1LZG		Sc=6.13288, min distance = 0.43308
Q818H0_BACCR	8200 TETH	Q8WSF8_APLCA	1 23831 HEP	2BR7	2GX8	2BYN		Sc=5.7103, min distance = 1.26166

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Q81B18_BACCR	8172	Trid	LMBL1_HUMAN	Fu	78165	MES	1OZ2	2B81	2RI5		Sc=5.71823, min distance = 0.844287
Q81F54_BACCR	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	1SS4	1H0J		Sc=5.67172, min distance = 0.730101
Q81IL5_BACCR	127370	N2	ASTB_ECOLI	Fu	439968	N2	1YNI	2P8C	1YNH	0.92	Sc=6.21483, min distance = 2.165307
Q81K34_BACAN	11987635		ADH_DROLE	Fu	5893	nadi	1SBY	2C20	1B2L	0.76	Sc=6.86847, min distance = 1.719841
Q81K34_BACAN	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2C20	1UDB	0.79	Sc=6.80395, min distance = 2.430621
Q81K34_BACAN	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	2C20	1B15	0.76	Sc=6.84242, min distance = 1.694407
Q81K34_BACAN	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2C20	2FZE		Sc=6.66314, min distance = 1.968406
Q81K34_BACAN	449409	CI	GALE_ECOLI	Fu	5893	nadi	1UDC	2C20	2UDP		Sc=6.03532, min distance = 2.011996
Q81K34_BACAN	6031	Urid	GALE_ECOLI	Fu	5893	nadi	1UDC	2C20	1NAH		Sc=5.83741, min distance = 2.102612
Q81K34_BACAN	8629	UDP	GALE_ECOLI	Fu	5893	nadi	1UDC	2C20	1LRL		Sc=6.15766, min distance = 1.688279
Q81LX0_BACAN	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JCB	1P5E		Sc=5.71804, min distance = 1.590909
Q81LX0_BACAN	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JCB	1GZ8		Sc=6.14555, min distance = 2.456471
Q81LX0_BACAN	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JCB	1H0V		Sc=6.16353, min distance = 2.395591
Q81LX0_BACAN	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2JCB	1HIY	0.97	Sc=6.00714, min distance = 1.604709
Q81LX0_BACAN	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JCB	1E1V		Sc=6.0291, min distance = 2.4243007
Q81LX0_BACAN	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2JCB	1H1R		Sc=6.02813, min distance = 2.271458
Q81LX0_BACAN	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	2JCB	2Z02	0.99	Sc=6.02483, min distance = 1.395768
Q81LX0_BACAN	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	2JCB	2PO2		Sc=5.90027, min distance = 1.462132
Q81LX0_BACAN	65051	ddT	NDKC_DICDI	Fu	6022	Aden	1KDN	2JCB	1F3F		Sc=6.43599, min distance = 1.472634
Q82500_9INFA	101798	Me	MBL1_RAT	Full	82313	1rd	1KWV	1RV0	1KWU		Sc=5.74414, min distance = 1.387454
Q82500_9INFA	444863	is	MBL1_RAT	Full	82313	1rd	1KWV	1RV0	1KWX		Sc=5.62522, min distance = 1.864652
Q82500_9INFA	445692	CI	CARP_YEAST	Fu	82313	1rd	1FMU	1RV0	1FQ5		Sc=5.89879, min distance = 0.876759
Q82UW4_NITEU	3713	Indo	TRPA_THET2	Fu	311	citri	1UJP	2A6C	1WXJ		Sc=5.97033, min distance = 2.117606
Q82UW4_NITEU	447532	1c	SRC_HUMAN	Fu	311	citri	1O4L	2A6C	1O4H		Sc=5.92061, min distance = 2.584708
Q82UW4_NITEU	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	2A6C	1YBA	0.76	Sc=5.62282, min distance = 1.306324
Q836H1_ENTFA	23624247		WRBA_ECOLI	Fu	62551	Pen	3B6K	2AZW	3B6I		Sc=5.70013, min distance = 2.085959
Q836T6_ENTFA	162636	1f	UROK_HUMAN	Fu	8200	TETR	2O8U	2HV2	1FV9		Sc=5.6966, min distance = 1.2992374
Q836T6_ENTFA	448610	1s	UROK_HUMAN	Fu	8200	TETR	2O8U	2HV2	1SQO		Sc=6.18464, min distance = 1.399880
Q836T6_ENTFA	449186	oc	OCTC_MOUSE	Fu	23831	HEP	1XL7	2HV2	1XL8		Sc=6.13904, min distance = 2.127069
Q836T6_ENTFA	854023	Ep	Q8WSF8_APLCA	1	23831	HEP	2BR7	2HV2	2BYQ		Sc=6.01204, min distance = 0.826434
Q837K0_ENTFA	100684	9-	RICI_RICCO	Fu	190	adeni	2P8N	2ICS	1IL4		Sc=5.63036, min distance = 2.946261
Q837K0_ENTFA	446312	1i	RICI_RICCO	Fu	190	adeni	2P8N	2ICS	1IL9		Sc=5.71068, min distance = 2.103131
Q83WG3_9ACTO	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2Z3U	1TWN		Sc=6.65823, min distance = 2.167301
Q83WG3_9ACTO	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	2Z3U	1TWR		Sc=6.6812, min distance = 2.0332031
Q83WG3_9ACTO	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	2Z3U	2CMM		Sc=6.30099, min distance = 2.661271
Q83WG3_9ACTO	11957385		MYG_PHYCA	Fu	444522	HE	1VXD	2Z3T	2CMM		Sc=6.30602, min distance = 2.166439
Q83WG3_9ACTO	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	2Z3U	2CI0	0.95	Sc=6.67558, min distance = 2.571728

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Q83WG3_9ACTO	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	2Z3U	1UE8	0.99	Sc=6.80007, min distance = 2.617821
Q83WG3_9ACTO	444207	He	PRXC_CALFU	Fu	444124	HE	2CPO	2Z3U	1CPO	0.99	Sc=6.809, min distance = 2.20196501
Q83WG3_9ACTO	446332	CI	MYG_PHYCA	Fu	444522	HE	1VXD	2Z3T	1IOP	0.79	Sc=6.69726, min distance = 1.933881
Q83WG3_9ACTO	446406	C2	MYG_PHYCA	Fu	444124	HE	1U7R	2Z3U	1J3F		Sc=6.39285, min distance = 2.442284
Q840M4_ECOLX	447026	NA	LYSC_CHICK	Fu	5988	sucr	1JJ0	1YLP	1LZG		Sc=5.89076, min distance = 2.105420
Q84BR0_THETH	16758212		GSK3B_HUMAN	Fu	6022	Aden	1J1C	1UC9	2O5K		Sc=6.44892, min distance = 1.973411
Q84BR0_THETH	188966	da	HSLU_ECOLI	Fu	6022	Aden	1HQY	1UC9	1G4A	0.98	Sc=5.80262, min distance = 2.052401
Q84BR0_THETH	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1UC9	1ZTF	0.95	Sc=5.79363, min distance = 2.509174
Q84BR0_THETH	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UC9	2BTS		Sc=5.86066, min distance = 1.985580
Q84BR0_THETH	5957	Ader	HSP7F_YEAST	Fu	6022	Aden	3C7N	1UC9	3D2F	0.99	Sc=5.75578, min distance = 2.006079
Q84BR0_THETH	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1UC9	1W7A	0.99	Sc=5.8355, min distance = 2.3302901
Q84BR0_THETH	6083	ader	HSP71_HUMAN	Fu	6022	Aden	1S3X	1UC9	1XQS	0.99	Sc=6.28955, min distance = 2.003678
Q84BR0_THETH	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UC9	2VTJ		Sc=5.84904, min distance = 2.359176
Q84EX5_LACBR	3080718	C	NNTM_HUMAN	Fu	5886	NADF	1DJL	1ZK4	1PT9	0.9	Sc=6.3787, min distance = 1.8701502
Q84EX5_LACBR	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1ZK4	1QYW		Sc=5.66031, min distance = 2.438619
Q84HQ2_BIFAD	24139	ace	LYSC_CHICK	Fu	5988	sucr	1JJ0	2GDU	1LZB		Sc=5.97902, min distance = 2.184889
Q84HQ2_BIFAD	447026	NA	LYSC_CHICK	Fu	5988	sucr	1JJ0	2GDU	1LZG		Sc=5.98457, min distance = 2.182046
Q84HQ2_BIFAD	6251	D-ma	TRFL_BOVIN	Fu	5988	sucr	2DVC	2GDU	2Q8J		Sc=5.86664, min distance = 2.108836
Q86M7_9ECHN	439357	ga	ELBP_ECOLX	Fu	84265	1ax	1LTI	2Z48	1DJR		Sc=6.04957, min distance = 0.656787
Q86M7_9ECHN	444863	is	MBL1_RAT	Full	440552	1b	1AFB	2Z48	1KWX		Sc=5.7534, min distance = 1.5562501
Q86M7_9ECHN	445579	BA	ELBP_ECOLX	Fu	84265	1ax	1LTI	2Z48	1FD7		Sc=5.89774, min distance = 0.940811
Q86M7_9ECHN	6305	L-tr	TETX_CLOTE	Fu	84265	1ax	1D0H	2Z48	1YXW		Sc=5.84626, min distance = 1.804369
Q86M7_9ECHN	6927060	Z	HYS_A_STRPN	Fu	440552	1b	1OJM	2Z48	1F9G		Sc=5.87651, min distance = 0.766369
Q86M7_9ECHN	79025	alg	LECG_ARAHY	Fu	440552	1b	2TEP	2Z48	1V6I		Sc=5.77102, min distance = 2.270364
Q86C09_9TRYP	1195	isog	FPPS_HUMAN	Fu	130956	Mi	3B7L	2EWG	1ZW5	37.65	Sc=5.73246, min distance = 1.557160
Q86C09_9TRYP	2088	aler	FPPS_HUMAN	Fu	130956	Mi	3B7L	2EWG	2F92	37.65	Sc=5.74513, min distance = 2.159206
Q86C09_9TRYP	24764446		FPPS_HUMAN	Fu	16750060	2OPN		2OGD	3CP6	37.65	Sc=6.05557, min distance = 2.078540
Q86C09_9TRYP	4674	pami	FPPS_HUMAN	Fu	130956	Mi	3B7L	2EWG	2F89	37.65	Sc=5.63926, min distance = 2.412461
Q86C09_9TRYP	5245	Rise	FPPS_HUMAN	Fu	130956	Mi	3B7L	2EWG	2QIS	37.65	Sc=6.03994, min distance = 2.377158
Q86C09_9TRYP	68740	Zol	FPPS_HUMAN	Fu	130956	Mi	3B7L	2EWG	2F9K	37.65	Sc=5.85519, min distance = 2.329512
Q86C09_9TRYP	68740	Zol	GGPPS_YEAST	Fu	130956	Mi	2E92	2EWG	2E91		Sc=5.86305, min distance = 1.584134
Q86MV5_9TRYP	160617	Or	PYR5_HUMAN	Fu	6030	Urid	2V30	2B56	2QCL	0.86	Sc=5.60557, min distance = 1.887872
Q86MV5_9TRYP	6131	cyti	UCK2_HUMAN	Fu	6133	urid	1UEI	2B56	1UJ2	0.82	Sc=6.16634, min distance = 2.319348
Q86MV5_9TRYP	65063	dUM	PYR5_HUMAN	Fu	6030	Urid	2V30	2B56	2QCH	0.97	Sc=6.13456, min distance = 2.288836
Q86MV5_9TRYP	6830	guar	Q381M1_9TRYP	I	6133	urid	2IKF	2B56	2Q0E		Sc=5.94617, min distance = 2.305982
Q86PR3_AEDAE	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1PZ4	1BSO	0.83	Sc=5.81956, min distance = 2.745186
Q873X9_ASPFU	119404	Ma	Q54276_SERMA	I	445246	N-	1E6R	2A3E	1W1Y	28.95	Sc=6.36143, min distance = 0.723681

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Q873X9_ASPFU	119404 Ma	Q54276_SERMA	1	445247	CI	1E6R	2A3E	1W1Y	28.95	Sc=6.20222, min distance = 2.38896
Q873X9_ASPFU	126154 Cy	Q54276_SERMA	1	445247	CI	1E6R	2A3E	1W1P	28.95	Sc=5.7466, min distance = 2.063300
Q874E9_9TREE	444305 L	Q3XZW8_ENTFC	1	311	citri	2JFV	2CZQ	2JFW		Sc=5.64969, min distance = 2.01301
Q88H32_PSEPK	5893 nadi	ADH1E_HORSE	F	439153	Di	2JHF	1X7D	1MGO	0.79	Sc=6.76756, min distance = 2.13555
Q88N37_PSEPK	446966 [2	A2NHM3_MOUSE	1	311	citri	1ZEA	1RE5	1LO2		Sc=6.02396, min distance = 2.48452
Q88N37_PSEPK	5326566 1	Q9WZW1_THEMA	1	311	citri	1MRZ	1RE5	1S4M		Sc=5.85885, min distance = 2.29591
Q88NF7_PSEPK	16741044	PYRDA_LACLC	F	444243	FA	1JUB	2H8Z	1JRB		Sc=5.86192, min distance = 2.62325
Q88NF7_PSEPK	446995 FM	CYB2_YEAST	Fu	444243	FA	1KBI	2H8Z	1LTD	0.77	Sc=6.15682, min distance = 2.32197
Q88NF7_PSEPK	448076 CI	CYB2_YEAST	Fu	444243	FA	1KBI	2H8Z	1SZG	0.76	Sc=5.87205, min distance = 2.11154
Q8A013_BACTN	16214827	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	2UZN		Sc=5.91558, min distance = 1.72442
Q8A013_BACTN	445940 O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	1GZ8		Sc=6.05197, min distance = 2.48062
Q8A013_BACTN	445966 O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	1H0V		Sc=5.82243, min distance = 2.57229
Q8A013_BACTN	447962 1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	2C5N		Sc=5.95277, min distance = 1.62664
Q8A013_BACTN	5288641 i	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	1E9H		Sc=6.1705, min distance = 1.234005
Q8A013_BACTN	5327097 2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	2BTS		Sc=5.82133, min distance = 1.54199
Q8A013_BACTN	5327124	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	2C4G		Sc=6.07794, min distance = 0.86986
Q8A013_BACTN	5957 Ader	Y059_METJA	Fu	6022	Aden	2J9D	2Q14	2J9C	0.99	Sc=5.70329, min distance = 2.09118
Q8A013_BACTN	6852187 2	O57883_PYRHO	1	6022	Aden	1WNL	2Q14	2DTH	0.89	Sc=5.85736, min distance = 2.21560
Q8A013_BACTN	9926933 i	CDK2_HUMAN	Fu	6022	Aden	1GY3	2Q14	2VTI		Sc=5.94231, min distance = 1.85875
Q8AAK6_BACTN	3758 IBMX	PDE4D_HUMAN	F	125132	Bi	1TB7	2JE8	1ZKN		Sc=6.0041, min distance = 2.005343
Q8AYM0_THUTH	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	1V4X	2CMM	24.66	Sc=6.09299, min distance = 2.54666
Q8AYM1_THUTH	11957385	MYG_PHYCA	Fu	444098	HE	1A6M	1V4X	2CMM		Sc=6.07504, min distance = 2.47138
Q8DG54_THEEB	588715 Ir	1A02_HUMAN	Fu	8172	Trig	2PYE	2C41	2GJ6		Sc=5.66462, min distance = 1.67876
Q8DMN3_THEEB	444243 FA	Q9WZW1_THEMA	1	444658	2a	1T6Z	1X0P	1T6Y	0.97	Sc=6.15992, min distance = 1.80141
Q8DMN3_THEEB	5326566 1	Q9HPW4_HALSA	1	444658	2a	2CCB	1X0P	2CC6	0.85	Sc=6.28617, min distance = 2.96948
Q8DMN3_THEEB	6323394 C	RIB4_SCHPO	Fu	444658	2a	1KYV	1X0P	2A59		Sc=5.84153, min distance = 2.10251
Q8DQ16_STRR6	188350 5	MTAP_HUMAN	Fu	446609	1y	1K27	1ZOS	1SD2		Sc=6.30309, min distance = 2.06186
Q8DQ16_STRR6	439176 Me	MTAP_HUMAN	Fu	446609	1y	1K27	1ZOS	1CG6		Sc=6.33521, min distance = 2.44156
Q8DQ16_STRR6	656970 MT	MTNN_ECOLI	Fu	446609	1y	1Y6R	1ZOS	1Y6Q	0.89	Sc=6.32448, min distance = 2.39534
Q8DSE5_STRMU	119119 Di	DPOLB_HUMAN	F	65091	dCT	1MQ3	2HVW	2FMP	0.93	Sc=6.12669, min distance = 2.80924
Q8DSE5_STRMU	13945 Dec	Q93IG4_MYCMS	1	65091	dCT	2JAQ	2HVW	2JAT	0.97	Sc=6.11344, min distance = 2.29093
Q8DSE5_STRMU	15993 dAT	DPO42_SULSO	F	65091	dCT	2ASD	2HVW	2AGQ		Sc=5.69152, min distance = 2.02724
Q8DSE5_STRMU	15993 dAT	NRDD_BPT4	Fu	65091	dCT	1H78	2HVW	1H7A		Sc=5.84538, min distance = 2.25401
Q8DSE5_STRMU	64968 dTT	DPO42_SULSO	F	65091	dCT	2ASD	2HVW	1S00	0.75	Sc=5.63665, min distance = 2.69425
Q8DSE5_STRMU	64968 dTT	NRDD_BPT4	Fu	65091	dCT	1H78	2HVW	1H79	0.75	Sc=5.87545, min distance = 2.44596
Q8DUC1_STRMU	12136 Ber	POL_HV1N5	Fu	311	citri	2GON	2HJ0	9HVP		Sc=5.67658, min distance = 0.81136
Q8DUC1_STRMU	439459 Hc	NIFD_KLEPN	Fu	311	citri	1H1L	2HJ0	1QGU	0.92	Sc=6.00128, min distance = 2.18623

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Q8DUC1_STRMU	439459	Hd	NIFK_KLEPN	Fu	311 citri	1H1L	2HJ0	1QGU	0.92	Sc=6.01015, min distance = 2.189382
Q8DUC1_STRMU	447534	IS	SRC_HUMAN	Fu	311 citri	1O4L	2HJ0	1O4J		Sc=5.92766, min distance = 2.815437
Q8DUC1_STRMU	51	2-Oxop	SERA_ECOLI	Fu	311 citri	2P9E	2HJ0	1YBA	0.76	Sc=5.73619, min distance = 1.671798
Q8DUC1_STRMU	93072	Ure	PYRB_ECOLI	Fu	311 citri	1R0B	2HJ0	1R0C		Sc=5.95761, min distance = 0.638070
Q8DY32_STRAS	37792	gar	TGM3_HUMAN	Fu	8977 1dar	1VJJ	2OGI	1RLE	0.99	Sc=6.0196, min distance = 1.9494622
Q8DY32_STRAS	445463	B-	TGM3_HUMAN	Fu	8977 1dar	1VJJ	2OGI	1L9N		Sc=6.11735, min distance = 2.191492
Q8DY32_STRAS	447979	5G	KGUA_ECOLI	Fu	8977 1dar	2AN9	2OGI	2ANB		Sc=5.85406, min distance = 2.075486
Q8DY32_STRAS	6022	Ader	PARM_ECOLX	Fu	8977 1dar	2ZGY	2OGI	1MWM	0.8	Sc=5.93974, min distance = 2.419974
Q8DY32_STRAS	6804	guar	DPOL_BPR69	Fu	8977 1dar	1CLQ	2OGI	1WAJ	0.99	Sc=5.85442, min distance = 2.088235
Q8DY32_STRAS	6804	guar	EF1A_YEAST	Fu	8977 1dar	2B7B	2OGI	1G7C	0.99	Sc=5.82063, min distance = 2.391515
Q8DY32_STRAS	8582	Inos	PURA1_MOUSE	Fu	8977 1dar	1LON	2OGI	1IWE	0.99	Sc=6.47815, min distance = 1.152984
Q8EEC8_SHEON	16741044		PYRDA_LALCL	Fu	444243 FA	1JUB	2GOU	1JRB		Sc=6.19616, min distance = 2.448181
Q8EEC8_SHEON	446995	FM	CYB2_YEAST	Fu	444243 FA	1KBI	2GOU	1LTD	0.77	Sc=6.19261, min distance = 2.378208
Q8EEC8_SHEON	448076	CI	CYB2_YEAST	Fu	444243 FA	1KBI	2GOU	1SZG	0.76	Sc=6.20107, min distance = 2.192150
Q8EIU4_SHEON	11957353		HBB_HORSE	Fu	444098 HE	2D5X	2IIZ	1IWH	0.83	Sc=6.72898, min distance = 2.006260
Q8EIU4_SHEON	11957355		CY1_BOVIN	Fu	444098 HE	1LON	2IIZ	1L0L	0.77	Sc=6.76743, min distance = 1.974724
Q8EIU4_SHEON	11957385		MYG_PHYCA	Fu	444098 HE	1A6M	2IIZ	2CMM		Sc=6.1963, min distance = 2.4169124
Q8EIU4_SHEON	16741061		MYG_PHYCA	Fu	444098 HE	1A6M	2IIZ	1MBC	0.83	Sc=6.74553, min distance = 2.068027
Q8EIU4_SHEON	4369122	G	GLB1_LUCPE	Fu	444098 HE	1FLP	2IIZ	1B0B	0.96	Sc=6.7479, min distance = 2.2529920
Q8F8Y3_LEPIN	188380	Ad	MCES_ENCCU	Fu	439155 Ad	1R11	2HNK	1Z3C	0.91	Sc=6.58253, min distance = 2.124901
Q8F8Y3_LEPIN	446535	CI	HNMT_HUMAN	Fu	439155 Ad	2AOT	2HNK	1JQE	0.95	Sc=6.551, min distance = 2.36006311
Q8F8Y3_LEPIN	60961	ade	PIMT_PYRFU	Fu	439155 Ad	1JG1	2HNK	1JG2	0.84	Sc=6.30787, min distance = 3.032111
Q8F8Y3_LEPIN	65482	sir	ERM_BACSU	Fu	439155 Ad	1QAN	2HNK	1QAQ	0.88	Sc=6.59138, min distance = 2.231550
Q8F8Y3_LEPIN	65482	sir	MCES_ENCCU	Fu	439155 Ad	1R11	2HNK	2HV9	0.88	Sc=6.58201, min distance = 2.409044
Q8F8Y3_LEPIN	65482	sir	PRMA_THET8	Fu	439155 Ad	3EGV	2HNK	2ZBR	0.88	Sc=6.59241, min distance = 2.379047
Q8G9L3_RHOOP	66644	Sal	PER_ARTRA	Fu	10313 N-H	1HSR	2BOY	1CK6	0.76	Sc=5.85789, min distance = 2.150170
Q8GAX0_THITH	11005	Tet	ALBU_HUMAN	Fu	311 citri	1TF0	2D4V	1N5U		Sc=5.83475, min distance = 1.711205
Q8GAX0_THITH	11869260		DGAL_ECOLI	Fu	311 citri	2FW0	2D4V	2QW1		Sc=5.62959, min distance = 2.525431
Q8GAX0_THITH	16750041		PYRB_ECOLI	Fu	311 citri	1R0B	2D4V	2IPO		Sc=6.05392, min distance = 2.121751
Q8GAX0_THITH	25023707		DNLJ_ENTFA	Fu	5893 nadi	1TAE	2D4V	3BAB		Sc=6.03953, min distance = 2.004037
Q8GAX0_THITH	439183	1i	TPIS_TRYBB	Fu	311 citri	2VEK	2D4V	1IIH		Sc=5.61992, min distance = 1.496281
Q8GAX0_THITH	444212	tr	ACON_BOVIN	Fu	311 citri	1C96	2D4V	1ACO		Sc=5.7785, min distance = 2.0106939
Q8GAX0_THITH	445607	AT	ACON_BOVIN	Fu	311 citri	1C96	2D4V	1FGH		Sc=5.82558, min distance = 2.103609
Q8GAX0_THITH	6961	PYRC	FUMC_ECOLI	Fu	311 citri	1FUO	2D4V	1FUP		Sc=6.17737, min distance = 2.095199
Q8GAX0_THITH	8778	Laur	CTXA3_NAJAT	Fu	311 citri	1XT3	2D4V	1H0J		Sc=5.72847, min distance = 0.830202
Q8GIP9_STRSU	5893	nadi	GALE_ECOLI	Fu	439153 Di	1UDB	1OC2	1UDC	0.79	Sc=6.78884, min distance = 2.365824
Q8GR61_GLUOX	15942690		INHA_MYCTU	Fu	5893 nadi	2H7I	1ZEM	2NTJ		Sc=6.14115, min distance = 1.954257

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Q8GR61_GLUOX	439153	D	GALE_ECOLI	Fu	5893	nadi	1UDC	1ZEM	1UDB	0.79	Sc=6.30605, min distance = 2.581962
Q8GR61_GLUOX	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1ZEM	2NV6	0.93	Sc=6.39979, min distance = 2.112579
Q8GR64_PSEPU	11987682		DHM1_METME	Fu	5326460	F	2AD8	1KV9	2AD6	0.83	Sc=6.55968, min distance = 2.386224
Q8GR64_PSEPU	164795	N	RBCMT_PEA	Fu	23831	HEF	1MLV	1KV9	2H2J		Sc=5.65264, min distance = 2.650267
Q8GR64_PSEPU	854023	Ep	Q8WSF8_APLCA	I	23831	HEF	2BR7	1KV9	2BYQ		Sc=5.81483, min distance = 1.247729
Q8GSD2_PTEAG	151504	D	CONA_CANEN	Fu	101798	Me	5CNA	1S1A	1I3H		Sc=5.82145, min distance = 0.746392
Q8GSD2_PTEAG	151504	D	CVN_NOSEL	Fu	185698	a1	2RDK	1S1A	2PYS		Sc=5.75163, min distance = 2.475779
Q8GSD2_PTEAG	16741013		CARP_YEAST	Fu	185698	a1	1DPJ	1S1A	1FQ6		Sc=5.66326, min distance = 2.092649
Q8GSD2_PTEAG	16741034		Q9XEI3_HORVD	I	185698	a1	1X38	1S1A	1IEV	0.82	Sc=5.69574, min distance = 2.631101
Q8GSD2_PTEAG	445184	1	Q6P5R5_HUMAN	I	185698	a1	1OP3	1S1A	1ZLW	0.89	Sc=5.72381, min distance = 2.653766
Q8GSD2_PTEAG	445184	1	Q6PYX1_HUMAN	I	185698	a1	1ZLS	1S1A	1ZLW	0.89	Sc=5.75684, min distance = 2.113400
Q8GSD2_PTEAG	446972	Mu	LEC1_LATOC	Fu	185698	a1	1LOG	1S1A	1LOD		Sc=6.07699, min distance = 2.389032
Q8GSD2_PTEAG	446972	Mu	LECB_LATOC	Fu	185698	a1	1LOG	1S1A	1LOD		Sc=6.07266, min distance = 2.406539
Q8GSD2_PTEAG	64947	alg	LEC1_LATOC	Fu	185698	a1	1LOG	1S1A	1LOA	0.94	Sc=5.82581, min distance = 2.353211
Q8GZD5_9ROSI	445948	D	Q9HYN5_PSEAE	I	64689	bet	1W8F	1UMZ	1OXC		Sc=5.85704, min distance = 0.574120
Q8GZD5_9ROSI	445999	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	1UMZ	1OC7	0.77	Sc=5.61221, min distance = 1.866719
Q8GZD5_9ROSI	446220	cc	Q5XKG4_MOUSE	I	439353	be	1UZ8	1UMZ	1Q72		Sc=5.87839, min distance = 1.878118
Q8GZD5_9ROSI	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	1UMZ	1UP2		Sc=5.74009, min distance = 1.291871
Q8GZD5_9ROSI	6102754	2	Q9HYN5_PSEAE	I	64689	bet	1W8F	1UMZ	2BOJ	0.88	Sc=5.72207, min distance = 0.520789
Q8I2M1_PLAF7	164795	N	RBCMT_PEA	Fu	23831	HEF	1MLV	1Z6G	2H2J		Sc=5.73948, min distance = 2.019612
Q8I2M1_PLAF7	5962	L-ly	RBCMT_PEA	Fu	23831	HEF	1MLV	1Z6G	2H2E		Sc=5.64592, min distance = 2.423039
Q8I2M1_PLAF7	854023	Ep	Q8WSF8_APLCA	I	23831	HEF	2BR7	1Z6G	2BYQ		Sc=5.8025, min distance = 0.6849881
Q8I3X4_PLAF7	122671	9-	PNPH_BOVIN	Fu	444499	Fc	1B8O	1NW4	1A9P	0.89	Sc=6.3107, min distance = 2.7042960
Q8I3X4_PLAF7	2022	acyc	PNPH_HUMAN	Fu	444499	Fc	1RT9	1NW4	1PWY		Sc=6.08523, min distance = 2.424161
Q8I3X4_PLAF7	23190	Dea	Q9GPQ4_TRYVI	I	6021	inos	1KIC	2BSX	1HP0		Sc=6.20975, min distance = 2.582989
Q8I3X4_PLAF7	444498	in	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	1B8N		Sc=5.90772, min distance = 2.584701
Q8I3X4_PLAF7	446728	CI	Q9GPQ4_TRYVI	I	444499	Fc	2FF1	1NW4	1KIE		Sc=6.26619, min distance = 2.356991
Q8I3X4_PLAF7	446728	CI	Q9GPQ4_TRYVI	I	6021	inos	1KIC	2BSX	1KIE		Sc=6.21246, min distance = 2.441604
Q8I3X4_PLAF7	447001	11	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	1LVU		Sc=6.28746, min distance = 1.969291
Q8I3X4_PLAF7	50599	dic	PNPH_HUMAN	Fu	444499	Fc	1RT9	1NW4	1V3Q		Sc=6.13759, min distance = 2.849292
Q8I3X4_PLAF7	5078682	C	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	2QPL		Sc=5.84152, min distance = 2.160241
Q8I3X4_PLAF7	6802	guar	PNPH_HUMAN	Fu	444499	Fc	1RT9	1NW4	1RFG		Sc=6.33741, min distance = 2.615386
Q8I3X4_PLAF7	6802	guar	PNPH_HUMAN	Fu	6021	inos	1RCT	2BSX	1RFG	0.99	Sc=6.30932, min distance = 2.810848
Q8I3X4_PLAF7	764	guani	PNPH_HUMAN	Fu	444499	Fc	1RT9	1NW4	1V2H		Sc=5.82456, min distance = 2.499277
Q8I3X4_PLAF7	764	guani	PNPH_HUMAN	Fu	6021	inos	1RCT	2BSX	1V2H		Sc=5.77739, min distance = 3.077194
Q8I3X4_PLAF7	8646	Guar	PNPH_HUMAN	Fu	444499	Fc	1RT9	1NW4	1V41		Sc=5.80864, min distance = 2.253067
Q8I3X4_PLAF7	8646	Guar	PNPH_HUMAN	Fu	6021	inos	1RCT	2BSX	1V41		Sc=5.75149, min distance = 2.716620

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Q8IEL9_PLAF7	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2PLW	1H1D	0.92	Sc=6.5628, min distance = 2.7491216
Q8IFJ9_RIFPA	11957353		HBA_HORSE	Ful	444124	HE	1Y8I	1YHU	1IWH	0.87	Sc=6.6039, min distance = 2.0806484
Q8IFJ9_RIFPA	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1YHU	1TWR		Sc=6.44179, min distance = 1.819970
Q8IFJ9_RIFPA	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1YHU	2CMM		Sc=5.89717, min distance = 2.281135
Q8IFJ9_RIFPA	444207	He	HBB_HORSE	Ful	444124	HE	1Y8I	1YHU	2ZLW	0.99	Sc=6.60064, min distance = 2.025020
Q8IFJ9_RIFPA	444207	He	PRXC_CALFU	Fu	444124	HE	2CPO	1YHU	1CPO	0.99	Sc=6.58549, min distance = 2.133560
Q8IFJ9_RIFPA	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	1YHU	1I3D	0.89	Sc=6.60282, min distance = 1.842246
Q8II73_PLAF7	24250	Oct	FMS1_YEAST	Fu	1102	sper	3CN8	2PWP	3BI5		Sc=5.70563, min distance = 0.392062
Q8II73_PLAF7	656970	MT	MTNN_ECOLI	Fu	439176	Me	1Z5O	2HTE	1Y6Q		Sc=6.3278, min distance = 1.5219047
Q8IKK7_PLAF7	15942665		INHA_MYCTU	Fu	5893	nadi	2H7I	2B4R	2H9I	0.88	Sc=6.41376, min distance = 1.803466
Q8IKK7_PLAF7	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2B4R	1UDB	0.79	Sc=6.73957, min distance = 1.834566
Q8IKK7_PLAF7	439153	Di	Q9BJJ9_PLAFA	I	5893	nadi	1UH5	2B4R	1V35	0.79	Sc=6.74693, min distance = 1.872415
Q8IKK7_PLAF7	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2B4R	2FZE		Sc=5.65502, min distance = 2.061454
Q8IKK7_PLAF7	446050	CI	G3P_HUMAN	Ful	5893	nadi	1U8F	2B4R	3GPD	0.95	Sc=6.77514, min distance = 1.826622
Q8IKK7_PLAF7	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	2B4R	1IHX		Sc=6.30706, min distance = 2.026210
Q8IKK7_PLAF7	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	2B4R	2NV6	0.93	Sc=6.39721, min distance = 2.004430
Q8IKK7_PLAF7	6022	Ader	Q5SI02_THET8	I	5893	nadi	2BJK	2B4R	2BJA		Sc=6.27138, min distance = 2.502616
Q8J0D2_9ASCO	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	2EBS	1FQ7		Sc=5.63307, min distance = 2.027049
Q8J0D2_9ASCO	29435	1-I	CDGT_BACSO	Fu	64689	bet	1UKS	2EBS	1I75		Sc=5.84332, min distance = 2.022326
Q8J0D2_9ASCO	444809	Th	GUN2_THEFU	Fu	64689	bet	2BOF	2EBS	2BOG	0.78	Sc=5.77993, min distance = 0.974590
Q8J0D2_9ASCO	445237	1,	AMY1_HORVU	Fu	64689	bet	1RP9	2EBS	1P6W	0.77	Sc=5.82491, min distance = 0.635510
Q8J0D2_9ASCO	445999	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	2EBS	1OC7	0.77	Sc=5.78694, min distance = 0.969016
Q8J0D2_9ASCO	445999	CI	Q79G13_MYCTU	I	64689	bet	1UP0	2EBS	1UOZ	0.77	Sc=5.69038, min distance = 0.652884
Q8J0D2_9ASCO	447607	1c	GUN5_BACAG	Fu	64689	bet	1W3L	2EBS	1OCQ		Sc=5.73598, min distance = 0.856020
Q8J0D2_9ASCO	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2EBS	1UP2		Sc=5.75684, min distance = 0.631495
Q8J0D2_9ASCO	5327083	C	GUN2_THEFU	Fu	64689	bet	2BOF	2EBS	2BOD		Sc=5.77823, min distance = 0.968129
Q8J0D2_9ASCO	82313	1rc	Q9HYN5_PSEAE	I	64689	bet	1W8F	2EBS	1W8H		Sc=5.98919, min distance = 1.673942
Q8J307_METMP	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1WB3	1CLU	0.99	Sc=6.1964, min distance = 2.0761610
Q8J307_METMP	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1WB3	1GNP		Sc=5.82151, min distance = 2.267484
Q8J307_METMP	6022	Ader	PARM_ECOLX	Fu	36735	Gpp	2ZGZ	1WB3	1MWM	0.79	Sc=6.41376, min distance = 2.264598
Q8J307_METMP	6022	Ader	PARM_ECOLX	Fu	8977	1dar	2ZGY	1WB1	1MWM	0.8	Sc=6.02534, min distance = 1.849009
Q8J307_METMP	93082	Gak	EFG_THETH	Ful	8977	1dar	2BM0	1WB1	2J7K	0.99	Sc=6.03831, min distance = 2.157990
Q8J307_METMP	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1WB3	1RJ9	0.99	Sc=6.54152, min distance = 1.910558
Q8J307_METMP	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1WB3	121P	0.99	Sc=6.2028, min distance = 2.1111657
Q8KES3_CHLTE	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2BD0	2IZ1		Sc=6.29104, min distance = 2.086195
Q8KES3_CHLTE	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2BD0	1E7Y		Sc=6.46179, min distance = 2.023247
Q8KGE0_CHLTE	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	1X1A	1EG2	0.91	Sc=6.24607, min distance = 2.504930

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Q8KGE0_CHLTE	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1X1B	1JQE	0.95	Sc=6.50107, min distance = 2.385255
Q8KGE0_CHLTE	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1X1B	1JG2	0.84	Sc=6.25591, min distance = 2.643418
Q8KGE0_CHLTE	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	1X1B	1QAQ	0.88	Sc=6.54269, min distance = 2.343157
Q8KGE0_CHLTE	65482	sir	MCES_ENCCU	Fu	439155	Ad	1R11	1X1B	2HV9	0.88	Sc=6.53495, min distance = 2.529151
Q8KHZ8_NOCAE	159961	Le	SAHH_RAT	Full	60961	ade	1D4F	20A1	1K0U	0.84	Sc=6.20603, min distance = 2.196571
Q8KHZ8_NOCAE	447864	2	DEOD_ECOLI	Fu	60961	ade	1PK7	20A1	1PKE	0.96	Sc=6.23615, min distance = 0.998157
Q8KHZ8_NOCAE	5962	L-ly	THER_BACTH	Fu	6305	L-tr	1THL	2E4G	1KEI		Sc=5.74975, min distance = 2.150594
Q8KHZ8_NOCAE	6021	inos	TMPC_TREPA	Fu	60961	ade	2FQY	20A1	2FQW	0.79	Sc=6.25226, min distance = 2.437278
Q8KHZ8_NOCAE	6057	L-ty	CHMU_YEAST	Fu	6305	L-tr	5CSM	2E4G	4CSM		Sc=6.00072, min distance = 1.982911
Q8KHZ8_NOCAE	6083	ader	SYQ_ECOLI	Fu	60961	ade	100B	20A1	1ZJW	0.96	Sc=6.33495, min distance = 2.255386
Q8KHZ8_NOCAE	6140	L-ph	APX_STRGR	Fu	6305	L-tr	1TF8	2E4G	1F2P		Sc=6.00501, min distance = 0.844541
Q8KHZ8_NOCAE	6140	L-ph	THER_BACTH	Fu	6305	L-tr	1THL	2E4G	10S0		Sc=5.85141, min distance = 2.219445
Q8KHZ8_NOCAE	6802	guar	A5KE01_PLAVI	Fu	60961	ade	2PGF	20A1	2QVN	0.79	Sc=6.31685, min distance = 2.321722
Q8KHZ8_NOCAE	6802	guar	TMPC_TREPA	Fu	60961	ade	2FQY	20A1	2FQX	0.79	Sc=6.30932, min distance = 2.448406
Q8KHZ8_NOCAE	8975	2-Fl	SAHH_MYCTU	Fu	60961	ade	3CE6	20A1	2ZJ0	0.99	Sc=6.27292, min distance = 1.787738
Q8KHZ8_NOCAE	9570	6-Me	DEOD_ECOLI	Fu	60961	ade	1PK7	20A1	1PR4	0.88	Sc=6.28095, min distance = 1.938231
Q8KHZ8_NOCAE	97184	6-M	DEOD_ECOLI	Fu	60961	ade	1PK7	20A1	10VG	0.9	Sc=6.19686, min distance = 1.818791
Q8KHZ8_NOCAE	9842606	2	ADK_HUMAN	Fu	60961	ade	1BX4	20A1	2I6A		Sc=6.16412, min distance = 2.370962
Q8KI25_NOCAE	444502	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	2R0C	1BWC	0.98	Sc=6.13795, min distance = 2.159747
Q8KI25_NOCAE	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	2R0C	1GXF	0.98	Sc=6.41008, min distance = 2.237287
Q8KN66_PSEAE	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	1SB8	1I3K	26.09	0.79 Sc=6.7945, min distance = 2.6753074
Q8KN66_PSEAE	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1SB8	1UDB	29.32	0.79 Sc=6.34629, min distance = 2.624076
Q8KN66_PSEAE	439153	Di	Q9BJJ9_PLAFA	Fu	5893	nadi	1UH5	1SB8	1V35	0.79	Sc=6.78688, min distance = 2.357040
Q8KN66_PSEAE	444428	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1SB8	1B16	0.77	Sc=6.84722, min distance = 1.924681
Q8KN66_PSEAE	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1SB8	2FZE		Sc=6.20684, min distance = 2.296302
Q8KN66_PSEAE	449409	CI	GALE_ECOLI	Fu	8629	UDP-	1LRL	1SB9	2UDP	29.32	Sc=6.49843, min distance = 2.140621
Q8KN66_PSEAE	6031	Uric	GALE_ECOLI	Fu	8629	UDP-	1LRL	1SB9	1NAH	29.32	0.89 Sc=5.86376, min distance = 2.267088
Q8LGR3_MORNI	151504	D-	CONA_CANEN	Fu	185698	al	1CVN	1XXR	1I3H		Sc=5.76396, min distance = 2.594317
Q8LPE0_CHLRE	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1N9L	1LTD	0.77	Sc=6.13645, min distance = 1.968849
Q8MPM3_LEIME	124687	1r	ODP1_ECOLI	Fu	1132	thia	1L8A	1R9J	1RP7	0.79	Sc=5.95531, min distance = 1.825980
Q8MPM3_LEIME	13294447		DCIP_AZOBR	Fu	1132	thia	2NXW	1R9J	2Q5Q		Sc=6.11617, min distance = 1.011237
Q8MPM3_LEIME	444421	CI	MDLC_PSEPU	Fu	1132	thia	1BFD	1R9J	2FWN	0.82	Sc=6.37109, min distance = 1.954218
Q8MPM3_LEIME	445886	CI	TKT1_YEAST	Fu	1132	thia	1TRK	1R9J	1GPU	0.91	Sc=5.71864, min distance = 2.377672
Q8MPM3_LEIME	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	1R9J	1TKA		Sc=6.3729, min distance = 2.4073362
Q8MPM3_LEIME	448722	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1R9J	1TKB	0.78	Sc=6.37953, min distance = 2.709906
Q8MPM3_LEIME	448723	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1R9J	1TKC	0.77	Sc=6.09103, min distance = 2.268120
Q8RBX6_THETN	11957363		HBA_HUMAN	Fu	444124	HE	1NQP	1U55	1RQA	0.81	Sc=6.66087, min distance = 1.864821

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Q8RBX6_THETN	11957364	HMOX1_HUMAN	Fu	444124	HE	1OZW	1U55	1S13	0.86	Sc=6.49883, min distance = 1.31800
Q8RBX6_THETN	11957371	HMOX1_HUMAN	Fu	444124	HE	1OZW	1U55	1TWR		Sc=6.52176, min distance = 1.84643
Q8RBX6_THETN	11957385	MYG_PHYCA	Ful	444124	HE	1U7R	1U55	2CMM		Sc=6.0605, min distance = 2.130189
Q8RBX6_THETN	444522	NOS3_BOVIN	Fu	444124	HE	1ZZS	1U55	2HX2	0.99	Sc=6.70795, min distance = 1.98038
Q8RLY5_LACHE	119182	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2A7Q	0.97	Sc=6.19469, min distance = 1.85269
Q8RLY5_LACHE	13711	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2NO1		Sc=5.9681, min distance = 2.385561
Q8RLY5_LACHE	159354	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2NO7		Sc=5.99243, min distance = 2.04831
Q8RLY5_LACHE	454194	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2NO9		Sc=5.82051, min distance = 2.52968
Q8RLY5_LACHE	60750	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2NO0		Sc=6.00563, min distance = 1.97162
Q8RLY5_LACHE	60825	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2NOA		Sc=5.80598, min distance = 2.39141
Q8RLY5_LACHE	60877	DCK_HUMAN	Ful	13730	dec	2ZI3	1S2G	2NO6		Sc=5.82993, min distance = 2.37035
Q8T8E9_9TRYP	18068	GALE_ECOLI	Fu	6031	Urid	1NAH	1GY8	1A9Z	0.89	Sc=5.89804, min distance = 2.15683
Q8T8E9_9TRYP	6030	O87988_BORBR	I	6031	Urid	2PZM	1GY8	2PZL	0.99	Sc=6.28746, min distance = 2.50507
Q8T8E9_9TRYP	6131	KCY_DICDI	Ful	6031	Urid	4UKD	1GY8	1QF9	0.82	Sc=6.27197, min distance = 2.05319
Q8T9Z7_PLAFA	23190	Q9GPQ4_TRYVI	I	6021	inos	1KIC	2BSX	1HP0		Sc=6.20975, min distance = 2.58298
Q8T9Z7_PLAFA	444498	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	1B8N		Sc=5.90772, min distance = 2.58470
Q8T9Z7_PLAFA	444499	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	1B80		Sc=6.32468, min distance = 2.55170
Q8T9Z7_PLAFA	444499	Q9GPQ4_TRYVI	I	6021	inos	1KIC	2BSX	2FF1		Sc=6.31286, min distance = 1.91034
Q8T9Z7_PLAFA	446728	Q9GPQ4_TRYVI	I	6021	inos	1KIC	2BSX	1KIE		Sc=6.21246, min distance = 2.44160
Q8T9Z7_PLAFA	447001	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	1LVU		Sc=6.28746, min distance = 1.96929
Q8T9Z7_PLAFA	5078682	PNPH_BOVIN	Fu	6021	inos	1A9S	2BSX	2QPL		Sc=5.84152, min distance = 2.16024
Q8T9Z7_PLAFA	6802	PNPH_HUMAN	Fu	6021	inos	1RCT	2BSX	1RFG	0.99	Sc=6.30932, min distance = 2.81084
Q8T9Z7_PLAFA	764	PNPH_HUMAN	Fu	6021	inos	1RCT	2BSX	1V2H		Sc=5.77739, min distance = 3.07719
Q8T9Z7_PLAFA	8646	PNPH_HUMAN	Fu	6021	inos	1RCT	2BSX	1V41		Sc=5.75149, min distance = 2.71662
Q8U1K9_PYRFU	16740985	FRDA_SHEFR	Fu	444188	CI	1M64	1XHC	1E39	0.93	Sc=6.4354, min distance = 2.442968
Q8U1K9_PYRFU	444502	FRDA_SHEFR	Fu	444188	CI	1M64	1XHC	1QJD	0.98	Sc=6.43576, min distance = 2.38258
Q8U1K9_PYRFU	444502	TYTR_TRYCR	Fu	444188	CI	1BZL	1XHC	1GXF	0.98	Sc=6.44184, min distance = 2.04408
Q8U1K9_PYRFU	448054	FRDA_SHEFR	Fu	444188	CI	1M64	1XHC	1Y0P	0.97	Sc=6.43459, min distance = 2.47755
Q8U306_PYRFU	11957393	FAK1_HUMAN	Fu	6022	Aden	1MP8	1YQT	2ETM		Sc=6.04905, min distance = 2.63798
Q8U306_PYRFU	11957417	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	2I40		Sc=6.26449, min distance = 1.68953
Q8U306_PYRFU	16214823	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	2UZB		Sc=5.99345, min distance = 2.06134
Q8U306_PYRFU	16214825	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	2UZE		Sc=6.16441, min distance = 2.34429
Q8U306_PYRFU	16214826	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	2UZL		Sc=6.02378, min distance = 2.38590
Q8U306_PYRFU	23727982	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	3BHU		Sc=6.12054, min distance = 1.82357
Q8U306_PYRFU	3543	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	1G5S		Sc=6.21294, min distance = 2.26257
Q8U306_PYRFU	398148	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	1E1X		Sc=5.78226, min distance = 2.09595
Q8U306_PYRFU	445940	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	1GZ8		Sc=5.99526, min distance = 1.76942

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Q8U306_PYRFU	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	1YQT	1HIY	0.97	Sc=6.3991, min distance = 1.917899
Q8U306_PYRFU	447962	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	2C5N		Sc=6.05388, min distance = 1.799349
Q8U306_PYRFU	4565	1h1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	1H1R		Sc=6.17431, min distance = 1.710762
Q8U306_PYRFU	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	1YQT	2J9C	0.99	Sc=6.47235, min distance = 1.461268
Q8U306_PYRFU	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1YQT	2R7M	0.99	Sc=6.24091, min distance = 2.325232
Q8U306_PYRFU	6420139	Q	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	2C5V		Sc=5.89865, min distance = 2.106730
Q8U306_PYRFU	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1YQT	3EJ1		Sc=5.96228, min distance = 2.696550
Q8U306_PYRFU	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1YQT	1QYE	0.89	Sc=5.91707, min distance = 2.021177
Q8U306_PYRFU	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1YQT	2DXE	0.8	Sc=6.39336, min distance = 2.204866
Q8U3I1_PYRFU	33113	gar	CHEA_THEMEA	Fu	91532	AMF	1I58	1G3R	1I59	0.99	Sc=6.00075, min distance = 2.030112
Q8U3I1_PYRFU	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1G3Q	1BS1	0.91	Sc=6.01648, min distance = 2.432667
Q8U3I1_PYRFU	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G3Q	1CKP		Sc=5.62455, min distance = 2.061930
Q8U3I1_PYRFU	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G3Q	1H0V		Sc=6.25346, min distance = 2.013709
Q8U3I1_PYRFU	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1G3Q	1A82	0.99	Sc=6.05949, min distance = 2.441182
Q8U3I1_PYRFU	5957	Ader	NIFH1_AZOVI	Fu	6022	Aden	1FP6	1G3Q	2C8V	37.5 0.99	Sc=6.05359, min distance = 2.301639
Q8U3I1_PYRFU	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1G3Q	2Z02	0.99	Sc=6.05169, min distance = 2.049802
Q8U3I1_PYRFU	5957	Ader	Q72H90_THET2	Fu	6022	Aden	2BEJ	1G3Q	2BEK	0.99	Sc=6.05688, min distance = 2.339172
Q8U3I1_PYRFU	6420138	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1G3Q	2UUE		Sc=6.43793, min distance = 1.251387
Q8VP74_9GAMM	23831	HEE	XYNA_BACSU	Fu	125409	be	2QZ3	1GQJ	2B45		Sc=5.63719, min distance = 1.844472
Q8VPD4_RHOOP	11987634		GLPD_ECOLI	Fu	444188	CI	2QCU	2JAE	2R4E	0.97	Sc=6.89225, min distance = 2.124704
Q8VPD4_RHOOP	16741253		LSD1_HUMAN	Fu	444188	CI	2DW4	2JAE	2UXN	0.95	Sc=6.89396, min distance = 2.434012
Q8VPD4_RHOOP	446013	1,	O28603_ARCFU	Fu	444188	CI	1JNR	2JAE	1JNZ	0.94	Sc=6.8981, min distance = 2.3873187
Q8VPD4_RHOOP	446013	1,	O28604_ARCFU	Fu	444188	CI	1JNR	2JAE	1JNZ	0.94	Sc=6.89869, min distance = 2.419935
Q8VPD4_RHOOP	6420174	C	O28603_ARCFU	Fu	444188	CI	1JNR	2JAE	2FJB	0.92	Sc=6.90316, min distance = 2.246879
Q8VPD4_RHOOP	6420174	C	O28604_ARCFU	Fu	444188	CI	1JNR	2JAE	2FJB	0.92	Sc=6.90342, min distance = 2.233866
Q8VQF6_CITBR	11957360		CY1_BOVIN	Fu	444098	HE	1L0N	1T2B	1NTM		Sc=6.79908, min distance = 2.261155
Q8VQF6_CITBR	11957385		MYG_PHYCA	Fu	444098	HE	1A6M	1T2B	2CMM		Sc=6.19212, min distance = 2.375864
Q8VQF6_CITBR	16741183		CPXA_PSEPU	Fu	444098	HE	1YRC	1T2B	2ZAW	0.97	Sc=6.58892, min distance = 2.273514
Q8VQF6_CITBR	446406	CZ	MYG_PHYCA	Fu	444098	HE	1A6M	1T2B	1J3F		Sc=6.38624, min distance = 2.268976
Q8VQF6_CITBR	5326592	C	HMOX1_RAT	Fu	444098	HE	1DVG	1T2B	1J2C	0.79	Sc=6.73506, min distance = 2.153440
Q8VQF6_CITBR	6420167	M	CPXA_PSEPU	Fu	444098	HE	1YRC	1T2B	2FE6	0.86	Sc=6.76952, min distance = 2.062919
Q8WZK8_GEOCN	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	2D3Q	1TWN		Sc=6.65157, min distance = 1.743097
Q8WZK8_GEOCN	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	2D3Q	1TWR		Sc=6.65858, min distance = 1.897308
Q8WZK8_GEOCN	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	2D3Q	2CMM		Sc=6.22571, min distance = 2.236445
Q8WZK8_GEOCN	444207	He	PER_COPCI	Fu	444124	HE	1LY9	2D3Q	1LY8	0.99	Sc=6.78058, min distance = 2.010914
Q8WZK8_GEOCN	444522	HE	BFR_ECOLI	Fu	444124	HE	1BFR	2D3Q	1BCF	0.99	Sc=6.77956, min distance = 2.027615
Q8WZK8_GEOCN	444522	HE	HBA_PAGBE	Fu	444124	HE	1S5X	2D3Q	1PBX	0.99	Sc=6.7742, min distance = 2.366670

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Q8WZK8_GEOCN	444522 HE	HBB_PAGBE Ful	444124 HE	1S5X	2D3Q	1PBX	0.99	Sc=6.77611, min distance = 2.220484
Q8X123_9AGAR	445340 le	ELBP_ECOLX Fu	439353 be	1LT3	2IHO	1EFI		Sc=6.25014, min distance = 2.165837
Q8X123_9AGAR	446996 GA	Q9HYN5_PSEAE	1 439353 be	1W8F	2IHO	1W8H	0.89	Sc=5.69574, min distance = 1.835377
Q8X1D8_FUSOX	11492134	FMS1_YEAST Fu	1103 sper	1XPQ	2C12	3CNP		Sc=6.10788, min distance = 1.537572
Q8XUA5_RALSO	151504 D-	CONA_CANEN Fu	101798 Me	5CNA	1UQX	1I3H		Sc=5.75163, min distance = 2.380181
Q8XUA5_RALSO	24310 fru	Q9HYN5_PSEAE	1 101798 Me	2JDN	1UQX	1OVP	0.9	Sc=5.75522, min distance = 2.392242
Q8XUA5_RALSO	439554 fu	Q9HYN5_PSEAE	1 101798 Me	2JDN	1UQX	1UZV	0.96	Sc=5.66077, min distance = 2.323657
Q8XUA5_RALSO	445948 D-	Q9HYN5_PSEAE	1 101798 Me	2JDN	1UQX	1OXC		Sc=5.75873, min distance = 1.820998
Q8XUA5_RALSO	64947 alp	LEC_PEA Full=	1 185698 al	1RIN	2CHH	1HKD	0.94	Sc=5.7749, min distance = 2.6367438
Q8XUA5_RALSO	84265 lax	LECA_ARTIN Fu	101798 Me	1WS5	1UQX	1M26		Sc=6.04124, min distance = 1.915729
Q8ZJW4_SALTY	449233 CI	O53831_MYCTU	1 87642 coe	1POH	2CNT	2C27		Sc=6.41762, min distance = 1.819002
Q8ZKR2_SALTY	33113 gan	IGF1R_HUMAN Fu	91532 AMP	1K3A	1TZ6	1JQH	0.99	Sc=6.46705, min distance = 2.040442
Q8ZKR2_SALTY	33113 gan	KIF1A_MOUSE Fu	91532 AMP	1I6I	1TZ6	1VfV	0.99	Sc=6.47866, min distance = 2.025977
Q8ZKR2_SALTY	33113 gan	PURT_ECOLI Fu	91532 AMP	1KJI	1TZ6	1EYZ	0.99	Sc=6.47599, min distance = 1.675948
Q8ZKR2_SALTY	443200 CI	ACK1_HUMAN Fu	91532 AMP	1U54	1TZ6	1U4D		Sc=6.21812, min distance = 2.893326
Q8ZKR2_SALTY	444564 AD	BIOD_ECOLI Fu	91532 AMP	1DAG	1TZ6	1BS1	0.91	Sc=6.41775, min distance = 2.137294
Q8ZKR2_SALTY	5957 Ader	BIOD_ECOLI Fu	91532 AMP	1DAG	1TZ6	1A82	0.99	Sc=6.46205, min distance = 2.090482
Q8ZKR2_SALTY	6022 Ader	BIOD_ECOLI Fu	91532 AMP	1DAG	1TZ6	1DAD	0.99	Sc=6.41927, min distance = 2.090159
Q8ZKR2_SALTY	6022 Ader	GLPK_ECOLI Fu	91532 AMP	1GLL	1TZ6	1GLB	0.99	Sc=5.96788, min distance = 1.650779
Q8ZKR2_SALTY	6022 Ader	PURP_METJA Fu	91532 AMP	2R7K	1TZ6	2R7N	0.99	Sc=6.41454, min distance = 2.197092
Q8ZKR2_SALTY	6022 Ader	RBSK_ECOLI Fu	91532 AMP	1GQT	1TZ6	1RKD	0.99	Sc=6.44468, min distance = 1.394169
Q8ZKR2_SALTY	6083 ader	PURP_METJA Fu	91532 AMP	2R7K	1TZ6	2R7M	0.97	Sc=6.35386, min distance = 2.595040
Q8ZVF7_PYRAE	10041129	SAHH_MYCTU Fu	60961 ade	3CE6	2GL0	3DHY	0.89	Sc=5.94822, min distance = 2.374959
Q8ZVF7_PYRAE	24180721	PIM1_HUMAN Fu	60961 ade	1YI4	2GL0	3C4E		Sc=5.78541, min distance = 1.954741
Q8ZVF7_PYRAE	24851689	PIM1_HUMAN Fu	60961 ade	1YI4	2GL0	3CY2		Sc=6.17936, min distance = 1.813703
Q8ZVF7_PYRAE	5327148 C	KAPCA_MOUSE Fu	60961 ade	1FMO	2GL0	2ERZ		Sc=5.93185, min distance = 1.894073
Q8ZVF7_PYRAE	6802 guar	A5KE01_PLAVI	1 60961 ade	2PGF	2GL0	2QVN	0.79	Sc=6.08716, min distance = 2.362357
Q8ZVF7_PYRAE	9570 6-Me	ADK_TOXGO Ful	60961 ade	1DGM	2GL0	2AA0	0.88	Sc=6.0163, min distance = 2.2588192
Q8ZYK1_PYRAE	3044933 A	ENPL_CANFA Fu	6022 Aden	1TC6	1FNN	1U0Y	0.81	Sc=6.42117, min distance = 2.078679
Q8ZYK1_PYRAE	444564 AD	BIOD_ECOLI Fu	6022 Aden	1DAD	1FNN	1BS1	0.91	Sc=6.44573, min distance = 2.421348
Q8ZYK1_PYRAE	444852 CI	ATPB_BOVIN Fu	6022 Aden	2CK3	1FNN	1COW	0.9	Sc=6.02572, min distance = 2.002540
Q8ZYK1_PYRAE	4565 1h1r	CDK2_HUMAN Fu	6022 Aden	1GY3	1FNN	1H1R		Sc=6.41036, min distance = 1.272277
Q8ZYK1_PYRAE	5957 Ader	MUTS_ECOLI Fu	6022 Aden	1OH7	1FNN	1W7A	0.99	Sc=6.55847, min distance = 0.908538
Q8ZYK1_PYRAE	6132 Cytb	ECX2_PYRAB Fu	6022 Aden	2PO0	1FNN	2PO2		Sc=6.33113, min distance = 2.132034
Q8ZYK1_PYRAE	91532 AME	BIOD_ECOLI Fu	6022 Aden	1DAD	1FNN	1DAG	0.99	Sc=6.06032, min distance = 2.547917
Q90282_CROAT	4369384 1	LEF_BACAN Ful	132519 Ga	1PWU	2DW1	1YQY		Sc=6.13198, min distance = 2.095039
Q920E6_MOUSE	11368987	ESR1_HUMAN Fu	5757 estr	1QKT	1JGL	2QGW		Sc=5.72298, min distance = 2.174974

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Q92456_TRIRE	101798 Me	LEC1_LATOC Fu	185698 al	1LOG	1SZN	1LOB	0.94	Sc=5.73279, min distance = 2.496992
Q92456_TRIRE	151504 D	CVN_NOSEL Fu	185698 al	2RDK	1SZN	2PYS		Sc=5.673, min distance = 2.64312334
Q92456_TRIRE	439764 be	ARAF_ECOLI Fu	439353 be	8ABP	1T00	6ABP	0.93	Sc=5.6567, min distance = 2.1836934
Q92456_TRIRE	445184 1,	Q6PYX1_HUMAN	185698 al	1ZLS	1SZN	1ZLW	0.89	Sc=5.64592, min distance = 2.750040
Q92456_TRIRE	7027 gluc	Q72KX2_THET2	439353 be	2B3F	1T00	2B3B		Sc=5.9108, min distance = 2.4258377
Q93EK7_NEIME	18068 Udp	GGTA1_BOVIN Fu	445795 1g	2VFZ	1G9R	2VS5	0.98	Sc=6.67354, min distance = 2.190928
Q93EK7_NEIME	6030 Urid	GGTA1_BOVIN Fu	445795 1g	2VFZ	1G9R	1G80	0.86	Sc=6.32687, min distance = 2.355789
Q93IG4_MYCMS	119119 Di	DPOLB_HUMAN Fu	65091 dCT	1MQ3	2JAQ	2FMP	0.93	Sc=6.28429, min distance = 2.388258
Q93IG4_MYCMS	15993 dAT	DPOL_BPR69 Fu	65091 dCT	1Q9Y	2JAQ	2OZS		Sc=6.47986, min distance = 2.163674
Q93IG4_MYCMS	448381 2'	DPOLL_HUMAN Fu	65091 dCT	2PFP	2JAQ	2PFN	0.82	Sc=6.40442, min distance = 2.307570
Q93IG4_MYCMS	454194 Tr	DCK_HUMAN Fu	13945 Dec	2QRN	2JAT	2NO9		Sc=5.91376, min distance = 2.432600
Q93IG4_MYCMS	60877 Emt	DCK_HUMAN Fu	13945 Dec	2QRN	2JAT	2NO6		Sc=5.96567, min distance = 2.328187
Q93IG4_MYCMS	64968 dTT	DPO42_SULSO Fu	65091 dCT	2ASD	2JAQ	1S00	0.75	Sc=6.461, min distance = 1.90588404
Q93IG4_MYCMS	64968 dTT	DPOLL_HUMAN Fu	65091 dCT	2PFP	2JAQ	2BCV	0.75	Sc=6.45867, min distance = 2.347460
Q93IG4_MYCMS	64968 dTT	DPOL_BPR69 Fu	65091 dCT	1Q9Y	2JAQ	3CQ8	0.75	Sc=6.45867, min distance = 2.360878
Q93IG4_MYCMS	64968 dTT	POLI_HUMAN Fu	65091 dCT	2DPI	2JAQ	1T3N	0.75	Sc=6.46298, min distance = 2.008795
Q93IG4_MYCMS	656930 DI	DPO42_SULSO Fu	65091 dCT	2ASD	2JAQ	1S9F	0.92	Sc=6.31653, min distance = 1.861146
Q93KV2_STRVR	6030 Urid	GLMU_HAEIN Fu	6031 Urid	2V0K	2IV3	2V0J	0.99	Sc=6.33087, min distance = 1.893370
Q93KV2_STRVR	6030 Urid	O87988_BORBR	6031 Urid	2PZM	2IV3	2PZL	0.99	Sc=6.32623, min distance = 2.096769
Q93KV2_STRVR	6030 Urid	PYRH_ECOLI Fu	6031 Urid	2BND	2IV3	2BNE	0.99	Sc=6.32623, min distance = 2.068674
Q93KV2_STRVR	8629 UDP	Q89399_PBCV1	6031 Urid	2P73	2IV3	2P72	0.89	Sc=5.90358, min distance = 1.947606
Q93LY7_9ACTO	11987634	GLPD_ECOLI Fu	444188 CI	2QCU	2QA1	2R4E	0.97	Sc=6.87337, min distance = 2.027567
Q93LY7_9ACTO	16740985	FRDA_SHEFR Fu	444188 CI	1M64	2QA1	1E39	0.93	Sc=6.87358, min distance = 2.247366
Q93LY7_9ACTO	444502 CI	FRDA_SHEFR Fu	444188 CI	1M64	2QA1	1QJD	0.98	Sc=6.87405, min distance = 2.097335
Q93LY7_9ACTO	444502 CI	GSHR_HUMAN Fu	444188 CI	3DK9	2QA1	1BWC	0.98	Sc=6.87844, min distance = 2.230245
Q93LY7_9ACTO	444502 CI	TYTR_TRYCR Fu	444188 CI	1BZL	2QA1	1GXF	0.98	Sc=6.43595, min distance = 2.445846
Q93LY7_9ACTO	445794 AD	PHHY_PSEFL Fu	444188 CI	1PBE	2QA1	2PHH		Sc=6.6578, min distance = 2.1296696
Q93LY7_9ACTO	446013 1,	O28604_ARCFU	444188 CI	1JNR	2QA1	1JNZ	0.94	Sc=6.43876, min distance = 2.059432
Q93LY7_9ACTO	448054 CI	FRDA_SHEFR Fu	444188 CI	1M64	2QA1	1Y0P	0.97	Sc=6.87125, min distance = 2.073077
Q93LY7_9ACTO	449465 CI	GSHR_HUMAN Fu	444188 CI	3DK9	2QA1	3GRT	0.98	Sc=6.43876, min distance = 2.347744
Q94KL8_PODPE	169266 1,	GALE_HUMAN Fu	5893 nadi	1HZJ	2BGM	1I3K	0.79	Sc=6.29069, min distance = 2.615030
Q94KL8_PODPE	439153 Di	Q9BJJ9_PLAFA	5893 nadi	1UH5	2BGM	1V35	0.79	Sc=5.98666, min distance = 2.364092
Q94KL8_PODPE	447767 pi	INHA_MYCTU Fu	5893 nadi	2H7I	2BGM	1P44		Sc=6.06754, min distance = 1.658987
Q94KL8_PODPE	449263 IN	INHA_MYCTU Fu	5893 nadi	2H7I	2BGM	2NV6	0.93	Sc=6.08176, min distance = 2.199059
Q94M05_9VIRU	23653516	CDK2_HUMAN Fu	6022 Aden	1GY3	1W44	2R3G		Sc=6.2183, min distance = 2.0170128
Q94M05_9VIRU	2608 1jsv	CDK2_HUMAN Fu	6022 Aden	1GY3	1W44	1JSV		Sc=5.93108, min distance = 2.007464
Q94M05_9VIRU	398148 1e	CDK2_HUMAN Fu	6022 Aden	1GY3	1W44	1E1X		Sc=6.12035, min distance = 1.291000

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Q94M05_9VIRU	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W44	1H0V		Sc=6.17756, min distance = 1.365745
Q94M05_9VIRU	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1W44	1ZTF	0.95	Sc=5.71164, min distance = 2.274981
Q94M05_9VIRU	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W44	1PXI		Sc=5.6805, min distance = 1.9971131
Q94M05_9VIRU	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1W44	2BTS		Sc=5.74093, min distance = 2.020471
Q94M05_9VIRU	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1W44	2PO2		Sc=6.18432, min distance = 2.235564
Q94M05_9VIRU	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1W44	1D0Y		Sc=5.92869, min distance = 2.490781
Q94M05_9VIRU	6338566	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1W44	1D1C		Sc=5.95605, min distance = 2.502438
Q94M05_9VIRU	91532	AMF	MTNK_BACSU	Fu	6022	Aden	2OLC	1W44	2PUL	0.99	Sc=5.82701, min distance = 2.612938
Q94M05_9VIRU	91532	AMF	PDXK_SHEEP	Fu	6022	Aden	1RFU	1W44	1RFT	0.99	Sc=5.63584, min distance = 2.470762
Q95VY4_AEDAE	3744	Indo	AAT_ECOLI	Ful	1053	pyri	2Q7W	1YIY	1AHF		Sc=5.97665, min distance = 0.756641
Q95VY4_AEDAE	4369488	E	AAT_ECOLI	Ful	1053	pyri	2Q7W	1YIY	1X29	0.89	Sc=5.7773, min distance = 1.5444358
Q95VY4_AEDAE	444292	PI	AAT_ECOLI	Ful	1053	pyri	2Q7W	1YIY	1ARG	0.9	Sc=6.02056, min distance = 1.733921
Q95VY4_AEDAE	444293	PI	AAT_ECOLI	Ful	1053	pyri	2Q7W	1YIY	1X28	0.89	Sc=6.02164, min distance = 1.445952
Q95VY4_AEDAE	444293	PI	HIS8_ECOLI	Fu	1053	pyri	1FG7	1YIY	1GEY	0.89	Sc=5.73352, min distance = 2.392641
Q95VY4_AEDAE	6140	L-ph	KAT1_HUMAN	Fu	1053	pyri	1W7N	1YIY	1W7M		Sc=5.80916, min distance = 1.880661
Q95WL3_TRYCR	11266583		FPPS_HUMAN	Fu	2088	alen	2F92	1YHM	2OPM	39.07	Sc=6.02126, min distance = 2.150701
Q95WL3_TRYCR	193703	Di	IDI1_HUMAN	Fu	1195	isop	2ICK	1YHM	2I6K		Sc=5.61741, min distance = 2.233258
Q95WL3_TRYCR	68740	Zol	FPPS_HUMAN	Fu	2088	alen	2F92	1YHM	2F9K	39.07	Sc=5.84709, min distance = 2.199531
Q95ZD7_LEIME	11987747		PGMB_LACLA	Fu	447467	G1	1O03	2I55	1O08		Sc=6.14103, min distance = 2.078291
Q95ZD7_LEIME	444212	tr	ACON_BOVIN	Fu	311	citri	1C96	2I54	1ACO		Sc=5.74788, min distance = 2.176341
Q96M2_GIALA	6030	Uric	UPP_TOXGO	Ful	7339	PRPF	1JLS	1L1R	1UPU		Sc=6.28824, min distance = 2.071791
Q96UT7_TRAVE	439554	fu	FIBB_HUMAN	Fu	444205	CI	1FZF	1KYA	2OYH		Sc=5.73638, min distance = 0.795191
Q96XN9_SULTO	101544	2'	RNAS1_BOVIN	Fu	6022	Aden	1O0H	2DCN	1ROB		Sc=6.34633, min distance = 0.968331
Q96XN9_SULTO	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	2DCN	3BHT		Sc=6.14616, min distance = 1.869241
Q96XN9_SULTO	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DCN	1GII		Sc=6.38925, min distance = 1.808041
Q96XN9_SULTO	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2DCN	1H1R		Sc=6.42499, min distance = 1.341081
Q96XN9_SULTO	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	2DCN	2ZIA		Sc=5.88541, min distance = 2.417771
Q96XN9_SULTO	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	2DCN	2CVV		Sc=6.33041, min distance = 2.100121
Q96XN9_SULTO	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2DCN	2R7M	0.99	Sc=6.32934, min distance = 2.878951
Q96XN9_SULTO	66535	3'	RNAS1_BOVIN	Fu	6022	Aden	1O0H	2DCN	1RPF		Sc=6.33643, min distance = 1.080521
Q96XN9_SULTO	6852187	2	O57883_PYRHO	I	6022	Aden	1WNL	2DCN	2DTH	0.89	Sc=6.14196, min distance = 1.454591
Q96XN9_SULTO	91532	AMF	NIFH1_AZOVI	Fu	6022	Aden	1FP6	2DCN	2AFK	0.99	Sc=6.52335, min distance = 1.774561
Q96Y14_SULTO	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	2E2P	1GJV	0.99	Sc=5.80915, min distance = 2.079651
Q96Y14_SULTO	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2E2P	1W9I	0.91	Sc=6.42391, min distance = 1.967031
Q96Y14_SULTO	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2E2P	1GZ8		Sc=6.23395, min distance = 1.574731
Q96Y14_SULTO	446521	1j	RNAS1_BOVIN	Fu	6022	Aden	1O0H	2E2P	1JN4	0.87	Sc=5.94933, min distance = 2.088921
Q96Y14_SULTO	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	2E2P	1LVK		Sc=6.48239, min distance = 2.134291

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Q96Y14_SULTO	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2E2P	1PXI			Sc=5.77922, min distance = 1.985469
Q96Y14_SULTO	5957	Ader	ARP2_BOVIN	Fu	6022	Aden	2P9I	2E2P	1TYQ	0.99		Sc=5.81929, min distance = 1.998869
Q96Y14_SULTO	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	2E2P	1TYQ	0.99		Sc=6.01094, min distance = 2.391929
Q96Y14_SULTO	5957	Ader	DDL_THET8	Fu	6022	Aden	2ZDH	2E2P	2ZDQ	0.99		Sc=5.80666, min distance = 1.932970
Q96Y14_SULTO	5957	Ader	HSP7F_YEAST	Fu	6022	Aden	3C7N	2E2P	3D2F	0.99		Sc=5.82401, min distance = 2.713784
Q96Y14_SULTO	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	2E2P	1Q12	0.99		Sc=5.79483, min distance = 2.099816
Q96Y14_SULTO	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2E2P	1W7A	0.99		Sc=5.69748, min distance = 2.434730
Q96Y14_SULTO	5957	Ader	PDK2_HUMAN	Fu	6022	Aden	2BU8	2E2P	2BU2	0.99		Sc=5.83102, min distance = 2.164766
Q96Y14_SULTO	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	2E2P	2ZIA			Sc=5.8339, min distance = 2.301821
Q96Y14_SULTO	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2E2P	2R7M	0.99		Sc=6.39065, min distance = 2.240404
Q96Y14_SULTO	656946	CI	RNAS1_BOVIN	Fu	6022	Aden	100H	2E2P	1W4Q			Sc=6.10997, min distance = 2.170340
Q96Y14_SULTO	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2E2P	2DXF	0.8		Sc=6.41806, min distance = 2.297591
Q96Y14_SULTO	8977	ldar	NDK_PYRHO	Fu	6022	Aden	2DYA	2E2P	2DXE	0.8		Sc=5.99611, min distance = 2.048272
Q96Y14_SULTO	8977	ldar	PARM_ECOLX	Fu	6022	Aden	1MWM	2E2P	2ZGY	0.8		Sc=5.99204, min distance = 2.384851
Q96Y14_SULTO	91532	AME	PURP_METJA	Fu	6022	Aden	2R7N	2E2P	2R7K	0.99		Sc=5.87339, min distance = 2.126740
Q96Y14_SULTO	91557	ltn	Q94M05_9VIRU	I	6022	Aden	1W44	2E2P	1W48	0.99		Sc=6.12631, min distance = 2.133301
Q96Z61_SULTO	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	2GGS	2IZ1			Sc=6.27697, min distance = 1.129431
Q96Z61_SULTO	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2GGS	1QYW			Sc=6.44521, min distance = 2.090101
Q973K9_SULTO	444502	CI	PHR_SYNTP6	Fu	444188	CI	1TEZ	2E0I	1OWM	0.98		Sc=6.43156, min distance = 1.968540
Q974C9_SULTO	5326566	1	Q9WZW1_THEMA	I	444243	FA	1T6Y	2D37	1S4M	0.82		Sc=6.27262, min distance = 1.456396
Q977U7_HALME	15342951		ALBU_HUMAN	Fu	311	citri	1TF0	2B5W	3B9L			Sc=6.36847, min distance = 0.455681
Q97DM1_CLOAB	854023	Ep	Q8WSF8_APLCA	I	23831	HEP	2BR7	1Y7B	2BYQ			Sc=6.01283, min distance = 0.683919
Q97G05_CLOAB	24850913		NOS1_RAT	Full	444243	FA	1TLL	2IG6	3B3M			Sc=6.17335, min distance = 0.118029
Q97G05_CLOAB	5326566	1	BLVRB_HUMAN	Fu	444243	FA	1HE4	2IG6	1HE5	0.82		Sc=6.23265, min distance = 2.274951
Q97G05_CLOAB	5326566	1	Q9WZW1_THEMA	I	444243	FA	1T6Y	2IG6	1S4M	0.82		Sc=6.27488, min distance = 2.399879
Q97GQ1_CLOAB	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1VL0	1I3K	0.79		Sc=6.75312, min distance = 2.175442
Q97GQ1_CLOAB	444428	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1VL0	1B16	0.77		Sc=6.8301, min distance = 1.933130
Q97NR6_STRPN	24901727		RHAMD_SALTY	Fu	444305	L-	3D46	1SQS	3CXO			Sc=5.75061, min distance = 2.299836
Q97NR6_STRPN	24901728		RHAMD_SALTY	Fu	444305	L-	3D46	1SQS	3CXO			Sc=5.87458, min distance = 1.897616
Q97NW2_STRPN	444915	G1	CDGT2_BACCI	Fu	79025	alp	1D3C	2I58	1CXL	0.85		Sc=5.72902, min distance = 0.694856
Q97NW2_STRPN	445237	1,	AMY1_HORVU	Fu	79025	alp	1RP8	2I58	1P6W	0.77		Sc=5.95114, min distance = 0.581038
Q97NW2_STRPN	446685	Va	CDGT2_BACCI	Fu	79025	alp	1D3C	2I58	1KCK			Sc=5.95505, min distance = 0.850201
Q97NW2_STRPN	446685	Va	NEPU1_THEVU	Fu	79025	alp	1UH4	2I58	1UH3			Sc=5.85651, min distance = 2.100721
Q97NW2_STRPN	5326754	S	PHSM_ECOLI	Fu	79025	alp	1L5W	2I58	1QM5	0.88		Sc=5.60997, min distance = 2.358559
Q97NW2_STRPN	7027	gluc	Q9C171_PIREQ	I	79025	alp	1GWM	2I58	1W8T			Sc=5.82924, min distance = 2.294011
Q97NW2_STRPN	84265	1ax	TRFL_BOVIN	Fu	79025	alp	2DWJ	2I58	2AYS			Sc=6.09579, min distance = 2.320611
Q97S03_STRPN	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	2B67	1JRB			Sc=5.79959, min distance = 2.173876

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Q97T10_STRPN	29435	1-1	Q2PS28_9PSED	1	64689	bet	2PWF	2POK	2PWD		Sc=5.74087, min distance = 2.824559
Q97T10_STRPN	445999	CI	Q79G13_MYCTU	1	64689	bet	1UP0	2POK	1UOZ	0.77	Sc=5.75206, min distance = 0.590618
Q97T10_STRPN	447607	1c	Q79G13_MYCTU	1	64689	bet	1UP0	2POK	1UP2		Sc=5.60208, min distance = 2.844120
Q97U29_SULSO	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	3CY3		Sc=6.45062, min distance = 1.620549
Q97U29_SULSO	11986113		PIM1_HUMAN	Fu	33113	gar	1XR1	2VAR	2BZH		Sc=6.54539, min distance = 1.813328
Q97U29_SULSO	11986113		PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	2BZH		Sc=6.49431, min distance = 1.471330
Q97U29_SULSO	11986114		PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	2BZI		Sc=6.55074, min distance = 2.545320
Q97U29_SULSO	1400	nche	RET_HUMAN	Fu	6083	aden	2IVT	2VAR	2IVV		Sc=6.14422, min distance = 1.244420
Q97U29_SULSO	15993	dAT	PRIM_BPT7	Fu	33113	gar	1E0J	2VAR	1CR2	0.97	Sc=5.96313, min distance = 2.387980
Q97U29_SULSO	16058647		PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	2OI4		Sc=6.51032, min distance = 2.435540
Q97U29_SULSO	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	2VAR	2OXD		Sc=5.67564, min distance = 2.125960
Q97U29_SULSO	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	2VAR	1G4A	0.97	Sc=6.36681, min distance = 2.238538
Q97U29_SULSO	2396	bisi	PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	1XWS		Sc=6.34637, min distance = 2.498160
Q97U29_SULSO	24820122		PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	3BWF		Sc=6.56344, min distance = 2.510590
Q97U29_SULSO	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	2VAR	1GFZ		Sc=5.69752, min distance = 2.170220
Q97U29_SULSO	3064778	H	ROCK1_HUMAN	Fu	33113	gar	2V55	2VAR	2ETK		Sc=6.05783, min distance = 2.210010
Q97U29_SULSO	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	2VAR	2ESM		Sc=5.973, min distance = 2.31721960
Q97U29_SULSO	3973	nche	PIM1_HUMAN	Fu	33113	gar	1XR1	2VAR	1YI3		Sc=5.93862, min distance = 1.772240
Q97U29_SULSO	440317	AT	SRC_CHICK	Fu	6083	aden	3DQX	2VAR	3DQW	0.97	Sc=5.97561, min distance = 1.375310
Q97U29_SULSO	444564	AI	MYS2_DICDI	Fu	33113	gar	1MMN	2VAR	1W9I	0.91	Sc=6.39313, min distance = 2.773369
Q97U29_SULSO	444852	CI	ATPB_BOVIN	Fu	33113	gar	2JDI	2VAR	1COW	0.91	Sc=6.45745, min distance = 2.187829
Q97U29_SULSO	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2VAR	1WXE	0.91	Sc=6.31254, min distance = 2.773460
Q97U29_SULSO	446724	AM	NUDT5_HUMAN	Fu	6083	aden	2DSD	2VAR	3BM4	0.92	Sc=5.76443, min distance = 2.040640
Q97U29_SULSO	447832	AI	ACSA_SALTY	Fu	6083	aden	2P2F	2VAR	1PG4	0.99	Sc=6.38098, min distance = 2.089978
Q97U29_SULSO	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	2VAR	2ETR		Sc=6.09899, min distance = 2.071610
Q97U29_SULSO	448895	AI	UMPK_YEAST	Fu	6083	aden	1UKZ	2VAR	1UKY	0.99	Sc=6.41066, min distance = 2.232118
Q97U29_SULSO	5326976	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	2VAR	1ZOE		Sc=5.72082, min distance = 2.124558
Q97U29_SULSO	5326977	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	2VAR	1ZOG		Sc=5.65524, min distance = 2.044448
Q97U29_SULSO	5326978	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	2VAR	1ZOH		Sc=5.71726, min distance = 2.065329
Q97U29_SULSO	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	2C3I		Sc=6.23651, min distance = 2.025870
Q97U29_SULSO	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2VAR	2ERZ		Sc=6.21035, min distance = 1.670170
Q97U29_SULSO	6076	Cycl	PDE10_HUMAN	Fu	6083	aden	2OUN	2VAR	2OUR	0.99	Sc=6.27415, min distance = 2.621818
Q97U29_SULSO	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2VAR	1YI4	0.93	Sc=6.27193, min distance = 2.121410
Q97U29_SULSO	611002	Og	PIM1_HUMAN	Fu	33113	gar	1XR1	2VAR	1YXX		Sc=6.1463, min distance = 1.5997758
Q97U29_SULSO	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	2VAR	1YXX		Sc=6.14112, min distance = 2.273660
Q97U29_SULSO	6338561	C	MYS2_DICDI	Fu	33113	gar	1MMN	2VAR	1D0X		Sc=6.21158, min distance = 2.402008
Q97U29_SULSO	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	2VAR	2R7K	0.79	Sc=5.79123, min distance = 2.954968

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Q97U29_SULSO	65110 AID	YL28_SCHPO Fu.	6083 aden	20OX	2VAR	2QRE	0.79	Sc=6.288, min distance = 2.23156850
Q97U29_SULSO	656964 1y	PDE4D_HUMAN Fu.	6083 aden	1TB7	2VAR	1Y2C		Sc=5.90171, min distance = 2.916482
Q97U29_SULSO	656969 1y	PDE4B_HUMAN Fu.	6083 aden	1ROR	2VAR	1Y2J		Sc=6.18335, min distance = 2.421810
Q97U29_SULSO	657135 Op	PIM1_HUMAN Fu.	6083 aden	1YXU	2VAR	1YXV		Sc=5.82952, min distance = 2.643570
Q97U29_SULSO	6804 guar	NDK_PYRHO Fu.	6083 aden	2DXD	2VAR	2DXF	0.8	Sc=6.34281, min distance = 2.604010
Q97U29_SULSO	8582 Inos	PYGM_RABIT Fu.	6083 aden	8GPB	2VAR	2QN7	0.79	Sc=6.32965, min distance = 2.557138
Q97UY8_SULSO	1540 1h1c	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	1H1Q		Sc=5.9805, min distance = 1.6166666
Q97UY8_SULSO	23727981	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	3BHT		Sc=5.88629, min distance = 2.247778
Q97UY8_SULSO	3973 nche	PIM1_HUMAN Fu.	33113 gar	1XR1	1OXV	1YI3		Sc=5.80723, min distance = 2.512006
Q97UY8_SULSO	445940 O6	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	1GZ8		Sc=5.77462, min distance = 2.617035
Q97UY8_SULSO	447649 1c	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	1OI9		Sc=6.1139, min distance = 2.0057150
Q97UY8_SULSO	4565 1h1y	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	1H1R		Sc=5.98786, min distance = 2.035079
Q97UY8_SULSO	5327133 C	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	2C6K		Sc=5.95417, min distance = 1.862128
Q97UY8_SULSO	5327135 D	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	2C6M		Sc=5.94964, min distance = 1.790884
Q97UY8_SULSO	6420138 2	CDK2_HUMAN Fu.	6022 Aden	1GY3	1OXU	2UUE		Sc=6.15791, min distance = 1.294316
Q97UY8_SULSO	72194 2-C	ENPL_CANFA Fu.	6022 Aden	1TC6	1OXU	1QYE	0.89	Sc=5.85344, min distance = 2.266590
Q97Y08_SULSO	444564 AD	BIOD_ECOLI Fu.	6022 Aden	1DAD	2FNA	1BS1	0.91	Sc=6.48248, min distance = 2.263414
Q97Y08_SULSO	444842 CI	CDK2_HUMAN Fu.	6022 Aden	1GY3	2FNA	1CKP		Sc=5.6204, min distance = 1.7379306
Q97Y08_SULSO	447916 ad	RIO1_ARCFU Fu.	6022 Aden	1ZTH	2FNA	1ZTF	0.95	Sc=6.30411, min distance = 2.443686
Q97Y08_SULSO	448505 AD	NDKC_DICDI Fu.	6022 Aden	1KDN	2FNA	1S5Z	0.93	Sc=6.51341, min distance = 1.938716
Q97Y08_SULSO	5957 Ader	ARP3_BOVIN Fu.	6022 Aden	2P9I	2FNA	1TYQ	0.99	Sc=6.533, min distance = 2.06772190
Q97Y08_SULSO	5957 Ader	BIOD_ECOLI Fu.	6022 Aden	1DAD	2FNA	1A82	0.99	Sc=6.52632, min distance = 1.187712
Q97Y08_SULSO	5957 Ader	MUTS_ECOLI Fu.	6022 Aden	1OH7	2FNA	1W7A	0.99	Sc=6.54477, min distance = 1.319970
Q97Y08_SULSO	5957 Ader	RK_BOVIN Full-	6022 Aden	3C4Z	2FNA	3C4W	0.99	Sc=6.514, min distance = 1.91502715
Q97Y08_SULSO	60961 ade	IPKA_RABIT Fu.	6022 Aden	1JBP	2FNA	1FMO	0.95	Sc=6.30607, min distance = 2.121140
Q97Y08_SULSO	60961 ade	SKY1_YEAST Fu.	6022 Aden	1Q8Y	2FNA	1Q97	0.95	Sc=6.31289, min distance = 2.006645
Q97Y08_SULSO	91532 AME	BIOD_ECOLI Fu.	6022 Aden	1DAD	2FNA	1DAG	0.99	Sc=6.55253, min distance = 1.247940
Q97Y08_SULSO	91532 AME	NIFH1_AZOVI Fu.	6022 Aden	1FP6	2FNA	2AFK	0.99	Sc=6.57034, min distance = 1.872690
Q9A1S9_STRP1	15942680	6PGD_LACLM Fu.	5886 NADF	2IZ0	2AHR	2IZ1		Sc=6.32102, min distance = 1.252282
Q9ADP7_STRCO	439709 be	SCNB_THITI Fu.	444305 L-	2DXC	2D6Y	2DD4		Sc=5.75061, min distance = 0.867135
Q9AE70_PSEPU	439153 Di	GALE_ECOLI Fu.	5893 nadi	1UDC	2Q2V	1UDB	0.79	Sc=6.77582, min distance = 2.478282
Q9AE70_PSEPU	439153 Di	Q9BJJ9_PLAFA I	5893 nadi	1UH5	2Q2V	1V35	0.79	Sc=6.77582, min distance = 2.418975
Q9AE70_PSEPU	444427 CI	ADH_DROLE Fu.	5893 nadi	1SBY	2Q2V	1B15	0.76	Sc=6.82418, min distance = 1.660965
Q9AE70_PSEPU	444428 CI	ADH_DROLE Fu.	5893 nadi	1SBY	2Q2V	1B16	0.77	Sc=6.85221, min distance = 1.887890
Q9AE70_PSEPU	449263 IN	INHA_MYCTU Fu.	5893 nadi	2H7I	2Q2V	2NV6	0.93	Sc=6.87608, min distance = 1.947548
Q9AE70_PSEPU	6022 Ader	Q5SI02_THET8 I	5893 nadi	2BJK	2Q2V	2BJA		Sc=6.27417, min distance = 1.791749
Q9AVR2_9DIPS	444260 FC	RICI_RICCO Fu.	95054 Pte	1BR6	1HWP	1FMP		Sc=5.90339, min distance = 2.503050

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Q9AVR2_9DIPS	446280	CI	RICI_RICCO	Fu	95054	Pte	1BR6	1HWP	1IFU			Sc=6.20657, min distance = 2.53308
Q9BH77_PLAFA	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	2O2Y	1I3K	0.79		Sc=6.33994, min distance = 2.17103
Q9BH77_PLAFA	447049	0A	NPD_THEMA	Fu	5893	nadi	2H4H	2O2Y	2H4J			Sc=6.68606, min distance = 1.63886
Q9BHB0_9DIPT	97538	s-	GSTP1_MOUSE	Fu	444104	II	1GLP	1V2A	1GLQ			Sc=5.79656, min distance = 1.69263
Q9BIH3_ANOGA	241868	4-	AAUB_ALCFA	Fu	1150	tryp	2AGY	2PQL	2HKR			Sc=5.8508, min distance = 2.255500
Q9BIH3_ANOGA	29147	4-N	AAUB_ALCFA	Fu	1150	tryp	2AGY	2PQL	2HJ4			Sc=5.75114, min distance = 1.28728
Q9BIH3_ANOGA	4657	Homc	AAUB_ALCFA	Fu	1150	tryp	2AGY	2PQL	2HKR			Sc=5.61499, min distance = 2.56634
Q9BIH3_ANOGA	681	dopar	PH4H_HUMAN	Fu	5814	nore	4PAH	2QEO	5PAH	0.93		Sc=5.84946, min distance = 2.21750
Q9BJJ9_PLAFA	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	1UH5	1I3K	0.79		Sc=6.3198, min distance = 2.378424
Q9BJJ9_PLAFA	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1UH5	1B15	0.76		Sc=6.81721, min distance = 2.14195
Q9BJJ9_PLAFA	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1UH5	1IHX			Sc=6.34497, min distance = 0.67202
Q9BJJ9_PLAFA	447049	0A	NPD_THEMA	Fu	5893	nadi	2H4H	1UH5	2H4J			Sc=6.19716, min distance = 2.03710
Q9BJJ9_PLAFA	5274976	5	INHA_MYCTU	Fu	5564	tric	2B35	1UH5	2B36	32.62		Sc=5.95438, min distance = 0.94756
Q9F1X5_LACSN	159354	Tc	DCK_HUMAN	Fu	6022	Aden	1P5Z	2CDU	2NO7			Sc=5.89597, min distance = 2.73817
Q9F1X5_LACSN	20279	Cl	DCK_HUMAN	Fu	6022	Aden	1P5Z	2CDU	2ZIA	0.91		Sc=6.04323, min distance = 2.81573
Q9F1X5_LACSN	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2CDU	1BS1	0.91		Sc=6.41614, min distance = 2.03855
Q9F1X5_LACSN	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CDU	1PXI			Sc=5.62666, min distance = 2.07031
Q9F1X5_LACSN	4565	1h1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CDU	1H1R			Sc=6.07177, min distance = 2.26606
Q9F1X5_LACSN	489519	AI	DCK_HUMAN	Fu	6022	Aden	1P5Z	2CDU	2ZI4	0.92		Sc=6.03862, min distance = 2.69880
Q9F1X5_LACSN	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	2CDU	2ZIA			Sc=6.33113, min distance = 2.06776
Q9F1X5_LACSN	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2CDU	2ZGY	0.8		Sc=5.99741, min distance = 1.66723
Q9F1X5_LACSN	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2CDU	1DAG	0.99		Sc=6.04631, min distance = 2.06014
Q9F5K6_STRVR	21945395	5	SETD7_HUMAN	Fu	34756	Acy	1N6A	1X7P	1XQH	0.88		Sc=6.49446, min distance = 2.09790
Q9F5K6_STRVR	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1X7P	2IH2	0.93		Sc=6.40452, min distance = 2.02507
Q9F5K6_STRVR	445971	CI	METJ_ECOLI	Fu	34756	Acy	1CMC	1X7P	1MJL	0.92		Sc=6.0746, min distance = 2.133797
Q9FCA6_STRCO	11957363	HE	HBA_HUMAN	Fu	444124	HE	1NQP	1S1F	1RQA	0.81		Sc=6.73737, min distance = 1.63247
Q9FCA6_STRCO	11957370	HE	HMOX1_HUMAN	Fu	444124	HE	1OZW	1S1F	1TWN			Sc=6.61549, min distance = 1.97352
Q9FCA6_STRCO	11957371	HE	HMOX1_HUMAN	Fu	444124	HE	1OZW	1S1F	1TWR			Sc=6.65858, min distance = 1.85638
Q9FCA6_STRCO	11957385	HE	MYG_PHYCA	Fu	444124	HE	1U7R	1S1F	2CMM			Sc=6.1386, min distance = 2.157318
Q9FCA6_STRCO	125409	be	Q09LX0_BACST	Fu	78165	MES	2EXH	1SE6	2EXJ			Sc=5.70268, min distance = 0.25041
Q9FCA6_STRCO	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	1S1F	1UE8	0.99		Sc=6.72444, min distance = 2.30793
Q9FCA6_STRCO	444207	He	HBA_HORSE	Fu	444124	HE	1Y8I	1S1F	2ZLW	0.99		Sc=6.73651, min distance = 2.17066
Q9FCA6_STRCO	444522	HE	C5B3_AMYOR	Fu	444124	HE	1LGF	1S1F	1LFK	33.67	0.99	Sc=6.73366, min distance = 2.13668
Q9FCA6_STRCO	444522	HE	HBA_PAGBE	Fu	444124	HE	1S5X	1S1F	1PBX	0.99		Sc=6.71957, min distance = 2.06055
Q9FCA6_STRCO	444522	HE	MYG_PIG	Fu	444124	HE	1MYH	1S1F	1MNI	0.99		Sc=6.75217, min distance = 2.02921
Q9FCA6_STRCO	444522	HE	NOS3_BOVIN	Fu	444124	HE	1ZZS	1S1F	2HX2	0.99		Sc=6.67249, min distance = 2.42640
Q9FCA6_STRCO	446676	CI	MMP8_HUMAN	Fu	78165	MES	1ZS0	1SE6	1KBC			Sc=5.66744, min distance = 2.06601

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Q9FCA6_STRCO	5326592	C	HMOX1_RAT	Ful	444124	HE	1J02	1S1F	1J2C	0.84	Sc=6.67722, min distance = 2.33895	
Q9FVF8_ULEEU	446578	1	MBL1_RAT	Full	439554	fu	3KMB	1QOT	1KWW	0.96	Sc=5.62916, min distance = 2.48005	
Q9FVF8_ULEEU	448294	C	BGAT_HUMAN	Fu	439353	be	1ZIZ	1DZQ	1R7U	0.9	Sc=5.94991, min distance = 2.15951	
Q9GPO4_TRYVI	11673379		PNPH_HUMAN	Fu	6021	inos	1RCT	1KIC	3BGS		Sc=6.28617, min distance = 2.02435	
Q9GPO4_TRYVI	122671	9	PNPH_BOVIN	Fu	444499	Fc	1B8O	2FF1	1A9P	0.89	Sc=6.35612, min distance = 2.27093	
Q9GPO4_TRYVI	122671	9	PNPH_BOVIN	Fu	6021	inos	1A9S	1KIC	1A9P		Sc=6.29634, min distance = 2.60817	
Q9GPO4_TRYVI	21704	Vid	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1PW7	0.79	Sc=6.23092, min distance = 1.88860	
Q9GPO4_TRYVI	444498	in	PNPH_BOVIN	Fu	6021	inos	1A9S	1KIC	1B8N		Sc=6.36301, min distance = 2.15979	
Q9GPO4_TRYVI	445732	C	PNPH_BOVIN	Fu	444499	Fc	1B8O	2FF1	1FXU		Sc=6.32877, min distance = 1.88322	
Q9GPO4_TRYVI	445732	C	PNPH_BOVIN	Fu	6021	inos	1A9S	1KIC	1FXU	0.82	Sc=6.26431, min distance = 2.15787	
Q9GPO4_TRYVI	447722	9	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1OUM		Sc=6.33424, min distance = 1.66868	
Q9GPO4_TRYVI	447916	ad	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1PR6	0.79	Sc=6.27292, min distance = 2.18510	
Q9GPO4_TRYVI	50599	dic	PNPH_HUMAN	Fu	444499	Fc	1RT9	2FF1	1V3Q		Sc=6.12312, min distance = 2.54490	
Q9GPO4_TRYVI	50599	dic	PNPH_HUMAN	Fu	6021	inos	1RCT	1KIC	1V3Q	0.96	Sc=6.05182, min distance = 2.57625	
Q9GPO4_TRYVI	5078682	C	PNPH_BOVIN	Fu	444499	Fc	1B8O	2FF1	2QPL		Sc=5.79273, min distance = 2.15699	
Q9GPO4_TRYVI	5078682	C	PNPH_BOVIN	Fu	6021	inos	1A9S	1KIC	2QPL		Sc=5.73591, min distance = 2.28176	
Q9GPO4_TRYVI	60961	ade	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1PK7	0.79	Sc=6.27072, min distance = 1.87356	
Q9GPO4_TRYVI	60961	ade	TMPC_TREPA	Fu	6021	inos	2FQW	1KIC	2FQY	0.79	Sc=6.29064, min distance = 2.06653	
Q9GPO4_TRYVI	6102683	C	PNPH_HUMAN	Fu	444499	Fc	1RT9	2FF1	1YRY		Sc=6.33985, min distance = 1.65088	
Q9GPO4_TRYVI	72443	for	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1A69		Sc=6.30124, min distance = 2.40021	
Q9GPO4_TRYVI	764	guani	PNPH_HUMAN	Fu	6021	inos	1RCT	1KIC	1V2H		Sc=5.61226, min distance = 2.69661	
Q9GPO4_TRYVI	8646	Guar	PNPH_HUMAN	Fu	6021	inos	1RCT	1KIC	1V41		Sc=5.64403, min distance = 2.18419	
Q9GPO4_TRYVI	8975	2-Fl	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1PK9	0.78	Sc=6.28698, min distance = 2.56632	
Q9GPO4_TRYVI	97184	6-M	DEOD_ECOLI	Fu	6021	inos	1PR0	1KIC	1OVG		Sc=6.1719, min distance = 2.349370	
Q9GT92_CRYPV	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	2FM3	1T2E	44.04	0.77	Sc=6.76327, min distance = 2.77944
Q9GT92_CRYPV	165230	1a	G6PD_LEUME	Fu	5893	nadi	1H94	2FM3	2DPG			Sc=5.6782, min distance = 2.040460
Q9GT92_CRYPV	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2FM3	1DEH	0.79	Sc=6.75993, min distance = 2.34381	
Q9GT92_CRYPV	439153	Di	ADH1E_HORSE	Fu	5893	nadi	1MGO	2FM3	2JHF	0.79	Sc=6.75027, min distance = 2.55422	
Q9GT92_CRYPV	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	2FM3	1HL3	0.79	Sc=6.76446, min distance = 2.10254	
Q9GT92_CRYPV	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2FM3	1UDB	0.79	Sc=6.77675, min distance = 2.07108	
Q9GT92_CRYPV	440516	C	MDH_THETH	Ful	5893	nadi	1BMD	2FM3	1BDM	0.79	Sc=6.76812, min distance = 2.60672	
Q9GT92_CRYPV	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	2FM3	1IHX			Sc=6.7634, min distance = 2.064048
Q9GT92_CRYPV	6102709	A	LDH_PLAFD	Ful	5893	nadi	1T2D	2FM3	2A94	44.04	0.88	Sc=6.74897, min distance = 2.86521
Q9HJ28_THEAC	446857	7	COBT_SALTY	Fu	121992	ni	1L5O	1YTK	1L5L			Sc=5.81261, min distance = 2.12302
Q9HJ28_THEAC	446858	7	COBT_SALTY	Fu	121992	ni	1L5O	1YTK	1L5M			Sc=5.81799, min distance = 2.10194
Q9HK51_THEAC	11987635		ADH_DROLE	Ful	5893	nadi	1SBY	2DTE	1B2L	26.55	0.76	Sc=6.41006, min distance = 2.14884
Q9HK51_THEAC	439153	Di	Q9BJJ9_PLAFA	Fu	5893	nadi	1UH5	2DTE	1V35	0.79	Sc=6.32675, min distance = 2.52082	

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Q9HK51_THEAC	445794	ADHX_HUMAN	Fu: 5893 nadi	2FZW	2DTE	2FZE		Sc=6.61113, min distance = 2.149860
Q9HU22_PSEAE	124823	6c	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	6GPB	0.91 Sc=6.02126, min distance = 2.163504
Q9HU22_PSEAE	13711	dec	DNK_DROME	Fu: 5789 thyr	1OT3	1G0R	2VP5	Sc=6.09218, min distance = 2.708282
Q9HU22_PSEAE	13712	dec	TYSY_ECOLI	Fu: 9700 thyr	1TYS	1FXO	1BDU	0.83 Sc=6.12058, min distance = 2.042402
Q9HU22_PSEAE	15993	dAT	NRDD_BPT4	Fu: 64968 dTT	1H79	1G2V	1H7A	Sc=6.4769, min distance = 2.0013567
Q9HU22_PSEAE	164628	de	RMLA1_ECOLI	Fu: 65533 cor	1H5R	1G0R	1H5T	77.11 Sc=6.03467, min distance = 0.884500
Q9HU22_PSEAE	1865	6-hy	KITH_HHV11	Fu: 9700 thyr	1VTK	1FXO	1E2M	Sc=5.96318, min distance = 2.130611
Q9HU22_PSEAE	24860521		PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	2QRM	Sc=6.31821, min distance = 2.029851
Q9HU22_PSEAE	24860522		PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	2QRP	Sc=6.32555, min distance = 2.278436
Q9HU22_PSEAE	24860523		PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	2QRQ	Sc=6.22288, min distance = 2.437650
Q9HU22_PSEAE	24864075		PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	2QRG	Sc=6.23452, min distance = 1.911529
Q9HU22_PSEAE	24864076		PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	2QRH	Sc=6.16963, min distance = 2.550878
Q9HU22_PSEAE	444320	2	TYSY_ECOLI	Fu: 9700 thyr	1TYS	1FXO	1AOB	0.81 Sc=6.04399, min distance = 1.984757
Q9HU22_PSEAE	445211	9	KITH_HHV11	Fu: 5789 thyr	1P7C	1G0R	1E2I	Sc=5.98089, min distance = 1.962762
Q9HU22_PSEAE	445213	HY	KITH_HHV11	Fu: 5789 thyr	1P7C	1G0R	1E2N	Sc=6.41183, min distance = 1.884021
Q9HU22_PSEAE	445723	1	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	1P4H	Sc=6.16463, min distance = 2.060440
Q9HU22_PSEAE	446600	1k	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	1K06	Sc=6.26681, min distance = 2.143814
Q9HU22_PSEAE	447413	NT	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	1NOJ	Sc=5.86465, min distance = 2.509980
Q9HU22_PSEAE	447770	CG	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	1P4G	Sc=5.97621, min distance = 2.240955
Q9HU22_PSEAE	449489	Id	KITH_HHV11	Fu: 5789 thyr	1P7C	1G0R	3VTK	0.84 Sc=6.26593, min distance = 1.187821
Q9HU22_PSEAE	449554	CI	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	5GPB	0.82 Sc=5.99765, min distance = 2.179492
Q9HU22_PSEAE	514815	BE	DNK_DROME	Fu: 64968 dTT	1ZM7	1G2V	2VQS	0.82 Sc=6.25106, min distance = 1.647663
Q9HU22_PSEAE	65091	dCT	DPOLL_HUMAN	Fu: 64968 dTT	2BCV	1G2V	2PFP	0.75 Sc=6.37566, min distance = 1.898569
Q9HU22_PSEAE	65103	dGT	RIR1_YEAST	Fu: 64968 dTT	2CVW	1G2V	2CVX	Sc=6.48327, min distance = 1.724482
Q9HU22_PSEAE	656930	DI	DPO42_SULSO	Fu: 64968 dTT	1S00	1G2V	1S9F	Sc=6.28746, min distance = 1.710183
Q9HU22_PSEAE	657042	CH	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	1XKX	Sc=6.11408, min distance = 1.788153
Q9HU22_PSEAE	657043	CH	PYGM_RABIT	Fu: 65533 cor	3GPB	1G0R	1XL0	Sc=5.94699, min distance = 1.894024
Q9HV14_PSEAE	164795	N	RBCMT_PEA	Fu: 23831 HEP	1MLV	2I6C	2H2J	Sc=5.71884, min distance = 1.948837
Q9HV14_PSEAE	854023	Eq	Q8WSF8_APLCA	Fu: 23831 HEP	2BR7	2I6C	2BYQ	Sc=5.81832, min distance = 1.869008
Q9HYN5_PSEAE	151504	D	CONA_CANEN	Fu: 101798 Me	5CNA	2JDN	1I3H	Sc=5.81999, min distance = 2.353877
Q9HYN5_PSEAE	151504	D	CONA_CANEN	Fu: 185698 al	1CVN	1OVS	1I3H	Sc=5.73005, min distance = 2.081505
Q9HYN5_PSEAE	151504	D	CVN_NOSEL	Fu: 185698 al	2RDK	1OVS	2PYS	Sc=5.72381, min distance = 2.448994
Q9HYN5_PSEAE	16741034		Q9XEI3_HORVD	Fu: 185698 al	1X38	1OVS	1IEV	0.82 Sc=5.673, min distance = 2.08106198
Q9HYN5_PSEAE	17106	L-f	ACES_MOUSE	Fu: 447053 CI	2HA2	1W8H	2HA0	0.85 Sc=5.61221, min distance = 2.244682
Q9HYN5_PSEAE	445184	1,	NRAM_I56A2	Fu: 439680 be	1V0Z	1OUR	1W1X	0.89 Sc=5.79423, min distance = 1.115120
Q9HYN5_PSEAE	445184	1,	Q6PYX1_HUMAN	Fu: 185698 al	1ZLS	1OVS	1ZLW	0.89 Sc=5.74975, min distance = 2.335507
Q9I4V0_PSEAE	16741044		PYRDA_LACLC	Fu: 444243 FA	1JUB	2GJL	1JRB	Sc=6.63267, min distance = 2.480317

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Q9I4V0_PSEAE	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	2GJL	1LTD	0.77	Sc=6.62501, min distance = 2.315800
Q9I4V0_PSEAE	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	2GJL	1SZG	0.76	Sc=6.63699, min distance = 2.044350
Q9I509_PSEAE	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	1ZWL	1JRB		Sc=6.1574, min distance = 2.4923760
Q9I509_PSEAE	448076	CI	CYB2_YEAST	Fu	444243	FA	1KBI	1ZWL	1SZG	0.76	Sc=6.15102, min distance = 1.371990
Q9I509_PSEAE	90207	Hex	WRBA_ECOLI	Fu	444243	FA	3B6I	1ZWL	3B6M		Sc=5.64483, min distance = 2.097950
Q9JL75_MOUSE	854023	Ep	Q8WSF8_APLCA	1	62551	Pen	2BYN	1P7K	2BYQ		Sc=5.78163, min distance = 2.227030
Q9K1N1_NEIMB	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	2AG8	1QYW		Sc=5.9177, min distance = 2.1891500
Q9K1N1_NEIMB	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	2AG8	1E7Y		Sc=5.91877, min distance = 2.309480
Q9KFR4_BACHD	15600	DEC	BACR_HALSA	Fu	79025	alp	1DZE	2C3W	1XJI		Sc=5.60337, min distance = 0.545480
Q9KFR4_BACHD	21678292		PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	3BD8		Sc=6.08072, min distance = 2.184250
Q9KFR4_BACHD	444139	CI	AMYP_PIG	Full	79025	alp	1HX0	2C3W	1PIG		Sc=5.64458, min distance = 1.412430
Q9KFR4_BACHD	444139	CI	CDGT2_BACCI	Fu	79025	alp	1D3C	2C3W	1DTU		Sc=5.80993, min distance = 1.086340
Q9KFR4_BACHD	444456	1k	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1B4D		Sc=6.11876, min distance = 1.974730
Q9KFR4_BACHD	445382	2p	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1WW2		Sc=5.9098, min distance = 2.3649080
Q9KFR4_BACHD	445722	1-	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1FU7		Sc=5.95472, min distance = 1.962800
Q9KFR4_BACHD	446564	LI	BACR_HALSA	Fu	79025	alp	1DZE	2C3W	1JV7		Sc=5.78222, min distance = 0.722700
Q9KFR4_BACHD	447413	NT	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1NOJ		Sc=5.82301, min distance = 1.937210
Q9KFR4_BACHD	656959	GI	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1XC7		Sc=5.98708, min distance = 2.255130
Q9KFR4_BACHD	657042	CH	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1KXX		Sc=6.15905, min distance = 2.123760
Q9KFR4_BACHD	657043	CH	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	1XL0		Sc=6.00531, min distance = 1.904420
Q9KFR4_BACHD	6914619	C	PYGM_RABIT	Fu	79025	alp	1H5U	2C3W	2FFR		Sc=6.05246, min distance = 2.410350
Q9KFR4_BACHD	82313	1rc	LEC_ERYCO	Ful	79025	alp	1FYU	2C3W	1AX2		Sc=5.96611, min distance = 1.994990
Q9KFR4_BACHD	82313	1rc	NAGK_HUMAN	Fu	79025	alp	2CH6	2C3W	2CH5		Sc=6.01471, min distance = 0.994400
Q9KG76_BACHD	445237	1,	AMY1_HORVU	Fu	64689	bet	1RP9	1W9W	1P6W	0.77	Sc=5.73786, min distance = 2.644090
Q9KG76_BACHD	445999	CI	GUN5_BACAG	Fu	64689	bet	1W3L	1W9W	1H5V	0.77	Sc=5.6718, min distance = 2.4785650
Q9KG76_BACHD	445999	CI	GUX6_HUMIN	Fu	64689	bet	1OCN	1W9W	1OC7	0.77	Sc=5.75889, min distance = 2.028610
Q9KG76_BACHD	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	1W9W	1QM5	0.88	Sc=5.65594, min distance = 0.546880
Q9KVB4_VIBCH	24901727		RHAMD_SALTY	Fu	444305	L-	3D46	1XPJ	3CXO		Sc=5.88106, min distance = 1.756730
Q9KZR7_STRCO	11957363		HBA_HUMAN	Ful	444124	HE	1NQP	1ODO	1RQA	0.81	Sc=6.80401, min distance = 2.243790
Q9KZR7_STRCO	11957363		HBB_HUMAN	Ful	444124	HE	1NQP	1ODO	1RQA	0.81	Sc=6.80401, min distance = 2.047980
Q9KZR7_STRCO	11957364		HMOX1_HUMAN	Fu	444124	HE	1OZW	1ODO	1S13	0.86	Sc=6.74465, min distance = 2.004620
Q9KZR7_STRCO	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1ODO	1TWN		Sc=6.67497, min distance = 1.508370
Q9KZR7_STRCO	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1ODO	1TWR		Sc=6.6834, min distance = 1.9232710
Q9KZR7_STRCO	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1ODO	2CMM		Sc=6.3387, min distance = 2.1043880
Q9KZR7_STRCO	24893347		CATE_ECOLI	Fu	444124	HE	1IPH	1ODO	1GGJ		Sc=6.79153, min distance = 2.009680
Q9KZR7_STRCO	4369001	C	HBA_HUMAN	Ful	444124	HE	1NQP	1ODO	4HHB	0.8	Sc=6.80662, min distance = 2.124120
Q9KZR7_STRCO	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	1ODO	1UE8	0.99	Sc=6.80221, min distance = 2.080150

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Q9KZR7_STRCO	444207	He	PRXC_CALFU	Fu	444124	HE	2CPO	1ODO	1CPO	0.99	Sc=6.79941, min distance = 2.266529
Q9KZR7_STRCO	444522	He	HBA_PAGBE	Fu	444124	HE	1S5X	1ODO	1PBX	0.99	Sc=6.7682, min distance = 2.0085507
Q9KZR7_STRCO	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	1ODO	1I3D	0.89	Sc=6.809, min distance = 2.01986732
Q9KZR7_STRCO	6420167	M	CPXA_PSEPU	Fu	444124	HE	1RE9	1ODO	2FE6	0.89	Sc=6.79473, min distance = 2.051840
Q9L142_STRCO	11957353		HBA_HORSE	Fu	444124	HE	1Y8I	1GWI	1IWH	0.87	Sc=6.81085, min distance = 2.002257
Q9L142_STRCO	11957353		HBB_HORSE	Fu	444124	HE	1Y8I	1GWI	1IWH	0.87	Sc=6.79941, min distance = 2.047389
Q9L142_STRCO	11957363		HBA_HUMAN	Fu	444124	HE	1NQP	1GWI	1RQA	0.81	Sc=6.80596, min distance = 2.269217
Q9L142_STRCO	11957363		HBB_HUMAN	Fu	444124	HE	1NQP	1GWI	1RQA	0.81	Sc=6.80436, min distance = 2.212172
Q9L142_STRCO	11957385		MYG_PHYCA	Fu	444124	HE	1U7R	1GWI	2CMM		Sc=6.29044, min distance = 2.457788
Q9L142_STRCO	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	1GWI	2CI0	0.95	Sc=6.67152, min distance = 2.393669
Q9L142_STRCO	444207	He	COX1_THET8	Fu	444124	HE	1EHK	1GWI	2QPE	0.99	Sc=6.8053, min distance = 2.0115767
Q9L142_STRCO	444207	He	CP119_SULTO	Fu	444124	HE	3B4X	1GWI	1UE8	0.99	Sc=6.79941, min distance = 2.380826
Q9L142_STRCO	444207	He	HBB_HORSE	Fu	444124	HE	1Y8I	1GWI	2ZLW	0.99	Sc=6.81619, min distance = 1.794269
Q9L142_STRCO	444207	He	PRXC_CALFU	Fu	444124	HE	2CPO	1GWI	1CPO	0.99	Sc=6.80363, min distance = 2.080424
Q9L142_STRCO	444522	He	HBA_PAGBE	Fu	444124	HE	1S5X	1GWI	1PBX	0.99	Sc=6.79908, min distance = 2.069959
Q9L142_STRCO	444522	He	NOS3_BOVIN	Fu	444124	HE	1ZZS	1GWI	2HX2	0.99	Sc=6.76035, min distance = 2.281629
Q9L142_STRCO	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	1GWI	1I3D	0.89	Sc=6.80757, min distance = 2.155699
Q9L142_STRCO	446406	CZ	MYG_PHYCA	Fu	444124	HE	1U7R	1GWI	1J3F		Sc=6.3909, min distance = 2.1750919
Q9L5C7_ECOLDX	447026	NA	LYSC_CHICK	Fu	5988	sucr	1JJ0	1YLT	1LZG		Sc=5.88395, min distance = 2.058252
Q9L5C8_ECOLDX	447026	NA	LYSC_CHICK	Fu	5988	sucr	1JJ0	1YLJ	1LZG		Sc=5.89735, min distance = 2.065092
Q9LCV7_STRCL	24856362		DHI1_HUMAN	Fu	5886	NADF	1XU9	2JAH	3D4N		Sc=6.26077, min distance = 1.250537
Q9LCV9_STRCL	124687	1x	ODP1_ECOLI	Fu	1132	thia	1L8A	1UPA	1RP7	0.79	Sc=6.03133, min distance = 2.226739
Q9LCV9_STRCL	13294447		DCIP_AZOBR	Fu	1132	thia	2NXW	1UPA	2Q5Q		Sc=6.08525, min distance = 0.777016
Q9LCV9_STRCL	445886	CI	TKT1_YEAST	Fu	1132	thia	1TRK	1UPA	1GPU	0.91	Sc=5.80108, min distance = 2.390287
Q9LCV9_STRCL	448671	2	ILVB_YEAST	Fu	1132	thia	1N0H	1UPA	1T9B		Sc=5.75284, min distance = 2.531692
Q9LCV9_STRCL	448673	PE	ILVB_YEAST	Fu	1132	thia	1N0H	1UPA	1T9B		Sc=5.85289, min distance = 1.723854
Q9LCV9_STRCL	448723	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1UPA	1TKC	0.77	Sc=6.48124, min distance = 2.423582
Q9LCV9_STRCL	6102647	C	ODBA_HUMAN	Fu	1132	thia	2BFD	1UPA	1WCI	0.9	Sc=6.14162, min distance = 2.078650
Q9LCV9_STRCL	6102749	T	ODBA_HUMAN	Fu	1132	thia	2BFD	1UPA	2J9F	0.92	Sc=6.11687, min distance = 2.080004
Q9LCV9_STRCL	6102751	T	ODBA_HUMAN	Fu	1132	thia	2BFD	1UPA	2BEW	0.76	Sc=6.17925, min distance = 2.082409
Q9LCV9_STRCL	6518182	C	POXB_LACPL	Fu	1132	thia	2EZ4	1UPA	2EZ9	0.94	Sc=6.11007, min distance = 2.293342
Q9LCV9_STRCL	6518187	2	POXB_LACPL	Fu	1132	thia	2EZ4	1UPA	2EZ8	0.87	Sc=6.10831, min distance = 2.259567
Q9LCZ4_THETH	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	1IY0	2OXD		Sc=5.68392, min distance = 2.473859
Q9LCZ4_THETH	24779676		CSK2A_MAIZE	Fu	33113	gar	1LP4	1IY0	2PVK		Sc=6.3533, min distance = 2.0711162
Q9LCZ4_THETH	3064778	H	ROCK1_HUMAN	Fu	33113	gar	2V55	1IY0	2ETK		Sc=6.13777, min distance = 2.371534
Q9LCZ4_THETH	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	1IY0	2ESM		Sc=5.93726, min distance = 2.244970
Q9LCZ4_THETH	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	1IY0	2ETR		Sc=6.20928, min distance = 1.962697

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Q9LCZ4_THETH	5326976	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1IY0	1ZOE		Sc=5.71555, min distance = 2.491014
Q9LCZ4_THETH	5326977	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1IY0	1ZOG		Sc=5.64926, min distance = 2.336039
Q9LCZ4_THETH	5326978	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1IY0	1ZOH		Sc=5.65336, min distance = 2.278903
Q9LCZ4_THETH	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1IY1	1QYE	0.89	Sc=6.07993, min distance = 2.123909
Q9N5G4_CAEEL	440141	9i	DHB1_HUMAN	Fu	5886	NADF	1QYV	1XKQ	1QYW		Sc=6.42327, min distance = 2.218339
Q9N5G4_CAEEL	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1XKQ	1E7Y		Sc=6.44188, min distance = 2.136972
Q9NAV8_9ANNE	11957363		HBA_HUMAN	Ful	444124	HE	1NQP	1EWA	1RQA	0.81	Sc=6.63676, min distance = 2.124458
Q9NAV8_9ANNE	11957363		HBB_HUMAN	Ful	444124	HE	1NQP	1EWA	1RQA	0.81	Sc=6.63392, min distance = 2.433452
Q9NAV8_9ANNE	11957364		HMOX1_HUMAN	Fu	444124	HE	1OZW	1EWA	1S13	0.86	Sc=6.51871, min distance = 2.151079
Q9NAV8_9ANNE	11957370		HMOX1_HUMAN	Fu	444124	HE	1OZW	1EWA	1TWN		Sc=6.44298, min distance = 2.239850
Q9NAV8_9ANNE	11957371		HMOX1_HUMAN	Fu	444124	HE	1OZW	1EWA	1TWR		Sc=6.45305, min distance = 2.312579
Q9NAV8_9ANNE	11957373		CATE_ECOLI	Fu	444124	HE	1IPH	1EWA	1P81	0.79	Sc=6.65289, min distance = 2.206890
Q9NAV8_9ANNE	11957385		MYG_PHYCA	Ful	444124	HE	1U7R	1EWA	2CMM		Sc=6.05614, min distance = 2.303149
Q9NAV8_9ANNE	16214774		CP51_MYCTU	Fu	444124	HE	2CIB	1EWA	2CI0	0.95	Sc=6.47666, min distance = 2.575370
Q9NAV8_9ANNE	16741062		MYG_PHYCA	Ful	444124	HE	1U7R	1EWA	1MBN	0.87	Sc=6.63989, min distance = 2.125526
Q9NAV8_9ANNE	16741183		CPXA_PSEPU	Fu	444124	HE	1RE9	1EWA	2ZAW	0.92	Sc=6.45683, min distance = 2.444656
Q9NAV8_9ANNE	444207	He	HBB_HORSE	Ful	444124	HE	1Y8I	1EWA	2ZLW	0.99	Sc=6.65289, min distance = 2.325384
Q9NAV8_9ANNE	444207	He	PER_COPCI	Ful	444124	HE	1LY9	1EWA	1LY8	0.99	Sc=6.58492, min distance = 2.113022
Q9NAV8_9ANNE	444668	CI	MYG_PHYCA	Ful	444124	HE	1U7R	1EWA	1BVD	0.84	Sc=6.00907, min distance = 2.249130
Q9NAV8_9ANNE	446189	CI	HBG1_HUMAN	Fu	444124	HE	1I3E	1EWA	1I3D	0.89	Sc=6.6637, min distance = 2.4510380
Q9Q288_9HIV1	392622	ri	POL_HV1BR	Ful	64143	nel	2PYN	1OHR	1RL8		Sc=5.91729, min distance = 1.895198
Q9RBY6_PSESY	3080614	C	HIF1N_HUMAN	Fu	51	2-Oxop	1H2L	2FCT	1H2K		Sc=5.67388, min distance = 2.802670
Q9RBY6_PSESY	3080614	C	JHD3A_HUMAN	Fu	51	2-Oxop	2Q8C	2FCT	2OX0		Sc=5.69341, min distance = 2.466842
Q9RFR0_RHOMR	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	2B07	1CXZ	0.99	Sc=6.0553, min distance = 2.1578110
Q9RFR0_RHOMR	444783	EN	MIF_HUMAN	Ful	311	citri	1GD0	2B04	1CA7		Sc=6.1665, min distance = 0.6392249
Q9RFR0_RHOMR	444845	1c	RASH_HUMAN	Fu	8977	1dar	2CE2	2B07	1CLU	0.97	Sc=5.83339, min distance = 2.055930
Q9RFR0_RHOMR	447979	5G	KGUA_ECOLI	Fu	8977	1dar	2AN9	2B07	2ANB		Sc=5.98777, min distance = 2.291159
Q9RFR0_RHOMR	449108	CI	FTSZ1_METJA	Fu	8977	1dar	2VAP	2B07	1W58	0.99	Sc=5.60701, min distance = 1.984060
Q9RFR0_RHOMR	5326975	5	KGUA_MYCTU	Fu	8977	1dar	1ZNY	2B07	1ZNX	0.99	Sc=5.98048, min distance = 2.419337
Q9RFR0_RHOMR	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2B07	2QME	0.99	Sc=6.08194, min distance = 2.309699
Q9RFR0_RHOMR	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2B07	121P	0.99	Sc=5.81137, min distance = 2.048314
Q9RGX9_9FLAO	444635	03	MBL1_RAT	Full	439353	be	2KMB	1URX	3KMB	0.9	Sc=5.64673, min distance = 1.603254
Q9RHG4_9CHRO	101798	Me	LEC_GALNI	Ful	185698	al	1JPC	1ZHS	1MSA	0.94	Sc=5.98132, min distance = 0.417458
Q9RHG4_9CHRO	126154	Cy	Q54276_SERMA	I	24139	ace	1UR9	1ZHS	1W1P		Sc=5.69173, min distance = 1.751800
Q9RHG4_9CHRO	445184	1,	NRAM_I56A2	Fu	439680	be	1V0Z	1ZHS	1W1X	0.89	Sc=5.71526, min distance = 1.672770
Q9RHG4_9CHRO	445184	1,	Q6PYX1_HUMAN	I	185698	al	1ZLS	1ZHS	1ZLW	0.89	Sc=5.93347, min distance = 0.729812
Q9RHZ6_ALIAC	79025	alg	CDGT2_BACCI	Fu	439341	ma	1KCL	1URG	1D3C	0.87	Sc=5.84332, min distance = 2.185847

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Q9RP17_NEIME	445987	1H	SQHC_ALIAC	Fu	5414	Octy	2SQC	1P4T	1H36		Sc=5.99851, min distance = 1.48591
Q9RX51_DEIRA	29435	1-D	CDGT_BACSO	Fu	64689	bet	1UKS	2BY0	1I75		Sc=5.77335, min distance = 2.32435
Q9RX51_DEIRA	440115	N	SFTPD_HUMAN	Fu	79025	alp	1PWB	2BHY	2ORJ		Sc=5.85243, min distance = 2.55333
Q9RYU4_DEIRA	24850913		NOS1_RAT	Full	444243	FA	1TLL	1YRH	3B3M		Sc=5.70117, min distance = 3.17195
Q9RYU4_DEIRA	449551	FM	FLAV_DESVH	Fu	444243	FA	1F4P	1YRH	5FX2	0.77	Sc=6.10331, min distance = 2.19639
Q9S7B3_URTDI	16058615		LYSC_CHICK	Fu	24139	ace	1LZB	1EHH	2H9J		Sc=5.77725, min distance = 2.24733
Q9SLV5_ARAHY	12136	Ber	POL_HV1N5	Ful	311	citri	2GON	1Z1E	9HVP		Sc=5.672, min distance = 11.834354
Q9SLV5_ARAHY	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1Z1E	1QGU	0.92	Sc=5.9995, min distance = 2.047388
Q9SLV5_ARAHY	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1Z1E	1QGU	0.92	Sc=6.0029, min distance = 2.194738
Q9SLV5_ARAHY	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1Z1E	1YBA	0.76	Sc=5.69982, min distance = 1.61864
Q9SPV4_CLABR	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1M6E	1JQE	0.95	Sc=6.54705, min distance = 2.32911
Q9SPV4_CLABR	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1M6E	1JG2	0.84	Sc=6.2931, min distance = 2.570029
Q9SPV4_CLABR	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1M6E	1NW6	0.88	Sc=6.59715, min distance = 2.09270
Q9VF15_DROME	11957363		HBB_HUMAN	Ful	444098	HE	1J40	2G3H	1RQA	0.77	Sc=6.67506, min distance = 1.90061
Q9VF15_DROME	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	2G3H	2CMM		Sc=6.21685, min distance = 2.09422
Q9VF15_DROME	16741061		MYG_PHYCA	Ful	444098	HE	1A6M	2G3H	1MBC	0.83	Sc=6.73559, min distance = 2.11010
Q9W3H4_DROME	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1SNY	1E7Y		Sc=6.02948, min distance = 2.51487
Q9W3H4_DROME	6022	Ader	HMDH_HUMAN	Fu	5886	NADF	1DQA	1SNY	1HW8		Sc=5.97633, min distance = 2.22725
Q9WU5_PSEPU	10365	Lut	JHD3A_HUMAN	Fu	51	2-Oxop	2Q8C	1OIK	2VD7		Sc=5.82878, min distance = 1.60870
Q9WU5_PSEPU	444591	CI	IDH_ECOLI	Ful	51	2-Oxop	1CW4	1OIK	1BL5		Sc=5.64286, min distance = 2.20260
Q9WXN8_THEMA	444809	Th	GUN5_BACAG	Fu	10712	cel	2A3H	2O7I	1H5V		Sc=5.84691, min distance = 2.00585
Q9WXN8_THEMA	445999	CI	GUN5_BACAG	Fu	10712	cel	2A3H	2O7I	1H5V		Sc=5.61221, min distance = 2.48676
Q9WXV1_THEMA	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	1VHN	1JRB		Sc=5.64709, min distance = 2.48833
Q9WXV1_THEMA	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1VHN	1LTD	0.77	Sc=5.80324, min distance = 2.38538
Q9WXW9_THEMA	445564	4	GUNG_CLOCE	Fu	64689	bet	1GA2	2H3H	1KFG	0.88	Sc=5.80993, min distance = 1.17636
Q9WXW9_THEMA	447607	1c	Q79G13_MYCTU	I	64689	bet	1UP0	2H3H	1UP2		Sc=5.85704, min distance = 2.18014
Q9WXW9_THEMA	6102765	C	Q9RX51_DEIRA	I	64689	bet	2BY0	2H3H	2BY2		Sc=5.67766, min distance = 2.00676
Q9WYC6_THEMA	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	2P2W	2H3E		Sc=6.13033, min distance = 0.93516
Q9WYC6_THEMA	439276	3-	TPIS_TRYBB	Fu	311	citri	2VEK	2P2W	6TIM		Sc=5.62129, min distance = 2.01067
Q9WYC6_THEMA	439554	fu	A2NHM3_MOUSE	I	311	citri	1ZEA	2P2W	1CLZ		Sc=5.79082, min distance = 0.93766
Q9WYC6_THEMA	4797	1tpw	TPIS_TRYBB	Fu	311	citri	2VEK	2P2W	1TTJ		Sc=5.6133, min distance = 1.920079
Q9WYC6_THEMA	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	2P2W	1YBA	0.76	Sc=5.71244, min distance = 1.95770
Q9WYC6_THEMA	8778	Laur	CTXA3_NAJAT	Fu	311	citri	1XT3	2P2W	1H0J		Sc=5.77231, min distance = 0.85318
Q9WYE8_THEMA	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1ZH8	2IZ1		Sc=6.17514, min distance = 2.20901
Q9WYE8_THEMA	448155	AD	ILV5_SPIOL	Fu	5886	NADF	1YVE	1ZH8	1QMG		Sc=6.67918, min distance = 1.77003
Q9WYS2_THEMA	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	1VL8	2IZ1		Sc=6.28951, min distance = 2.27003
Q9WYS2_THEMA	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1VL8	1E7Y		Sc=6.47927, min distance = 2.02291

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Q9WYV8_THEMA	445762	51	MTTA_THEAQ	Fu	34756	Acy	2ADM	1VQ1	2IH2	0.93	Sc=6.38258, min distance = 2.025742
Q9WYV8_THEMA	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1VQ1	1H1D	0.92	Sc=6.55702, min distance = 2.838742
Q9WYV8_THEMA	5326531	C	CHOMT_MEDSA	Fu	34756	Acy	1FPQ	1VQ1	1FP1	0.92	Sc=6.52717, min distance = 2.270644
Q9WZ12_THEMA	439153	Di	ADH1B_HUMAN	Fu	5893	nadi	1U3U	2HAE	1DEH	0.79	Sc=6.29418, min distance = 2.071310
Q9WZ12_THEMA	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	2HAE	1BDM	0.79	Sc=6.29856, min distance = 2.035220
Q9WZ12_THEMA	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2HAE	2FZE		Sc=6.15322, min distance = 1.933719
Q9WZ40_THEMA	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	1VMA	2H3E		Sc=6.09789, min distance = 1.377186
Q9WZ40_THEMA	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	1VMA	1QGU	0.92	Sc=6.03814, min distance = 1.790700
Q9WZ40_THEMA	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1VMA	1QGU	0.92	Sc=6.03814, min distance = 2.032030
Q9WZ40_THEMA	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1VMA	1YBA	0.76	Sc=5.78653, min distance = 2.141319
Q9WZ49_THEMA	1694	TBBt	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CE7	1P5E		Sc=5.72073, min distance = 1.790616
Q9WZ49_THEMA	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2CE7	1BS1	0.91	Sc=5.99586, min distance = 2.094046
Q9WZ49_THEMA	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2CE7	1W9I	0.91	Sc=6.4694, min distance = 2.0087450
Q9WZ49_THEMA	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CE7	1CKP		Sc=5.62251, min distance = 1.992740
Q9WZ49_THEMA	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CE7	1GZ8		Sc=6.20512, min distance = 1.785659
Q9WZ49_THEMA	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	2CE7	1LVK		Sc=6.54306, min distance = 1.808350
Q9WZ49_THEMA	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CE7	1PXI		Sc=5.77922, min distance = 1.716420
Q9WZ49_THEMA	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CE7	1E1V		Sc=6.18548, min distance = 2.309570
Q9WZ49_THEMA	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2CE7	2ERZ		Sc=6.20726, min distance = 2.089882
Q9WZ49_THEMA	5957	Ader	KTHY_HUMAN	Fu	6022	Aden	1NN3	2CE7	1E2Q	0.99	Sc=6.47541, min distance = 2.232646
Q9WZ49_THEMA	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2CE7	1W7A	0.99	Sc=6.48915, min distance = 1.891870
Q9WZ49_THEMA	5957	Ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2CE7	2C96	0.99	Sc=6.47968, min distance = 2.269090
Q9WZ49_THEMA	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2CE7	3C4W	0.99	Sc=6.48327, min distance = 1.775676
Q9WZ49_THEMA	5957	Ader	VG17_BPT4	Fu	6022	Aden	200J	2CE7	200H	0.99	Sc=6.47736, min distance = 2.213570
Q9WZ49_THEMA	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	2CE7	2J9C	0.99	Sc=6.51462, min distance = 1.629938
Q9WZ49_THEMA	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	2CE7	1DAG	0.99	Sc=6.05614, min distance = 2.390884
Q9WZ57_THEMA	6083	ader	HSP71_HUMAN	Fu	33113	gar	2E8A	1JCG	1XQS	0.97	Sc=6.37418, min distance = 2.509896
Q9WZC8_THEMA	24180721		PIM1_HUMAN	Fu	60961	ade	1YI4	2ZBV	3C4E		Sc=6.01482, min distance = 1.903910
Q9WZC8_THEMA	24851689		PIM1_HUMAN	Fu	60961	ade	1YI4	2ZBV	3CY2		Sc=6.20874, min distance = 2.215409
Q9WZC8_THEMA	8975	2-F1	SAHH_MYCTU	Fu	60961	ade	3CE6	2ZBV	2ZJ0	0.99	Sc=6.08888, min distance = 2.348295
Q9WZC8_THEMA	9842606	2	ADK_HUMAN	Fu	60961	ade	1BX4	2ZBV	2I6A		Sc=5.99896, min distance = 2.287264
Q9WZU0_THEMA	11708454		KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E4G	2VNW		Sc=6.08846, min distance = 2.542845
Q9WZU0_THEMA	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E4G	1YDS		Sc=5.87269, min distance = 2.287466
Q9WZU0_THEMA	440317	AT	PURT_ECOLI	Fu	5957	Aden	1KJ8	1E4G	1KJJ	0.99	Sc=6.01621, min distance = 1.216120
Q9WZU0_THEMA	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1E4G	1BS1	0.91	Sc=6.38867, min distance = 2.404405
Q9WZU0_THEMA	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	1E4G	1W9I	0.91	Sc=5.9269, min distance = 0
Q9WZU0_THEMA	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	1E4G	1COW	0.91	Sc=6.03385, min distance = 1.489500

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Q9WZU0_THEMA	448043	2d	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E4G	1Q8U		Sc=6.0221, min distance = 2.192879
Q9WZU0_THEMA	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E4G	1YDR		Sc=5.93439, min distance = 2.310100
Q9WZU0_THEMA	6022	Ader	ACT1_DROME	Fu	5957	Aden	2HF4	1E4G	2HF3	0.99	Sc=6.42391, min distance = 2.501894
Q9WZU0_THEMA	6022	Ader	ARSA1_ECOLX	Fu	5957	Aden	1II0	1E4G	1IHU	0.99	Sc=6.40423, min distance = 2.419624
Q9WZU0_THEMA	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1E4G	1DAD	0.99	Sc=6.40838, min distance = 2.293075
Q9WZU0_THEMA	6022	Ader	CLCN5_HUMAN	Fu	5957	Aden	2J9L	1E4G	2JA3	0.99	Sc=6.46179, min distance = 1.216150
Q9WZU0_THEMA	6022	Ader	DDL_THET8	Fu	5957	Aden	2ZDQ	1E4G	2ZDH	0.99	Sc=5.96079, min distance = 1.807142
Q9WZU0_THEMA	6022	Ader	HSP7F_YEAST	Fu	5957	Aden	3D2F	1E4G	3C7N	0.99	Sc=5.96467, min distance = 2.425200
Q9WZU0_THEMA	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1E4G	1OH7	0.99	Sc=5.95521, min distance = 1.181929
Q9WZU0_THEMA	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	1E4G	2YZL	0.99	Sc=6.40913, min distance = 2.008286
Q9WZU0_THEMA	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1E4G	3ETJ	0.99	Sc=5.95286, min distance = 2.434700
Q9WZU0_THEMA	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	1E4G	2R7N	0.99	Sc=5.95358, min distance = 2.093680
Q9WZU0_THEMA	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1E4G	2BEJ	0.99	Sc=6.42175, min distance = 2.184396
Q9WZU0_THEMA	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	1E4G	2VT2	0.99	Sc=6.40838, min distance = 2.202684
Q9WZU0_THEMA	6022	Ader	RK_BOVIN	Full	5957	Aden	3C4W	1E4G	3C4Z	0.99	Sc=6.39694, min distance = 2.418437
Q9WZU0_THEMA	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1E4G	2R7M	0.98	Sc=5.85757, min distance = 2.651624
Q9WZU0_THEMA	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1E4G	2R85	0.98	Sc=6.34466, min distance = 2.111275
Q9WZU0_THEMA	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1E4G	2J9D	0.98	Sc=6.32842, min distance = 2.210594
Q9WZU0_THEMA	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1E4G	2GNI		Sc=5.91836, min distance = 2.419939
Q9WZU0_THEMA	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	1E4G	1DAG	0.99	Sc=6.4948, min distance = 2.034151
Q9WZU0_THEMA	91532	AME	NIFH1_AZOVI	Fu	5957	Aden	2C8V	1E4G	2AFK	0.99	Sc=6.50232, min distance = 1.800048
Q9WZV7_THEMA	10403821		HS90A_HUMAN	Fu	6022	Aden	1BYQ	2C2A	3BM9		Sc=6.20746, min distance = 2.367849
Q9WZV7_THEMA	164628	de	PMS2_HUMAN	Fu	6022	Aden	1EA6	2C2A	1H7U		Sc=6.02227, min distance = 2.333329
Q9WZV7_THEMA	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	2C2A	1GJV	0.99	Sc=6.02364, min distance = 2.599235
Q9WZV7_THEMA	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2C2A	1CKP		Sc=5.61221, min distance = 2.266097
Q9WZV7_THEMA	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2C2A	1HIY	0.97	Sc=6.00057, min distance = 2.209457
Q9WZV7_THEMA	5327103	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2C2A	2BYH		Sc=6.53575, min distance = 2.247395
Q9WZV7_THEMA	5957	Ader	PDK2_HUMAN	Fu	6022	Aden	2BU8	2C2A	2BU2	0.99	Sc=6.03284, min distance = 2.396504
Q9WZV7_THEMA	6031	Uric	O33839_THEMA	1	6022	Aden	1XJK	2C2A	1XJG		Sc=5.92328, min distance = 1.852152
Q9WZV7_THEMA	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2C2A	2VII	0.99	Sc=6.36603, min distance = 2.216939
Q9WZV7_THEMA	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2C2A	2DXF	0.8	Sc=5.95567, min distance = 2.370550
Q9WZV7_THEMA	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2C2A	1QYE	0.89	Sc=6.16992, min distance = 2.372564
Q9WZV7_THEMA	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2C2A	2DXE	0.8	Sc=6.01229, min distance = 2.368860
Q9WZW1_THEMA	164628	de	PMS2_HUMAN	Fu	6022	Aden	1EA6	1T6X	1H7U		Sc=5.98559, min distance = 1.622632
Q9WZW1_THEMA	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	1T6Y	3C4E		Sc=6.01625, min distance = 2.313555
Q9WZW1_THEMA	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1T6Y	1GFZ		Sc=5.88079, min distance = 2.246892
Q9WZW1_THEMA	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1T6X	2ZGZ	0.79	Sc=5.74434, min distance = 1.779522

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Q9WZW1_THEMA	440317 AT	BCKD_RAT Full-	6022 Aden	1GKZ	1T6X	1GJV	0.99	Sc=5.9796, min distance = 1.858088
Q9WZW1_THEMA	448222 NE	ENPL_CANFA Fu.	6022 Aden	1TC6	1T6X	1QY5	0.81	Sc=5.99575, min distance = 2.145320
Q9WZW1_THEMA	51 2-Oxop	SERA_ECOLI Fu.	311 citri	2P9E	1MRZ	1YBA	0.76	Sc=5.67797, min distance = 1.552857
Q9WZW1_THEMA	5327121 I	PIM1_HUMAN Fu.	6083 aden	1YXU	1T6Y	2C3I		Sc=6.30014, min distance = 1.062874
Q9WZW1_THEMA	5957 Ader	Y059_METJA Fu.	6022 Aden	2J9D	1T6X	2J9C	0.99	Sc=6.02958, min distance = 1.762137
Q9WZW1_THEMA	611002 Op	PIM1_HUMAN Fu.	6083 aden	1YXU	1T6Y	1YXX		Sc=6.22823, min distance = 0.868479
Q9WZW1_THEMA	65110 AIC	YL28_SCHPO Fu.	6083 aden	200X	1T6Y	2QRE	0.79	Sc=6.31269, min distance = 1.849362
Q9WZW1_THEMA	65533 cor	O57693_THETE I	6083 aden	1UXU	1T6Y	1UXT		Sc=5.9636, min distance = 1.905449
Q9WZW1_THEMA	656966 1y	PDE4D_HUMAN Fu	6083 aden	1TB7	1T6Y	1Y2E		Sc=6.10296, min distance = 2.074232
Q9WZW1_THEMA	656968 1y	PDE4B_HUMAN Fu	6083 aden	1ROR	1T6Y	1Y2H		Sc=5.9783, min distance = 1.837792
Q9WZW1_THEMA	657135 Op	PIM1_HUMAN Fu.	6083 aden	1YXU	1T6Y	1YXV		Sc=5.76418, min distance = 2.640677
Q9WZW1_THEMA	8158 Pela	ALBU_HUMAN Fu.	311 citri	1TF0	1MRZ	1E7E		Sc=5.72966, min distance = 0.419698
Q9WZW1_THEMA	8180 UNDE	ALBU_HUMAN Fu.	311 citri	1TF0	1MRZ	1E7F		Sc=5.62647, min distance = 2.062711
Q9WZW1_THEMA	8582 Inos	PYGM_RABIT Fu.	6083 aden	8GPB	1T6Y	2QN7	0.79	Sc=6.35386, min distance = 2.017880
Q9WZW1_THEMA	8778 Laur	CTXA3_NAJAT Fu	311 citri	1XT3	1MRZ	1H0J		Sc=5.62433, min distance = 1.025578
Q9WZW1_THEMA	8977 1dar	PARM_ECOLX Fu.	6022 Aden	1MWM	1T6X	2ZGY	0.8	Sc=6.45843, min distance = 1.898452
Q9X022_THEMA	15942680	6PGD_LACLM Fu.	5886 NADF	2IZ0	1O2D	2IZ1		Sc=5.99693, min distance = 1.971288
Q9X0A2_THEMA	15942680	6PGD_LACLM Fu.	5886 NADF	2IZ0	1VP5	2IZ1		Sc=6.20026, min distance = 2.278225
Q9X0M3_THEMA	6022 Ader	HSP7F_YEAST Fu	5957 Aden	3D2F	1JI0	3C7N	0.99	Sc=5.92172, min distance = 2.200674
Q9X0M3_THEMA	6022 Ader	REX_BACSU Ful.	5957 Aden	2VT3	1JI0	2VT2	0.99	Sc=6.24707, min distance = 1.056474
Q9X0M3_THEMA	6022 Ader	Y059_METJA Fu.	5957 Aden	2J9C	1JI0	2J9D	0.99	Sc=5.78073, min distance = 2.045998
Q9X0V0_THEMA	854023 Eg	Q8WSF8_APLCA I	23831 HEP	2BR7	1VR5	2BYQ		Sc=5.964, min distance = 0.71582679
Q9X1F0_THEMA	11970 2-H	ALDR_HUMAN Fu.	311 citri	1US0	1VKF	2INZ		Sc=5.77737, min distance = 2.517637
Q9X1F0_THEMA	12793 Phe	SRC_HUMAN Ful.	311 citri	1O4L	1VKF	1O4O		Sc=5.73638, min distance = 1.345661
Q9X1F0_THEMA	447532 1c	SRC_HUMAN Ful.	311 citri	1O4L	1VKF	1O4H		Sc=6.06405, min distance = 2.155029
Q9X1F0_THEMA	51 2-Oxop	SERA_ECOLI Fu.	311 citri	2P9E	1VKF	1YBA	0.76	Sc=5.64043, min distance = 2.550119
Q9X1F0_THEMA	8158 Pela	ALBU_HUMAN Fu.	311 citri	1TF0	1VKF	1E7E		Sc=5.81438, min distance = 1.149291
Q9X1F0_THEMA	999 Benze	ALDR_HUMAN Fu.	311 citri	1US0	1VKF	2INE		Sc=5.66115, min distance = 1.219659
Q9X1T2_THEMA	108714 9-	URIC_ASPFL Fu.	764 guani	1XT4	1VMK	1R4S		Sc=5.97471, min distance = 2.301658
Q9X1T2_THEMA	1188 xant	XGPT_ECOLI Fu.	764 guani	1A95	1VMK	1A96	0.92	Sc=5.85034, min distance = 2.608091
Q9X1T2_THEMA	242831 2-	TGT_ZYMMO Ful.	764 guani	2PWU	1VMK	1S39		Sc=5.96437, min distance = 2.262040
Q9X1T2_THEMA	4369374 5	URIC_ASPFL Fu.	764 guani	1XT4	1VMK	1WRR		Sc=5.83842, min distance = 2.119151
Q9X1T2_THEMA	447262 CI	TGT_ZYMMO Ful.	764 guani	2PWU	1VMK	2Z1W	0.76	Sc=6.15544, min distance = 2.014771
Q9X1T2_THEMA	448488 1s	TGT_ZYMMO Ful.	764 guani	2PWU	1VMK	1S38		Sc=6.02165, min distance = 2.217684
Q9X1T2_THEMA	4604 Oxor	URIC_ASPFL Fu.	764 guani	1XT4	1VMK	1R4U		Sc=5.81465, min distance = 2.363460
Q9X1T2_THEMA	5287547 6	PURR_ECOLI Fu.	764 guani	1WET	1VMK	2PUA		Sc=5.77823, min distance = 2.706759
Q9X1T2_THEMA	5326622 C	URIC_ASPFL Fu.	764 guani	1XT4	1VMK	3BJP		Sc=5.91482, min distance = 1.868234

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Q9X1T2_THEMA	76726	5,6	URIC_ASPFL	Fu:	764	guani	1XT4	1VMK	1WS2		Sc=5.76239, min distance = 2.29829
Q9X1T2_THEMA	8646	Guar	PNPH_HUMAN	Fu:	764	guani	1V2H	1VMK	1V41		Sc=5.81634, min distance = 2.59730
Q9X264_THEMA	311	citri	ANT3_HUMAN	Fu:	82313	1rd	1JVQ	1PW5	2ZNH		Sc=5.8428, min distance = 2.085176
Q9X264_THEMA	439710	rh	UGL_BACGL	Fu:	82313	1rd	2FV1	1PW5	2FV0		Sc=5.65049, min distance = 1.59188
Q9X264_THEMA	446882	CI	PPAP_HUMAN	Fu:	82313	1rd	1ND5	1PW5	1ND6		Sc=5.76203, min distance = 2.16669
Q9X266_THEMA	1051	Code	HEM1_RHOCA	Fu:	445062	CI	2BWP	1LW5	2BWO	0.86	Sc=6.05697, min distance = 1.55176
Q9X2E8_THEMA	16741136		DYR_ECOLI	Fu:	5886	NADF	1RA2	2HXV	1RX9	1	Sc=5.70375, min distance = 2.37688
Q9X4K7_STRCO	446903	NO	AVID_CHICK	Fu:	171548	bi	2JGS	1XNY	1LDO	0.99	Sc=6.1082, min distance = 1.307895
Q9X4K7_STRCO	73318	8-C	AVID_CHICK	Fu:	171548	bi	2JGS	1XNY	2A5B		Sc=6.2931, min distance = 0.397016
Q9X5N2_MYXXA	3371	fluf	ANDR_HUMAN	Fu:	78165	MES	2PNU	2BKL	2PIX		Sc=5.9571, min distance = 2.349501
Q9X9I8_YEREN	8180	UNDE	ALBU_HUMAN	Fu:	338	salic	2I2Z	2FN1	1E7F		Sc=5.94246, min distance = 1.37251
Q9XB59_ERWCA	3080614	C	HIF1A_HUMAN	Fu:	51	2-Oxop	1H2L	1NX8	1H2K		Sc=5.65876, min distance = 2.70067
Q9XB59_ERWCA	3080614	C	HIF1N_HUMAN	Fu:	51	2-Oxop	1H2L	1NX8	1H2K		Sc=5.65876, min distance = 2.70919
Q9XB59_ERWCA	3080614	C	JHD3A_HUMAN	Fu:	51	2-Oxop	2Q8C	1NX8	2OX0		Sc=5.67011, min distance = 2.78654
Q9XB61_ERWCA	5957	Ader	PANC_MYCTU	Fu:	91557	1tr	1N2E	1Q19	2A84	0.99	Sc=6.5014, min distance = 1.951868
Q9XB61_ERWCA	6083	ader	BLS_STRCL	Fu:	91557	1tr	1JGT	1Q19	1MC1	0.97	Sc=6.37245, min distance = 2.45267
Q9XB61_ERWCA	6083	ader	NADE_BACAN	Fu:	91557	1tr	2PZ8	1Q19	2PZA	0.97	Sc=6.35869, min distance = 2.84557
Q9XB61_ERWCA	6083	ader	PANC_MYCTU	Fu:	91557	1tr	1N2E	1Q19	2A7X	0.97	Sc=6.40649, min distance = 1.84332
Q9XEI3_HORVD	6914591	E	A2NHM3_MOUSE	Fu:	439554	fu	1CLZ	1X38	2CJU		Sc=6.2384, min distance = 2.240502
Q9XEI3_HORVD	79025	alg	MALE_ECOLI	Fu:	64960	Pol	1LAX	1EX1	1ANF	0.89	Sc=5.8653, min distance = 0.606172
Q9XEI3_HORVD	95259	L-x	XYLA_STRRU	Fu:	64960	Pol	1XIE	1EX1	1XIC		Sc=5.69982, min distance = 2.12309
Q9XFX3_CYNCA	445686	CI	CARP_YEAST	Fu:	185698	al	1DPJ	1B5F	1FQ4		Sc=5.69273, min distance = 1.46639
Q9YAQ8_AERPE	100684	9-	RICI_RICCO	Fu:	190	adeni	2P8N	1WTA	1IL4		Sc=5.87488, min distance = 2.47117
Q9YAQ8_AERPE	11979	5-M	COBT_SALTY	Fu:	190	adeni	1JH8	1WTA	1JHM		Sc=5.69643, min distance = 2.50410
Q9YAQ8_AERPE	5287547	6	PURR_ECOLI	Fu:	190	adeni	2PUB	1WTA	2PUA	0.9	Sc=5.78164, min distance = 2.31872
Q9YAQ8_AERPE	5287830	6	Q8RLY5_LACHE	Fu:	190	adeni	1S2D	1WTA	1S2I	0.93	Sc=5.68859, min distance = 2.55369
Q9YAQ8_AERPE	675	Dimec	COBT_SALTY	Fu:	190	adeni	1JH8	1WTA	1DOS		Sc=5.76592, min distance = 2.28931
Q9YAQ8_AERPE	764	guani	PURR_ECOLI	Fu:	190	adeni	2PUB	1WTA	1WET		Sc=5.84608, min distance = 2.46498
Q9YAQ8_AERPE	790	hypox	PURR_ECOLI	Fu:	190	adeni	2PUB	1WTA	1JFT		Sc=5.75384, min distance = 2.52870
Q9YAQ8_AERPE	96253	7-I	RICI_RICCO	Fu:	190	adeni	2P8N	1WTA	1IL3		Sc=5.87958, min distance = 2.46513
Q9YFU8_AERPE	15993	dAT	PRIM_BPT7	Fu:	33113	gar	1E0J	1W5T	1CR2	0.97	Sc=6.49236, min distance = 1.90761
Q9YFU8_AERPE	3064778	H	ROCK1_HUMAN	Fu:	33113	gar	2V55	1W5T	2ETK		Sc=6.13126, min distance = 1.67443
Q9YFU8_AERPE	3547	Fasu	ROCK1_HUMAN	Fu:	33113	gar	2V55	1W5T	2ESM		Sc=5.95819, min distance = 2.03050
Q9YFU8_AERPE	444564	AD	MYS2_DICDI	Fu:	33113	gar	1MMN	1W5T	1W9I	0.91	Sc=6.46237, min distance = 2.38461
Q9YFU8_AERPE	445966	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W5S	1H0V		Sc=6.23707, min distance = 1.93361
Q9YFU8_AERPE	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W5S	1E1V		Sc=6.18548, min distance = 1.80125
Q9YFU8_AERPE	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1W5S	1H1R		Sc=6.40755, min distance = 1.32063

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Q9YFU8_AERPE	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1W5S	1A82	0.99	Sc=6.49477, min distance = 2.554112
Q9YFU8_AERPE	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1W5S	3C4W	0.99	Sc=6.48085, min distance = 1.976256
Q9YFU8_AERPE	5957	Ader	SECA_ECOLI	Fu	6022	Aden	2FSI	1W5S	2FSG	0.99	Sc=6.48384, min distance = 2.141432
Q9YFU8_AERPE	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	1W5T	3CJ7	0.97	Sc=6.36062, min distance = 2.245707
Q9YFU8_AERPE	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1W5T	1Q97	0.93	Sc=6.25098, min distance = 2.057506
Q9YFU8_AERPE	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1W5S	1Q97	0.95	Sc=6.2974, min distance = 2.2684704
Q9YFU8_AERPE	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1W5S	2PO2		Sc=6.33681, min distance = 2.099390
Q9YFU8_AERPE	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1W5S	2PO2		Sc=6.33191, min distance = 2.367257
Q9YFU8_AERPE	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1W5S	1DAG	0.99	Sc=6.52064, min distance = 2.222199
Q9YFU8_AERPE	91532	AME	KIF1A_MOUSE	Fu	33113	gar	1VFV	1W5T	1I6I	0.99	Sc=6.51429, min distance = 2.194906
Q9YFU8_AERPE	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	1W5S	2PUL	0.99	Sc=6.5119, min distance = 1.9265710
Q9ZB17_9LACT	11550797		PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	2FET		Sc=6.2135, min distance = 2.3592108
Q9ZB17_9LACT	21678292		PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	3BD8		Sc=6.11537, min distance = 2.392051
Q9ZB17_9LACT	24864076		PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	2QRH		Sc=6.19496, min distance = 2.191914
Q9ZB17_9LACT	4369162	1	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1HLF		Sc=6.07153, min distance = 2.371372
Q9ZB17_9LACT	444393	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1AXR		Sc=5.86672, min distance = 1.876704
Q9ZB17_9LACT	445722	1-	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1FU7		Sc=6.04634, min distance = 2.244801
Q9ZB17_9LACT	445825	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1GG8		Sc=5.91148, min distance = 2.147790
Q9ZB17_9LACT	447413	NT	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1NOJ		Sc=5.87857, min distance = 2.023790
Q9ZB17_9LACT	447771	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1P4J		Sc=5.97621, min distance = 2.325530
Q9ZB17_9LACT	449515	CI	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	4GPB	0.83	Sc=5.92222, min distance = 1.962724
Q9ZB17_9LACT	64960	Pol	XYLA_STRRU	Fu	79025	alp	1XIF	1NSZ	1XIE	0.89	Sc=5.68442, min distance = 2.194816
Q9ZB17_9LACT	656959	GI	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1XC7		Sc=6.05858, min distance = 1.968459
Q9ZB17_9LACT	657042	CH	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1KXX		Sc=6.2452, min distance = 2.4719476
Q9ZB17_9LACT	657043	CH	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1XL0		Sc=6.03169, min distance = 2.325819
Q9ZB17_9LACT	657044	CH	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	1XL1		Sc=6.16054, min distance = 2.419047
Q9ZB17_9LACT	82313	1rc	LECG_ARAHY	Fu	79025	alp	1V6I	1NSZ	1CIW		Sc=6.07212, min distance = 1.361841
Q9ZB17_9LACT	9860102	G	PYGM_RABIT	Fu	79025	alp	1H5U	1NSZ	2G9R		Sc=6.04121, min distance = 2.349500
Q9ZFY9_COMTE	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1FK8	1I3K	0.79	Sc=6.74732, min distance = 2.391752
Q9ZFY9_COMTE	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1FK8	1V35	0.79	Sc=6.74741, min distance = 2.274711
Q9ZFY9_COMTE	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1FK8	1B15	0.76	Sc=6.79689, min distance = 1.804270
Q9ZFY9_COMTE	444428	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1FK8	1B16	0.77	Sc=6.81951, min distance = 2.001421
Q9ZFY9_COMTE	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1FK8	2FZE		Sc=6.1914, min distance = 1.1979987
Q9ZFY9_COMTE	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1FK8	2NV6	0.93	Sc=6.83001, min distance = 2.376520
Q9ZGH3_9ACTO	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1R6D	1I3K	0.79	Sc=6.78309, min distance = 2.490841
Q9ZGH3_9ACTO	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1R6D	1UDB	0.79	Sc=6.78116, min distance = 2.442679
Q9ZGH3_9ACTO	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1R6D	1V35	0.79	Sc=6.77086, min distance = 2.208936

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Q9ZGH3_9ACTO	445794 Ad	ADHX_HUMAN	Fu: 5893 nadi	2FZW	1R6D	2FZE		Sc=6.65136, min distance = 2.326469
Q9ZGH3_9ACTO	5957 Ader	MAOM_HUMAN	Fu: 5893 nadi	1PJ3	1R6D	1GZ4		Sc=6.52723, min distance = 1.527580
Q9ZQY5_HELTV	101798 Me	LEC1_LATOC	Fu: 185698 al	1LOG	1C3M	1LOB	0.94	Sc=5.75342, min distance = 2.487404
Q9ZQY5_HELTV	151504 D-	CONA_CANEN	Fu: 185698 al	1CVN	1C3M	1I3H		Sc=5.66805, min distance = 2.393970
Q9ZQY5_HELTV	445948 D-	Q9HYN5_PSEAE	Fu: 185698 al	1OVS	1C3M	1OXC		Sc=5.67529, min distance = 2.145689
QACR_STAAM	F1 2354 Dimi	QACR_STAAU	Fu: 2993 dequ	1JT6	3BT9	2GBY		Sc=6.42443, min distance = 1.338426
QACR_STAAU	F1 1746 CID1	THRB_HUMAN	Fu: 7099 Prof	1BCU	1QVT	1C5N		Sc=5.68917, min distance = 2.479850
QACR_STAAU	F1 445001 CI	THRB_HUMAN	Fu: 7099 Prof	1BCU	1QVT	1D6W		Sc=5.93987, min distance = 2.497710
QCR9_BOVIN	F1 444279 1s	OMPG_ECOLI	Fu: 62852 B-C	2IWW	1BCC	2IWW		Sc=5.81647, min distance = 1.581380
QHED_COMTE	F1 11987682	DHM1_METME	Fu: 5326460 F	2AD8	1KB0	2AD6	0.83	Sc=6.56467, min distance = 2.405029
QORX_HUMAN	F1 440334 Ni	DAPB_ECOLI	Fu: 5886 NADF	1DIH	2J8Z	1DRW	0.91	Sc=6.30185, min distance = 2.155867
QOR_HUMAN	Fu: 440141 9i	DHB1_HUMAN	Fu: 5886 NADF	1QYV	1YB5	1QYW		Sc=6.31179, min distance = 2.076209
QOR_HUMAN	Fu: 440334 Ni	DAPB_ECOLI	Fu: 5886 NADF	1DIH	1YB5	1DRW	0.91	Sc=6.00624, min distance = 2.002990
QUEA_THET2	F1 12136 Ber	POL_HV1N5	Fu: 311 citri	2GON	1WDI	9HVP		Sc=5.68804, min distance = 0.560629
QUEA_THET2	F1 51 2-Oxop	SERA_ECOLI	Fu: 311 citri	2P9E	1WDI	1YBA	0.76	Sc=5.73796, min distance = 1.128466
QUEF_VIBCH	F1 11287125	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	2BBF		Sc=6.19613, min distance = 2.185500
QUEF_VIBCH	F1 1188 xant	XGPT_ECOLI	Fu: 764 guani	1A95	3BP1	1A96	0.92	Sc=5.88421, min distance = 2.523609
QUEF_VIBCH	F1 15113 Xar	URIC_ASPFL	Fu: 764 guani	1XT4	3BP1	2IBA		Sc=5.85925, min distance = 2.593298
QUEF_VIBCH	F1 16758215	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	2PWV		Sc=6.0485, min distance = 2.1947339
QUEF_VIBCH	F1 171 preQ1	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	3BLD		Sc=6.07191, min distance = 2.447540
QUEF_VIBCH	F1 242831 2-	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	1S39		Sc=5.99805, min distance = 2.512902
QUEF_VIBCH	F1 446357 7-	ATGT_PYRHO	Fu: 764 guani	1IT7	3BP1	1IT8		Sc=6.06975, min distance = 2.508364
QUEF_VIBCH	F1 446357 7-	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	1P0B		Sc=6.06162, min distance = 2.569612
QUEF_VIBCH	F1 447262 CI	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	2Z1W	0.76	Sc=6.22067, min distance = 2.179362
QUEF_VIBCH	F1 448010 1c	TGT_ZYMMO	Fu: 764 guani	2PWU	3BP1	1R5Y		Sc=6.07991, min distance = 2.456518
QUEF_VIBCH	F1 5326622 C	URIC_ASPFL	Fu: 764 guani	1XT4	3BP1	3BJP		Sc=5.91358, min distance = 2.438200
QUEF_VIBCH	F1 76726 5,6	URIC_ASPFL	Fu: 764 guani	1XT4	3BP1	1WS2		Sc=5.82123, min distance = 2.536346
QUEF_VIBCH	F1 8646 Guar	PNPH_HUMAN	Fu: 764 guani	1V2H	3BP1	1V41		Sc=5.85189, min distance = 2.796310
RAB18_HUMAN	I 444845 1c	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1X3S	1CLU	0.99	Sc=6.5635, min distance = 2.4368662
RAB18_HUMAN	I 446248 CI	RAN_HUMAN	Fu: 36735 Gpp	1K5D	1X3S	1IBR		Sc=6.55263, min distance = 2.311204
RAB18_HUMAN	I 446248 CI	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1X3S	1IAQ		Sc=6.17544, min distance = 2.399357
RAB18_HUMAN	I 93082 Gab	FTSY_THEAQ	Fu: 36735 Gpp	2J7P	1X3S	1RJ9	0.99	Sc=6.57421, min distance = 2.324619
RAB18_HUMAN	I 93082 Gab	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1X3S	121P	0.99	Sc=6.56518, min distance = 2.475106
RAB1A_HUMAN	I 37792 gar	GNAI1_RAT	Fu: 8977 1dar	1SVK	2FOL	1AS0	0.99	Sc=6.51613, min distance = 2.086369
RAB1A_HUMAN	I 37792 gar	RAB6B_HUMAN	Fu: 8977 1dar	2E9S	2FOL	2FFQ	0.99	Sc=6.52632, min distance = 2.470712
RAB1A_HUMAN	I 37792 gar	RB11A_HUMAN	Fu: 8977 1dar	1OIX	2FOL	1OIW	0.99	Sc=6.50516, min distance = 2.665740
RAB1A_HUMAN	I 37792 gar	RHOA_HUMAN	Fu: 8977 1dar	1TX4	2FOL	1CXZ	0.99	Sc=6.17377, min distance = 2.201186

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RAB1A_HUMAN	1	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2FOL	1GNP		Sc=6.71102, min distance = 2.020628
RAB1A_HUMAN	1	445873	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2FOL	2CL6		Sc=6.73457, min distance = 2.226168
RAB1A_HUMAN	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2FOL	1IBR		Sc=6.53954, min distance = 2.304702
RAB1A_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2FOL	1IAQ		Sc=6.52283, min distance = 2.345836
RAB1A_HUMAN	1	5496555	C	RASH_HUMAN	Fu	8977	1dar	2CE2	2FOL	2EVW		Sc=6.28536, min distance = 2.234237
RAB1A_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2FOL	1G7C	0.99	Sc=6.0637, min distance = 2.6713174
RAB1A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2FOL	2ODB	0.99	Sc=6.56077, min distance = 2.517520
RAB1A_HUMAN	1	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	2FOL	2J7K	0.99	Sc=6.53762, min distance = 2.070024
RAB1A_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	8977	1dar	2IYL	2FOL	1RJ9	0.99	Sc=6.59245, min distance = 2.055220
RAB1A_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2FOL	2QME	0.99	Sc=6.22696, min distance = 2.397992
RAB1A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2FOL	121P	0.99	Sc=6.55157, min distance = 2.501859
RAB21_HUMAN	1	18396	GDF	PIMA_MYCLE	Fu	8977	1dar	2GEK	1Z0I	2GEJ	0.92	Sc=6.20063, min distance = 2.044579
RAB21_HUMAN	1	37792	gan	GNAI1_RAT	Fu	8977	1dar	1SVK	1Z0I	1AS0	0.99	Sc=6.48679, min distance = 2.486567
RAB21_HUMAN	1	37792	gan	GNAT1_BOVIN	Fu	8977	1dar	1TAD	1Z0I	1TND	0.99	Sc=6.51005, min distance = 2.217027
RAB21_HUMAN	1	37792	gan	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1Z0I	2FFQ	0.99	Sc=6.49652, min distance = 2.331344
RAB21_HUMAN	1	37792	gan	RB11A_HUMAN	Fu	8977	1dar	1OIX	1Z0I	1OIW	0.99	Sc=6.48734, min distance = 2.641959
RAB21_HUMAN	1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1Z08	1CLU	0.99	Sc=6.57429, min distance = 2.329288
RAB21_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1Z08	1GNP		Sc=6.32486, min distance = 2.183188
RAB21_HUMAN	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	1Z0I	1IBR		Sc=6.17447, min distance = 2.264330
RAB21_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0I	1IAQ		Sc=6.49862, min distance = 2.371940
RAB21_HUMAN	1	5496554	C	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0I	1GNQ		Sc=6.6921, min distance = 2.2777769
RAB21_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1Z0I	1G7C	0.99	Sc=6.04529, min distance = 2.651814
RAB21_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1Z0I	2ODB	0.99	Sc=6.53989, min distance = 2.364189
RAB21_HUMAN	1	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	1Z0I	2J7K	0.99	Sc=6.51721, min distance = 2.018629
RAB21_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1Z08	1RJ9	0.99	Sc=6.57783, min distance = 2.344730
RAB21_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1Z0I	2QME	0.99	Sc=6.53707, min distance = 2.564408
RAB21_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1Z08	121P	0.99	Sc=6.5763, min distance = 2.3503544
RAB21_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0I	121P	0.99	Sc=6.21302, min distance = 2.237549
RAB23_MOUSE	1	445404	7	PAP2_VACCW	Fu	8977	1dar	1JTF	1Z2A	4DCG	0.93	Sc=5.96105, min distance = 2.800737
RAB23_MOUSE	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1Z2A	1G7C	0.99	Sc=6.43401, min distance = 2.537110
RAB25_HUMAN	1	37792	gan	RAB6B_HUMAN	Fu	8977	1dar	2E9S	2OIL	2FFQ	0.99	Sc=6.5254, min distance = 2.3704197
RAB25_HUMAN	1	37792	gan	RAC1_HUMAN	Fu	8977	1dar	1RYF	2OIL	2FJU	0.99	Sc=6.53133, min distance = 2.454359
RAB25_HUMAN	1	37792	gan	RHOA_HUMAN	Fu	8977	1dar	1TX4	2OIL	1CXZ	0.99	Sc=6.53055, min distance = 2.172669
RAB25_HUMAN	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2OIL	1IBR		Sc=6.19468, min distance = 2.088784
RAB25_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2OIL	1IAQ		Sc=6.5203, min distance = 2.2937528
RAB25_HUMAN	1	5496554	C	RASH_HUMAN	Fu	8977	1dar	2CE2	2OIL	1GNQ		Sc=6.26994, min distance = 2.220290
RAB25_HUMAN	1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	2OIL	1WAJ	0.99	Sc=6.42525, min distance = 2.045118

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RAB25_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2OIL	1G7C	0.99	Sc=6.42454, min distance = 2.722310
RAB25_HUMAN	1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	2OIL	1IWE	0.99	Sc=6.40532, min distance = 2.556520
RAB25_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2OIL	2ODB	0.99	Sc=6.5599, min distance = 2.2654570
RAB25_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2OIL	2QME	0.99	Sc=6.5533, min distance = 2.4999060
RAB26_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2G6B	1GNP		Sc=6.71514, min distance = 2.504850
RAB26_HUMAN	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	2G6B	1IBR		Sc=6.108, min distance = 2.33772770
RAB26_HUMAN	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2G6B	1IAQ		Sc=6.52883, min distance = 2.153800
RAB26_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	2G6B	1RJ9	0.99	Sc=6.12661, min distance = 2.237420
RAB26_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2G6B	121P	0.99	Sc=6.11907, min distance = 2.502750
RAB28_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3E5H	1GNP		Sc=6.72462, min distance = 2.214690
RAB28_HUMAN	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	3E5H	1IBR		Sc=6.54936, min distance = 2.188310
RAB28_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3E5H	121P	0.99	Sc=6.56651, min distance = 2.535810
RAB2A_HUMAN	1	37792	gar	GNAI1_RAT	Fu	8977	1dar	1SVK	1Z0A	1AS0	0.99	Sc=5.75937, min distance = 2.054330
RAB2A_HUMAN	1	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1Z0A	2FFQ	0.99	Sc=6.50516, min distance = 1.910570
RAB2A_HUMAN	1	445873	CA	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0A	2CL6		Sc=5.97835, min distance = 2.012730
RAB2A_HUMAN	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	1Z0A	1IBR		Sc=6.09225, min distance = 2.318300
RAB2A_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0A	1IAQ		Sc=6.13883, min distance = 2.507460
RAB2A_HUMAN	1	5496554	C	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0A	1GNQ		Sc=5.7913, min distance = 2.3453700
RAB2A_HUMAN	1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1Z0A	1WAJ	0.99	Sc=6.39741, min distance = 2.038200
RAB2A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1Z0A	2ODB	0.99	Sc=5.81508, min distance = 2.100880
RAB2A_HUMAN	1	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	1Z0A	2J7K	0.99	Sc=6.07961, min distance = 2.111820
RAB30_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2EW1	1GNP		Sc=5.74619, min distance = 2.325960
RAB30_HUMAN	1	445873	CA	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2EW1	2CL6		Sc=6.7365, min distance = 2.1942750
RAB30_HUMAN	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2EW1	1IAQ		Sc=6.15367, min distance = 2.275010
RAB30_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2EW1	121P	0.99	Sc=6.55056, min distance = 2.487750
RAB31_HUMAN	1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2FG5	1CLU	0.99	Sc=6.56493, min distance = 2.189950
RAB31_HUMAN	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	2FG5	1IBR		Sc=6.54968, min distance = 2.212610
RAB31_HUMAN	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2FG5	1IAQ		Sc=6.52113, min distance = 2.390460
RAB31_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	36735	Gpp	1NF3	2FG5	2ODB	0.99	Sc=6.56936, min distance = 2.559880
RAB31_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	2FG5	1RJ9	0.99	Sc=6.56976, min distance = 2.464180
RAB31_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2FG5	121P	0.99	Sc=6.56651, min distance = 2.492470
RAB3A_RAT	Fu	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3RAB	1CLU	0.99	Sc=6.58722, min distance = 2.280600
RAB3A_RAT	Fu	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3RAB	1GNP		Sc=6.73923, min distance = 2.222490
RAB3A_RAT	Fu	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1ZBD	1GNP		Sc=6.73798, min distance = 2.023700
RAB3A_RAT	Fu	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3RAB	1IAQ		Sc=6.54685, min distance = 2.157130
RAB3A_RAT	Fu	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1ZBD	1IAQ		Sc=6.54623, min distance = 2.208850
RAB3A_RAT	Fu	60961	ade	NUD16_XENLA	Fu	6830	guan	2A8S	1ZBD	2A8T		Sc=6.30319, min distance = 2.090240

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RAB3A_RAT	Fu: 8582 Inos	PURA1_MOUSE	Fu: 6830 guan	1LOO	1ZBD	1IWE	0.98	Sc=6.37796, min distance = 2.131424
RAB3A_RAT	Fu: 93082 Gak	RAC3_HUMAN	Fu: 36735 Gpp	2IC5	3RAB	2QME	0.99	Sc=6.58772, min distance = 2.495866
RAB3A_RAT	Fu: 93082 Gak	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	3RAB	121P	0.99	Sc=6.58299, min distance = 2.503296
RAB3A_RAT	Fu: 93082 Gak	RASH_HUMAN	Fu: 6830 guan	2CL7	1ZBD	121P	0.99	Sc=6.57909, min distance = 2.310575
RAB3D_HUMAN	1 188347 pp	ARF1_BOVIN	Fu: 8977 1dar	1R8S	2GF9	1R8Q	0.99	Sc=6.05445, min distance = 2.130146
RAB3D_HUMAN	1 37792 gar	RAB6B_HUMAN	Fu: 8977 1dar	2E9S	2GF9	2FFQ	0.99	Sc=6.02635, min distance = 2.317117
RAB3D_HUMAN	1 446248 CI	RASH_HUMAN	Fu: 8977 1dar	2CE2	2GF9	1IAQ		Sc=6.01677, min distance = 2.587650
RAB4A_HUMAN	1 444845 1c	RASH_HUMAN	Fu: 6830 guan	2CL7	1Z0K	1CLU	36.51 0.98	Sc=6.13121, min distance = 2.425116
RAB4A_HUMAN	1 445871 CI	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	2BME	1GNP	36.51	Sc=5.84608, min distance = 2.557953
RAB4A_HUMAN	1 445871 CI	RASH_HUMAN	Fu: 6830 guan	2CL7	1Z0K	1GNP	36.51	Sc=5.85089, min distance = 2.317173
RAB4A_HUMAN	1 446248 CI	RASH_HUMAN	Fu: 6830 guan	2CL7	1Z0K	1IAQ	36.51	Sc=6.52283, min distance = 1.905686
RAB4A_HUMAN	1 5496555 G	RASH_HUMAN	Fu: 6830 guan	2CL7	1Z0K	2EVW	36.51	Sc=6.00232, min distance = 2.128366
RAB4A_HUMAN	1 60961 ade	NUD16_XENLA	Fu: 6830 guan	2A8S	1Z0K	2A8T		Sc=6.26717, min distance = 2.566662
RAB4A_HUMAN	1 8582 Inos	PURA1_MOUSE	Fu: 6830 guan	1LOO	1Z0K	1IWE	0.98	Sc=6.35869, min distance = 2.631380
RAB4A_HUMAN	1 93082 Gak	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	2BME	121P	36.51 0.99	Sc=6.55199, min distance = 2.500772
RAB4A_HUMAN	1 93082 Gak	RASH_HUMAN	Fu: 6830 guan	2CL7	1Z0K	121P	36.51 0.99	Sc=6.12529, min distance = 2.396110
RAB5A_HUMAN	1 445463 B-	TGM3_HUMAN	Fu: 8977 1dar	1VJJ	1N6K	1L9N		Sc=6.24576, min distance = 1.908503
RAB5A_HUMAN	1 445871 CI	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1R2Q	1GNP	34.95	Sc=6.17235, min distance = 2.454964
RAB5A_HUMAN	1 445871 CI	RASH_HUMAN	Fu: 6830 guan	2CL7	1N6L	1GNP	34.95	Sc=6.16352, min distance = 2.228638
RAB5A_HUMAN	1 446248 CI	RAN_HUMAN	Fu: 36735 Gpp	1K5D	1R2Q	1IBR		Sc=6.55774, min distance = 2.388112
RAB5A_HUMAN	1 446248 CI	RAN_HUMAN	Fu: 8977 1dar	3CH5	1N6K	1IBR		Sc=6.57418, min distance = 2.218090
RAB5A_HUMAN	1 446248 CI	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1R2Q	1IAQ	34.95	Sc=6.53453, min distance = 2.261864
RAB5A_HUMAN	1 446248 CI	RASH_HUMAN	Fu: 6830 guan	2CL7	1N6L	1IAQ	34.95	Sc=6.53453, min distance = 2.162985
RAB5A_HUMAN	1 448405 CI	ARF1_RAT	Fu: 8977 1dar	1RRG	1N6K	1RRF		Sc=6.50154, min distance = 2.523420
RAB5A_HUMAN	1 60961 ade	NUD16_XENLA	Fu: 6830 guan	2A8S	1N6L	2A8T		Sc=6.31289, min distance = 2.622490
RAB5A_HUMAN	1 6804 guar	DPOL_BPR69	Fu: 8977 1dar	1CLQ	1N6K	1WAJ	0.99	Sc=6.44813, min distance = 2.020686
RAB5A_HUMAN	1 6804 guar	EF1A_YEAST	Fu: 8977 1dar	2B7B	1N6K	1G7C	0.99	Sc=6.43534, min distance = 2.702294
RAB5A_HUMAN	1 8582 Inos	PURA1_MOUSE	Fu: 6830 guan	1LOO	1N6L	1IWE	0.98	Sc=6.42798, min distance = 1.232365
RAB5A_HUMAN	1 93082 Gak	CDC42_HUMAN	Fu: 36735 Gpp	1NF3	1R2Q	2ODB	0.99	Sc=6.57675, min distance = 2.340633
RAB5A_HUMAN	1 93082 Gak	CDC42_HUMAN	Fu: 8977 1dar	2NGR	1N6K	2ODB	0.99	Sc=6.59708, min distance = 2.339595
RAB5A_HUMAN	1 93082 Gak	FTSY_THEAQ	Fu: 36735 Gpp	2J7P	1R2Q	1RJ9	0.99	Sc=6.5759, min distance = 2.4122516
RAB5A_HUMAN	1 93082 Gak	RAC3_HUMAN	Fu: 36735 Gpp	2IC5	1R2Q	2QME	0.99	Sc=6.58328, min distance = 2.498482
RAB5A_HUMAN	1 93082 Gak	RAC3_HUMAN	Fu: 8977 1dar	2C2H	1N6K	2QME	0.99	Sc=6.59187, min distance = 2.430698
RAB5A_HUMAN	1 93082 Gak	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1R2Q	121P	34.95 0.99	Sc=6.57216, min distance = 2.307992
RAB5A_HUMAN	1 93082 Gak	RASH_HUMAN	Fu: 6830 guan	2CL7	1N6L	121P	34.95 0.99	Sc=6.5706, min distance = 2.3242254
RAB5A_HUMAN	1 93082 Gak	RASH_HUMAN	Fu: 8977 1dar	2CE2	1N6K	121P	34.95 0.99	Sc=6.59451, min distance = 2.369627
RAB5B_HUMAN	1 6804 guar	EF1A_YEAST	Fu: 8977 1dar	2B7B	2HEI	1G7C	0.99	Sc=5.97365, min distance = 2.121290

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RAB5C_MOUSE	1	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1Z0D	2FFQ	0.99	Sc=6.52062, min distance = 2.293296
RAB5C_MOUSE	1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1Z0D	1OIW	0.99	Sc=6.51265, min distance = 2.566257
RAB5C_MOUSE	1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1HUQ	1CLU	0.99	Sc=6.57297, min distance = 2.054730
RAB5C_MOUSE	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1HUQ	1GNP		Sc=6.16394, min distance = 2.232406
RAB5C_MOUSE	1	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0D	1GNP		Sc=6.22581, min distance = 2.175340
RAB5C_MOUSE	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	1Z0D	1IBR		Sc=6.54731, min distance = 2.060120
RAB5C_MOUSE	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1HUQ	1IAQ		Sc=6.53829, min distance = 2.218930
RAB5C_MOUSE	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0D	1IAQ		Sc=6.17048, min distance = 1.944690
RAB5C_MOUSE	1	5496555	G	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0D	2EVW		Sc=6.28522, min distance = 2.215686
RAB5C_MOUSE	1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1Z0D	1WAJ	0.99	Sc=6.43274, min distance = 2.184570
RAB5C_MOUSE	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1Z0D	1G7C	0.99	Sc=6.4207, min distance = 2.6531326
RAB5C_MOUSE	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1Z0D	2ODB	0.99	Sc=6.56077, min distance = 2.343410
RAB5C_MOUSE	1	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	1Z0D	2J7K	0.99	Sc=6.54097, min distance = 2.179070
RAB5C_MOUSE	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1HUQ	1RJ9	0.99	Sc=6.57865, min distance = 2.276296
RAB5C_MOUSE	1	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1HUQ	2QME	0.99	Sc=6.58299, min distance = 2.473430
RAB5C_MOUSE	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1Z0D	2QME	0.99	Sc=6.55648, min distance = 2.564844
RAB5C_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1HUQ	121P	0.99	Sc=6.57312, min distance = 2.327149
RAB5C_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1Z0D	121P	0.99	Sc=6.55796, min distance = 2.272780
RAB6A_HUMAN	1	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	2GIL	1GNP	33.1	Sc=6.73325, min distance = 2.320110
RAB6A_HUMAN	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	1YZQ	1IBR		Sc=6.57024, min distance = 2.220670
RAB6A_HUMAN	1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	2GIL	1IAQ	33.1	Sc=6.55735, min distance = 2.060319
RAB6A_HUMAN	1	60961	ade	NUD16_XENLA	Fu	6830	guan	2A8S	2GIL	2A8T		Sc=6.3232, min distance = 2.5211892
RAB6A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	36735	Gpp	1NF3	1YZQ	2ODB	0.99	Sc=6.58813, min distance = 2.453406
RAB6A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZQ	121P	33.1 0.99	Sc=6.58658, min distance = 2.428089
RAB6A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	2GIL	121P	33.1 0.99	Sc=6.58108, min distance = 2.248060
RAB6B_HUMAN	1	188347	pp	ARF1_BOVIN	Fu	8977	1dar	1R8S	2E9S	1R8Q	0.99	Sc=6.54615, min distance = 1.683672
RAB6B_HUMAN	1	445404	7-	PAP2_VACCV	Fu	8977	1dar	1JTF	2E9S	4DCG	0.93	Sc=6.33507, min distance = 2.166750
RAB6B_HUMAN	1	445463	B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	2E9S	1L9N		Sc=6.23486, min distance = 2.152986
RAB6B_HUMAN	1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2E9S	1IBR		Sc=6.56602, min distance = 2.228200
RAB6B_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2E9S	1IAQ		Sc=6.55145, min distance = 2.122170
RAB6B_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2E9S	1G7C	0.99	Sc=6.43534, min distance = 2.694800
RAB6B_HUMAN	1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	2E9S	1IWE	0.99	Sc=6.41341, min distance = 2.541232
RAB6B_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2E9S	2ODB	0.99	Sc=6.5836, min distance = 2.3545557
RAB6B_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2E9S	2QME	0.99	Sc=6.58553, min distance = 2.528369
RAB7A_HUMAN	1	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1T91	1GNP		Sc=6.23235, min distance = 2.392657
RAB7A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1T91	121P	0.99	Sc=6.56936, min distance = 2.386446
RAB7A_RAT	Fu	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1VG8	2QME	0.99	Sc=6.58108, min distance = 2.529766

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RAB7A_RAT	Fu	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1VG8	121P	38.46	0.99	Sc=6.56976, min distance = 2.560368	
RAB9A_CANFA	1	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	1S8F	1AS0		0.99	Sc=6.13876, min distance = 2.661368	
RAB9A_CANFA	1	37792	gar	GNAT1_BOVIN	Fu	8977	1dar	1TAD	1S8F	1TND		0.99	Sc=6.15878, min distance = 2.205564	
RAB9A_CANFA	1	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1S8F	2FFQ		0.99	Sc=6.14151, min distance = 2.596752	
RAB9A_CANFA	1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1S8F	1OIW		0.99	Sc=6.13933, min distance = 2.428614	
RAB9A_CANFA	1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	1S8F	1CXZ		0.99	Sc=6.16415, min distance = 2.445227	
RAB9A_CANFA	1	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1S8F	1GNP			Sc=5.83451, min distance = 2.499685	
RAB9A_CANFA	1	445873	CA	RASH_HUMAN	Fu	8977	1dar	2CE2	1S8F	2CL6			Sc=6.39817, min distance = 2.178311	
RAB9A_CANFA	1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1S8F	1IBR			Sc=6.17588, min distance = 2.226170	
RAB9A_CANFA	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1S8F	2QME		0.99	Sc=6.21915, min distance = 2.355621	
RAB9A_CANFA	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1S8F	121P		0.99	Sc=6.20997, min distance = 2.454936	
RAB9A_HUMAN	1	37792	gar	GNA13_MOUSE	Fu	8977	1dar	1ZCB	1WMS	3CX8		0.99	Sc=6.49477, min distance = 2.286500	
RAB9A_HUMAN	1	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	1WMS	1AS0		0.99	Sc=6.47311, min distance = 2.308261	
RAB9A_HUMAN	1	37792	gar	GNAT1_BOVIN	Fu	8977	1dar	1TAD	1WMS	1TND		0.99	Sc=6.49369, min distance = 2.257620	
RAB9A_HUMAN	1	37792	gar	RAC1_HUMAN	Fu	8977	1dar	1RYF	1WMS	2FJU		0.99	Sc=5.77692, min distance = 2.467304	
RAB9A_HUMAN	1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1WMS	1OIW		0.99	Sc=6.11306, min distance = 2.559335	
RAB9A_HUMAN	1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	1WMS	1CXZ		0.99	Sc=6.05421, min distance = 2.447261	
RAB9A_HUMAN	1	445871	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1WMS	1GNP			Sc=6.11857, min distance = 2.369645	
RAB9A_HUMAN	1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1WMS	1IBR			Sc=6.50961, min distance = 2.099186	
RAB9A_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1WMS	1IAQ			Sc=6.13292, min distance = 2.162715	
RAB9A_HUMAN	1	448405	CI	ARF1_RAT	Ful	8977	1dar	1RRG	1WMS	1RRF			Sc=5.98724, min distance = 2.449947	
RAB9A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1WMS	2ODB		0.99	Sc=6.08088, min distance = 2.318631	
RAB9A_HUMAN	1	93082	Gak	EFG_THETH	Ful	8977	1dar	2BM0	1WMS	2J7K		0.99	Sc=6.06469, min distance = 2.084191	
RAB9A_MOUSE	1	446248	CI	RAN_HUMAN	Ful	36735	Gpp	1K5D	1YZL	1IBR			Sc=6.55298, min distance = 2.198331	
RAB9A_MOUSE	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZL	1IAQ			Sc=6.52937, min distance = 1.999795	
RAB9A_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZL	121P		0.99	Sc=6.56361, min distance = 2.513801	
RAB9B_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2OCB	1GNP			Sc=6.1596, min distance = 2.4871168	
RAB9B_HUMAN	1	446248	CI	RAN_HUMAN	Ful	36735	Gpp	1K5D	2OCB	1IBR			Sc=6.55464, min distance = 2.379366	
RAB9B_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	36735	Gpp	1NF3	2OCB	2ODB		0.99	Sc=6.57216, min distance = 2.552924	
RAB9B_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	2OCB	1RJ9		0.99	Sc=6.57675, min distance = 2.506951	
RAB9B_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2OCB	121P		0.99	Sc=6.56887, min distance = 2.497924	
RABP1_MOUSE	1	445354	re	RABP2_HUMAN	Fu	444795	Re	1CBS	1CBR	2G79		0.82	Sc=5.62516, min distance = 2.686941	
RABP1_MOUSE	1	449315	CI	RABP2_HUMAN	Fu	444795	Re	1CBS	1CBR	2CBS			Sc=6.05596, min distance = 2.161154	
RAC1_HUMAN	Fu	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1MH1	1CLU		33.14	0.99	Sc=6.53609, min distance = 2.758406
RAC1_HUMAN	Fu	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1E96	1GNP		33.14		Sc=6.71598, min distance = 2.131415
RAC1_HUMAN	Fu	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1RYF	1IBR				Sc=6.0438, min distance = 2.2612374
RAC1_HUMAN	Fu	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1MH1	1IAQ		33.14		Sc=6.49977, min distance = 2.343056

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RAC1_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1E96	1IAQ	33.14	Sc=6.52882, min distance = 2.025254
RAC1_HUMAN	F1	5496554	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1MH1	1GNQ	33.14	Sc=6.70918, min distance = 2.279304
RAC1_HUMAN	F1	5496555	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1MH1	2EVW	33.14	Sc=6.27695, min distance = 2.039944
RAC1_HUMAN	F1	60961	ade	NUD16_XENLA	F1	6830	guan	2A8S	1E96	2A8T		Sc=6.23841, min distance = 2.455544
RAC1_HUMAN	F1	8582	Inos	PURA1_MOUSE	F1	6830	guan	1LOO	1E96	1IWE	0.98	Sc=6.39217, min distance = 2.300034
RAC2_HUMAN	F1	37792	gar	ARF6_HUMAN	Fu	8977	ldar	1E0S	1DS6	2J5X	0.99	Sc=5.75937, min distance = 2.077815
RAC2_HUMAN	F1	37792	gar	RAB6B_HUMAN	F1	8977	ldar	2E9S	1DS6	2FFQ	0.99	Sc=5.75357, min distance = 2.430515
RAC2_HUMAN	F1	37792	gar	RAC1_HUMAN	Fu	8977	ldar	1RYF	1DS6	2FJU	0.99	Sc=5.7725, min distance = 2.191266
RAC2_HUMAN	F1	37792	gar	RB11A_HUMAN	F1	8977	ldar	1OIX	1DS6	1OIW	0.99	Sc=5.7447, min distance = 2.498954
RAC2_HUMAN	F1	444825	1c	PURA_ECOLI	Fu	8977	ldar	1QF5	1DS6	1CH8	0.95	Sc=5.97786, min distance = 2.467625
RAC2_HUMAN	F1	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	1DS6	1IBR		Sc=5.78653, min distance = 2.349924
RAC2_HUMAN	F1	6804	guar	DPOL_BPR69	Fu	8977	ldar	1CLQ	1DS6	1WAJ	0.99	Sc=5.62262, min distance = 2.277595
RAC2_HUMAN	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1DS6	1G7C	0.99	Sc=5.62451, min distance = 2.775485
RAC2_HUMAN	F1	93082	Gak	CDC42_HUMAN	F1	8977	ldar	2NGR	1DS6	2ODB	0.99	Sc=5.79127, min distance = 2.345005
RAC2_HUMAN	F1	93082	Gak	EFG_THETH	Fu	8977	ldar	2BM0	1DS6	2J7K	0.99	Sc=5.7674, min distance = 2.186526
RAC2_HUMAN	F1	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1DS6	2QME	0.99	Sc=5.79192, min distance = 2.467495
RAC2_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	8977	ldar	2CE2	1DS6	121P	0.99	Sc=5.78786, min distance = 2.631625
RAC3_HUMAN	F1	188347	pp	ARF1_BOVIN	Fu	8977	ldar	1R8S	2C2H	1R8Q	0.99	Sc=5.71693, min distance = 2.292135
RAC3_HUMAN	F1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2IC5	1CLU	0.99	Sc=5.77713, min distance = 2.782285
RAC3_HUMAN	F1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	2IC5	1IBR		Sc=5.78106, min distance = 2.258364
RAC3_HUMAN	F1	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	2C2H	1IBR		Sc=6.05772, min distance = 2.247815
RAC3_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	93082	Gak	121P	2QME	1IAQ		Sc=6.50298, min distance = 2.733255
RAC3_HUMAN	F1	5496555	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2IC5	2EVW		Sc=5.79566, min distance = 2.118154
RAC6_ARATH	F1	188347	pp	ARF1_BOVIN	Fu	8977	ldar	1R8S	3BWD	1R8Q	0.99	Sc=5.70058, min distance = 2.416264
RAC7_ARATH	F1	18396	GDF	PIMA_MYCLE	Fu	8977	ldar	2GEK	2J0V	2GEJ	0.92	Sc=5.87292, min distance = 2.145344
RAC7_ARATH	F1	37792	gar	GNAI1_RAT	Fu	8977	ldar	1SVK	2J0V	1AS0	0.99	Sc=5.72425, min distance = 2.350054
RAC7_ARATH	F1	37792	gar	GNAT1_BOVIN	F1	8977	ldar	1TAD	2J0V	1TND	0.99	Sc=5.74603, min distance = 1.862574
RAC7_ARATH	F1	37792	gar	RAB6B_HUMAN	F1	8977	ldar	2E9S	2J0V	2FFQ	0.99	Sc=6.02593, min distance = 2.528415
RAC7_ARATH	F1	37792	gar	RAC1_HUMAN	Fu	8977	ldar	1RYF	2J0V	2FJU	0.99	Sc=6.05295, min distance = 2.298454
RAC7_ARATH	F1	37792	gar	RHOA_HUMAN	Fu	8977	ldar	1TX4	2J0V	1CXZ	0.99	Sc=6.04055, min distance = 2.184095
RAC7_ARATH	F1	444845	1c	RASH_HUMAN	Fu	8977	ldar	2CE2	2J0V	1CLU	0.97	Sc=6.07227, min distance = 2.492735
RAC7_ARATH	F1	445873	CA	RASH_HUMAN	Fu	8977	ldar	2CE2	2J0V	2CL6		Sc=5.778, min distance = 2.10074964
RAC7_ARATH	F1	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	2J0V	1IBR		Sc=6.06817, min distance = 2.264794
RAC7_ARATH	F1	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	2J0V	1IAQ		Sc=6.01872, min distance = 2.438664
RAC7_ARATH	F1	5496554	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	2J0V	1GNQ		Sc=6.22556, min distance = 2.305744
RAC7_ARATH	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	2J0V	1G7C	0.99	Sc=5.89723, min distance = 2.809484
RAC7_ARATH	F1	93082	Gak	CDC42_HUMAN	F1	8977	ldar	2NGR	2J0V	2ODB	0.99	Sc=6.07723, min distance = 2.347934

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RAC7_ARATH	F1	93082	Gak	EFG_THETH	Ful	8977	1dar	2BM0	2J0V	2J7K	0.99	Sc=6.04834, min distance = 2.076276
RAC7_ARATH	F1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2J0V	2QME	0.99	Sc=6.0743, min distance = 2.4112894
RAC7_ARATH	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2J0V	121P	0.99	Sc=6.06681, min distance = 2.568338
RAC7_ARATH	F1	9549204	C	PURA_ECOLI	Fu	8977	1dar	1QF5	2J0V	2GCQ		Sc=5.9546, min distance = 1.6312529
RAD50_PYRFU	I	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	1F2U	1COW	0.91	Sc=6.06058, min distance = 1.295389
RAD50_PYRFU	I	447916	ad	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1F2U	1ZTF	0.94	Sc=5.82013, min distance = 1.833679
RAD50_PYRFU	I	6022	Ader	HSP7F_YEAST	Fu	5957	Aden	3D2F	1F2U	3C7N	0.99	Sc=5.94322, min distance = 2.507622
RAD50_PYRFU	I	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	1F2U	2YZL	0.99	Sc=6.42456, min distance = 1.917409
RAD50_PYRFU	I	6022	Ader	REX_BACSU	Ful	5957	Aden	2VT3	1F2U	2VT2	0.99	Sc=6.00655, min distance = 1.545616
RAD50_PYRFU	I	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1F2U	2R85	0.98	Sc=5.89304, min distance = 2.428580
RAD50_PYRFU	I	6133	uric	CCA_ARCFU	Ful	5957	Aden	1R8B	1F2U	1R8C		Sc=5.93367, min distance = 1.969376
RADA_METVO	F1	24779678		CSK2A_MAIZE	Fu	33113	gar	1LP4	2I1Q	2PVM		Sc=6.42226, min distance = 2.085676
RADA_METVO	F1	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	2I1Q	2ETR		Sc=6.03554, min distance = 2.046857
RADA_METVO	F1	448043	2c	ROCK1_HUMAN	Fu	33113	gar	2V55	2I1Q	3D9V		Sc=5.97728, min distance = 2.426269
RADA_METVO	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FPK	1H1R		Sc=6.02312, min distance = 1.742709
RALA_HUMAN	F1	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	2A9K	1AS0	0.99	Sc=6.50079, min distance = 2.335566
RALA_HUMAN	F1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	2A9K	1OIW	0.99	Sc=6.50456, min distance = 2.352260
RALA_HUMAN	F1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	2A9K	1CXZ	0.99	Sc=6.52342, min distance = 2.246137
RALA_HUMAN	F1	444148	1a	RHA1_ARATH	Fu	8977	1dar	2EFC	2A9K	2EFE	0.99	Sc=6.46298, min distance = 2.214409
RALA_HUMAN	F1	444825	1c	PURA_ECOLI	Fu	8977	1dar	1QF5	2A9K	1CH8	0.95	Sc=6.4727, min distance = 2.2834802
RALA_HUMAN	F1	444845	1c	RASH_HUMAN	Fu	8977	1dar	2CE2	2A9K	1CLU	0.97	Sc=6.5514, min distance = 1.9923769
RALA_HUMAN	F1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1ZC3	1GNP		Sc=6.73196, min distance = 1.861917
RALA_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1ZC3	1IAQ		Sc=6.54076, min distance = 2.123210
RALA_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2A9K	1IAQ		Sc=6.51058, min distance = 2.379064
RALA_HUMAN	F1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	2A9K	1IWE	0.99	Sc=6.37139, min distance = 2.561049
RALA_HUMAN	F1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2A9K	2ODB	0.99	Sc=6.55753, min distance = 2.449086
RALA_HUMAN	F1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	2A9K	2QME	0.99	Sc=6.54878, min distance = 2.241157
RALA_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1ZC3	121P	0.99	Sc=6.5717, min distance = 2.3197726
RALA_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2A9K	121P	0.99	Sc=6.54819, min distance = 2.186359
RALA_SAGOE	F1	37792	gar	GNA13_MOUSE	Fu	8977	1dar	1ZCB	1U8Z	3CX8	0.99	Sc=6.51057, min distance = 2.149499
RALA_SAGOE	F1	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	1U8Z	1AS0	0.99	Sc=6.49695, min distance = 2.499558
RALA_SAGOE	F1	37792	gar	RAC1_HUMAN	Fu	8977	1dar	1RYF	1U8Z	2FJU	0.99	Sc=6.52159, min distance = 2.477136
RALA_SAGOE	F1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1U8Z	1OIW	0.99	Sc=6.50178, min distance = 2.462479
RALA_SAGOE	F1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	1U8Z	1CXZ	0.99	Sc=6.5175, min distance = 2.4572887
RALA_SAGOE	F1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1U8Y	1CLU	0.99	Sc=6.54028, min distance = 2.734877
RALA_SAGOE	F1	445873	CA	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1U8Y	2CL6		Sc=6.25531, min distance = 2.567219
RALA_SAGOE	F1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1U8Z	1IBR		Sc=6.53998, min distance = 2.105820

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RALA_SAGOE	Ft	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1U8Y	1IAQ		Sc=6.5035, min distance = 2.4212736
RALA_SAGOE	Ft	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	1U8Z	1IAQ		Sc=6.50803, min distance = 2.107522
RALA_SAGOE	Ft	448405	CI	ARF1_RAT	Fu	8977	ldar	1RRG	1U8Z	1RRF		Sc=6.44913, min distance = 2.445836
RALA_SAGOE	Ft	5496554	C	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1U8Y	1GNQ		Sc=6.68468, min distance = 2.344015
RALA_SAGOE	Ft	5496554	C	RASH_HUMAN	Fu	8977	ldar	2CE2	1U8Z	1GNQ		Sc=6.71948, min distance = 2.152635
RALA_SAGOE	Ft	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1U8Z	1G7C	0.99	Sc=6.40046, min distance = 2.515229
RALA_SAGOE	Ft	93082	Gak	CDC42_HUMAN	Ft	36735	Gpp	1NF3	1U8Y	2ODB	0.99	Sc=6.54363, min distance = 2.588810
RALA_SAGOE	Ft	93082	Gak	CDC42_HUMAN	Ft	8977	ldar	2NGR	1U8Z	2ODB	0.99	Sc=6.55056, min distance = 2.331450
RALA_SAGOE	Ft	93082	Gak	EFG_THETH	Fu	8977	ldar	2BM0	1U8Z	2J7K	0.99	Sc=6.53446, min distance = 2.030232
RALA_SAGOE	Ft	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1U8Y	1RJ9	0.99	Sc=6.54515, min distance = 2.359346
RALA_SAGOE	Ft	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1U8Y	2QME	0.99	Sc=6.55157, min distance = 2.405737
RALA_SAGOE	Ft	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1U8Y	121P	0.99	Sc=6.54097, min distance = 2.570468
RAN_CANFA	Fu	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1WA5	1GNP		Sc=6.73295, min distance = 2.137009
RAN_CANFA	Fu	60961	ade	NUD16_XENLA	Ft	6830	guan	2A8S	1WA5	2A8T		Sc=6.30224, min distance = 2.482606
RAN_CANFA	Fu	8582	Inos	PURA1_MOUSE	Ft	6830	guan	1LOO	1WA5	1IWE	0.98	Sc=6.40846, min distance = 2.214369
RAN_CANFA	Fu	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1WA5	121P	0.99	Sc=6.58299, min distance = 2.030900
RAN_HUMAN	Fu	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1K5D	1RJ9	0.99	Sc=6.5759, min distance = 2.1089924
RAN_HUMAN	Fu	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1K5D	2QME	0.99	Sc=6.57265, min distance = 2.440939
RAN_HUMAN	Fu	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1K5D	121P	0.99	Sc=6.57216, min distance = 2.123566
RAP1A_HUMAN	I	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1GUA	1CLU	0.99	Sc=6.56972, min distance = 2.640987
RAP1A_HUMAN	I	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1GUA	1GNP		Sc=6.7249, min distance = 2.1968158
RAP1A_HUMAN	I	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1C1Y	1GNP		Sc=6.72202, min distance = 2.418692
RAP1A_HUMAN	I	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	1GUA	1IBR		Sc=6.55049, min distance = 2.375334
RAP1A_HUMAN	I	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1GUA	1IAQ		Sc=6.53076, min distance = 2.343000
RAP1A_HUMAN	I	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1C1Y	1IAQ		Sc=6.53915, min distance = 2.166488
RAP1A_HUMAN	I	60961	ade	NUD16_XENLA	Ft	6830	guan	2A8S	1C1Y	2A8T		Sc=6.28168, min distance = 1.776540
RAP1A_HUMAN	I	8582	Inos	PURA1_MOUSE	Ft	6830	guan	1LOO	1C1Y	1IWE	0.98	Sc=6.39465, min distance = 2.137408
RAP1A_HUMAN	I	93082	Gak	CDC42_HUMAN	Ft	36735	Gpp	1NF3	1GUA	2ODB	0.99	Sc=6.56483, min distance = 2.556920
RAP1A_HUMAN	I	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1GUA	1RJ9	0.99	Sc=6.56686, min distance = 2.119390
RAP1A_HUMAN	I	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1GUA	121P	0.99	Sc=6.56361, min distance = 2.577000
RAP1A_HUMAN	I	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1C1Y	121P	0.99	Sc=6.5683, min distance = 2.4864468
RAP1A_HUMAN	I	93082	Gak	SRP54_THEAQ	Ft	36735	Gpp	1JPN	1GUA	1RJ9	0.99	Sc=6.57488, min distance = 1.685586
RAP1B_HUMAN	I	37792	gar	ARF6_HUMAN	Fu	8977	ldar	1E0S	3BRW	2J5X	0.99	Sc=6.53581, min distance = 1.845275
RAP1B_HUMAN	I	37792	gar	GNA13_MOUSE	Ft	8977	ldar	1ZCB	3BRW	3CX8	0.99	Sc=6.52831, min distance = 2.164976
RAP1B_HUMAN	I	37792	gar	GNAI1_RAT	Fu	8977	ldar	1SVK	3BRW	1AS0	0.99	Sc=6.52086, min distance = 2.361014
RAP1B_HUMAN	I	37792	gar	GNAT1_BOVIN	Ft	8977	ldar	1TAD	3BRW	1TND	0.99	Sc=6.53273, min distance = 2.408870
RAP1B_HUMAN	I	37792	gar	RHOA_HUMAN	Fu	8977	ldar	1TX4	3BRW	1CXZ	0.99	Sc=6.53369, min distance = 2.059730

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RAP1B_HUMAN	1	444148	1d	RHA1_ARATH	Fu	8977	1dar	2EFC	3BRW	2EFE	0.99	Sc=6.48374, min distance = 2.490918
RAP1B_HUMAN	1	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	3BRW	1RRF		Sc=6.4769, min distance = 2.3248305
RAP1B_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	3BRW	1G7C	0.99	Sc=6.41524, min distance = 2.600940
RAP1B_HUMAN	1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	3BRW	1IWE	0.99	Sc=6.39382, min distance = 2.124637
RAP1B_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	3BRW	2ODB	0.99	Sc=6.57421, min distance = 2.448760
RAP1B_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	8977	1dar	2IYL	3BRW	1RJ9	0.99	Sc=6.58873, min distance = 2.122590
RAP1B_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	3BRW	2QME	0.99	Sc=6.5706, min distance = 2.0107135
RAP1B_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	3BRW	121P	0.99	Sc=6.56106, min distance = 2.211340
RAP1_YEAST	Fu	4369233	1	ACES_TORCA	Fu	78165	MES	1VXR	3CZ6	1GPK		Sc=6.0201, min distance = 2.2092598
RAP2A_HUMAN	1	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	1KAO	1AS0	0.99	Sc=6.51663, min distance = 2.481975
RAP2A_HUMAN	1	37792	gar	GNAT1_BOVIN	Fu	8977	1dar	1TAD	1KAO	1TND	0.99	Sc=6.53094, min distance = 2.051958
RAP2A_HUMAN	1	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1KAO	2FFQ	0.99	Sc=6.53008, min distance = 2.087520
RAP2A_HUMAN	1	37792	gar	RAC1_HUMAN	Fu	8977	1dar	1RYF	1KAO	2FJU	0.99	Sc=6.53754, min distance = 2.187618
RAP2A_HUMAN	1	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1KAO	1OIW	0.99	Sc=6.52342, min distance = 2.266240
RAP2A_HUMAN	1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	1KAO	1CXZ	0.99	Sc=6.53255, min distance = 2.294827
RAP2A_HUMAN	1	445404	7-	PAP2_VACCW	Fu	8977	1dar	1JTF	1KAO	4DCG	0.93	Sc=6.28152, min distance = 2.355769
RAP2A_HUMAN	1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1KAO	1IBR		Sc=6.5478, min distance = 2.0239135
RAP2A_HUMAN	1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	3RAP	1IAQ		Sc=6.54491, min distance = 2.195338
RAP2A_HUMAN	1	60961	ade	NUD16_XENLA	Fu	6830	guan	2A8S	3RAP	2A8T		Sc=6.28168, min distance = 2.430438
RAP2A_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1KAO	1G7C	0.99	Sc=6.41003, min distance = 2.518664
RAP2A_HUMAN	1	8582	Inos	PURA1_MOUSE	Fu	6830	guan	1LOO	3RAP	1IWE	0.98	Sc=6.38508, min distance = 2.400600
RAP2A_HUMAN	1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	1KAO	1IWE	0.99	Sc=6.3787, min distance = 2.3068010
RAP2A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1KAO	2ODB	0.99	Sc=6.56361, min distance = 2.084625
RAP2A_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1KAO	2QME	0.99	Sc=6.55606, min distance = 1.963240
RAP2A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	3RAP	121P	0.99	Sc=6.57108, min distance = 2.443940
RAP2A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1KAO	121P	0.99	Sc=6.55938, min distance = 2.138820
RARB_MOUSE	Fu	4369214	C	RXRA_HUMAN	Fu	449171	Al	1FBY	1XDK	1K74	0.81	Sc=6.08056, min distance = 2.030578
RARG_HUMAN	Fu	13849	Per	RXRA_HUMAN	Fu	449171	Al	1FBY	3LBD	1XVP	32.28	Sc=5.96067, min distance = 1.760878
RARG_HUMAN	Fu	4369214	C	RXRA_HUMAN	Fu	449171	Al	1FBY	3LBD	1K74	32.28	0.81 Sc=6.08163, min distance = 2.641680
RASH_HUMAN	Fu	83862	ade	CSK2A_MAIZE	Fu	36735	Gpp	1DAY	1CTQ	1DS5	0.78	Sc=5.97307, min distance = 2.268104
RASM_MOUSE	Fu	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	1X1R	1AS0	0.99	Sc=6.49258, min distance = 2.393667
RASM_MOUSE	Fu	37792	gar	GNAT1_BOVIN	Fu	8977	1dar	1TAD	1X1R	1TND	0.99	Sc=6.514, min distance = 1.99678590
RASM_MOUSE	Fu	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	1X1R	2FFQ	0.99	Sc=6.50456, min distance = 2.425448
RASM_MOUSE	Fu	37792	gar	RB11A_HUMAN	Fu	8977	1dar	1OIX	1X1R	1OIW	0.99	Sc=6.49747, min distance = 2.319930
RASM_MOUSE	Fu	444825	1c	PURA_ECOLI	Fu	8977	1dar	1QF5	1X1R	1CH8	0.95	Sc=6.46623, min distance = 2.023328
RASM_MOUSE	Fu	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1X1S	1CLU	0.99	Sc=6.51424, min distance = 2.606020
RASM_MOUSE	Fu	446248	CI	RAN_HUMAN	Ful	36735	Gpp	1K5D	1X1S	1IBR		Sc=6.50247, min distance = 2.283360

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RASM_MOUSE	F1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1X1R	1IBR			Sc=6.53453, min distance = 2.290002
RASM_MOUSE	F1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1X1S	1IAQ			Sc=6.12524, min distance = 2.291903
RASM_MOUSE	F1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1X1R	1IAQ			Sc=6.50473, min distance = 2.077757
RASM_MOUSE	F1	5496554	C	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1X1S	1GNQ			Sc=6.23335, min distance = 2.305876
RASM_MOUSE	F1	5496554	C	RASH_HUMAN	Fu	8977	1dar	2CE2	1X1R	1GNQ			Sc=6.7205, min distance = 2.2454030
RASM_MOUSE	F1	5496555	C	RASH_HUMAN	Fu	8977	1dar	2CE2	1X1R	2EVW			Sc=5.9897, min distance = 2.1591141
RASM_MOUSE	F1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1X1R	1WAJ	0.99		Sc=6.39587, min distance = 2.195821
RASM_MOUSE	F1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1X1R	1G7C	0.99		Sc=6.39666, min distance = 2.557814
RASM_MOUSE	F1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1X1R	2ODB	0.99		Sc=6.54311, min distance = 2.324491
RASM_MOUSE	F1	93082	Gak	EFG_THETH	Ful	8977	1dar	2BM0	1X1R	2J7K	0.99		Sc=6.52232, min distance = 2.077322
RASM_MOUSE	F1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1X1R	2QME	0.99		Sc=6.54465, min distance = 1.990037
RASM_MOUSE	F1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1X1S	121P	0.99		Sc=6.51213, min distance = 2.456491
RASM_MOUSE	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1X1R	121P	0.99		Sc=6.54465, min distance = 2.168351
RASM_MOUSE	F1	93082	Gak	SRP54_THEAQ	Fu	36735	Gpp	1JPN	1X1S	1RJ9	0.99		Sc=6.54319, min distance = 1.921869
RASN_HUMAN	F1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	3CON	1CXZ	0.99		Sc=6.52415, min distance = 2.270969
RASN_HUMAN	F1	444148	1a	RHA1_ARATH	Fu	8977	1dar	2EFC	3CON	2EFE	0.99		Sc=6.46999, min distance = 2.217317
RASN_HUMAN	F1	445463	B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	3CON	1L9N			Sc=6.1891, min distance = 2.1054514
RASN_HUMAN	F1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	3CON	1IBR			Sc=6.19055, min distance = 1.982860
RASN_HUMAN	F1	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	3CON	1RRF			Sc=6.4505, min distance = 2.3656367
RASN_HUMAN	F1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	3CON	1IWE	0.99		Sc=6.3898, min distance = 2.1715189
RASN_HUMAN	F1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	3CON	2ODB	0.99		Sc=6.5533, min distance = 2.4593710
RASN_HUMAN	F1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	3CON	2QME	0.99		Sc=6.55107, min distance = 2.337489
RASN_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	3CON	121P	0.99		Sc=6.54969, min distance = 2.373009
RB11A_HUMAN	I	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZK	1CLU	38.27	0.99	Sc=6.56882, min distance = 2.328497
RB11A_HUMAN	I	444845	1c	RASH_HUMAN	Fu	6830	guan	2CL7	2D7C	1CLU	38.27	0.98	Sc=6.58186, min distance = 2.042049
RB11A_HUMAN	I	444845	1c	RASH_HUMAN	Fu	8977	1dar	2CE2	1OIX	1CLU	38.27	0.97	Sc=6.5894, min distance = 2.2109694
RB11A_HUMAN	I	445463	B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	1OIX	1L9N			Sc=6.22319, min distance = 2.246681
RB11A_HUMAN	I	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	2D7C	1GNP	38.27		Sc=6.02522, min distance = 2.222010
RB11A_HUMAN	I	446248	CI	RAN_HUMAN	Ful	36735	Gpp	1K5D	1YZK	1IBR			Sc=6.55145, min distance = 2.388489
RB11A_HUMAN	I	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1OIX	1IBR			Sc=6.57191, min distance = 2.159461
RB11A_HUMAN	I	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZK	1IAQ	38.27		Sc=6.52484, min distance = 2.378769
RB11A_HUMAN	I	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	2D7C	1IAQ	38.27		Sc=6.54575, min distance = 2.164581
RB11A_HUMAN	I	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1OIX	1IAQ	38.27		Sc=6.5519, min distance = 1.9860699
RB11A_HUMAN	I	5496554	C	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZK	1GNQ	38.27		Sc=6.73196, min distance = 2.008948
RB11A_HUMAN	I	5496555	C	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZK	2EVW	38.27		Sc=6.29689, min distance = 2.025407
RB11A_HUMAN	I	60961	ade	NUD16_XENLA	Fu	6830	guan	2A8S	2D7C	2A8T			Sc=6.31589, min distance = 2.457007
RB11A_HUMAN	I	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1OIX	1G7C	0.99		Sc=6.44813, min distance = 2.683324

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RB11A_HUMAN	1	8582	Inos	PURA1_MOUSE	Fu	6830	guan	1LOO	2D7C	1IWE	0.98	Sc=6.38821, min distance = 2.271110
RB11A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	36735	Gpp	1NF3	1YZK	2ODB	0.99	Sc=6.5706, min distance = 2.243637
RB11A_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	ldar	2NGR	1OIX	2ODB	0.99	Sc=6.58873, min distance = 2.32124
RB11A_HUMAN	1	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	1OIX	2QME	0.99	Sc=6.58259, min distance = 2.47977
RB11A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZK	121P	38.27	0.99 Sc=6.5717, min distance = 2.285686
RB11A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	2D7C	121P	38.27	0.99 Sc=6.58299, min distance = 2.26139
RB11A_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	8977	ldar	2CE2	1OIX	121P	38.27	0.99 Sc=6.58698, min distance = 2.34667
RB11B_HUMAN	1	444845	ld	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2F9M	1CLU	0.99	Sc=6.58649, min distance = 2.43535
RB11B_HUMAN	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	2F9M	1IBR		Sc=6.5676, min distance = 2.061365
RB11B_HUMAN	1	5496555	G	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2F9M	2EVW		Sc=6.02837, min distance = 2.01046
RB11B_HUMAN	1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	2F9L	1G7C	0.99	Sc=6.0637, min distance = 2.630212
RB11B_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	36735	Gpp	1NF3	2F9M	2ODB	0.99	Sc=6.58619, min distance = 2.15544
RB11B_HUMAN	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	2F9M	1RJ9	0.99	Sc=6.58841, min distance = 2.21789
RB11B_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2F9M	121P	0.99	Sc=6.58524, min distance = 2.19321
RB22A_MOUSE	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YVD	1GNP	30.91	Sc=6.07988, min distance = 2.34170
RB22A_MOUSE	1	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1Z0J	1GNP	30.91	Sc=6.08313, min distance = 2.24913
RB22A_MOUSE	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	1YVD	1IBR		Sc=6.5538, min distance = 2.353639
RB22A_MOUSE	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YVD	1IAQ	30.91	Sc=6.53163, min distance = 2.25792
RB22A_MOUSE	1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1Z0J	1IAQ	30.91	Sc=6.53634, min distance = 2.22221
RB22A_MOUSE	1	60961	ade	NUD16_XENLA	Fu	6830	guan	2A8S	1Z0J	2A8T		Sc=6.30124, min distance = 2.41580
RB22A_MOUSE	1	8582	Inos	PURA1_MOUSE	Fu	6830	guan	1LOO	1Z0J	1IWE	0.98	Sc=6.37056, min distance = 2.24663
RB22A_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YVD	121P	30.91	0.99 Sc=6.56651, min distance = 2.63392
RB22A_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1Z0J	121P	30.91	0.99 Sc=6.56561, min distance = 2.29162
RB27A_MOUSE	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	3BC1	1IBR		Sc=6.56287, min distance = 2.52280
RB27A_MOUSE	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BC1	1IAQ		Sc=6.54491, min distance = 2.26393
RB27A_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BC1	121P	0.99	Sc=6.5759, min distance = 2.296009
RB27B_MOUSE	1	60961	ade	NUD16_XENLA	Fu	6830	guan	2A8S	2ZET	2A8T		Sc=6.30124, min distance = 2.29550
RB27B_MOUSE	1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	2ZET	121P	0.99	Sc=6.5763, min distance = 1.781565
RB33B_MOUSE	1	188347	pp	ARF1_BOVIN	Fu	8977	ldar	1R8S	2G77	1R8Q	0.99	Sc=6.06495, min distance = 2.31937
RB33B_MOUSE	1	37792	gar	GNAI1_RAT	Fu	8977	ldar	1SVK	2G77	1AS0	0.99	Sc=6.14903, min distance = 2.53216
RB33B_MOUSE	1	37792	gar	GNAT1_BOVIN	Fu	8977	ldar	1TAD	2G77	1TND	0.99	Sc=6.16548, min distance = 2.13308
RB33B_MOUSE	1	37792	gar	RAB6B_HUMAN	Fu	8977	ldar	2E9S	2G77	2FFQ	0.99	Sc=6.16271, min distance = 2.48882
RB33B_MOUSE	1	37792	gar	RAC1_HUMAN	Fu	8977	ldar	1RYF	2G77	2FJU	0.99	Sc=6.17741, min distance = 2.35766
RB33B_MOUSE	1	37792	gar	RB11A_HUMAN	Fu	8977	ldar	1OIX	2G77	1OIW	0.99	Sc=6.1567, min distance = 2.599714
RB33B_MOUSE	1	37792	gar	RHOA_HUMAN	Fu	8977	ldar	1TX4	2G77	1CXZ	0.99	Sc=6.1668, min distance = 2.309774
RB33B_MOUSE	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1Z06	1GNP		Sc=5.91684, min distance = 2.48464
RB33B_MOUSE	1	445871	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	2G77	1GNP		Sc=5.75623, min distance = 2.45725

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RB33B_MOUSE	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	1Z06	1IBR		Sc=6.19295, min distance = 2.370990
RB33B_MOUSE	1	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	2G77	1IBR		Sc=6.11207, min distance = 2.344860
RB33B_MOUSE	1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1Z06	1IAQ		Sc=6.0874, min distance = 2.371457
RB33B_MOUSE	1	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	2G77	1IAQ		Sc=6.50751, min distance = 2.410200
RB33B_MOUSE	1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	2G77	1G7C	0.99	Sc=6.05082, min distance = 2.616640
RB33B_MOUSE	1	8582	Inos	PURA1_MOUSE	Fu	8977	ldar	1LON	2G77	1IWE	0.99	Sc=6.37947, min distance = 2.880410
RB33B_MOUSE	1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1Z06	1RJ9	0.99	Sc=6.24301, min distance = 2.521440
RB33B_MOUSE	1	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	2G77	2QME	0.99	Sc=6.23539, min distance = 2.427740
RBCMT_PEA	Fu	21945395		SETD7_HUMAN	Fu	34756	Acy	1N6A	2H21	1XQH	0.88	Sc=6.50439, min distance = 2.290780
RBCMT_PEA	Fu	2266	azel	DCDA_METJA	Fu	5962	L-ly	1TWI	2H2E	1TUF		Sc=6.10216, min distance = 0.805540
RBCMT_PEA	Fu	444363	CI	POL_RSVSB	Fu	23831	HEF	1CXQ	1MLV	1VSD	0.86	Sc=5.64014, min distance = 2.482070
RBCMT_PEA	Fu	6274	hist	ARGT_SALTY	Fu	5962	L-ly	1LST	2H2E	1LAG		Sc=5.83805, min distance = 2.022180
RBCMT_PEA	Fu	6322	L-ar	ARGT_SALTY	Fu	5962	L-ly	1LST	2H2E	1LAF	0.79	Sc=5.94606, min distance = 2.371950
RBL2_RHORU	Fu	126892	1t	TPIS_TRYBB	Fu	439183	li	1IIH	1RUS	1TSI		Sc=5.63013, min distance = 2.491070
RBSD_BACSU	Fu	444205	CI	TRFL_BOVIN	Fu	441481	ri	2PX1	1OGD	2G93		Sc=5.8163, min distance = 2.1440260
RBSK_ECOLI	Fu	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1H1Q		Sc=6.38992, min distance = 2.277550
RBSK_ECOLI	Fu	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	3BHT		Sc=6.05144, min distance = 2.804250
RBSK_ECOLI	Fu	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	2VTR		Sc=6.01468, min distance = 2.240520
RBSK_ECOLI	Fu	33113	gan	KIF1A_MOUSE	Fu	91532	AMP	1I6I	1GQT	1VfV	0.99	Sc=5.9494, min distance = 2.1361920
RBSK_ECOLI	Fu	33113	gan	MURC_HAEIN	Fu	91532	AMP	1GQY	1GQT	1P3D	0.99	Sc=6.42953, min distance = 1.883080
RBSK_ECOLI	Fu	33113	gan	PURT_ECOLI	Fu	91532	AMP	1KJI	1GQT	1EYZ	0.99	Sc=6.42579, min distance = 2.463340
RBSK_ECOLI	Fu	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1RKD	2ZGZ	0.79	Sc=6.43457, min distance = 2.058570
RBSK_ECOLI	Fu	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1DM2		Sc=6.13567, min distance = 3.048960
RBSK_ECOLI	Fu	440317	AT	PKNB_MYCTU	Fu	91532	AMP	1O6Y	1GQT	1MRU	0.99	Sc=5.96034, min distance = 2.640240
RBSK_ECOLI	Fu	443200	CI	ACK1_HUMAN	Fu	91532	AMP	1U54	1GQT	1U4D		Sc=6.22322, min distance = 2.337210
RBSK_ECOLI	Fu	444564	AD	BIOD_ECOLI	Fu	91532	AMP	1DAG	1GQT	1BS1	0.91	Sc=6.352, min distance = 2.50623320
RBSK_ECOLI	Fu	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1RKD	1W9I	0.91	Sc=6.37893, min distance = 2.013750
RBSK_ECOLI	Fu	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1RKD	1COW	0.9	Sc=6.43253, min distance = 2.153640
RBSK_ECOLI	Fu	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1GII		Sc=6.35401, min distance = 2.011450
RBSK_ECOLI	Fu	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1GZ8		Sc=6.15372, min distance = 2.013320
RBSK_ECOLI	Fu	447652	In	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1OIQ		Sc=6.21602, min distance = 2.083850
RBSK_ECOLI	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1H1R		Sc=6.38992, min distance = 2.006850
RBSK_ECOLI	Fu	5288641	i	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1E9H		Sc=6.26679, min distance = 1.774240
RBSK_ECOLI	Fu	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	1RKD	1TYQ	0.99	Sc=5.98822, min distance = 2.147320
RBSK_ECOLI	Fu	5957	Ader	BIOD_ECOLI	Fu	91532	AMP	1DAG	1GQT	1A82	0.99	Sc=5.95143, min distance = 2.411180
RBSK_ECOLI	Fu	5957	Ader	HSP7F_YEAST	Fu	6022	Aden	3C7N	1RKD	3D2F	0.99	Sc=5.97002, min distance = 2.315740
RBSK_ECOLI	Fu	5957	Ader	LT_SV40	Full=]	6022	Aden	1SVL	1RKD	1SVM	0.99	Sc=6.49097, min distance = 0.903990

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RBSK_ECOLI	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1RKD	1W7A	0.99	Sc=6.41285, min distance = 2.24578
RBSK_ECOLI	F1	5957	Ader	NIFH1_AZOVI	F1	91532	AMF	2AFK	1GQT	2C8V	0.99	Sc=5.96674, min distance = 2.39571
RBSK_ECOLI	F1	5957	Ader	PDXK_SHEEP	Fu	6022	Aden	1RFU	1RKD	1LHR	40.91	0.99 Sc=6.47678, min distance = 1.20706
RBSK_ECOLI	F1	5957	Ader	PDXK_SHEEP	Fu	91532	AMF	1RFT	1GQT	1LHR	40.91	0.99 Sc=6.40759, min distance = 2.63334
RBSK_ECOLI	F1	5957	Ader	PURP_METJA	Fu	91532	AMF	2R7K	1GQT	2R7L	0.99	Sc=5.9747, min distance = 2.32032
RBSK_ECOLI	F1	5957	Ader	Q53W83_THET8	1	6022	Aden	1V1A	1RKD	1V1B	26.87	0.99 Sc=6.39595, min distance = 2.61338
RBSK_ECOLI	F1	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	1RKD	2J9C	0.99	Sc=6.38432, min distance = 2.19585
RBSK_ECOLI	F1	6031	Uric	O33839_THEMA	1	6022	Aden	1XJK	1RKD	1XJG		Sc=5.81609, min distance = 2.65423
RBSK_ECOLI	F1	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	1RKD	2CVV		Sc=6.26732, min distance = 2.33951
RBSK_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1RKD	1XQS	0.99	Sc=6.30011, min distance = 2.39921
RBSK_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1RKD	2VII	0.99	Sc=6.25878, min distance = 2.69989
RBSK_ECOLI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1RKD	2R7M	0.99	Sc=5.80442, min distance = 2.78541
RBSK_ECOLI	F1	6083	ader	PURP_METJA	Fu	91532	AMF	2R7K	1GQT	2R7M	0.97	Sc=6.28441, min distance = 2.43611
RBSK_ECOLI	F1	6102809	E	O57883_PYRHO	1	6022	Aden	1WNL	1RKD	2E41	0.82	Sc=5.95253, min distance = 2.29653
RBSK_ECOLI	F1	6420140	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	2C5Y		Sc=6.56557, min distance = 1.82435
RBSK_ECOLI	F1	65051	ddT	NDKC_DICDI	Fu	6022	Aden	1KDN	1RKD	1F3F		Sc=6.40755, min distance = 1.38230
RBSK_ECOLI	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1RKD	2DXF	0.8	Sc=5.82475, min distance = 2.09268
RBSK_ECOLI	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1RKD	2DTH	0.89	Sc=6.08666, min distance = 1.97012
RBSK_ECOLI	F1	72271	7-H	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	1PKD		Sc=6.47757, min distance = 1.93172
RBSK_ECOLI	F1	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	1RKD	1XJE	0.8	Sc=6.3823, min distance = 2.18493
RBSK_ECOLI	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	1RKD	2CVW	0.8	Sc=6.38862, min distance = 2.15450
RBSK_ECOLI	F1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	1RKD	3BHV		Sc=6.29763, min distance = 2.22200
RBSK_HUMAN	F1	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	2FV7	3BHT		Sc=6.14938, min distance = 2.97976
RBSK_HUMAN	F1	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	2FV7	3BHU		Sc=6.21999, min distance = 2.94082
RBSK_HUMAN	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2FV7	1BS1	0.91	Sc=6.42092, min distance = 2.23856
RBSK_HUMAN	F1	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	2FV7	1W9I	0.91	Sc=6.46042, min distance = 2.02253
RBSK_HUMAN	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FV7	1GZ8		Sc=6.23199, min distance = 2.22902
RBSK_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FV7	1H1R		Sc=6.43793, min distance = 1.37306
RBSK_HUMAN	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2FV7	1W7A	0.99	Sc=6.49982, min distance = 1.32997
RBSK_HUMAN	F1	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	2FV7	2ZIA		Sc=5.89029, min distance = 2.01360
RBSK_HUMAN	F1	6031	Uric	O33839_THEMA	1	6022	Aden	1XJK	2FV7	1XJG		Sc=6.35597, min distance = 1.94611
RBSK_HUMAN	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2FV7	2R7M	0.99	Sc=6.37418, min distance = 2.53878
RBSK_HUMAN	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2FV7	1FMO	0.95	Sc=6.30124, min distance = 2.41643
RBSK_HUMAN	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2FV7	2DXF	0.8	Sc=6.37875, min distance = 2.18762
RBSK_HUMAN	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	2FV7	2DTH	0.89	Sc=6.18799, min distance = 1.50940
RBSK_HUMAN	F1	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	2FV7	1XJE	0.8	Sc=6.46037, min distance = 2.26269
RBSK_HUMAN	F1	91532	AMF	NIFH1_AZOVI	F1	6022	Aden	1FP6	2FV7	2AFK	0.99	Sc=6.53145, min distance = 1.86414

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RBSK_HUMAN	F1	91532	AME	PURP_METJA	Fu:	6022	Aden	2R7N	2FV7	2R7K	0.99	Sc=6.06322, min distance = 2.16640
RBSK_HUMAN	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2FV7	3BHV		Sc=6.37697, min distance = 1.51367
RCEH_RHOVI	F1	350021	Op	AOFB_HUMAN	Fu:	444279	1s	1OJD	1VRN	1OJC		Sc=5.84061, min distance = 2.14700
RCEM_RHOVI	F1	155448	B	GLPG_ECOLI	Fu:	444279	1s	2IRV	1VRN	3B44		Sc=5.69253, min distance = 1.32698
RDGB_ECOLI	F1	445708	AM	PURA_ECOLI	Fu:	8582	Inos	1CIB	2PYU	1SON	0.81	Sc=6.32324, min distance = 2.00514
RDGB_ECOLI	F1	65110	AIC	PURO_METHH	Fu:	8582	Inos	2NTK	2PYU	2NTL	0.97	Sc=6.22284, min distance = 2.00206
RDGB_ECOLI	F1	6804	guar	HPRT_ECOLI	Fu:	8582	Inos	1G9S	2PYU	1G9T	0.99	Sc=6.37329, min distance = 2.37095
RDGB_ECOLI	F1	73323	Xar	HGXR_TOXGO	Fu:	8582	Inos	1QK4	2PYU	1QK5	0.94	Sc=6.36196, min distance = 1.94932
RDRP_BPPH6	F1	449109	CI	FTSZ1_METJA	F1	6830	guan	1W5B	2JLG	1W5A		Sc=6.23282, min distance = 2.70183
RDRP_BPPH6	F1	65070	dUT	Q381M1_9TRYP	1	6830	guan	2Q0E	2JLG	2NOM		Sc=6.38461, min distance = 0.93721
RECA_DEIRA	F1	6083	ader	SRC_CHICK	Fu:	440317	AT	3DQW	1XP8	3DQX	0.97	Sc=6.36522, min distance = 2.43066
RECA_ECOLI	F1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	1XMS	2OXD		Sc=5.62916, min distance = 2.55755
RECA_ECOLI	F1	188966	dA	HSLU_ECOLI	Fu:	33113	gar	1E94	1XMS	1G4A	0.97	Sc=6.31915, min distance = 1.99699
RECA_ECOLI	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1XMV	3BHT		Sc=6.03866, min distance = 2.75710
RECA_ECOLI	F1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1XMV	3BHU		Sc=6.07971, min distance = 2.72593
RECA_ECOLI	F1	445479	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	1XMS	1F0Q		Sc=6.23972, min distance = 2.40597
RECA_ECOLI	F1	445966	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1XMV	1H0V		Sc=6.16452, min distance = 2.25314
RECA_ECOLI	F1	4565	1h1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1XMV	1H1R		Sc=6.0421, min distance = 2.41978
RECA_ECOLI	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1XMS	1ZOE		Sc=5.6971, min distance = 2.36622
RECA_ECOLI	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1XMS	1ZOG		Sc=5.63521, min distance = 2.57812
RECA_ECOLI	F1	5327148	C	IPKA_RABIT	Fu:	33113	gar	1CDK	1XMS	2ERZ		Sc=6.1463, min distance = 1.66005
RECA_ECOLI	F1	6083	ader	PIM1_HUMAN	Fu:	33113	gar	1XR1	1XMS	1YXU	0.97	Sc=6.29257, min distance = 1.83082
RECA_ECOLI	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	1XMV	2R7M	0.99	Sc=5.88072, min distance = 2.41345
RECA_ECOLI	F1	611002	Op	PIM1_HUMAN	Fu:	33113	gar	1XR1	1XMS	1YXX		Sc=6.13841, min distance = 2.12606
RECA_ECOLI	F1	6804	guar	NDK_PYRHO	Fu:	6022	Aden	2DYA	1XMV	2DXF	0.8	Sc=5.92522, min distance = 2.10146
RECA_ECOLI	F1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1XMV	3EJ1		Sc=6.18886, min distance = 1.67407
RECA_MYCS2	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2ZRO	3BHT		Sc=5.99673, min distance = 2.78134
RECA_MYCS2	F1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2ZRO	3BHU		Sc=6.03325, min distance = 3.02831
RECA_MYCS2	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2ZRO	1DM2		Sc=6.11785, min distance = 2.44962
RECA_MYCS2	F1	4565	1h1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2ZRO	1H1R		Sc=6.02535, min distance = 2.64103
RECA_MYCS2	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	2ZRO	1XQS	0.99	Sc=5.78899, min distance = 2.07042
RECA_MYCS2	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	2ZRO	2R7M	0.99	Sc=5.95212, min distance = 2.72008
RECA_MYCS2	F1	6083	ader	SRC_CHICK	Fu:	440317	AT	3DQW	2ZRJ	3DQX	0.97	Sc=6.29104, min distance = 2.56330
RECA_MYCS2	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	2ZRO	1FMO	0.95	Sc=6.11537, min distance = 2.37587
RECA_MYCS2	F1	656930	DI	DPO42_SULSO	F1	15993	dAT	2AGQ	2ZR9	1S9F		Sc=6.22555, min distance = 2.40645
RECA_MYCTU	F1	164628	de	PRIM_BPT7	Fu:	15993	dAT	1CR2	1MO6	1CR4		Sc=5.82322, min distance = 2.32791
RECA_MYCTU	F1	187790	de	DPOL_BPR69	Fu:	15993	dAT	2OZS	1MO6	1Q9X		Sc=6.14018, min distance = 2.70142

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RECA_MYCTU	F1	23727981	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	3BHT		Sc=5.99449, min distance = 2.722255
RECA_MYCTU	F1	23727982	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	3BHU		Sc=5.96457, min distance = 3.293040
RECA_MYCTU	F1	4369136	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	1DM2		Sc=6.08709, min distance = 2.063437
RECA_MYCTU	F1	444564	MYS2_DICDI	Fu	6022	Aden	1VOM	1M03	1W9I	0.91	Sc=5.9464, min distance = 2.0230434
RECA_MYCTU	F1	445940	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	1GZ8		Sc=6.05664, min distance = 2.032075
RECA_MYCTU	F1	446090	NDKC_DICDI	Fu	6022	Aden	1KDN	1M03	1HIY	0.97	Sc=6.43016, min distance = 1.116180
RECA_MYCTU	F1	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	1PXI		Sc=5.63428, min distance = 3.304042
RECA_MYCTU	F1	4564	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	1E1V		Sc=6.00907, min distance = 2.631252
RECA_MYCTU	F1	4565	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	1H1R		Sc=6.00907, min distance = 2.614524
RECA_MYCTU	F1	6083	PURP_METJA	Fu	6022	Aden	2R7N	1M03	2R7M	0.99	Sc=6.28955, min distance = 2.707856
RECA_MYCTU	F1	6083	SRC_CHICK	Fu	440317	AT	3DQW	1M04	3DQX	0.97	Sc=6.30896, min distance = 2.699332
RECA_MYCTU	F1	64968	DPO42_SULSO	Fu	15993	dAT	2AGQ	1M06	1S00		Sc=5.9447, min distance = 2.0070475
RECA_MYCTU	F1	64968	NRDD_BPT4	Fu	15993	dAT	1H7A	1M06	1H79		Sc=5.94862, min distance = 2.372511
RECA_MYCTU	F1	64968	PRIM_BPT7	Fu	15993	dAT	1CR2	1M06	1CR1		Sc=5.95286, min distance = 2.135370
RECA_MYCTU	F1	65103	NRDD_BPT4	Fu	15993	dAT	1H7A	1M06	1HK8	0.8	Sc=5.96944, min distance = 2.278106
RECA_MYCTU	F1	6918710	CDK2_HUMAN	Fu	6022	Aden	1GY3	1M03	3EJ1		Sc=6.14104, min distance = 2.197970
RECA_MYCTU	F1	8977	NDK_PYRHO	Fu	6022	Aden	2DYA	1M03	2DXE	0.8	Sc=5.9796, min distance = 2.0415241
RECA_MYCTU	F1	9543433	NDKC_DICDI	Fu	6022	Aden	1KDN	1M03	1F6T		Sc=6.36711, min distance = 1.673976
RECQ1_HUMAN	I	159354	DCK_HUMAN	Fu	6022	Aden	1P5Z	2V1X	2N07		Sc=5.94106, min distance = 1.788805
RECQ1_HUMAN	I	2608	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	1JSV		Sc=5.85826, min distance = 2.329662
RECQ1_HUMAN	I	447654	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	1OIT		Sc=6.19256, min distance = 2.151837
RECQ1_HUMAN	I	447655	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	1OIU		Sc=6.32555, min distance = 1.396161
RECQ1_HUMAN	I	447916	RIO1_ARCFU	Fu	6022	Aden	1ZTH	2V1X	1ZTF	0.95	Sc=6.20903, min distance = 2.516428
RECQ1_HUMAN	I	447955	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	1PXI		Sc=5.69024, min distance = 2.307131
RECQ1_HUMAN	I	454194	DCK_HUMAN	Fu	6022	Aden	1P5Z	2V1X	2N09		Sc=5.80839, min distance = 1.914200
RECQ1_HUMAN	I	4566	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	1H1S		Sc=6.34884, min distance = 1.218217
RECQ1_HUMAN	I	5288016	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2B53		Sc=6.1138, min distance = 2.0354839
RECQ1_HUMAN	I	5327097	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2BTS		Sc=5.78319, min distance = 1.837146
RECQ1_HUMAN	I	5327130	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2C68		Sc=5.85921, min distance = 1.981803
RECQ1_HUMAN	I	5327132	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2C6I		Sc=6.14778, min distance = 2.596603
RECQ1_HUMAN	I	5905	KITH_HHV11	Fu	6022	Aden	2VTK	2V1X	1KI7		Sc=5.76913, min distance = 2.010039
RECQ1_HUMAN	I	5957	BIOD_ECOLI	Fu	6022	Aden	1DAD	2V1X	1A82	0.99	Sc=6.4555, min distance = 2.2767081
RECQ1_HUMAN	I	5957	KTHY_HUMAN	Fu	6022	Aden	1NN3	2V1X	1E2Q	0.99	Sc=6.09619, min distance = 2.268770
RECQ1_HUMAN	I	5957	MUTS_ECOLI	Fu	6022	Aden	1OH7	2V1X	1W7A	0.99	Sc=6.07439, min distance = 2.114310
RECQ1_HUMAN	I	60825	DCK_HUMAN	Fu	6022	Aden	1P5Z	2V1X	2NOA		Sc=5.80173, min distance = 2.023247
RECQ1_HUMAN	I	6083	GLNA1_MYCTU	Fu	6022	Aden	2BVC	2V1X	1HTO	0.99	Sc=5.84665, min distance = 1.984931
RECQ1_HUMAN	I	6083	PSPF_ECOLI	Fu	6022	Aden	2C98	2V1X	2VII	0.99	Sc=6.3529, min distance = 2.3933110

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RECQ1_HUMAN	1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	2V1X	1Q97	0.95	Sc=6.22094, min distance = 2.393637
RECQ1_HUMAN	1	60961	ade	STK6_HUMAN	Fu	6022	Aden	1MQ4	2V1X	1MUO	0.95	Sc=6.19977, min distance = 1.764531
RECQ1_HUMAN	1	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2V1X	1D0X		Sc=5.71639, min distance = 2.332599
RECQ1_HUMAN	1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2V1X	1D0Y		Sc=6.09855, min distance = 2.411519
RECQ1_HUMAN	1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	1Y8Y		Sc=5.88073, min distance = 2.467301
RECQ1_HUMAN	1	6852201	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2G9X		Sc=6.55176, min distance = 1.346928
RECQ1_HUMAN	1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	2V1X	1DAG	0.99	Sc=6.13737, min distance = 2.052161
RECQ1_HUMAN	1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	2V1X	1W48	0.99	Sc=6.45442, min distance = 2.336972
RECQ1_HUMAN	1	9926933	i	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2VTI		Sc=6.09899, min distance = 1.623621
RECQ1_HUMAN	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	2V1X	2R3H		Sc=5.7, min distance = 2.0814756784
REG6_PYRHO	F1	33032	L-g	SYQ_ECOLI	Ful	5961	L-gl	1ZJW	2CYY	100C	0.84	Sc=5.6254, min distance = 2.2460888
RENI_HUMAN	F1	23831	HEE	GSK3B_HUMAN	F1	311	citri	1R0E	2IL2	1H8F		Sc=5.75351, min distance = 1.003959
RENT1_HUMAN	1	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	2GJK	2OXD		Sc=5.70727, min distance = 2.108328
RENT1_HUMAN	1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2GJK	2ETK		Sc=6.1356, min distance = 2.0670819
RENT1_HUMAN	1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2GJK	2ESM		Sc=5.94462, min distance = 1.946792
RENT1_HUMAN	1	444564	AI	MYS2_DICDI	Fu	33113	gar	1MMN	2GJK	1W9I	0.91	Sc=6.43534, min distance = 2.073179
RENT1_HUMAN	1	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	2GK6	1W9I	0.91	Sc=5.60448, min distance = 2.469060
RENT1_HUMAN	1	447004	CI	MYS2_DICDI	Fu	6022	Aden	1VOM	2GK6	1LVK		Sc=6.00172, min distance = 2.143099
RENT1_HUMAN	1	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GK6	1PF8		Sc=5.87388, min distance = 2.113812
RENT1_HUMAN	1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2GJK	2ETR		Sc=6.18811, min distance = 2.183270
RENT1_HUMAN	1	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	2GJK	3D9V		Sc=6.04565, min distance = 2.041049
RENT1_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2GJK	2ERZ		Sc=6.17673, min distance = 2.466039
RENT1_HUMAN	1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2GK6	1W7A	0.99	Sc=5.81706, min distance = 2.433069
RENT1_HUMAN	1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2GJK	1XQS	0.97	Sc=6.35774, min distance = 2.233847
RENT1_HUMAN	1	6083	ader	Q6L8F0_THETH	1	33113	gar	1V25	2GJK	1V26	0.97	Sc=6.32121, min distance = 2.487619
RENT1_HUMAN	1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2GJK	1YI4	0.93	Sc=6.1349, min distance = 2.7341379
RENT1_HUMAN	1	6338563	C	MYS2_DICDI	Fu	33113	gar	1MMN	2GJK	1D0Z		Sc=6.22147, min distance = 2.455321
RENT1_HUMAN	1	6338566	C	MYS2_DICDI	Fu	33113	gar	1MMN	2GJK	1D1C		Sc=6.24926, min distance = 2.141138
RENT1_HUMAN	1	6914614	g	IPKA_RABIT	Fu	6022	Aden	1JBP	2GK6	2F7Z		Sc=6.4577, min distance = 2.2705827
RENT1_HUMAN	1	91532	AMF	KIF1A_MOUSE	F1	33113	gar	1VFV	2GJK	1I6I	0.99	Sc=6.06226, min distance = 2.503577
RERG_HUMAN	F1	37792	gar	GNAI1_RAT	Ful	8977	1dar	1SVK	2ATV	1AS0	0.99	Sc=6.05135, min distance = 2.276599
RERG_HUMAN	F1	37792	gar	RAB6B_HUMAN	F1	8977	1dar	2E9S	2ATV	2FFQ	0.99	Sc=6.50632, min distance = 1.916179
RERG_HUMAN	F1	37792	gar	RB11A_HUMAN	F1	8977	1dar	1OIX	2ATV	1OIW	0.99	Sc=6.05827, min distance = 2.306657
RERG_HUMAN	F1	37792	gar	RHOA_HUMAN	Fu	8977	1dar	1TX4	2ATV	1CXZ	0.99	Sc=6.51984, min distance = 2.162688
RERG_HUMAN	F1	444148	1a	RHA1_ARATH	Fu	8977	1dar	2EFC	2ATV	2EFE	0.99	Sc=6.45761, min distance = 2.114831
RERG_HUMAN	F1	444845	1c	RASH_HUMAN	Fu	8977	1dar	2CE2	2ATV	1CLU	0.97	Sc=6.5431, min distance = 2.0250439
RERG_HUMAN	F1	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	2ATV	1RRF		Sc=6.43558, min distance = 2.186219

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RERG_HUMAN	Fu: 5496554	RASH_HUMAN	Fu: 8977	ldar	2CE2	2ATV	1GNQ		Sc=6.27228, min distance = 2.111351
RERG_HUMAN	Fu: 93082	Gak	CDC42_HUMAN	Fu: 8977	ldar	2NGR	2ATV	2ODB	0.99 Sc=6.55199, min distance = 2.370801
RERG_HUMAN	Fu: 93082	Gak	EFG_THETH	Fu: 8977	ldar	2BM0	2ATV	2J7K	0.99 Sc=6.52618, min distance = 2.144580
RERG_HUMAN	Fu: 93082	Gak	RAC3_HUMAN	Fu: 8977	ldar	2C2H	2ATV	2QME	0.99 Sc=6.54706, min distance = 1.879381
RERG_HUMAN	Fu: 93082	Gak	RASH_HUMAN	Fu: 8977	ldar	2CE2	2ATV	121P	0.99 Sc=6.54264, min distance = 2.054534
RET2_RAT	Fu: 444634	RT	RET4_HUMAN	Fu: 445354	re	1RBP	10PB	1BRP	Sc=5.86859, min distance = 2.194019
RET_HUMAN	Fu: 15342951		PYGM_RABIT	Fu: 6083	aden	8GPB	2IVT	3BCR	Sc=6.08716, min distance = 2.471254
RET_HUMAN	Fu: 16040294		SRC_CHICK	Fu: 6083	aden	3DQX	2IVT	3F6X	40.08 Sc=6.56746, min distance = 2.375361
RET_HUMAN	Fu: 24180721		PIM1_HUMAN	Fu: 6083	aden	1YXU	2IVT	3C4E	27.45 Sc=5.85647, min distance = 3.089791
RET_HUMAN	Fu: 24851689		PIM1_HUMAN	Fu: 6083	aden	1YXU	2IVT	3CY2	27.45 Sc=6.25403, min distance = 1.763940
RET_HUMAN	Fu: 24905142		SRC_CHICK	Fu: 6083	aden	3DQX	2IVT	3EN4	40.08 Sc=6.44487, min distance = 0.723051
RET_HUMAN	Fu: 24905143		SRC_CHICK	Fu: 6083	aden	3DQX	2IVT	3EN7	40.08 Sc=6.22653, min distance = 1.567576
RET_HUMAN	Fu: 24905152		SRC_CHICK	Fu: 6083	aden	3DQX	2IVT	3EN6	40.08 Sc=6.2553, min distance = 2.2686070
RET_HUMAN	Fu: 24905153		SRC_CHICK	Fu: 6083	aden	3DQX	2IVT	3EN5	40.08 Sc=6.29281, min distance = 2.075376
RET_HUMAN	Fu: 2519	caff	PYGM_RABIT	Fu: 6083	aden	8GPB	2IVT	1GFZ	Sc=5.78991, min distance = 2.666199
RET_HUMAN	Fu: 3758	IBMX	PDE4D_HUMAN	Fu: 6083	aden	1TB7	2IVT	1ZKN	Sc=5.97688, min distance = 2.067038
RET_HUMAN	Fu: 3973	nche	PIM1_HUMAN	Fu: 6083	aden	1YXU	2IVT	1YI3	27.45 Sc=5.95079, min distance = 0.711501
RET_HUMAN	Fu: 403186	CI	PYGM_RABIT	Fu: 6083	aden	8GPB	2IVT	1Z62	Sc=6.26177, min distance = 2.085261
RET_HUMAN	Fu: 445708	AM	NADE_ECOLI	Fu: 6083	aden	1WXI	2IVT	1WXE	0.91 Sc=6.28998, min distance = 2.721321
RET_HUMAN	Fu: 447261	PA	PANC_MYCTU	Fu: 6083	aden	2A7X	2IVT	1N2I	0.89 Sc=6.56132, min distance = 2.475566
RET_HUMAN	Fu: 5281680	Q	PIM1_HUMAN	Fu: 6083	aden	1YXU	2IVT	2O64	27.45 Sc=6.41964, min distance = 0.812979
RET_HUMAN	Fu: 5789	thyn	PYGM_RABIT	Fu: 6083	aden	8GPB	2IVT	3BCU	Sc=6.06749, min distance = 2.804621
RET_HUMAN	Fu: 6076	Cycl	PDE10_HUMAN	Fu: 6083	aden	2OUN	2IVT	2OUR	0.99 Sc=6.22841, min distance = 2.400309
RET_HUMAN	Fu: 611002	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	2IVT	1YXX	27.45 Sc=5.99448, min distance = 2.527019
RET_HUMAN	Fu: 6419789	C	HASP_HUMAN	Fu: 6083	aden	3DLZ	2IVT	3E7V	Sc=6.15216, min distance = 2.804478
RET_HUMAN	Fu: 65110	AIC	YL28_SCHPO	Fu: 6083	aden	2OOX	2IVT	2QRE	0.79 Sc=6.2531, min distance = 2.3177519
RET_HUMAN	Fu: 6804	guar	PDE10_HUMAN	Fu: 6083	aden	2OUN	2IVT	2OUQ	0.8 Sc=6.36721, min distance = 0
RET_HUMAN	Fu: 8582	Inos	PYGM_RABIT	Fu: 6083	aden	8GPB	2IVT	2QN7	0.79 Sc=6.31254, min distance = 2.594781
REV1_YEAST	Fu: 119119	Di	DPO42_SULSO	Fu: 65091	dCT	2ASD	2AQ4	1S97	0.93 Sc=5.80502, min distance = 2.369119
REV1_YEAST	Fu: 13945	Dec	Q93IG4_MYCMS	Fu: 65091	dCT	2JAQ	2AQ4	2JAT	0.97 Sc=6.17647, min distance = 2.053694
REV1_YEAST	Fu: 448381	2	DPOLL_HUMAN	Fu: 65091	dCT	2PFP	2AQ4	2PFN	0.82 Sc=5.92821, min distance = 2.567124
REV1_YEAST	Fu: 64968	dTT	DPO42_SULSO	Fu: 65091	dCT	2ASD	2AQ4	1S00	0.75 Sc=5.98503, min distance = 2.245632
REV1_YEAST	Fu: 64968	dTT	DPOLL_HUMAN	Fu: 65091	dCT	2PFP	2AQ4	2BCV	0.75 Sc=5.97105, min distance = 2.458762
REV1_YEAST	Fu: 64968	dTT	DPOL_BPR69	Fu: 65091	dCT	1Q9Y	2AQ4	3CQ8	0.75 Sc=5.98503, min distance = 2.396788
REV1_YEAST	Fu: 64968	dTT	POLI_HUMAN	Fu: 65091	dCT	2DPI	2AQ4	1T3N	0.75 Sc=5.99534, min distance = 2.118469
REV1_YEAST	Fu: 656930	DI	DPO42_SULSO	Fu: 65091	dCT	2ASD	2AQ4	1S9F	0.92 Sc=6.25107, min distance = 2.738431
REX_BACSU	Fu: 11696113		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	2VT3	2VO3	Sc=6.19417, min distance = 2.394081

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REX_BACSU Fu: 15602983	KAPCA_BOVIN Fu: 5957 Aden 1Q24	2VT3	2UW5		Sc=6.00007, min distance = 2.138951
REX_BACSU Fu: 3547 Fasv	KAPCA_BOVIN Fu: 5957 Aden 1Q24	2VT3	1Q8W		Sc=5.97535, min distance = 1.972548
REX_BACSU Fu: 449241 1y	KAPCA_BOVIN Fu: 5957 Aden 1Q24	2VT3	1YDT		Sc=6.00938, min distance = 1.843159
REX_THET8 Fu: 5893 nadi	CTBP1_RAT Ful: 439153 Di 1HL3	2DT5	1HKU	0.79	Sc=6.74241, min distance = 2.251159
RFAG_ECOLI Fu: 6030 Urid	PYRH_ECOLI Fu: 6031 Urid 2BND	2IV7	2BNE	0.99	Sc=6.2962, min distance = 2.0215549
RFAG_ECOLI Fu: 6132 Cyti	ECX1_PYRAB Fu: 6031 Urid 2PNZ	2IV7	2PO2	0.83	Sc=6.36732, min distance = 2.006636
RFAG_ECOLI Fu: 8629 UDP-	GSTA_BPT4 Ful: 6031 Urid 1XV5	2IV7	1Y6F	0.89	Sc=6.64185, min distance = 2.239998
RFAG_ECOLI Fu: 8629 UDP-	OTSA_ECOLI Fu: 6031 Urid 1GZ5	2IV7	1UQU	0.89	Sc=6.65183, min distance = 2.362111
RFBB_SALTY Fu: 169266 1,	GALE_HUMAN Fu: 5893 nadi 1HZJ	1KEW	1I3K	0.79	Sc=6.78277, min distance = 2.540011
RFBB_SALTY Fu: 439153 Di	Q9BJJ9_PLAFA 1 5893 nadi 1UH5	1KEW	1V35	0.79	Sc=6.77476, min distance = 2.361994
RFBB_SALTY Fu: 444427 CI	ADH_DROLE Ful: 5893 nadi 1SBY	1KEW	1B15	0.76	Sc=6.82924, min distance = 1.697122
RFBB_SALTY Fu: 445794 AD	ADHX_HUMAN Fu: 5893 nadi 2FZW	1KEW	2FZE		Sc=6.64477, min distance = 2.185229
RFBB_SALTY Fu: 446712 TI	RMLB_STRMU Fu: 164628 de 1KET	1KEW	1KEP		Sc=6.61428, min distance = 2.408592
RFBD_SALTY Fu: 165230 1a	DYR_ECOLI Ful: 5886 NADF 1RA2	1KC1	1RA9		Sc=6.40175, min distance = 2.030044
RFBD_SALTY Fu: 169266 1,	GALE_HUMAN Fu: 5893 nadi 1HZJ	1N2S	1I3K	0.79	Sc=6.75455, min distance = 2.031449
RFBD_SALTY Fu: 445794 AD	ADHX_HUMAN Fu: 5893 nadi 2FZW	1N2S	2FZE		Sc=6.59561, min distance = 2.277294
RFBE_SALTI Fu: 446696 dc	KCY_ECOLI Ful: 6132 Cyti 2CMK	1ORR	1KDT	0.88	Sc=6.16561, min distance = 2.219136
RFBE_SALTI Fu: 5893 nadi	GALE_ECOLI Fu: 439153 Di 1UDB	1ORR	1UDC	0.79	Sc=6.78663, min distance = 2.433544
RFBE_SALTI Fu: 6031 Urid	ECX1_PYRAB Fu: 6132 Cyti 2PO2	1ORR	2PNZ	0.83	Sc=6.3296, min distance = 2.0735394
RFBF_SALTY Fu: 6131 cyti	KPSU5_ECOLX Fu: 6176 Cyti 1H7G	1WVC	1H7F	0.98	Sc=6.2668, min distance = 2.3343421
RFBF_SALTY Fu: 6132 Cyti	KPSU5_ECOLX Fu: 6176 Cyti 1H7G	1WVC	1H7H	0.99	Sc=6.34222, min distance = 2.110702
RFBG_SALTY Fu: 6022 Ader	ADH1E_HORSE Fu: 445794 AD 5ADH	1WVG	1JU9	0.95	Sc=6.4878, min distance = 1.8160366
RFBG_SALTY Fu: 6022 Ader	YMX7_YEAST Fu: 445794 AD 1TXZ	1WVG	1TY8	0.95	Sc=6.48196, min distance = 2.159274
RFC1_YEAST Fu: 444564 AD	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1W9I	0.91	Sc=6.44706, min distance = 2.256582
RFC1_YEAST Fu: 6083 ader	SRC_CHICK Ful: 440317 AT 3DQW	1SXJ	3DQX	0.97	Sc=6.38508, min distance = 1.888601
RFC1_YEAST Fu: 6338562 C	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1D0Y		Sc=6.22923, min distance = 2.321191
RFC1_YEAST Fu: 6338563 C	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1D0Z		Sc=6.26015, min distance = 2.014039
RFC2_YEAST Fu: 5957 Ader	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1FMW	0.99	Sc=6.50401, min distance = 0
RFC2_YEAST Fu: 6338566 C	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1D1C		Sc=6.26593, min distance = 2.350207
RFC3_YEAST Fu: 444564 AD	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1W9I	0.91	Sc=6.46696, min distance = 2.198706
RFC3_YEAST Fu: 6083 ader	SRC_CHICK Ful: 440317 AT 3DQW	1SXJ	3DQX	0.97	Sc=6.40268, min distance = 2.277842
RFC3_YEAST Fu: 6338562 C	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1D0Y		Sc=6.22375, min distance = 2.393271
RFC4_YEAST Fu: 444564 AD	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1W9I	0.91	Sc=6.46828, min distance = 2.295352
RFC4_YEAST Fu: 5957 Ader	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1FMW	0.99	Sc=6.50237, min distance = 0
RFC4_YEAST Fu: 6338566 C	MYS2_DICDI Fu: 440317 AT 1MMG	1SXJ	1D1C		Sc=6.25616, min distance = 2.036401
RFC5_YEAST Fu: 11957393	FAK1_HUMAN Fu: 6022 Aden 1MP8	1SXJ	2ETM		Sc=6.3986, min distance = 2.0236516
RFC5_YEAST Fu: 24864077	CDK2_HUMAN Fu: 6022 Aden 1GY3	1SXJ	2VTN		Sc=6.25786, min distance = 2.023746

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RFC5_YEAST	F1	445841	py	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1GIJ		Sc=6.57025, min distance = 1.648566
RFC5_YEAST	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1OI9		Sc=6.44489, min distance = 2.442947
RFC5_YEAST	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1OIU		Sc=6.42372, min distance = 1.703017
RFC5_YEAST	F1	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1PF8		Sc=6.14938, min distance = 1.619553
RFC5_YEAST	F1	449088	1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1VYZ		Sc=6.14555, min distance = 2.217980
RFC5_YEAST	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1H1R		Sc=6.37158, min distance = 2.325390
RFC5_YEAST	F1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	1H1S		Sc=6.36751, min distance = 2.114083
RFC5_YEAST	F1	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1SXJ	2BTS		Sc=5.98896, min distance = 1.548767
RFC5_YEAST	F1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1SXJ	2ZIA		Sc=5.92186, min distance = 2.277356
RFC5_YEAST	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1SXJ	1XQS	0.99	Sc=6.34722, min distance = 2.218762
RFC5_ARCFU	F1	1694	TBBt	CSK2A_MAIZE	F1	33113	gar	1LP4	2CHG	1J91		Sc=5.6386, min distance = 1.9723839
RFC5_ARCFU	F1	188966	dz	HSLU_ECOLI	Fu	33113	gar	1E94	2CHG	1G4A	0.97	Sc=6.44071, min distance = 2.307060
RFC5_ARCFU	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2CHG	2ETK		Sc=6.14728, min distance = 1.940606
RFC5_ARCFU	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2CHG	2ETR		Sc=6.11528, min distance = 1.732859
RFC5_ARCFU	F1	5149739	2	CSK2A_MAIZE	F1	33113	gar	1LP4	2CHG	2OXY		Sc=5.61035, min distance = 2.186783
RFC5_ARCFU	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2CHG	1ZOE		Sc=5.76721, min distance = 2.275776
RFC5_ARCFU	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2CHG	2ERZ		Sc=6.2259, min distance = 1.6847522
RFC5_ARCFU	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	2CHG	3CJ7	0.97	Sc=6.34489, min distance = 2.125369
RFC5_ARCFU	F1	6083	ader	Q6L8F0_THETH	1	33113	gar	1V25	2CHG	1V26	0.97	Sc=6.38285, min distance = 2.012459
RFC5_ARCFU	F1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2CHG	1YI4	0.93	Sc=6.31131, min distance = 1.838000
RFC5_ARCFU	F1	60961	ade	STK6_HUMAN	Fu	33113	gar	2DWB	2CHG	1MUO	0.93	Sc=6.27417, min distance = 1.957078
RFC5_ARCFU	F1	6338563	C	MYS2_DICDI	Fu	33113	gar	1MMN	2CHG	1D0Z		Sc=6.22446, min distance = 2.154839
RFC5_ARCFU	F1	6338566	C	MYS2_DICDI	Fu	33113	gar	1MMN	2CHG	1D1C		Sc=6.23321, min distance = 1.920776
RFC5_ARCFU	F1	65103	dGT	RIR1_YEAST	Fu	33113	gar	2EUD	2CHG	2CVX	0.78	Sc=6.50632, min distance = 1.929623
RFC5_ARCFU	F1	91532	AMF	PURT_ECOLI	Fu	33113	gar	1EYZ	2CHG	1KJI	0.99	Sc=6.49945, min distance = 2.320432
RFC5_PYRFU	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	1IQP	1BS1	0.91	Sc=6.47759, min distance = 2.184777
RFC5_PYRFU	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IQP	1CKP		Sc=5.60103, min distance = 2.220636
RFC5_PYRFU	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1IQP	1COW	0.9	Sc=6.52616, min distance = 1.941847
RFC5_PYRFU	F1	445840	di	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IQP	1GII		Sc=6.4395, min distance = 1.3785314
RFC5_PYRFU	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IQP	1GZ8		Sc=6.24657, min distance = 1.324904
RFC5_PYRFU	F1	447766	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IQP	1P2A		Sc=6.41447, min distance = 1.054518
RFC5_PYRFU	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IQP	1E1V		Sc=6.26863, min distance = 0.971896
RFC5_PYRFU	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IQP	1H1R		Sc=6.44459, min distance = 1.125540
RFC5_PYRFU	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1IQP	1A82	0.99	Sc=5.77893, min distance = 2.374547
RFC5_PYRFU	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1IQP	1W7A	0.99	Sc=6.53713, min distance = 1.798119
RFC5_PYRFU	F1	5957	Ader	Q72H90_THET2	1	6022	Aden	2BEJ	1IQP	2BEK	0.99	Sc=6.53255, min distance = 1.410413
RFC5_PYRFU	F1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1IQP	2ZIA		Sc=6.40184, min distance = 2.377896

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RFC5_PYRFU	F1	60961	add	SKY1_YEAST	Fu	6022	Aden	1Q8Y	1IQP	1Q97	0.95	Sc=6.33116, min distance = 2.31543
RFC5_PYRFU	F1	6102784	Z	PSPF_ECOLI	Fu	6022	Aden	2C98	1IQP	2C99	0.99	Sc=6.53366, min distance = 2.06257
RFC5_PYRFU	F1	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	1IQP	1ZYU	0.99	Sc=6.54922, min distance = 2.18409
RFC5_PYRFU	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	1IQP	1DAG	0.99	Sc=6.04293, min distance = 2.24648
RFC5_PYRFU	F1	91532	AME	NIFH1_AZOVI	F1	6022	Aden	1FP6	1IQP	2AFK	0.99	Sc=6.55438, min distance = 1.82617
RFFG_ECOLI	F1	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	1BXX	1I3K	0.79	Sc=6.76955, min distance = 2.42390
RFFG_ECOLI	F1	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	1BXX	1UDB	0.79	Sc=6.76586, min distance = 2.36462
RFFG_ECOLI	F1	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1BXX	1V35	0.79	Sc=6.75868, min distance = 2.08256
RFFG_ECOLI	F1	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	1BXX	1GZ4		Sc=6.5136, min distance = 1.50245
RFFG_ECOLI	F1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1BXX	2BJA		Sc=6.48312, min distance = 1.13652
RHA1_ARATH	F1	444825	1c	PURA_ECOLI	Fu	8977	1dar	1QF5	2EFC	1CH8	0.95	Sc=5.696, min distance = 2.63565
RHA1_ARATH	F1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2EFC	1IBR		Sc=5.79846, min distance = 2.04805
RHA1_ARATH	F1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2EFC	1IAQ		Sc=5.7603, min distance = 2.12452
RHA1_ARATH	F1	93082	Gak	FTSY_THEAQ	Fu	8977	1dar	2IYL	2EFC	1RJ9	0.99	Sc=5.8562, min distance = 1.86004
RHA1_ARATH	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2EFC	121P	0.99	Sc=5.80054, min distance = 2.37504
RHAB_ECOLI	F1	15942652		CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	2DUV		Sc=6.27467, min distance = 2.03643
RHAB_ECOLI	F1	16046126		CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	2DS1		Sc=6.41837, min distance = 2.40273
RHAB_ECOLI	F1	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	3BHT		Sc=6.1303, min distance = 1.68980
RHAB_ECOLI	F1	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	3BHU		Sc=6.1732, min distance = 1.61379
RHAB_ECOLI	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2CGL	2ZGZ	0.79	Sc=5.98841, min distance = 2.48830
RHAB_ECOLI	F1	4369136	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	1DM2		Sc=6.11119, min distance = 1.80749
RHAB_ECOLI	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2CGL	1BS1	0.91	Sc=5.91218, min distance = 2.03248
RHAB_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	2CGL	1COW	0.9	Sc=5.99215, min distance = 2.23053
RHAB_ECOLI	F1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2CGL	1HIY	0.97	Sc=6.39587, min distance = 1.96115
RHAB_ECOLI	F1	448505	AI	NDKC_DICDI	Fu	6022	Aden	1KDN	2CGL	1S5Z	0.93	Sc=6.43282, min distance = 2.02066
RHAB_ECOLI	F1	4565	1h1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	1H1R		Sc=6.27842, min distance = 1.49700
RHAB_ECOLI	F1	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	2CGL	1TYQ	0.99	Sc=6.00225, min distance = 2.62866
RHAB_ECOLI	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2CGL	3D2F	0.99	Sc=5.98184, min distance = 2.50907
RHAB_ECOLI	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	2CGL	1W7A	0.99	Sc=5.98661, min distance = 1.04039
RHAB_ECOLI	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2CGL	3C4W	0.99	Sc=6.01311, min distance = 1.18081
RHAB_ECOLI	F1	6031	Uric	DCK_HUMAN	Fu	6022	Aden	1P5Z	2CGL	2ZIA		Sc=5.80502, min distance = 2.00746
RHAB_ECOLI	F1	6083	ader	GLNA1_MYCTU	F1	6022	Aden	2BVC	2CGL	1HTO	0.99	Sc=5.884, min distance = 2.37799
RHAB_ECOLI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2CGL	2R7M	0.99	Sc=6.30127, min distance = 2.22958
RHAB_ECOLI	F1	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2CGL	1D0X		Sc=6.15819, min distance = 2.15436
RHAB_ECOLI	F1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	2CGL	1D0Y		Sc=6.18267, min distance = 2.34036
RHAB_ECOLI	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	2CGL	2DXF	0.8	Sc=6.35458, min distance = 2.07867
RHAB_ECOLI	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2CGL	2DXE	0.8	Sc=6.4099, min distance = 2.12009

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RHAB_ECOLI	F1	8977	1dar	RIR1_YEAST	Fu	6022	Aden	2CVX	2CGL	2CVW	0.8	Sc=5.94078, min distance = 2.043121
RHAB_ECOLI	F1	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	2CGL	2PUL	0.99	Sc=6.03974, min distance = 1.932065
RHAB_ECOLI	F1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2CGL	3BHV		Sc=6.33543, min distance = 2.098205
RHAB_ECOUT	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	2UYT	2ZGZ	0.79	Sc=5.9948, min distance = 2.6922546
RHAB_ECOUT	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2UYT	1E1X		Sc=6.02332, min distance = 2.467654
RHAB_ECOUT	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	2UYT	1BS1	0.91	Sc=5.8968, min distance = 2.1303765
RHAB_ECOUT	F1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2UYT	1GZ8		Sc=6.16608, min distance = 2.031648
RHAB_ECOUT	F1	446090	1H	NDKC_DICDI	Fu	6022	Aden	1KDN	2UYT	1HIY	0.97	Sc=6.40345, min distance = 1.937675
RHAB_ECOUT	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2UYT	1E1V		Sc=6.06349, min distance = 2.125464
RHAB_ECOUT	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2UYT	3D2F	0.99	Sc=5.99068, min distance = 2.434484
RHAB_ECOUT	F1	5957	Ader	KTHY_HUMAN	Fu	6022	Aden	1NN3	2UYT	1E2Q	0.99	Sc=5.9732, min distance = 2.0562755
RHAB_ECOUT	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2UYT	3C4W	0.99	Sc=6.02152, min distance = 0.976175
RHAB_ECOUT	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	2UYT	2R7M	0.99	Sc=6.49461, min distance = 1.172571
RHAB_ECOUT	F1	6804	guar	NDK_PYRHO	Ful	6022	Aden	2DYA	2UYT	2DXF	0.8	Sc=6.34631, min distance = 2.231896
RHAB_ECOUT	F1	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	2UYT	1XJE	0.8	Sc=5.95052, min distance = 2.011618
RHAB_ECOUT	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2UYT	2ZGY	0.8	Sc=5.95327, min distance = 2.801834
RHAB_ECOUT	F1	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	2UYT	3BHV		Sc=6.2843, min distance = 2.0036022
RHAD_ECOLI	F1	445225	CI	FUCA_ECOLI	Fu	4797	1tpw	4FUA	1GT7	1E47		Sc=5.63198, min distance = 2.148755
RHAMD_ECOLI	I	439710	rh	PGRP_CAMDR	Fu	444305	L-	3C2X	3D46	3CG9		Sc=5.79727, min distance = 2.047342
RHEB_HUMAN	F1	37792	gan	GNAT1_BOVIN	F1	8977	1dar	1TAD	1XTQ	1TND	0.99	Sc=6.14311, min distance = 1.906456
RHEB_HUMAN	F1	37792	gan	RAB6B_HUMAN	F1	8977	1dar	2E9S	1XTQ	2FFQ	0.99	Sc=6.13239, min distance = 2.327546
RHEB_HUMAN	F1	37792	gan	RAC1_HUMAN	Fu	8977	1dar	1RYF	1XTQ	2FJU	0.99	Sc=6.15773, min distance = 2.364046
RHEB_HUMAN	F1	37792	gan	RB11A_HUMAN	F1	8977	1dar	1OIX	1XTQ	1OIW	0.99	Sc=6.12596, min distance = 2.416311
RHEB_HUMAN	F1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1XTR	1GNP		Sc=6.71729, min distance = 2.215546
RHEB_HUMAN	F1	446248	CI	RAN_HUMAN	Ful	36735	Gpp	1K5D	1XTR	1IBR		Sc=6.54936, min distance = 2.295896
RHEB_HUMAN	F1	446248	CI	RAN_HUMAN	Ful	8977	1dar	3CH5	1XTQ	1IBR		Sc=6.045, min distance = 2.30856362
RHEB_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1XTS	1IAQ		Sc=6.54201, min distance = 2.157715
RHEB_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1XTQ	1IAQ		Sc=6.01124, min distance = 2.243842
RHEB_HUMAN	F1	60961	ade	NUD16_XENLA	F1	6830	guan	2A8S	1XTS	2A8T		Sc=6.30021, min distance = 2.108736
RHEB_HUMAN	F1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1XTQ	1WAJ	0.99	Sc=6.01876, min distance = 2.154035
RHEB_HUMAN	F1	8582	Inos	PUR1_MOUSE	F1	6830	guan	1LOO	1XTS	1IWE	0.98	Sc=6.41112, min distance = 2.175862
RHEB_HUMAN	F1	93082	Gak	CDC42_HUMAN	F1	8977	1dar	2NGR	1XTQ	2ODB	0.99	Sc=6.21054, min distance = 2.208261
RHEB_HUMAN	F1	93082	Gak	EFG_THETH	Ful	8977	1dar	2BM0	1XTQ	2J7K	0.99	Sc=6.18723, min distance = 2.043988
RHEB_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1XTR	121P	0.99	Sc=6.564, min distance = 2.32656850
RHEB_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1XTS	121P	0.99	Sc=6.57216, min distance = 2.025041
RHEB_HUMAN	F1	93082	Gak	SRP54_THEAQ	F1	36735	Gpp	1JPN	1XTR	1RJ9	0.99	Sc=6.58198, min distance = 1.723515
RHOA_HUMAN	F1	444825	1c	PURA_ECOLI	Fu	8977	1dar	1QF5	1TX4	1CH8	0.95	Sc=5.96231, min distance = 2.455505

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RHOA_HUMAN	F1	444845	1d	RASH_HUMAN	Fu	8977	1dar	2CE2	1TX4	1CLU	33.52	0.97	Sc=5.80734, min distance = 2.547316
RHOA_HUMAN	F1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	1KMQ	1IBR			Sc=6.09818, min distance = 2.323904
RHOA_HUMAN	F1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	1TX4	1IBR			Sc=5.79746, min distance = 2.343745
RHOA_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1KMQ	1IAQ	33.52		Sc=6.0795, min distance = 2.1645316
RHOA_HUMAN	F1	5496555	G	RASH_HUMAN	Fu	8977	1dar	2CE2	1TX4	2EVW	33.52		Sc=6.00278, min distance = 2.061469
RHOA_HUMAN	F1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1TX4	1G7C		0.99	Sc=5.62451, min distance = 2.794829
RHOA_HUMAN	F1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	1TX4	2ODB		0.99	Sc=5.80331, min distance = 2.494428
RHOA_HUMAN	F1	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	1TX4	2J7K		0.99	Sc=5.7833, min distance = 2.1803586
RHOA_HUMAN	F1	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1KMQ	2QME		0.99	Sc=6.12046, min distance = 2.538703
RHOA_HUMAN	F1	93082	Gak	RAC3_HUMAN	Fu	8977	1dar	2C2H	1TX4	2QME		0.99	Sc=5.80918, min distance = 2.355313
RHOA_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1KMQ	121P	33.52	0.99	Sc=6.10741, min distance = 2.548323
RHOA_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1TX4	121P	33.52	0.99	Sc=5.79879, min distance = 2.537273
RHOC_HUMAN	F1	37792	gar	RAB6B_HUMAN	Fu	8977	1dar	2E9S	2GCN	2FFQ		0.99	Sc=6.0486, min distance = 2.3807652
RHOC_HUMAN	F1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	2GCN	1IBR			Sc=6.08497, min distance = 2.296493
RHOC_HUMAN	F1	8582	Inos	PURA1_MOUSE	Fu	8977	1dar	1LON	2GCN	1IWE		0.99	Sc=5.89808, min distance = 2.693738
RHOC_MOUSE	F1	8977	1dar	GNAI1_RAT	Fu	37792	gar	1AS0	2GCP	1SVK		0.99	Sc=6.03184, min distance = 2.499215
RHOC_MOUSE	F1	8977	1dar	GNAT1_BOVIN	Fu	37792	gar	1TND	2GCP	1TAD		0.99	Sc=6.03125, min distance = 2.387323
RHOC_MOUSE	F1	8977	1dar	RAB6B_HUMAN	Fu	37792	gar	2FFQ	2GCP	2E9S		0.99	Sc=6.03125, min distance = 2.614324
RHOC_MOUSE	F1	8977	1dar	RAC1_HUMAN	Fu	37792	gar	2FJU	2GCP	1RYF		0.99	Sc=6.01693, min distance = 2.523475
RHOC_MOUSE	F1	8977	1dar	RB11A_HUMAN	Fu	37792	gar	1OIW	2GCP	1OIX		0.99	Sc=6.03727, min distance = 2.559289
RIB4_SCHPO	F1	5326566	1	Q9HPW4_HALSA	1	444658	2a	2CCB	1KYV	2CC6		0.85	Sc=6.18548, min distance = 2.002910
RIB7_METJA	F1	16741136		DYR_ECOLI	Fu	5886	NADF	1RA2	2AZN	1RX9	1		Sc=5.97172, min distance = 2.419097
RIB7_METJA	F1	3080718	G	DYR_CHICK	Fu	5886	NADF	8DFR	2AZN	1DR2		0.9	Sc=6.3396, min distance = 2.1744859
RIBA_ECOLI	F1	449109	CI	FTSZ1_METJA	Fu	449108	CI	1W58	2BZ0	1W5A			Sc=6.47242, min distance = 1.796478
RIBA_ECOLI	F1	6830	guar	FTSZ1_METJA	Fu	449108	CI	1W58	2BZ0	1W5B		0.99	Sc=6.47866, min distance = 1.788689
RIBD_ECOLI	F1	16741136		DYR_ECOLI	Fu	5886	NADF	1RA2	207P	1RX9	1		Sc=5.9215, min distance = 1.7612863
RIBD_ECOLI	F1	441481	ri	RBSD_BACSU	Fu	447634	RI	10GE	20BC	10GD		0.78	Sc=5.60269, min distance = 1.840019
RICI_RICCO	F1	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	1OBT	3CY3			Sc=6.40106, min distance = 2.020115
RICI_RICCO	F1	11979	5-M	COBT_SALTY	Fu	190	adeni	1JH8	2P8N	1JHM			Sc=5.71795, min distance = 2.271127
RICI_RICCO	F1	1400	nche	RET_HUMAN	Fu	6083	aden	2IVT	1OBT	2IVV			Sc=6.25469, min distance = 2.294973
RICI_RICCO	F1	16758215		TGT_ZYMMO	Fu	100684	9-	1Q2R	1IL4	2PWV			Sc=6.05404, min distance = 1.916167
RICI_RICCO	F1	242831	2-	TGT_ZYMMO	Fu	100684	9-	1Q2R	1IL4	1S39			Sc=6.00357, min distance = 2.361836
RICI_RICCO	F1	24905143		SRC_CHICK	Fu	6083	aden	3DQX	1OBT	3EN7			Sc=6.28077, min distance = 2.047759
RICI_RICCO	F1	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1OBT	1GFZ			Sc=5.85641, min distance = 2.135135
RICI_RICCO	F1	33113	gar	ASSY_THET8	Fu	6083	aden	1J20	1OBT	1KOR		0.97	Sc=5.68543, min distance = 2.137029
RICI_RICCO	F1	445390	CI	TGT_ZYMMO	Fu	100684	9-	1Q2R	1IL4	1ENU			Sc=6.07036, min distance = 2.111693
RICI_RICCO	F1	446357	7-	TGT_ZYMMO	Fu	100684	9-	1Q2R	1IL4	1P0B			Sc=6.06055, min distance = 1.530977

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RICI_RICCO	F1	448010	1d	TGT_ZYMMO	Fu1	100684	9-	1Q2R	1IL4	1R5Y		Sc=6.09038, min distance = 2.106662
RICI_RICCO	F1	5287547	6	PURR_ECOLI	Fu1	190	adeni	2PUB	2P8N	2PUA	0.9	Sc=5.8173, min distance = 2.6004109
RICI_RICCO	F1	5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	2P8N	1S2I	0.93	Sc=5.7478, min distance = 1.8696890
RICI_RICCO	F1	611002	Op	PIM1_HUMAN	Fu1	6083	aden	1YXU	1OBT	1YXX		Sc=6.21454, min distance = 1.519448
RICI_RICCO	F1	656966	1y	PDE4D_HUMAN	Fu1	6083	aden	1TB7	1OBT	1Y2E		Sc=6.10499, min distance = 1.989609
RICI_RICCO	F1	656969	1y	PDE4B_HUMAN	Fu1	6083	aden	1ROR	1OBT	1Y2J		Sc=6.20316, min distance = 2.175339
RICI_RICCO	F1	764	guani	PURR_ECOLI	Fu1	190	adeni	2PUB	2P8N	1WET		Sc=5.88531, min distance = 2.486581
RICI_RICCO	F1	764	guani	TGT_ZYMMO	Fu1	100684	9-	1Q2R	1IL4	2PWU		Sc=5.88038, min distance = 2.483260
RICI_RICCO	F1	78598	5-M	COBT_SALTY	Fu1	190	adeni	1JH8	2P8N	1JHP		Sc=5.76272, min distance = 2.245504
RICI_RICCO	F1	790	hypox	PURR_ECOLI	Fu1	190	adeni	2PUB	2P8N	1JFT		Sc=5.78502, min distance = 2.705481
RIFK_HUMAN	F1	446090	1H	NDKC_DICDI	Fu1	6022	Aden	1KDN	1NB0	1HIY	0.97	Sc=6.48992, min distance = 2.021501
RIFK_HUMAN	F1	5957	Ader	ACTS_RABIT	Fu1	6022	Aden	1J6Z	1NB0	2FXU	0.99	Sc=6.50683, min distance = 2.081721
RIFK_HUMAN	F1	60961	ade	IPKA_RABIT	Fu1	6022	Aden	1JBP	1NB0	1FMO	0.95	Sc=6.3232, min distance = 2.2172961
RIFK_HUMAN	F1	6323394	C	RIB4_SCHPO	Fu1	444658	2a	1KYV	1NB9	2A59		Sc=5.72012, min distance = 2.402462
RIFK_HUMAN	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1NB0	2DTH	0.89	Sc=6.20542, min distance = 2.345378
RIFK_METJA	F1	16741044		PYRDA_LALCL	Fu1	444243	FA	1JUB	2VBV	1JRB		Sc=6.18129, min distance = 2.425544
RIFK_METJA	F1	446995	FM	CYB2_YEAST	Fu1	444243	FA	1KBI	2VBV	1LTD	0.77	Sc=6.18535, min distance = 2.501687
RIFK_METJA	F1	448076	CI	CYB2_YEAST	Fu1	444243	FA	1KBI	2VBV	1SZG	0.76	Sc=6.21926, min distance = 2.098668
RIFK_METJA	F1	5326566	1	Q9WZW1_THEMA	1	444243	FA	1T6Y	2VBV	1S4M	0.82	Sc=6.17894, min distance = 2.251760
RIFK_SCHPO	F1	3044933	A	ENPL_CANFA	Fu1	6022	Aden	1TC6	1N08	1U0Y	0.81	Sc=6.44814, min distance = 1.732314
RIFK_SCHPO	F1	36735	Gpp	PARM_ECOLX	Fu1	6022	Aden	1MWM	1N08	2ZGZ	0.79	Sc=6.10065, min distance = 2.015057
RIFK_SCHPO	F1	5957	Ader	ACTS_RABIT	Fu1	6022	Aden	1J6Z	1N08	2FXU	0.99	Sc=6.04338, min distance = 2.408234
RIFK_SCHPO	F1	5957	Ader	ARP3_BOVIN	Fu1	6022	Aden	2P9I	1N08	1TYQ	0.99	Sc=6.05243, min distance = 2.448564
RIFK_SCHPO	F1	5957	Ader	HSP7F_YEAST	Fu1	6022	Aden	3C7N	1N08	3D2F	0.99	Sc=6.06813, min distance = 2.304227
RIFK_SCHPO	F1	5957	Ader	MUTS_ECOLI	Fu1	6022	Aden	1OH7	1N08	1W7A	0.99	Sc=6.53468, min distance = 0.961962
RIFK_SCHPO	F1	6031	Uric	ECX1_PYRAB	Fu1	6022	Aden	2PO0	1N08	2PNZ		Sc=6.41199, min distance = 2.044098
RIFK_SCHPO	F1	60961	ade	IPKA_RABIT	Fu1	6022	Aden	1JBP	1N08	1FMO	0.95	Sc=6.33271, min distance = 2.342532
RIFK_SCHPO	F1	8977	1dar	NDK_THET8	Fu1	6022	Aden	1WKL	1N08	1WKK	0.8	Sc=6.47099, min distance = 2.048509
RIFK_SCHPO	F1	8977	1dar	PARM_ECOLX	Fu1	6022	Aden	1MWM	1N08	2ZGY	0.8	Sc=6.5042, min distance = 1.6542091
RIHB_ECOLI	F1	122671	9-	PNPH_BOVIN	Fu1	6021	inos	1A9S	3B9X	1A9P		Sc=6.35842, min distance = 2.090581
RIHB_ECOLI	F1	165138	3-	PNPH_HUMAN	Fu1	6021	inos	1RCT	3B9X	1V45	0.99	Sc=6.32806, min distance = 1.958640
RIHB_ECOLI	F1	23190	Dea	Q9GPQ4_TRYVI	1	6021	inos	1KIC	3B9X	1HP0		Sc=6.31549, min distance = 1.911207
RIHB_ECOLI	F1	444498	in	PNPH_BOVIN	Fu1	6021	inos	1A9S	3B9X	1B8N		Sc=6.43074, min distance = 2.048898
RIHB_ECOLI	F1	444499	Fc	PNPH_BOVIN	Fu1	6021	inos	1A9S	3B9X	1B8O		Sc=6.39677, min distance = 2.099774
RIHB_ECOLI	F1	444499	Fc	Q9GPQ4_TRYVI	1	6021	inos	1KIC	3B9X	2FF1		Sc=6.40308, min distance = 1.790867
RIHB_ECOLI	F1	446728	CI	Q9GPQ4_TRYVI	1	6021	inos	1KIC	3B9X	1KIE		Sc=6.31785, min distance = 2.048811
RIHB_ECOLI	F1	447722	9-	DEOD_ECOLI	Fu1	6021	inos	1PR0	3B9X	1OUM		Sc=6.36067, min distance = 1.830245

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RIHB_ECOLI	F1	447864	2'	DEOD_ECOLI	Fu:	6021	inos	1PR0	3B9X	1PKE	0.75	Sc=6.28507, min distance = 1.414140
RIHB_ECOLI	F1	6802	guar	PNPH_HUMAN	Fu:	6021	inos	1RCT	3B9X	1RFG	0.99	Sc=6.38306, min distance = 1.644535
RIHB_ECOLI	F1	764	guani	PNPH_HUMAN	Fu:	6021	inos	1RCT	3B9X	1V2H		Sc=5.78743, min distance = 1.792959
RIHB_ECOLI	F1	8646	Guar	PNPH_HUMAN	Fu:	6021	inos	1RCT	3B9X	1V41		Sc=5.78045, min distance = 1.853124
RIHB_ECOLI	F1	8975	2-F1	DEOD_ECOLI	Fu:	6021	inos	1PR0	3B9X	1PK9	0.78	Sc=6.34569, min distance = 1.729111
RILP_HUMAN	F1	446248	CI	RASH_HUMAN	Fu:	6830	guan	2CL7	1YHN	1IAQ		Sc=6.55843, min distance = 2.048526
RILP_HUMAN	F1	60961	ade	NUD16_XENLA	F1	6830	guan	2A8S	1YHN	2A8T		Sc=6.33354, min distance = 2.460935
RILP_HUMAN	F1	8582	Inos	PUR1_MOUSE	F1	6830	guan	1LOO	1YHN	1IWE	0.98	Sc=6.40649, min distance = 2.147141
RILP_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu:	6830	guan	2CL7	1YHN	121P	0.99	Sc=6.58813, min distance = 2.208920
RIO1_ARCFU	F1	11175137		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2UW7		Sc=6.173, min distance = 2.08709221
RIO1_ARCFU	F1	11373270		HSP82_YEAST	F1	6022	Aden	1AMW	1ZTH	2FXS		Sc=6.37029, min distance = 2.026311
RIO1_ARCFU	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2UVY		Sc=6.0599, min distance = 2.21153221
RIO1_ARCFU	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2VNW		Sc=6.02154, min distance = 2.179297
RIO1_ARCFU	F1	129236	2c	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1ZP9	2CSN		Sc=5.79897, min distance = 2.180281
RIO1_ARCFU	F1	15602982		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2UW6		Sc=6.0346, min distance = 1.48515041
RIO1_ARCFU	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2UW5		Sc=6.11323, min distance = 2.130491
RIO1_ARCFU	F1	17751819		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2VO6		Sc=6.25032, min distance = 1.969054
RIO1_ARCFU	F1	188966	dA	PAPS1_HUMAN	F1	6022	Aden	1X6V	1ZTH	2PEZ	0.98	Sc=5.82196, min distance = 2.082602
RIO1_ARCFU	F1	24762195		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	2VO0		Sc=6.27951, min distance = 2.079730
RIO1_ARCFU	F1	3540	lyds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	1YDS		Sc=5.82837, min distance = 2.284695
RIO1_ARCFU	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	1Q8W		Sc=5.89227, min distance = 1.586375
RIO1_ARCFU	F1	36735	Gpp	PARM_ECOLX	Fu:	6022	Aden	1MWM	1ZTH	2ZGZ	0.79	Sc=5.7087, min distance = 1.91743001
RIO1_ARCFU	F1	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	1E1X		Sc=6.09555, min distance = 1.499704
RIO1_ARCFU	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	1DM2		Sc=6.16823, min distance = 1.557358
RIO1_ARCFU	F1	444564	Al	MYS2_DICDI	Fu:	6022	Aden	1VOM	1ZTH	1W9I	0.91	Sc=5.89487, min distance = 2.174364
RIO1_ARCFU	F1	445736	5'	SYS2_METBF	Fu:	5957	Aden	2CJA	1ZP9	2CJ9	0.87	Sc=6.38435, min distance = 2.296155
RIO1_ARCFU	F1	445966	06	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	1H0V		Sc=6.05004, min distance = 2.120361
RIO1_ARCFU	F1	448293	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	1R78		Sc=6.42302, min distance = 1.592902
RIO1_ARCFU	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZP9	1YDR		Sc=5.91095, min distance = 2.046867
RIO1_ARCFU	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	1H1R		Sc=5.84677, min distance = 2.613745
RIO1_ARCFU	F1	6021	inos	DEOD_ECOLI	Fu:	447916	ad	1PR6	1ZTF	1PR0	0.79	Sc=6.07256, min distance = 2.080472
RIO1_ARCFU	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	1ZTH	2R7M	0.99	Sc=6.2574, min distance = 2.6030877
RIO1_ARCFU	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	1ZP9	2R85	0.98	Sc=6.26529, min distance = 2.365955
RIO1_ARCFU	F1	6083	ader	Y059_METJA	Fu:	5957	Aden	2J9C	1ZP9	2J9D	0.98	Sc=6.21636, min distance = 2.817937
RIO1_ARCFU	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	1ZTH	1FMO	0.95	Sc=6.09139, min distance = 3.046668
RIO1_ARCFU	F1	6102784	A	PSPF_ECOLI	Fu:	6022	Aden	2C98	1ZTH	2C99	0.99	Sc=5.93252, min distance = 2.352931
RIO1_ARCFU	F1	6133	uric	Q381M1_9TRYP	1	5957	Aden	2Q0D	1ZP9	2IKF		Sc=5.81276, min distance = 2.080977

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RIO1_ARCFU	F1	6176	Cyt1	PYRI_ECOLI	Fu:	5957	Aden	7AT1	1ZP9	2FZC		Sc=5.88125, min distance = 1.711849
RIO1_ARCFU	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1ZTH	2DTH	0.89	Sc=5.98212, min distance = 1.806590
RIO1_ARCFU	F1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	3EJ1		Sc=6.11408, min distance = 1.192244
RIO1_ARCFU	F1	72443	for	DEOD_ECOLI	Fu:	447916	ad	1PR6	1ZTF	1A69		Sc=6.07485, min distance = 2.132264
RIO1_ARCFU	F1	8977	1day	RIR1_YEAST	Fu:	6022	Aden	2CVX	1ZTH	2CVW	0.8	Sc=5.86196, min distance = 2.387664
RIO1_ARCFU	F1	91532	AME	NIFH1_AZOVI	F1	6022	Aden	1FP6	1ZTH	2AFK	0.99	Sc=6.43133, min distance = 1.989422
RIO1_ARCFU	F1	91532	AME	PURT_ECOLI	Fu:	5957	Aden	1KJ8	1ZP9	1KJI	0.99	Sc=5.98757, min distance = 1.588369
RIO1_ARCFU	F1	97184	6-M	DEOD_ECOLI	Fu:	447916	ad	1PR6	1ZTF	1OVG	0.9	Sc=6.10442, min distance = 1.574244
RIO1_ARCFU	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZTH	3BHV		Sc=6.33418, min distance = 2.047502
RIO2_ARCFU	F1	10224714		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	3DDP		Sc=6.38068, min distance = 2.333976
RIO2_ARCFU	F1	10403821		HS90A_HUMAN	F1	6022	Aden	1BYQ	1ZAR	3BM9		Sc=6.14034, min distance = 2.063230
RIO2_ARCFU	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZAO	2UVY		Sc=6.07398, min distance = 2.268376
RIO2_ARCFU	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZAO	2VNW		Sc=6.02681, min distance = 2.321010
RIO2_ARCFU	F1	11957393		FAK1_HUMAN	Fu:	6022	Aden	1MP8	1ZAR	2ETM		Sc=6.17973, min distance = 2.077584
RIO2_ARCFU	F1	129236	2d	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1ZAO	2CSN		Sc=5.76554, min distance = 2.324429
RIO2_ARCFU	F1	1540	1h1d	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1H1Q		Sc=6.08785, min distance = 2.037989
RIO2_ARCFU	F1	15942652		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2DUV		Sc=6.29653, min distance = 2.150618
RIO2_ARCFU	F1	160355	rd	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	3DDQ		Sc=6.20253, min distance = 2.325460
RIO2_ARCFU	F1	16122608		PDPK1_HUMAN	F1	5957	Aden	2BIY	1ZAO	2PE1		Sc=6.32072, min distance = 2.139179
RIO2_ARCFU	F1	16214823		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2UZB		Sc=6.09133, min distance = 2.745199
RIO2_ARCFU	F1	16214825		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2UZE		Sc=6.2772, min distance = 2.6213140
RIO2_ARCFU	F1	16214826		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2UZL		Sc=6.12349, min distance = 2.486448
RIO2_ARCFU	F1	16758212		GSK3B_HUMAN	F1	6022	Aden	1J1C	1ZAR	2O5K		Sc=6.26737, min distance = 1.975919
RIO2_ARCFU	F1	17754396		PDPK1_HUMAN	F1	5957	Aden	2BIY	1ZAO	2R7B		Sc=6.24394, min distance = 2.247966
RIO2_ARCFU	F1	23653515		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2R3F		Sc=5.89747, min distance = 2.412730
RIO2_ARCFU	F1	23653518		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2R3J		Sc=6.11119, min distance = 2.381250
RIO2_ARCFU	F1	23653519		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2R3K		Sc=6.19484, min distance = 2.291210
RIO2_ARCFU	F1	23653520		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2R3L		Sc=6.19914, min distance = 2.372182
RIO2_ARCFU	F1	23653522		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2R3N		Sc=6.18484, min distance = 1.742908
RIO2_ARCFU	F1	23653526		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2R3R		Sc=6.08322, min distance = 2.104219
RIO2_ARCFU	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	3BHT		Sc=6.21526, min distance = 1.641452
RIO2_ARCFU	F1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	3BHU		Sc=6.26096, min distance = 1.724989
RIO2_ARCFU	F1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	1TQM	2PVH		Sc=5.98043, min distance = 2.227384
RIO2_ARCFU	F1	24779678		CSK2A_MAIZE	F1	33113	gar	1LP4	1TQM	2PVM		Sc=6.08775, min distance = 2.305339
RIO2_ARCFU	F1	24864080		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2VTR		Sc=5.85126, min distance = 2.386569
RIO2_ARCFU	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZAO	1YDS		Sc=5.80391, min distance = 2.436129
RIO2_ARCFU	F1	36735	Gpp	CSK2A_MAIZE	F1	33113	gar	1LP4	1TQM	1DAY	0.8	Sc=5.96263, min distance = 2.067164

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RIO2_ARCFU	F1	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1E1X			Sc=6.0847, min distance = 1.8610475
RIO2_ARCFU	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1DM2			Sc=6.17532, min distance = 2.624224
RIO2_ARCFU	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1ZAR	1BS1	0.91		Sc=5.89903, min distance = 2.355440
RIO2_ARCFU	F1	444564	AD	MYS2_DICDI	Fu:	33113	gar	1MMN	1TQM	1W9I	0.91		Sc=6.35352, min distance = 2.134312
RIO2_ARCFU	F1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1GII			Sc=6.19127, min distance = 2.494329
RIO2_ARCFU	F1	447649	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1OI9			Sc=6.18861, min distance = 2.521863
RIO2_ARCFU	F1	447656	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1OYI			Sc=6.3487, min distance = 1.0048457
RIO2_ARCFU	F1	447766	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1P2A			Sc=6.28635, min distance = 2.327169
RIO2_ARCFU	F1	447821	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1PF8			Sc=6.12077, min distance = 2.263620
RIO2_ARCFU	F1	447916	ad	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	1ZAO	1ZTF	31.71	0.94	Sc=6.08088, min distance = 3.069629
RIO2_ARCFU	F1	447916	ad	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	1ZAR	1ZTF	31.71	0.95	Sc=6.08739, min distance = 3.079899
RIO2_ARCFU	F1	447962	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2C5N			Sc=6.10661, min distance = 3.064198
RIO2_ARCFU	F1	448005	CI	GSK3B_HUMAN	F1	6022	Aden	1J1C	1ZAR	1Q3W			Sc=6.2167, min distance = 2.7829209
RIO2_ARCFU	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1H1R			Sc=6.07505, min distance = 2.158770
RIO2_ARCFU	F1	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	1TQM	1Q41			Sc=6.1705, min distance = 2.2920098
RIO2_ARCFU	F1	5326739	i	GSK3B_HUMAN	F1	6022	Aden	1J1C	1ZAR	1Q41			Sc=6.16734, min distance = 2.284738
RIO2_ARCFU	F1	5327130	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2C68			Sc=6.08322, min distance = 2.232419
RIO2_ARCFU	F1	5327131	T	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2C69			Sc=6.07393, min distance = 2.433583
RIO2_ARCFU	F1	5331010	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2BKZ			Sc=6.1972, min distance = 2.2350241
RIO2_ARCFU	F1	5687	1di8	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1DI8			Sc=6.14542, min distance = 2.344473
RIO2_ARCFU	F1	6083	ader	AAKG1_RAT	Fu1:	5957	Aden	2V92	1ZAO	2V8Q	0.98		Sc=6.22181, min distance = 2.001829
RIO2_ARCFU	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	1TQM	1XQS	0.97		Sc=6.30932, min distance = 2.032130
RIO2_ARCFU	F1	6083	ader	PSPF_ECOLI	Fu:	6022	Aden	2C98	1ZAR	2VII	0.99		Sc=6.17941, min distance = 2.181863
RIO2_ARCFU	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	1ZAR	2R7M	0.99		Sc=6.25611, min distance = 2.083722
RIO2_ARCFU	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	1ZAO	2R85	0.98		Sc=6.25322, min distance = 2.073922
RIO2_ARCFU	F1	60961	ade	SKY1_YEAST	Fu:	33113	gar	1Q99	1TQM	1Q97	0.93		Sc=6.11537, min distance = 2.702022
RIO2_ARCFU	F1	611002	Og	PIM1_HUMAN	Fu:	33113	gar	1XR1	1TQM	1YXX			Sc=6.03643, min distance = 2.213319
RIO2_ARCFU	F1	6420139	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	2C5V			Sc=6.11571, min distance = 2.955068
RIO2_ARCFU	F1	6539118	g	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1FVV			Sc=6.42838, min distance = 2.082669
RIO2_ARCFU	F1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	1ZAR	2DTH	0.89		Sc=5.97182, min distance = 1.899140
RIO2_ARCFU	F1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	3EJ1			Sc=6.12731, min distance = 2.729453
RIO2_ARCFU	F1	91532	AMF	PURT_ECOLI	Fu:	33113	gar	1EYZ	1TQM	1KJI	0.99		Sc=5.97763, min distance = 2.393003
RIO2_ARCFU	F1	9547890	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	1W8C			Sc=6.11224, min distance = 2.160939
RIO2_ARCFU	F1	9549303	2	STK6_HUMAN	Fu:	6022	Aden	1MQ4	1ZAR	2NP8			Sc=6.40351, min distance = 2.200052
RIO2_ARCFU	F1	9817550	V	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1ZAR	3BHV			Sc=6.29092, min distance = 2.783082
RIP0_DIACA	F1	24316	cyc	CNGK1_RHILO	F1	6076	Cycl	1VP6	1LPC	3CL1	0.81		Sc=6.31779, min distance = 2.731610
RIP0_DIACA	F1	24316	cyc	HCN2_MOUSE	Fu:	6076	Cycl	3BPZ	1LPC	1Q3E	0.81		Sc=6.2596, min distance = 2.6387802

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RIP0_DIACA	F1	444632	ne	RICI_RICCO	Fu	190	adeni	2P8N	1LPD	1BR5	32.1	Sc=6.27754, min distance = 2.772774
RIP0_DIACA	F1	446280	CI	RICI_RICCO	Fu	190	adeni	2P8N	1LPD	1IFU	32.1	Sc=6.20768, min distance = 2.552740
RIP0_DIACA	F1	5287547	6	PURR_ECOLI	Fu	190	adeni	2PUB	1LPD	2PUA	0.9	Sc=5.74975, min distance = 2.876522
RIP0_DIACA	F1	5287830	6	Q8RLY5_LACHE	I	190	adeni	1S2D	1LPD	1S2I	0.93	Sc=5.70261, min distance = 1.783320
RIP0_DIACA	F1	6083	ader	PDE10_HUMAN	F1	6076	Cycl	2OUR	1LPC	2OUN	0.99	Sc=5.84163, min distance = 2.113590
RIP0_DIACA	F1	6083	ader	PDE4D_HUMAN	F1	6076	Cycl	2PW3	1LPC	1TB7	0.99	Sc=5.88199, min distance = 2.697668
RIP0_DIACA	F1	6804	guar	PDE10_HUMAN	F1	6076	Cycl	2OUR	1LPC	2OUQ	0.79	Sc=5.88928, min distance = 0
RIP0_DIACA	F1	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1LPD	1WET		Sc=5.81776, min distance = 2.222756
RIP0_DIACA	F1	78598	5-M	COBT_SALTY	Fu	190	adeni	1JH8	1LPD	1JHP		Sc=5.71485, min distance = 2.089284
RIP0_DIACA	F1	790	hypox	PURR_ECOLI	Fu	190	adeni	2PUB	1LPD	1JFT		Sc=5.71663, min distance = 2.863120
RIP1_MOMCH	F1	5287830	6	Q8RLY5_LACHE	I	190	adeni	1S2D	1AHA	1S2I	0.93	Sc=5.74645, min distance = 1.921386
RIP1_MOMCH	F1	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1AHA	1WET		Sc=5.88421, min distance = 2.191919
RIP1_MOMCH	F1	96253	7-I	RICI_RICCO	Fu	190	adeni	2P8N	1AHA	1IL3	36.93	Sc=5.91325, min distance = 2.119278
RIP1_PHYAM	F1	446280	CI	RICI_RICCO	Fu	444260	FC	1FMP	1PAG	1IFU	0.95	Sc=6.20768, min distance = 2.286410
RIPL2_PHYDI	I	11979	5-M	COBT_SALTY	Fu	190	adeni	1JH8	2QES	1JHM		Sc=5.74704, min distance = 2.123930
RIPL2_PHYDI	I	444632	ne	RICI_RICCO	Fu	190	adeni	2P8N	2QES	1BR5		Sc=5.86836, min distance = 2.398654
RIPL2_PHYDI	I	5287830	6	Q8RLY5_LACHE	I	190	adeni	1S2D	2QES	1S2I	0.93	Sc=5.75934, min distance = 1.744200
RIPL2_PHYDI	I	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	2QES	1WET		Sc=5.90232, min distance = 2.422382
RIPL2_PHYDI	I	790	hypox	PURR_ECOLI	Fu	190	adeni	2PUB	2QES	1JFT		Sc=5.8141, min distance = 2.712898
RIPL2_PHYDI	I	96253	7-I	RICI_RICCO	Fu	190	adeni	2P8N	2QES	1IL3		Sc=5.92803, min distance = 2.040980
RIPS_PHYAM	F1	11979	5-M	COBT_SALTY	Fu	190	adeni	1JH8	1J1R	1JHM		Sc=5.72621, min distance = 2.033080
RIPS_PHYAM	F1	444632	ne	RICI_RICCO	Fu	190	adeni	2P8N	1J1R	1BR5	29.1	Sc=5.85231, min distance = 2.345114
RIPS_PHYAM	F1	444632	ne	RICI_RICCO	Fu	444260	FC	1FMP	1J1S	1BR5	29.1	Sc=6.2942, min distance = 2.179237
RIPS_PHYAM	F1	5287547	6	PURR_ECOLI	Fu	190	adeni	2PUB	1J1R	2PUA	0.9	Sc=5.80046, min distance = 2.757275
RIPS_PHYAM	F1	5287830	6	Q8RLY5_LACHE	I	190	adeni	1S2D	1J1R	1S2I	0.93	Sc=5.74143, min distance = 1.824470
RIPS_PHYAM	F1	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1J1R	1WET		Sc=5.87401, min distance = 2.331240
RIPS_PHYAM	F1	78598	5-M	COBT_SALTY	Fu	190	adeni	1JH8	1J1R	1JHP		Sc=5.76272, min distance = 2.171164
RIPS_PHYAM	F1	790	hypox	PURR_ECOLI	Fu	190	adeni	2PUB	1J1R	1JFT		Sc=5.7742, min distance = 2.880189
RIPS_PHYAM	F1	96253	7-I	RICI_RICCO	Fu	190	adeni	2P8N	1J1R	1IL3	29.1	Sc=5.90715, min distance = 2.070869
RIPT_TRIKI	F1	444632	ne	RICI_RICCO	Fu	190	adeni	2P8N	1GIU	1BR5	37.8	Sc=5.82246, min distance = 2.467500
RIPT_TRIKI	F1	5287547	6	PURR_ECOLI	Fu	190	adeni	2PUB	1GIU	2PUA	0.9	Sc=5.76044, min distance = 2.590895
RIPT_TRIKI	F1	764	guani	PURR_ECOLI	Fu	190	adeni	2PUB	1GIU	1WET		Sc=5.8415, min distance = 2.094198
RIPT_TRIKI	F1	790	hypox	PURR_ECOLI	Fu	190	adeni	2PUB	1GIU	1JFT		Sc=5.74329, min distance = 2.684185
RIPT_TRIKI	F1	96253	7-I	RICI_RICCO	Fu	190	adeni	2P8N	1GIU	1IL3	37.8	Sc=5.86412, min distance = 2.057700
RIR1_ECOLI	F1	16122642		KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	2UZW		Sc=6.21975, min distance = 2.202490
RIR1_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	1Q8W		Sc=5.75491, min distance = 2.103560
RIR1_ECOLI	F1	449240	ly	KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	1YDR		Sc=5.76886, min distance = 2.261840

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RIR1_ECOLI	F1	449241	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	1YDT		Sc=5.94811, min distance = 2.242577
RIR1_ECOLI	F1	5327109	2	KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	2C1A		Sc=5.96013, min distance = 2.417290
RIR1_ECOLI	F1	5327110	1	KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	2C1B		Sc=6.10344, min distance = 2.243281
RIR1_ECOLI	F1	6083	ader	AAKG1_RAT	Fu1	5957	Aden	2V92	3R1R	2V8Q	0.98	Sc=5.82445, min distance = 2.118350
RIR1_ECOLI	F1	6802	guar	DPOL_BPR69	Fu1	8977	1dar	1CLQ	4R1R	1IH7	0.94	Sc=5.70918, min distance = 2.484665
RIR1_ECOLI	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	3R1R	2GNI		Sc=5.81308, min distance = 2.232477
RIR1_YEAST	F1	10109823		PIM1_HUMAN	Fu1	33113	gar	1XR1	2EUD	3CY3		Sc=6.32894, min distance = 2.222587
RIR1_YEAST	F1	15993	dAT	NRDD_BPT4	Fu1	65103	dGT	1HK8	2CVX	1H7A	0.8	Sc=6.30648, min distance = 2.126855
RIR1_YEAST	F1	15993	dAT	O33839_THEMA	1	65103	dGT	1XJJ	2CVX	1XJN	0.8	Sc=5.92054, min distance = 2.196685
RIR1_YEAST	F1	15993	dAT	PRIM_BPT7	Fu1	64968	dTT	1CR1	2CVW	1CR2		Sc=5.87216, min distance = 2.261521
RIR1_YEAST	F1	23727982		CDK2_HUMAN	Fu1	6022	Aden	1GY3	2CVX	3BHU		Sc=6.14401, min distance = 2.173894
RIR1_YEAST	F1	24851689		PIM1_HUMAN	Fu1	33113	gar	1XR1	2EUD	3CY2		Sc=6.13566, min distance = 2.035136
RIR1_YEAST	F1	3547	Fasu	ROCK1_HUMAN	Fu1	33113	gar	2V55	2EUD	2ESM		Sc=5.82235, min distance = 2.161125
RIR1_YEAST	F1	447979	5G	KGUA_ECOLI	Fu1	8977	1dar	2AN9	2CVW	2ANB		Sc=5.83543, min distance = 2.235766
RIR1_YEAST	F1	4565	1h1y	CDK2_HUMAN	Fu1	6022	Aden	1GY3	2CVX	1H1R		Sc=5.95826, min distance = 2.462351
RIR1_YEAST	F1	5327121	1	PIM1_HUMAN	Fu1	33113	gar	1XR1	2EUD	2C3I		Sc=5.99992, min distance = 2.618907
RIR1_YEAST	F1	60961	ade	IPKA_RABIT	Fu1	6022	Aden	1JBP	2CVX	1FMO	0.95	Sc=6.21059, min distance = 2.173801
RIR1_YEAST	F1	60961	ade	PIM1_HUMAN	Fu1	33113	gar	1XR1	2EUD	1YI4	0.93	Sc=5.96168, min distance = 2.704168
RIR1_YEAST	F1	6804	guar	EF1A_YEAST	Fu1	8977	1dar	2B7B	2CVW	1G7C	0.99	Sc=5.85293, min distance = 2.247926
RIR1_YEAST	F1	6804	guar	GBP1_HUMAN	Fu1	8977	1dar	2B92	2CVW	2B8W	0.99	Sc=5.79988, min distance = 2.605605
RIR1_YEAST	F1	6804	guar	NDK_PYRHO	Fu1	6022	Aden	2DYA	2CVX	2DXF	0.8	Sc=6.34631, min distance = 2.239578
RIR3_SALTY	F1	33113	gar	PRIM_BPT7	Fu1	15993	dAT	1CR2	1PEU	1E0J	0.97	Sc=5.69968, min distance = 2.455760
RIR3_SALTY	F1	33113	gar	PRIM_BPT7	Fu1	64968	dTT	1CR1	1PEQ	1E0J		Sc=5.69273, min distance = 2.262620
RIR3_SALTY	F1	65103	dGT	RIR1_YEAST	Fu1	64968	dTT	2CVW	1PEQ	2CVX		Sc=5.91052, min distance = 2.587426
RIR3_SALTY	F1	656930	DI	DPO42_SULSO	Fu1	64968	dTT	1S00	1PEQ	1S9F		Sc=6.05101, min distance = 2.686432
RISA_ECOLI	F1	5326566	1	Q9WZW1_THEMA	1	444658	2a	1T6Z	1PKV	1S4M	0.85	Sc=6.22129, min distance = 2.465531
RISA_SCHPO	F1	444658	2a	RIB4_SCHPO	Fu1	185679	CA	1KYX	1KZL	1KYV		Sc=6.11097, min distance = 1.737310
RISA_SCHPO	F1	446835	1t	RIB4_SCHPO	Fu1	185679	CA	1KYX	1KZL	1KYY		Sc=5.84153, min distance = 1.583349
RISA_SCHPO	F1	6323394	C	RIB4_SCHPO	Fu1	185679	CA	1KYX	1KZL	2A59		Sc=5.82917, min distance = 1.747772
RISB1_BRUAB	1	185679	CA	RIB4_SCHPO	Fu1	446835	1t	1KYY	2F59	1KYX		Sc=6.12747, min distance = 0.833101
RISB1_BRUAB	1	444658	2a	RIB4_SCHPO	Fu1	446835	1t	1KYY	2F59	1KYV		Sc=6.10235, min distance = 2.263361
RISB1_BRUME	1	440869	Ph	RIB4_SCHPO	Fu1	446835	1t	1KYY	206H	2A57	0.77	Sc=6.41836, min distance = 2.395171
RISB1_RHILO	1	440869	Ph	RIB4_SCHPO	Fu1	446835	1t	1KYY	20BX	2A57	0.77	Sc=5.94372, min distance = 2.794198
RISB1_RHILO	1	444658	2a	RIB4_SCHPO	Fu1	446835	1t	1KYY	20BX	1KYV		Sc=6.19058, min distance = 2.484928
RISB2_BRUAB	1	185679	CA	RIB4_SCHPO	Fu1	446835	1t	1KYY	1T13	1KYX		Sc=6.09563, min distance = 2.315095
RISB2_BRUAB	1	440869	Ph	RIB4_SCHPO	Fu1	446835	1t	1KYY	1T13	2A57	0.77	Sc=5.97929, min distance = 2.549400
RISB_BACSU	F1	185679	CA	RIB4_SCHPO	Fu1	446835	1t	1KYY	1RVV	1KYX		Sc=5.74978, min distance = 2.483698

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RK_BOVIN	Ful: 11268094	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2VTQ		Sc=6.39445, min distance = 2.50485
RK_BOVIN	Ful: 11338033	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2VU3		Sc=6.39009, min distance = 2.55965
RK_BOVIN	Ful: 11608401	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	2UVY		Sc=6.0599, min distance = 2.301811
RK_BOVIN	Ful: 11696113	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	2VO3		Sc=6.29838, min distance = 2.47173
RK_BOVIN	Ful: 11957393	FAK1_HUMAN	Fu: 6022	Aden	1MP8	3C4Z	2ETM		Sc=6.24019, min distance = 2.04549
RK_BOVIN	Ful: 129236 2	CKI1_SCHPO	Fu: 5957	Aden	1CSN	3C4W	2CSN		Sc=5.80599, min distance = 2.81786
RK_BOVIN	Ful: 15942652	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2DUV		Sc=6.29343, min distance = 2.27293
RK_BOVIN	Ful: 16046126	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2DS1		Sc=6.32, min distance = 2.43858155
RK_BOVIN	Ful: 16122608	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	3C4W	2PE1		Sc=6.34478, min distance = 2.45178
RK_BOVIN	Ful: 16122635	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	2UW8		Sc=5.70246, min distance = 2.01411
RK_BOVIN	Ful: 16214823	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2UZB		Sc=6.09133, min distance = 1.93681
RK_BOVIN	Ful: 16214825	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2UZE		Sc=6.26455, min distance = 2.23482
RK_BOVIN	Ful: 16214826	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2UZL		Sc=6.14909, min distance = 1.97909
RK_BOVIN	Ful: 23653522	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2R3N		Sc=6.20788, min distance = 2.31238
RK_BOVIN	Ful: 23727981	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	3BHT		Sc=6.18981, min distance = 2.29552
RK_BOVIN	Ful: 23727982	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	3BHU		Sc=6.22525, min distance = 2.36588
RK_BOVIN	Ful: 24864078	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2VTO		Sc=6.36346, min distance = 2.38981
RK_BOVIN	Ful: 24864079	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2VTP		Sc=6.38357, min distance = 2.19233
RK_BOVIN	Ful: 24864081	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2VTS		Sc=6.251, min distance = 2.2934419
RK_BOVIN	Ful: 3540 1yds	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	1YDS		Sc=5.80992, min distance = 2.64260
RK_BOVIN	Ful: 3547 Fast	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	1Q8W		Sc=5.88353, min distance = 2.53108
RK_BOVIN	Ful: 4369136 C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1DM2		Sc=6.15412, min distance = 2.64732
RK_BOVIN	Ful: 444345 1c	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1AQ1		Sc=6.32523, min distance = 2.01795
RK_BOVIN	Ful: 444564 Al	MYS2_DICDI	Fu: 6022	Aden	1VOM	3C4Z	1W9I	0.91	Sc=5.88807, min distance = 2.11108
RK_BOVIN	Ful: 445966 06	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1H0V		Sc=6.1422, min distance = 2.276957
RK_BOVIN	Ful: 447766 1g	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1P2A		Sc=6.16697, min distance = 2.55382
RK_BOVIN	Ful: 447821 Cl	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1PF8		Sc=6.08463, min distance = 2.20217
RK_BOVIN	Ful: 447916 ac	RIO1_ARCFU	Fu: 5957	Aden	1ZP9	3C4W	1ZTF	0.94	Sc=6.1422, min distance = 2.389795
RK_BOVIN	Ful: 447916 ac	RIO1_ARCFU	Fu: 6022	Aden	1ZTH	3C4Z	1ZTF	0.95	Sc=6.11707, min distance = 3.02411
RK_BOVIN	Ful: 447967 Cl	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1PYE		Sc=6.3113, min distance = 2.553387
RK_BOVIN	Ful: 448005 Cl	GSK3B_HUMAN	Fu: 6022	Aden	1J1C	3C4Z	1Q3W		Sc=6.15362, min distance = 2.51507
RK_BOVIN	Ful: 448943 1u	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	3C4W	1UU7		Sc=6.42391, min distance = 2.20027
RK_BOVIN	Ful: 449240 1y	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	1YDR		Sc=5.90321, min distance = 2.47060
RK_BOVIN	Ful: 449241 1y	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	1YDT		Sc=6.11148, min distance = 2.08862
RK_BOVIN	Ful: 5287844 i	GSK3B_HUMAN	Fu: 6022	Aden	1J1C	3C4Z	1UV5		Sc=6.30758, min distance = 2.09788
RK_BOVIN	Ful: 5287969 E	CDK9_HUMAN	Fu: 5957	Aden	3BLQ	3C4W	3BLR		Sc=6.33576, min distance = 2.06840
RK_BOVIN	Ful: 5288641 i	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1E9H		Sc=6.23311, min distance = 2.05619

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RK_BOVIN	Ful: 5289411	1	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	1OGU			Sc=6.11421, min distance = 2.024950	
RK_BOVIN	Ful: 5326739	1	GSK3B_HUMAN	Fu: 6022	Aden	1J1C	3C4Z	1Q41			Sc=6.26152, min distance = 2.478635	
RK_BOVIN	Ful: 5326906	0	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	3C4W	1XHA			Sc=6.38371, min distance = 2.021880	
RK_BOVIN	Ful: 5327124	0	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2C4G			Sc=6.23346, min distance = 2.546927	
RK_BOVIN	Ful: 6083	ader	AAKG1_RAT	Fu: 5957	Aden	2V92	3C4W	2V8Q	0.98		Sc=5.81507, min distance = 2.615819	
RK_BOVIN	Ful: 6083	ader	PURP_PYRFU	Fu: 5957	Aden	2R86	3C4W	2R85	0.98		Sc=6.29221, min distance = 2.351890	
RK_BOVIN	Ful: 6083	ader	Y059_METJA	Fu: 5957	Aden	2J9C	3C4W	2J9D	0.98		Sc=5.78879, min distance = 2.980710	
RK_BOVIN	Ful: 60961	ade	IPKA_RABIT	Fu: 6022	Aden	1JBP	3C4Z	1FMO	0.95		Sc=6.11493, min distance = 2.818170	
RK_BOVIN	Ful: 6338565	1	MYS2_DICDI	Fu: 6022	Aden	1VOM	3C4Z	1D1B			Sc=5.84053, min distance = 2.043220	
RK_BOVIN	Ful: 6420138	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2UUE			Sc=6.35102, min distance = 1.468350	
RK_BOVIN	Ful: 6420139	0	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2C5V			Sc=6.11688, min distance = 1.982750	
RK_BOVIN	Ful: 657002	1s	IPKA_RABIT	Fu: 6022	Aden	1JBP	3C4Z	1SVG			Sc=6.5894, min distance = 2.1439148	
RK_BOVIN	Ful: 657072	RY	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	2BHH			Sc=6.41837, min distance = 2.625910	
RK_BOVIN	Ful: 6918710	5	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	3EJ1			Sc=6.1036, min distance = 2.9230287	
RK_BOVIN	Ful: 72194	2-0	ENPL_CANFA	Fu: 6022	Aden	1TC6	3C4Z	1QYE	0.89		Sc=6.04911, min distance = 2.207240	
RK_BOVIN	Ful: 91532	AME	MTNK_BACSU	Fu: 6022	Aden	2OLC	3C4Z	2PUL	0.99		Sc=5.64844, min distance = 2.541679	
RK_BOVIN	Ful: 9817550	V	CDK2_HUMAN	Fu: 6022	Aden	1GY3	3C4Z	3BHV			Sc=6.35934, min distance = 2.006139	
RL4_THEMA	Fu: 3713	Indo	TRPA_THET2	Fu: 311	citri	1UJP	1DMG	1WXJ			Sc=6.06586, min distance = 2.175712	
RLGM1_TRYBB	1	444564	AI	BIOD_ECOLI	Fu: 5957	Aden	1A82	1XDN	1BS1	0.91	Sc=5.96304, min distance = 2.017592	
RLGM1_TRYBB	1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1XDN	2BEJ	0.99	Sc=5.9734, min distance = 2.1126168
RLIG2_BPT4	Fu: 611002	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	1S68	1YXX			Sc=6.20534, min distance = 1.116352	
RLIG2_BPT4	Fu: 8582	Inos	PYGM_RABIT	Fu: 6083	aden	8GPB	1S68	2QN7	0.79		Sc=6.31484, min distance = 2.012062	
RLIG2_BPT4	Fu: 92199	AME	HINT1_HUMAN	Fu: 6083	aden	1KPF	1S68	1AV5	0.97		Sc=5.98399, min distance = 2.462120	
RMLA1_ECOLI	1	124823	6c	PYGM_RABIT	Fu: 65533	cor	3GPB	1H5R	6GPB	0.91	Sc=5.9995, min distance = 2.2018458	
RMLA1_ECOLI	1	13711	dec	DNK_DROME	Fu: 5789	thyr	1OT3	1H5R	2VP5		Sc=6.06612, min distance = 2.028412	
RMLA1_ECOLI	1	1865	6-hy	KITH_HHV11	Fu: 9700	thyr	1VTK	1H5S	1E2M		Sc=5.96507, min distance = 2.038274	
RMLA1_ECOLI	1	311	citri	Q9HU22_PSEAE	1	9700	thyr	1FXO	1H5S	1G1L	77.11	Sc=6.17393, min distance = 0.651479
RMLA1_ECOLI	1	439284	Ro	PYGM_RABIT	Fu: 65533	cor	3GPB	1H5R	1GPY	1	Sc=5.9428, min distance = 2.0429759	
RMLA1_ECOLI	1	444320	2	TYSY_ECOLI	Fu: 9700	thyr	1TYS	1H5S	1AOB	0.81	Sc=6.01712, min distance = 1.868740	
RMLA1_ECOLI	1	445210	9-	KITH_HHV11	Fu: 5789	thyr	1P7C	1H5R	1E2I		Sc=5.96678, min distance = 0	
RMLA1_ECOLI	1	445211	9-	KITH_HHV11	Fu: 5789	thyr	1P7C	1H5R	1E2I		Sc=5.97025, min distance = 0	
RMLA1_ECOLI	1	445213	HY	KITH_HHV11	Fu: 5789	thyr	1P7C	1H5R	1E2N		Sc=6.39376, min distance = 1.649557	
RMLA1_ECOLI	1	445825	CI	PYGM_RABIT	Fu: 65533	cor	3GPB	1H5R	1GG8		Sc=5.87428, min distance = 2.418009	
RMLA1_ECOLI	1	446725	BV	KITH_HHV11	Fu: 5789	thyr	1P7C	1H5R	1KI4		Sc=6.31787, min distance = 0.769470	
RMLA1_ECOLI	1	446726	AI	KITH_HHV11	Fu: 5789	thyr	1P7C	1H5R	1KI6	0.77	Sc=6.17344, min distance = 2.229638	
RMLA1_ECOLI	1	447628	[	KITH_HHV11	Fu: 5789	thyr	1P7C	1H5R	1OF1		Sc=6.22214, min distance = 2.299549
RMLA1_ECOLI	1	447628	[KITH_HHV11	Fu: 9700	thyr	1VTK	1H5S	1OF1		Sc=6.20978, min distance = 2.082040	

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RMLA1_ECOLI	1	448782	CI	TYSY_ECOLI	Fu	9700	thyr	1TYS	1H5S	1TSN	0.79	Sc=5.8031, min distance = 2.036775
RMLA1_ECOLI	1	449489	Id	KITH_HHV11	Fu	5789	thyr	1P7C	1H5R	3VTK	0.84	Sc=6.21692, min distance = 2.684486
RMLA1_ECOLI	1	449554	CI	PYGM_RABIT	Fu	65533	cor	3GPB	1H5R	5GPB	0.82	Sc=5.99244, min distance = 1.944829
RMLA1_ECOLI	1	4725	pend	KITH_HHV11	Fu	5789	thyr	1P7C	1H5R	1KI3		Sc=6.2993, min distance = 1.161193
RMLA1_ECOLI	1	64968	dTT	KITH_UREPA	Fu	5789	thyr	2B8T	1H5R	2UZ3	0.9	Sc=6.43242, min distance = 1.985189
RMLA2_ECOLI	1	65051	ddT	DPOLL_HUMAN	Fu	64968	dTT	2BCV	1MC3	1XSN	0.94	Sc=5.9677, min distance = 2.129091
RMLA2_ECOLI	1	65091	dCT	DPO42_SULSO	Fu	64968	dTT	1S00	1MC3	2ASD	0.75	Sc=5.92509, min distance = 1.840578
RMLA2_ECOLI	1	65091	dCT	DPOLL_HUMAN	Fu	64968	dTT	2BCV	1MC3	2PFP	0.75	Sc=6.36989, min distance = 1.888514
RMLA2_ECOLI	1	656930	DI	DPO42_SULSO	Fu	64968	dTT	1S00	1MC3	1S9F		Sc=6.29152, min distance = 1.266334
RMLA_SALTY	Fu	33113	gar	PRIM_BPT7	Fu	64968	dTT	1CR1	1IIM	1E0J		Sc=6.50579, min distance = 1.020359
RMLA_SALTY	Fu	6031	Uric	GSTA_BPT4	Fu	8629	UDP-	1Y6F	1IIN	1XV5	0.89	Sc=5.81379, min distance = 1.633294
RMLA_SALTY	Fu	6031	Uric	Q89399_PBCV1	1	8629	UDP-	2P72	1IIN	2P73	0.89	Sc=6.25735, min distance = 2.510009
RMLA_SALTY	Fu	65051	ddT	DPOLL_HUMAN	Fu	64968	dTT	2BCV	1IIM	1XSN	0.94	Sc=5.97232, min distance = 1.612840
RMLA_SALTY	Fu	65091	dCT	DPO42_SULSO	Fu	64968	dTT	1S00	1IIM	2ASD	0.75	Sc=5.92278, min distance = 2.199660
RMLA_SALTY	Fu	65091	dCT	DPOLL_HUMAN	Fu	64968	dTT	2BCV	1IIM	2PFP	0.75	Sc=5.92126, min distance = 2.269528
RMLA_SALTY	Fu	65091	dCT	DPOL_BPR69	Fu	64968	dTT	3CQ8	1IIM	1Q9Y	0.75	Sc=5.90329, min distance = 2.397756
RMLA_SALTY	Fu	656930	DI	DPO42_SULSO	Fu	64968	dTT	1S00	1IIM	1S9F		Sc=6.27478, min distance = 1.454024
RMLB_STRMU	Fu	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	1KEP	1I3K	0.79	Sc=6.77549, min distance = 2.527792
RMLB_STRMU	Fu	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1KEP	1V35	0.79	Sc=6.76107, min distance = 2.292644
RMLB_STRMU	Fu	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1KEP	1B15	0.76	Sc=6.81516, min distance = 2.078158
RMLB_STRMU	Fu	445269	CI	KTHY_MYCTU	Fu	164628	de	1GTV	1KET	1W2H	0.83	Sc=6.41018, min distance = 1.385809
RMLB_STRMU	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1KEP	2FZE		Sc=6.639, min distance = 2.32676642
RMLB_STRMU	Fu	448505	AD	NDKC_DICDI	Fu	164628	de	1NDC	1KET	1S5Z		Sc=6.05637, min distance = 2.088570
RMLB_STRMU	Fu	5789	thyr	RMLA1_ECOLI	Fu	164628	de	1H5T	1KET	1H5R	0.9	Sc=6.22929, min distance = 1.441777
RNAS1_BOVIN	1	24832037		PGK1_HUMAN	Fu	6022	Aden	2ZGV	100H	3C3C		Sc=5.78767, min distance = 2.547748
RNAS1_BOVIN	1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	100H	1JSV		Sc=5.88645, min distance = 2.054836
RNAS1_BOVIN	1	444320	2	TYSY_ECOLI	Fu	65059	Dec	1TLC	2QCA	1AOB		Sc=5.87273, min distance = 2.521300
RNAS1_BOVIN	1	444920	TH	NT5M_HUMAN	Fu	101609	Ur	1Z4J	100M	1Z4K	0.88	Sc=6.2262, min distance = 1.2073549
RNAS1_BOVIN	1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	100H	1GZ8		Sc=6.07899, min distance = 2.028928
RNAS1_BOVIN	1	447268	DA	PNPH_HUMAN	Fu	6802	guan	1RFG	1EOW	1RSZ		Sc=6.15251, min distance = 2.080748
RNAS1_BOVIN	1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	100H	1OIT		Sc=6.12645, min distance = 2.190360
RNAS1_BOVIN	1	447714	CI	NT5M_HUMAN	Fu	101609	Ur	1Z4J	100M	2JAW	0.81	Sc=5.9194, min distance = 2.2971760
RNAS1_BOVIN	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	100H	1PXI		Sc=5.63678, min distance = 2.626970
RNAS1_BOVIN	1	448782	CI	TYSY_ECOLI	Fu	65059	Dec	1TLC	2QCA	1TSN		Sc=6.1656, min distance = 2.2802532
RNAS1_BOVIN	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	100H	1H1R		Sc=6.32006, min distance = 1.774240
RNAS1_BOVIN	1	6031	Uric	RIR1_YEAST	Fu	6022	Aden	2CVX	100H	2CVV		Sc=5.88639, min distance = 2.457788
RNAS1_BOVIN	1	6082103	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	100H	2BT0		Sc=6.14271, min distance = 2.189119

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RNAS1_BOVIN	1	60961	ade	TMPC_TREPA	Fu:	6802	guan	2FQX	1EOW	2FQY	0.79	Sc=6.19977, min distance = 2.159906
RNAS1_BOVIN	1	65063	dUM	TYSY_ECOLI	Fu:	65059	Dec	1TLC	2QCA	1AXW		Sc=6.09552, min distance = 2.725102
RNAS1_BOVIN	1	9700	thyn	TYSY_ECOLI	Fu:	65059	Dec	1TLC	2QCA	1TYS		Sc=6.20903, min distance = 2.273146
RNAS1_BOVIN	1	9994066	4	CDK2_HUMAN	Fu:	6022	Aden	1GY3	100H	2VTJ		Sc=5.77204, min distance = 2.162186
RNAS1_HUMAN	1	439459	Hc	NIFK_KLEPN	Fu:	311	citri	1H1L	1Z7X	1QGU	0.92	Sc=6.05414, min distance = 2.189103
RNAS1_HUMAN	1	4797	1tpw	TPIS_TRYBB	Fu:	311	citri	2VEK	1Z7X	1TTJ		Sc=5.61518, min distance = 2.355525
RNAS1_HUMAN	1	51	2-Oxop	SERA_ECOLI	Fu:	311	citri	2P9E	1Z7X	1YBA	0.76	Sc=5.75384, min distance = 2.300793
RNAS2_HUMAN	1	15942652		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	2DUV		Sc=6.30329, min distance = 1.645115
RNAS2_HUMAN	1	16214827		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	2UZN		Sc=6.0521, min distance = 1.907929
RNAS2_HUMAN	1	1707	1fvt	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1FVT		Sc=6.15172, min distance = 1.608609
RNAS2_HUMAN	1	23727982		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	3BHU		Sc=6.23086, min distance = 2.010918
RNAS2_HUMAN	1	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1JSV		Sc=5.90363, min distance = 2.027963
RNAS2_HUMAN	1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1DM2		Sc=6.24164, min distance = 1.850406
RNAS2_HUMAN	1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1GII		Sc=6.29126, min distance = 1.679716
RNAS2_HUMAN	1	446090	1H	NDKC_DICDI	Fu:	6022	Aden	1KDN	1HI5	1HIY	0.97	Sc=5.95715, min distance = 1.844226
RNAS2_HUMAN	1	447017	CI	NDKC_DICDI	Fu:	6022	Aden	1KDN	1HI5	1LWX		Sc=6.3142, min distance = 2.316078
RNAS2_HUMAN	1	447652	In	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1OIQ		Sc=6.15182, min distance = 2.419929
RNAS2_HUMAN	1	448005	CI	GSK3B_HUMAN	Fu:	6022	Aden	1J1C	1HI5	1Q3W		Sc=6.19539, min distance = 2.030506
RNAS2_HUMAN	1	5288641	i	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1E9H		Sc=6.19822, min distance = 1.609153
RNAS2_HUMAN	1	5288708	1	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1KE5		Sc=6.03438, min distance = 2.125412
RNAS2_HUMAN	1	5687	1di8	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1DI8		Sc=6.17988, min distance = 1.985797
RNAS2_HUMAN	1	656946	CI	RNAS1_BOVIN	Fu:	159296	1v	1O0F	1HI4	1W4Q	37.3	Sc=6.13604, min distance = 2.472204
RNAS2_HUMAN	1	656971	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	1Y8Y		Sc=5.89645, min distance = 2.397204
RNAS2_HUMAN	1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1HI5	3EJ1		Sc=6.17335, min distance = 1.882065
RNAS2_HUMAN	1	8582	Inos	RNAS1_BOVIN	Fu:	159296	1v	1O0F	1HI4	1Z6D	37.3	0.79 Sc=5.86886, min distance = 1.770366
RNAS4_HUMAN	1	101544	2	RNAS1_BOVIN	Fu:	449392	1w	1W4P	2RNF	1ROB	0.8	Sc=5.89056, min distance = 2.423778
RNAS4_HUMAN	1	656946	CI	RNAS1_BOVIN	Fu:	449392	1w	1W4P	2RNF	1W4Q	0.76	Sc=6.22953, min distance = 2.036617
RNAS4_HUMAN	1	6802	guar	RNAS1_BOVIN	Fu:	449392	1w	1W4P	2RNF	1EOW		Sc=6.26663, min distance = 2.073688
RNAS4_HUMAN	1	6804	guar	RNAS1_BOVIN	Fu:	449392	1w	1W4P	2RNF	1RNC		Sc=5.83974, min distance = 2.109556
RND1_HUMAN	Fu:	24779678		CSK2A_MAIZE	Fu:	36735	Gpp	1DAY	2REX	2PVM		Sc=6.5067, min distance = 2.067093
RND1_HUMAN	Fu:	445871	CI	RASH_HUMAN	Fu:	6830	guan	2CL7	2CLS	1GNP		Sc=6.73586, min distance = 2.138802
RND1_HUMAN	Fu:	446248	CI	RASH_HUMAN	Fu:	6830	guan	2CL7	2CLS	1IAQ		Sc=6.54623, min distance = 2.040443
RND1_HUMAN	Fu:	60961	ade	NUD16_XENLA	Fu:	6830	guan	2A8S	2CLS	2A8T		Sc=6.29223, min distance = 2.375655
RND1_HUMAN	Fu:	8582	Inos	PURA1_MOUSE	Fu:	6830	guan	1LOO	2CLS	1IWE	0.98	Sc=6.39465, min distance = 2.323136
RND1_HUMAN	Fu:	93082	Gak	CDC42_HUMAN	Fu:	36735	Gpp	1NF3	2REX	2ODB	0.99	Sc=6.56976, min distance = 2.457286
RND1_HUMAN	Fu:	93082	Gak	FTSY_THEAQ	Fu:	36735	Gpp	2J7P	2REX	1RJ9	0.99	Sc=6.56686, min distance = 2.303495
RND1_HUMAN	Fu:	93082	Gak	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	2REX	121P	0.99	Sc=6.56774, min distance = 2.321447

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RND1_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	2CLS	121P	0.99	Sc=6.57312, min distance = 2.20540
RND3_HUMAN	F1	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1M7B	1GNP		Sc=6.1286, min distance = 2.370317
RND3_HUMAN	F1	60961	ade	NUD16_XENLA	F1	6830	guan	2A8S	1M7B	2A8T		Sc=6.16608, min distance = 2.56962
RND3_HUMAN	F1	8582	Inos	PURA1_MOUSE	F1	6830	guan	1LOO	1M7B	1IWE	0.98	Sc=6.35386, min distance = 2.21785
RND3_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1M7B	121P	0.99	Sc=6.08532, min distance = 2.47002
RND3_MOUSE	F1	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1GWN	1GNP		Sc=6.21213, min distance = 2.26963
RND3_MOUSE	F1	446248	CI	RASH_HUMAN	Fu	6830	guan	2CL7	1GWN	1IAQ		Sc=6.06758, min distance = 2.06964
RND3_MOUSE	F1	93082	Gak	RASH_HUMAN	Fu	6830	guan	2CL7	1GWN	121P	0.99	Sc=6.10391, min distance = 2.38315
RNH1_HUMAN	F1	152217	2,	DYR_CANAL	Fu	78165	MES	1M79	2QKK	1M78		Sc=5.63943, min distance = 1.75815
RNH1_HUMAN	F1	446245	Ma	DYR_CANAL	Fu	78165	MES	1M79	2QKK	1IA2		Sc=5.90741, min distance = 1.89466
RNH1_HUMAN	F1	446944	CI	MIF_HUMAN	Fu	311	citri	1GD0	2QK9	1LJT		Sc=5.86816, min distance = 1.36552
RNH1_HUMAN	F1	5354052	p	MIF_HUMAN	Fu	311	citri	1GD0	2QK9	20OZ		Sc=5.86069, min distance = 1.21937
RNH2_METJA	F1	17472	Hex	NPD2_ARCFU	Fu	78165	MES	1MA3	1EKE	1S7G		Sc=5.82133, min distance = 2.10610
RNH2_METJA	F1	656947	is	CCPR_YEAST	Fu	78165	MES	1BES	1EKE	2V2E		Sc=5.79472, min distance = 0.67333
RNS11_NICAL	I	444205	CI	PGH1_SHEEP	Fu	439680	be	1Q4G	1IOO	1EQG		Sc=6.11127, min distance = 0.88474
ROCK1_HUMAN	I	10172943		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2JDS	37.61	Sc=6.46723, min distance = 2.14833
ROCK1_HUMAN	I	11175137		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UW7	37.61	Sc=6.16464, min distance = 2.31830
ROCK1_HUMAN	I	11175137		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UW7	37.61	Sc=6.13034, min distance = 2.32535
ROCK1_HUMAN	I	11314340		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UZT	37.61	Sc=6.33795, min distance = 2.42070
ROCK1_HUMAN	I	11608401		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UVY	37.61	Sc=6.00741, min distance = 2.51420
ROCK1_HUMAN	I	11608401		KAPCA_BOVIN	F1	448042	2e	1Q8T	2ETR	2UVY	37.61	Sc=6.07213, min distance = 2.80076
ROCK1_HUMAN	I	11608401		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UVY	37.61	Sc=5.99811, min distance = 2.71965
ROCK1_HUMAN	I	11708454		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2VNW	37.61	Sc=6.06586, min distance = 2.33841
ROCK1_HUMAN	I	11708454		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2VNW	37.61	Sc=5.90568, min distance = 2.62661
ROCK1_HUMAN	I	139601	3-	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UW3	37.61	Sc=5.716, min distance = 2.5930929
ROCK1_HUMAN	I	139601	3-	KAPCA_BOVIN	F1	448042	2e	1Q8T	2ETR	2UW3	37.61	Sc=5.6642, min distance = 2.801050
ROCK1_HUMAN	I	139601	3-	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UW3	37.61	Sc=5.61779, min distance = 2.74040
ROCK1_HUMAN	I	15602982		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UW6	37.61	Sc=6.0985, min distance = 2.131770
ROCK1_HUMAN	I	15602983		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UW5	37.61	Sc=6.07543, min distance = 2.59057
ROCK1_HUMAN	I	15602983		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UW5	37.61	Sc=6.06449, min distance = 1.92572
ROCK1_HUMAN	I	15993	dAT	PRIM_BPT7	Fu	33113	gar	1E0J	2V55	1CR2	0.97	Sc=5.93875, min distance = 2.19038
ROCK1_HUMAN	I	16122632		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UVZ	37.61	Sc=6.24245, min distance = 2.11089
ROCK1_HUMAN	I	16122632		KAPCA_BOVIN	F1	448042	2e	1Q8T	2ETR	2UVZ	37.61	Sc=6.22757, min distance = 2.01100
ROCK1_HUMAN	I	16122633		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UW0	37.61	Sc=6.21672, min distance = 2.26022
ROCK1_HUMAN	I	16122634		KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2UW4	37.61	Sc=5.92198, min distance = 2.53672
ROCK1_HUMAN	I	16122634		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UW4	37.61	Sc=5.87235, min distance = 2.50382
ROCK1_HUMAN	I	16122642		KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2UZW	37.61	Sc=6.37326, min distance = 1.94550

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ROCK1_HUMAN	1	17751819	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2VO6	37.61		Sc=6.14203, min distance = 2.451772	
ROCK1_HUMAN	1	24701731	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2VNY	37.61		Sc=5.93333, min distance = 2.351266	
ROCK1_HUMAN	1	24762195	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2VO0	37.61		Sc=6.14319, min distance = 2.357757	
ROCK1_HUMAN	1	24963048	AKT2_HUMAN	Fu	33113	gar	1O6L	2V55	###	38.11		Sc=6.36805, min distance = 1.619320	
ROCK1_HUMAN	1	3540	1yds	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	1YDS	37.61	0.96	Sc=5.88926, min distance = 2.286877
ROCK1_HUMAN	1	3540	1yds	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	1YDS	37.61	0.92	Sc=5.78759, min distance = 3.000112
ROCK1_HUMAN	1	449240	1y	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	1YDR	37.61	0.94	Sc=5.95476, min distance = 2.361639
ROCK1_HUMAN	1	449240	1y	KAPCA_BOVIN	F1	448042	2e	1Q8T	2ETR	1YDR	37.61		Sc=5.89062, min distance = 2.152129
ROCK1_HUMAN	1	449240	1y	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	1YDR	37.61	0.93	Sc=5.85688, min distance = 2.797840
ROCK1_HUMAN	1	449241	1y	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	1YDT	37.61	0.89	Sc=6.10993, min distance = 2.015440
ROCK1_HUMAN	1	449241	1y	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	1YDT	37.61	0.85	Sc=6.08163, min distance = 2.057059
ROCK1_HUMAN	1	5327109	2	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2C1A	37.61	0.78	Sc=6.12517, min distance = 1.857929
ROCK1_HUMAN	1	5327110	1	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2C1B	37.61		Sc=6.1262, min distance = 2.3046589
ROCK1_HUMAN	1	5327148	0	IPKA_RABIT	Fu	33113	gar	1CDK	2V55	2ERZ			Sc=6.0723, min distance = 2.4490769
ROCK1_HUMAN	1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	2V55	3CJ7		0.97	Sc=5.73809, min distance = 2.103658
ROCK1_HUMAN	1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2V55	1YI4	32.89	0.93	Sc=6.15835, min distance = 2.201872
ROCK1_HUMAN	1	60961	ade	STK6_HUMAN	Fu	33113	gar	2DWB	2V55	1MUO	37.04	0.93	Sc=6.18695, min distance = 2.011539
ROCK1_HUMAN	1	6540279	0	ROCK2_BOVIN	F1	448042	2e	2H9V	2ETR	2F2U			Sc=5.86238, min distance = 2.567568
ROCK1_HUMAN	1	6852207	M	KAPCA_BOVIN	F1	3547	Fasu	1Q8W	2ESM	2GNI	37.61	0.94	Sc=5.96492, min distance = 2.213710
ROCK1_HUMAN	1	6852207	M	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2GNI	37.61	0.89	Sc=5.87641, min distance = 2.854610
ROCK1_HUMAN	1	6914611	g	KAPCA_BOVIN	F1	448043	2g	1Q8U	3D9V	2F7E	37.61		Sc=6.40332, min distance = 1.854760
ROCK1_HUMAN	1	83862	ade	CSK2A_MAIZE	F1	33113	gar	1LP4	2V55	1DS5	30.09	0.97	Sc=5.84434, min distance = 2.874869
ROCK2_BOVIN	1	11175137		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UW7			Sc=6.18306, min distance = 2.071980
ROCK2_BOVIN	1	11314340		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UZT			Sc=6.3679, min distance = 2.1987307
ROCK2_BOVIN	1	11608401		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UVY			Sc=6.14104, min distance = 2.909358
ROCK2_BOVIN	1	11696113		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2VO3			Sc=6.20403, min distance = 2.098984
ROCK2_BOVIN	1	11708454		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2VNW			Sc=6.03038, min distance = 2.322070
ROCK2_BOVIN	1	139601	3-	KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UW3			Sc=5.66912, min distance = 2.929850
ROCK2_BOVIN	1	15602983		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UW5			Sc=6.11814, min distance = 2.180637
ROCK2_BOVIN	1	16122633		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UW0			Sc=6.36375, min distance = 2.174718
ROCK2_BOVIN	1	16122634		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UW4			Sc=5.89747, min distance = 2.705209
ROCK2_BOVIN	1	16122635		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2UW8			Sc=5.66414, min distance = 2.247990
ROCK2_BOVIN	1	17751819		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2VO6			Sc=6.17197, min distance = 2.101288
ROCK2_BOVIN	1	24701731		KAPCA_BOVIN	F1	448042	2e	1Q8T	2H9V	2VNY			Sc=5.96092, min distance = 2.339704
ROCK2_BOVIN	1	3064778	H	ROCK1_HUMAN	F1	448042	2e	2ETR	2H9V	2ETK			Sc=6.03497, min distance = 2.851117
ROCK2_BOVIN	1	3547	Fasu	ROCK1_HUMAN	F1	448042	2e	2ETR	2H9V	2ESM			Sc=5.91553, min distance = 2.622029
ROCK2_BOVIN	1	448043	2g	ROCK1_HUMAN	F1	448042	2e	2ETR	2H9V	3D9V			Sc=5.97066, min distance = 2.599806

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ROCK2_BOVIN	1	449241	1y	KAPCA_BOVIN	Fu	448042	2e	1Q8T	2H9V	1YDT		Sc=6.11644, min distance = 2.226214
ROCK2_BOVIN	1	5327110	1	KAPCA_BOVIN	Fu	448042	2e	1Q8T	2H9V	2C1B		Sc=6.12462, min distance = 2.279375
ROCK2_BOVIN	1	6852207	M	KAPCA_BOVIN	Fu	448042	2e	1Q8T	2H9V	2GNI		Sc=5.89862, min distance = 2.239687
ROCK2_BOVIN	1	6914611	p	KAPCA_BOVIN	Fu	448042	2e	1Q8T	2H9V	2F7E		Sc=6.44012, min distance = 2.030534
ROO_DESGI	Fu	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	1E5D	1LTD	0.77	Sc=6.21926, min distance = 2.079555
RORA_HUMAN	Fu	444679	EF	ELIB_PHYCR	Fu	5997	chol	1LRI	1N83	1BXM	0.96	Sc=5.99598, min distance = 2.891248
RORA_HUMAN	Fu	5326970	F	KES1_YEAST	Fu	5997	chol	1ZHY	1N83	1ZHZ	0.97	Sc=5.97698, min distance = 2.464434
RORB_RAT	Fu	5280934	1	NLTP_MAIZE	Fu	5281	stea	1FK4	1K4W	1FK6	0.75	Sc=5.97432, min distance = 2.473340
RPGF4_MOUSE	1	24316	cyc	KAP0_BOVIN	Fu	6858240	C	1NE6	3CF6	1RL3	0.79	Sc=6.2974, min distance = 1.6001590
RPIA_HAEIN	Fu	1005	phos	F16PA_ECOLI	Fu	311	citri	2OWZ	1M0S	2OX3		Sc=5.60752, min distance = 2.475186
RPIA_HAEIN	Fu	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	1M0S	2H3E		Sc=6.03914, min distance = 0.897810
RPIA_HAEIN	Fu	16750041		PYRB_ECOLI	Fu	311	citri	1R0B	1M0S	2IPO		Sc=6.09538, min distance = 0.792718
RPIA_HAEIN	Fu	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	1M0S	1IIH		Sc=5.74258, min distance = 2.115027
RPIA_HAEIN	Fu	439276	3-	TPIS_TRYBB	Fu	311	citri	2VEK	1M0S	6TIM		Sc=5.66427, min distance = 2.097002
RPIA_HAEIN	Fu	445607	AT	ACON_BOVIN	Fu	311	citri	1C96	1M0S	1FGH		Sc=5.95873, min distance = 1.661274
RPIA_HAEIN	Fu	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	1M0S	4TIM		Sc=5.74381, min distance = 2.281185
RPIA_HAEIN	Fu	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1M0S	1YBA	0.76	Sc=5.86141, min distance = 1.139297
RRAA_MYCTU	Fu	439710	rh	PGRP_CAMDR	Fu	444305	L-	3C2X	1NXJ	3CG9		Sc=5.79273, min distance = 2.017597
RRAGD_HUMAN	1	445871	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2Q3F	1GNP		Sc=6.07449, min distance = 2.384745
RRAGD_HUMAN	1	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	2Q3F	1IBR		Sc=6.54904, min distance = 2.494410
RRAGD_HUMAN	1	5496555	G	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2Q3F	2EVW		Sc=6.29321, min distance = 2.227425
RRAGD_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	2Q3F	121P	0.99	Sc=6.56029, min distance = 2.220715
RRAGD_HUMAN	1	93082	Gak	SRP54_THEAQ	Fu	36735	Gpp	1JPN	2Q3F	1RJ9	0.99	Sc=6.58182, min distance = 1.896386
RRAS2_HUMAN	1	37792	gan	GNA13_MOUSE	Fu	8977	1dar	1ZCB	2ERY	3CX8	0.99	Sc=6.51462, min distance = 2.050596
RRAS2_HUMAN	1	37792	gan	GNAI1_RAT	Fu	8977	1dar	1SVK	2ERY	1AS0	0.99	Sc=6.49747, min distance = 2.366024
RRAS2_HUMAN	1	37792	gan	GNAT1_BOVIN	Fu	8977	1dar	1TAD	2ERY	1TND	0.99	Sc=6.51984, min distance = 2.028440
RRAS2_HUMAN	1	37792	gan	RAB6B_HUMAN	Fu	8977	1dar	2E9S	2ERY	2FFQ	0.99	Sc=6.51265, min distance = 2.058527
RRAS2_HUMAN	1	37792	gan	RB11A_HUMAN	Fu	8977	1dar	1OIX	2ERY	1OIW	0.99	Sc=6.50401, min distance = 2.278450
RRAS2_HUMAN	1	37792	gan	RHOA_HUMAN	Fu	8977	1dar	1TX4	2ERY	1CXZ	0.99	Sc=6.52024, min distance = 2.329966
RRAS2_HUMAN	1	444148	1a	RHA1_ARATH	Fu	8977	1dar	2EFC	2ERY	2EFE	0.99	Sc=6.46408, min distance = 2.323510
RRAS2_HUMAN	1	445463	B-	TGM3_HUMAN	Fu	8977	1dar	1VJJ	2ERY	1L9N		Sc=6.18109, min distance = 2.184040
RRAS2_HUMAN	1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	2ERY	1IAQ		Sc=6.50961, min distance = 1.571505
RRAS2_HUMAN	1	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	2ERY	1RRF		Sc=6.44913, min distance = 2.292897
RRAS2_HUMAN	1	8582	Inos	PUR1_MOUSE	Fu	8977	1dar	1LON	2ERY	1IWE	0.99	Sc=6.38427, min distance = 2.112546
RRAS2_HUMAN	1	93082	Gak	CDC42_HUMAN	Fu	8977	1dar	2NGR	2ERY	2ODB	0.99	Sc=6.55199, min distance = 2.464590
RRAS2_HUMAN	1	93082	Gak	EFG_THETH	Fu	8977	1dar	2BM0	2ERY	2J7K	0.99	Sc=6.53585, min distance = 2.208590
RRAS2_HUMAN	1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	2ERY	121P	0.99	Sc=6.5462, min distance = 2.2221512

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RRAS_HUMAN	F1	188347	pr	ARL5A_HUMAN	F1	8977	ldar	2H17	2FN4	1ZJ6	0.99	Sc=5.87928, min distance = 2.18634
RRAS_HUMAN	F1	37792	gar	GNAI1_RAT	Ful	8977	ldar	1SVK	2FN4	1AS0	0.99	Sc=6.48439, min distance = 2.29755
RRAS_HUMAN	F1	37792	gar	RAB6B_HUMAN	F1	8977	ldar	2E9S	2FN4	2FFQ	0.99	Sc=6.49477, min distance = 2.15500
RRAS_HUMAN	F1	37792	gar	RB11A_HUMAN	F1	8977	ldar	1OIX	2FN4	1OIW	0.99	Sc=6.48569, min distance = 2.30085
RRAS_HUMAN	F1	446248	CI	RAN_HUMAN	Ful	8977	ldar	3CH5	2FN4	1IBR		Sc=6.53121, min distance = 2.09525
RRAS_HUMAN	F1	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	2FN4	1IAQ		Sc=6.13239, min distance = 2.27840
RRAS_HUMAN	F1	5496554	C	RASH_HUMAN	Fu	8977	ldar	2CE2	2FN4	1GNQ		Sc=6.25827, min distance = 2.27578
RRAS_HUMAN	F1	5496555	C	RASH_HUMAN	Fu	8977	ldar	2CE2	2FN4	2EVW		Sc=5.97747, min distance = 2.32488
RRAS_HUMAN	F1	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	2FN4	1G7C	0.99	Sc=6.38594, min distance = 2.47395
RRAS_HUMAN	F1	93082	Gak	CDC42_HUMAN	F1	8977	ldar	2NGR	2FN4	2ODB	0.99	Sc=6.53822, min distance = 2.33231
RRAS_HUMAN	F1	93082	Gak	RAC3_HUMAN	Fu	8977	ldar	2C2H	2FN4	2QME	0.99	Sc=6.53585, min distance = 2.35226
RRAS_HUMAN	F1	93082	Gak	RASH_HUMAN	Fu	8977	ldar	2CE2	2FN4	121P	0.99	Sc=6.53001, min distance = 2.51523
RRMA_ECOLI	F1	21945395		SETD7_HUMAN	F1	34756	Acy	1N6A	1P91	1XQH	0.88	Sc=6.01764, min distance = 2.26505
RRMA_ECOLI	F1	439182	5	Q70GK9_STRCT	I	34756	Acy	1RQP	1P91	2CC2	0.86	Sc=6.21918, min distance = 1.44576
RRMA_ECOLI	F1	6852187	2	Q70GK9_STRCT	I	34756	Acy	1RQP	1P91	2CBX	0.84	Sc=6.13456, min distance = 1.26654
RRMJ2_HUMAN	I	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2NYU	1EG2	0.91	Sc=6.31549, min distance = 2.23244
RRMJ2_HUMAN	I	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2NYU	1H1D	0.92	Sc=6.58631, min distance = 2.37843
RRMJ_ECOLI	F1	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	1EJ0	1EG2	0.91	Sc=6.28579, min distance = 2.49360
RRMJ_ECOLI	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1EJ0	1H1D	0.92	Sc=6.55591, min distance = 2.60102
RRMJ_ECOLI	F1	5327118	5	Q70GK9_STRCT	I	34756	Acy	1RQP	1EJ0	2C2W	0.81	Sc=5.71244, min distance = 1.86283
RRMJ_THEVO	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	3DOU	1H1D	0.92	Sc=6.54452, min distance = 2.65828
RRP44_YEAST	I	23624247		WRBA_ECOLI	Fu	62551	Pen	3B6K	2VNU	3B6I		Sc=5.69787, min distance = 1.79122
RRP6_YEAST	F1	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	2HBL	3CY3		Sc=6.10271, min distance = 2.01983
RRP6_YEAST	F1	1400	nche	RET_HUMAN	Ful	6083	aden	2IVT	2HBL	2IVV		Sc=5.70992, min distance = 2.61197
RRP6_YEAST	F1	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	2HBL	3C4E		Sc=5.9207, min distance = 1.91157
RRP6_YEAST	F1	24905152		SRC_CHICK	Ful	6083	aden	3DQX	2HBL	3EN6		Sc=5.80397, min distance = 2.35044
RRP6_YEAST	F1	448055	To	PDE4D_HUMAN	F1	6083	aden	1TB7	2HBL	1Q9M		Sc=5.77832, min distance = 1.93898
RRP6_YEAST	F1	656964	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2HBL	1Y2C		Sc=5.70567, min distance = 2.75273
RRP6_YEAST	F1	656966	1y	PDE4D_HUMAN	F1	6083	aden	1TB7	2HBL	1Y2E		Sc=5.84235, min distance = 2.77193
RRP6_YEAST	F1	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	2HBL	1YXV		Sc=5.68926, min distance = 2.76644
RRP6_YEAST	F1	97297	5-1	HASP_HUMAN	Fu	6083	aden	3DLZ	2HBL	2VUW	0.75	Sc=6.04565, min distance = 2.45453
RSMB_ECOLI	F1	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	1SQF	2JG3		Sc=6.32757, min distance = 2.42612
RSMB_ECOLI	F1	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1SQF	2IH2	0.93	Sc=6.32637, min distance = 2.45651
RSMB_ECOLI	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	1SQF	1H1D	0.92	Sc=6.53238, min distance = 2.00351
RSMB_ECOLI	F1	5327118	5	Q70GK9_STRCT	I	34756	Acy	1RQP	1SQF	2C2W	0.81	Sc=5.6915, min distance = 1.87254
RSME_AQUAE	F1	21945395		SETD7_HUMAN	F1	439155	Ad	2F69	2EGW	1XQH	0.88	Sc=6.51323, min distance = 2.06243
RSME_AQUAE	F1	4369533	C	SETD8_HUMAN	F1	439155	Ad	1ZKK	2EGW	2BQZ	0.95	Sc=6.50511, min distance = 1.82292

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RSME_AQUAE	F1	439182	5	Q70GK9_STRCT	1	34756	Acy	1RQP	2EGV	2CC2	0.86	Sc=6.28743, min distance = 1.607005
RSME_AQUAE	F1	445971	CI	METJ_ECOLI	Fu:	34756	Acy	1CMC	2EGV	1MJL	0.92	Sc=6.09382, min distance = 1.361658
RSME_AQUAE	F1	6852187	2	Q70GK9_STRCT	1	34756	Acy	1RQP	2EGV	2CBX	0.84	Sc=6.20923, min distance = 1.675407
RT4I1_HUMAN	I	24941247		DHI1_HUMAN	Fu:	5886	NADF	1XU9	2VN8	3D5Q		Sc=6.13909, min distance = 0.570485
RT4I1_HUMAN	I	440334	Ni	DAPB_ECOLI	Fu:	5886	NADF	1DIH	2VN8	1DRW	0.91	Sc=6.26487, min distance = 2.032585
RTCA_ECOLI	F1	51	2-Oxop	SERA_ECOLI	Fu:	311	citri	2P9E	1QMH	1YBA	0.76	Sc=5.65515, min distance = 1.714080
RTCA_ECOLI	F1	5354052	p	MIF_HUMAN	Fu:	311	citri	1GD0	1QMH	20OZ		Sc=5.87109, min distance = 0.704540
RUMA_ECOLI	F1	446535	CI	HNMT_HUMAN	Fu:	439155	Ad	2AOT	2BH2	1JQE	0.95	Sc=6.49237, min distance = 2.300607
RUMA_ECOLI	F1	60961	ade	PIMT_PYRFU	Fu:	439155	Ad	1JG1	2BH2	1JG2	0.84	Sc=6.23012, min distance = 2.808006
RUMA_ECOLI	F1	65482	sir	PRMA_THET8	Fu:	439155	Ad	3EGV	2BH2	2ZBR	0.88	Sc=6.54269, min distance = 2.364852
RUVB1_HUMAN	I	24864080		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C90	2VTR		Sc=6.10137, min distance = 1.808850
RUVB1_HUMAN	I	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	2C90	1BS1	0.91	Sc=5.99236, min distance = 2.116167
RUVB1_HUMAN	I	444852	CI	ATPB_BOVIN	Fu:	6022	Aden	2CK3	2C90	1COW	0.9	Sc=6.50683, min distance = 0.653030
RUVB1_HUMAN	I	445966	O6	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C90	1H0V		Sc=6.2765, min distance = 2.2742537
RUVB1_HUMAN	I	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C90	1E1V		Sc=6.22689, min distance = 1.996747
RUVB1_HUMAN	I	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2C90	1H1R		Sc=6.43687, min distance = 2.080256
RUVB1_HUMAN	I	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	2C90	1W7A	0.99	Sc=6.06654, min distance = 1.256949
RUVB1_HUMAN	I	5957	Ader	PSPF_ECOLI	Fu:	6022	Aden	2C98	2C90	2C96	0.99	Sc=5.76386, min distance = 2.496617
RUVB1_HUMAN	I	5957	Ader	RK_BOVIN	Full:	6022	Aden	3C4Z	2C90	3C4W	0.99	Sc=6.04765, min distance = 1.034325
RUVB1_HUMAN	I	6031	Uric	DCK_HUMAN	Fu:	6022	Aden	1P5Z	2C90	2ZIA		Sc=5.92923, min distance = 1.713846
RUVB1_HUMAN	I	6852187	2	O57883_PYRHO	I	6022	Aden	1WNL	2C90	2DTH	0.89	Sc=6.13821, min distance = 2.030896
RUVB1_HUMAN	I	72194	2-C	ENPL_CANFA	Fu:	6022	Aden	1TC6	2C90	1QYE	0.89	Sc=6.17702, min distance = 2.144636
RUVB_THEMA	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1J7K	1Q8W		Sc=6.00109, min distance = 2.102677
RUVB_THEMA	F1	398148	1e	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1IN4	1E1X		Sc=6.21098, min distance = 2.082320
RUVB_THEMA	F1	444564	AD	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1IN4	1BS1	0.91	Sc=6.02429, min distance = 2.333539
RUVB_THEMA	F1	444564	AD	MYS2_DICDI	Fu:	6022	Aden	1VOM	1IN4	1W9I	0.91	Sc=6.02137, min distance = 2.017957
RUVB_THEMA	F1	449088	1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1IN4	1VYZ		Sc=6.21854, min distance = 1.932234
RUVB_THEMA	F1	4564	1e1v	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1IN4	1E1V		Sc=6.17635, min distance = 1.851410
RUVB_THEMA	F1	5327130	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1IN4	2C68		Sc=6.31855, min distance = 2.079310
RUVB_THEMA	F1	5327131	T	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1IN4	2C69		Sc=6.38148, min distance = 1.750812
RUVB_THEMA	F1	6031	Uric	DCK_HUMAN	Fu:	6022	Aden	1P5Z	1IN4	2ZIA		Sc=5.62201, min distance = 2.656209
RUVB_THEMA	F1	6083	ader	PSPF_ECOLI	Fu:	5957	Aden	2C96	1J7K	2VII	0.98	Sc=6.41617, min distance = 2.144690
RUVB_THEMA	F1	60961	ade	SKY1_YEAST	Fu:	6022	Aden	1Q8Y	1IN4	1Q97	0.95	Sc=6.23199, min distance = 2.019605
RUVB_THEMA	F1	6102784	A	PSPF_ECOLI	Fu:	6022	Aden	2C98	1IN4	2C99	0.99	Sc=6.06464, min distance = 2.442815
RUVB_THEMA	F1	6852207	M	KAPCA_BOVIN	F1	5957	Aden	1Q24	1J7K	2GNI		Sc=6.01474, min distance = 2.243090
RUVB_THEMA	F1	91532	AME	AROK_MYCTU	Fu:	6022	Aden	2IYV	1IN4	1ZYU	0.99	Sc=6.07571, min distance = 2.505194
RUVB_THEMA	F1	91532	AME	BIOD_ECOLI	Fu:	6022	Aden	1DAD	1IN4	1DAG	0.99	Sc=6.07516, min distance = 2.235976

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RUVB_THEMA	F1	91532 AME	NIFH1_AZOVI	F1	6022 Aden	1FP6	1IN4	2AFK	0.99	Sc=6.52679, min distance = 1.674626
RUVB_THEMA	F1	9547890 I	CDK2_HUMAN	Fu	6022 Aden	1GY3	1IN4	1W8C		Sc=6.29295, min distance = 2.129740
RUVB_THET8	F1	100684 9-	RICI_RICCO	Fu	190 adeni	2P8N	1HQC	1IL4		Sc=5.81359, min distance = 1.732698
RUVB_THET8	F1	3547 Fas	ROCK1_HUMAN	F1	33113 gar	2V55	1IXS	2ESM		Sc=5.92505, min distance = 2.341730
RUVB_THET8	F1	447004 CI	MYS2_DICDI	Fu	33113 gar	1MMN	1IXS	1LVK		Sc=6.02968, min distance = 2.221110
RUVB_THET8	F1	5287547 6	PURR_ECOLI	Fu	190 adeni	2PUB	1HQC	2PUA	0.9	Sc=5.68216, min distance = 2.530760
RUVB_THET8	F1	5287830 6	Q8RLY5_LACHE	I	190 adeni	1S2D	1HQC	1S2I	0.93	Sc=5.65858, min distance = 2.176670
RUVB_THET8	F1	5326978 1	CSK2A_MAIZE	F1	33113 gar	1LP4	1IXS	1ZOH		Sc=5.66016, min distance = 2.077200
RUVB_THET8	F1	6852187 2	FGFR2_HUMAN	F1	190 adeni	2Q0B	1HQC	2PVY		Sc=6.12501, min distance = 2.510400
RUVB_THET8	F1	764 guani	PURR_ECOLI	Fu	190 adeni	2PUB	1HQC	1WET		Sc=5.77739, min distance = 2.713590
RUVB_THET8	F1	78598 5-M	COBT_SALTY	Fu	190 adeni	1JH8	1HQC	1JHP		Sc=5.65149, min distance = 2.128150
RUVB_THET8	F1	790 hypox	PURR_ECOLI	Fu	190 adeni	2PUB	1HQC	1JFT		Sc=5.67313, min distance = 2.773810
RUVB_THET8	F1	96253 7-I	RICI_RICCO	Fu	190 adeni	2P8N	1HQC	1IL3		Sc=5.80766, min distance = 1.834695
RXRA_MOUSE	F1	13849 Per	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1XVP		Sc=5.9354, min distance = 2.5793850
RXRA_MOUSE	F1	16750065	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	2P1U		Sc=6.31081, min distance = 2.707010
RXRA_MOUSE	F1	25011742	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	###	0.97	Sc=6.07209, min distance = 2.560878
RXRA_MOUSE	F1	4369168 C	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1FM9	0.83	Sc=6.08163, min distance = 2.671358
RXRA_MOUSE	F1	4369214 C	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1K74	0.81	Sc=6.07727, min distance = 2.632410
RXRA_MOUSE	F1	4369350 I	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1RDT		Sc=6.18599, min distance = 2.505990
RXRA_MOUSE	F1	447226 CI	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1MVC		Sc=6.17543, min distance = 2.700238
RXRA_MOUSE	F1	449188 CI	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1XLS	0.8	Sc=6.07209, min distance = 2.581040
RXRA_MOUSE	F1	5326524 C	RXRA_HUMAN	Fu	449171 Al	1FBY	1XDK	1FM6	0.76	Sc=6.08366, min distance = 2.560878
S14L2_HUMAN	I	12389 Tet	LTC4S_HUMAN	F1	985 palmi	2UUH	1O6U	2UUI		Sc=5.96255, min distance = 2.659155
S14L2_HUMAN	I	14253 Cet	FABP4_MOUSE	F1	985 palmi	1LIE	1O6U	1LIC		Sc=5.68453, min distance = 2.477428
SAE2_HUMAN	F1	11696113	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	2VO3		Sc=6.31902, min distance = 2.356890
SAE2_HUMAN	F1	11708454	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	2VNW		Sc=6.19575, min distance = 2.076460
SAE2_HUMAN	F1	15602983	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	2UW5		Sc=6.11814, min distance = 2.497898
SAE2_HUMAN	F1	16122632	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	2UVZ		Sc=6.38685, min distance = 2.120102
SAE2_HUMAN	F1	16122635	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	2UW8		Sc=5.77921, min distance = 1.999938
SAE2_HUMAN	F1	3540 1yds	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	1YDS		Sc=5.96292, min distance = 2.185310
SAE2_HUMAN	F1	3547 Fas	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	1Q8W		Sc=6.00296, min distance = 2.285090
SAE2_HUMAN	F1	449240 1y	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	1YDR		Sc=6.02205, min distance = 2.075588
SAE2_HUMAN	F1	449241 1y	KAPCA_BOVIN	F1	5957 Aden	1Q24	1Y8Q	1YDT		Sc=6.1607, min distance = 2.0859100
SAE2_HUMAN	F1	5893 nadi	KTRA_BACSU	Fu	5957 Aden	2HMW	1Y8Q	1LSU		Sc=6.75388, min distance = 1.950400
SAE2_HUMAN	F1	6022 Ader	PUR7_METJA	Fu	5957 Aden	2Z02	1Y8Q	2YZL	0.99	Sc=6.40838, min distance = 2.390578
SAE2_HUMAN	F1	6022 Ader	REX_BACSU	Fu	5957 Aden	2VT3	1Y8Q	2VT2	0.99	Sc=6.44051, min distance = 2.304420
SAHH_BURP1	F1	123927 A3	Q9GT92_CRYPV	I	5893 nadi	2FM3	3D64	2EWD	0.97	Sc=6.30893, min distance = 2.301528

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SAHH_BURP1	F1	439153	Di	ADH1E_HORSE	F1	5893	nadi	1MGO	3D64	2JHF	0.79	Sc=6.2994, min distance = 2.461517
SAHH_BURP1	F1	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	3D64	1HL3	0.79	Sc=6.30964, min distance = 2.421976
SAHH_BURP1	F1	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	3D64	1BDM	0.79	Sc=6.31179, min distance = 2.061562
SAHH_BURP1	F1	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	3D64	1WXI		Sc=5.84163, min distance = 2.282307
SAHH_BURP1	F1	6102710	A	Q4PRK9_PLAVI	I	5893	nadi	2A92	3D64	2AA3	0.95	Sc=6.31565, min distance = 2.447088
SAHH_HUMAN	F1	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	1LI4	1T2E	0.77	Sc=6.03283, min distance = 2.536237
SAHH_HUMAN	F1	439153	Di	ADH1E_HORSE	F1	5893	nadi	1MGO	1LI4	2JHF	0.79	Sc=6.31186, min distance = 2.517644
SAHH_HUMAN	F1	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	1LI4	1HL3	0.79	Sc=6.30822, min distance = 2.520619
SAHH_HUMAN	F1	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	1LI4	1BDM	0.79	Sc=6.32512, min distance = 2.317418
SAHH_HUMAN	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1LI4	2FZE		Sc=6.16472, min distance = 2.106679
SAHH_HUMAN	F1	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	1LI4	1IHX		Sc=6.17181, min distance = 1.102464
SAHH_MYCTU	F1	123927	A3	Q9GT92_CRYPV	I	5893	nadi	2FM3	3CE6	2EWD	0.97	Sc=6.02975, min distance = 2.375774
SAHH_MYCTU	F1	159961	Le	SAHH_RAT	Full	60961	ade	1D4F	3CE6	1K0U	56.39 0.84	Sc=6.34241, min distance = 1.289716
SAHH_MYCTU	F1	439153	Di	ADH1B_HUMAN	F1	5893	nadi	1U3U	3CE6	1DEH	0.79	Sc=6.3264, min distance = 2.2501779
SAHH_MYCTU	F1	439153	Di	ADH1E_HORSE	F1	5893	nadi	1MGO	3CE6	2JHF	0.79	Sc=6.03051, min distance = 2.409650
SAHH_MYCTU	F1	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	3CE6	1HL3	0.79	Sc=6.31792, min distance = 2.253257
SAHH_MYCTU	F1	439353	be	TRFL_BOVIN	Fu	60961	ade	2DOJ	3CE6	2DWJ		Sc=5.67529, min distance = 2.455490
SAHH_MYCTU	F1	446288	NA	G3P_PALVE	Ful	5893	nadi	1DSS	3CE6	1IHX		Sc=6.19118, min distance = 1.041123
SAHH_MYCTU	F1	446728	CI	Q9GPQ4_TRYVI	I	23190	Dea	1HP0	2ZIZ	1KIE	0.92	Sc=6.29722, min distance = 1.934158
SAHH_MYCTU	F1	446824	3	SAHH_RAT	Full	60961	ade	1D4F	3CE6	1KY5	56.39 0.93	Sc=6.37248, min distance = 1.414423
SAHH_MYCTU	F1	5327148	C	IPKA_RABIT	Fu	60961	ade	1FMO	3CE6	2ERZ		Sc=6.24196, min distance = 2.194324
SAHH_MYCTU	F1	5327148	C	KAPCA_MOUSE	F1	60961	ade	1FMO	3CE6	2ERZ		Sc=6.23631, min distance = 2.241047
SAHH_MYCTU	F1	6021	inos	DEOD_ECOLI	Fu	8975	2-F1	1PK9	2ZJ0	1PR0	0.78	Sc=6.33116, min distance = 1.752256
SAHH_MYCTU	F1	6021	inos	TMPC_TREPA	Fu	60961	ade	2FQY	3CE6	2FQW	0.79	Sc=6.32013, min distance = 1.925734
SAHH_MYCTU	F1	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	3CE6	1WXI		Sc=6.31141, min distance = 2.160110
SAHH_MYCTU	F1	6102710	A	Q4PRK9_PLAVI	I	5893	nadi	2A92	3CE6	2AA3	0.95	Sc=6.32819, min distance = 2.533058
SAHH_MYCTU	F1	6802	guar	TMPC_TREPA	Fu	60961	ade	2FQY	3CE6	2FQX	0.79	Sc=6.37713, min distance = 1.977888
SAHH_MYCTU	F1	72443	for	DEOD_ECOLI	Fu	8975	2-F1	1PK9	2ZJ0	1A69		Sc=6.36633, min distance = 1.630176
SAHH_PLAF7	F1	11987786		LDH_PLAFD	Ful	5893	nadi	1T2D	1V8B	1T2E	0.77	Sc=6.31792, min distance = 2.493723
SAHH_PLAF7	F1	123927	A3	DAPB_ECOLI	Fu	5893	nadi	1DRU	1V8B	1DRV	0.97	Sc=6.31681, min distance = 2.069088
SAHH_PLAF7	F1	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1V8B	1I3K	0.79	Sc=6.78084, min distance = 1.877113
SAHH_PLAF7	F1	439353	be	TRFL_BOVIN	Fu	60961	ade	2DOJ	1V8B	2DWJ		Sc=5.65341, min distance = 2.187320
SAHH_PLAF7	F1	440516	CI	MDH_THETH	Ful	5893	nadi	1BMD	1V8B	1BDM	0.79	Sc=6.32993, min distance = 2.425992
SAHH_PLAF7	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1V8B	2FZE		Sc=6.17408, min distance = 2.284294
SAHH_PLAF7	F1	5327148	C	IPKA_RABIT	Fu	60961	ade	1FMO	1V8B	2ERZ		Sc=6.21035, min distance = 2.077310
SAHH_PLAF7	F1	5327148	C	KAPCA_MOUSE	F1	60961	ade	1FMO	1V8B	2ERZ		Sc=6.20222, min distance = 1.850229
SAHH_PLAF7	F1	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	1V8B	1GZ4		Sc=6.05572, min distance = 1.031592

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SAHH_PLAF7	F1	6802	guar	A5KE01_PLAVI	1	60961	ade	2PGF	1V8B	2QVN	0.79	Sc=6.31932, min distance = 2.128789
SAHH_PLAF7	F1	6802	guar	TMPC_TREPA	Fu:	60961	ade	2FQY	1V8B	2FQX	0.79	Sc=6.31131, min distance = 2.391752
SAHH_PLAF7	F1	97184	6-M	DEOD_ECOLI	Fu:	60961	ade	1PK7	1V8B	1OVG	0.9	Sc=6.24063, min distance = 1.523830
SAHH_RAT	Ful:	439353	be	TRFL_BOVIN	Fu:	60961	ade	2DOJ	1D4F	2DWJ		Sc=5.67761, min distance = 1.875471
SAHH_RAT	Ful:	5327148	C	KAPCA_MOUSE	F1	60961	ade	1FMO	1D4F	2ERZ		Sc=6.22319, min distance = 2.052610
SAHH_RAT	Ful:	6021	inos	DEOD_ECOLI	Fu:	60961	ade	1PK7	1D4F	1PR0	0.79	Sc=6.31695, min distance = 1.664130
SAHH_RAT	Ful:	6021	inos	TMPC_TREPA	Fu:	60961	ade	2FQY	1D4F	2FQW	0.79	Sc=6.29417, min distance = 2.132871
SAHH_RAT	Ful:	6083	ader	SYQ_ECOLI	Ful:	60961	ade	1O0B	1D4F	1ZJW	0.96	Sc=6.39829, min distance = 1.669674
SAHH_RAT	Ful:	6802	guar	TMPC_TREPA	Fu:	60961	ade	2FQY	1D4F	2FQX	0.79	Sc=6.34722, min distance = 2.323009
SAHH_RAT	Ful:	8975	2-F1	SAHH_MYCTU	Fu:	60961	ade	3CE6	1D4F	2ZJ0	56.39 0.99	Sc=6.40223, min distance = 0.905852
SAP3_HUMAN	F1	39912	ibu	ALBU_HUMAN	Fu:	11005	Tet	1N5U	2AF9	2BXG		Sc=5.71024, min distance = 2.065740
SAP3_HUMAN	F1	445639	ol	ALBU_HUMAN	Fu:	11005	Tet	1N5U	2AF9	1GNI		Sc=5.7734, min distance = 2.1954609
SAP3_HUMAN	F1	854023	Ep	Q8WSF8_APLCA	1	23831	HEF	2BR7	1PU5	2BYQ		Sc=5.95296, min distance = 1.438079
SAR1B_CRIGR	1	185698	al	KRE2_YEAST	Fu:	8977	1dar	1S40	1F6B	1S4N		Sc=5.673, min distance = 1.77612978
SAR1B_CRIGR	1	6804	guar	EF1A_YEAST	Fu:	8977	1dar	2B7B	1F6B	1G7C	0.99	Sc=5.97802, min distance = 2.010759
SAR1_YEAST	F1	24779678		CSK2A_MAIZE	F1	36735	Gpp	1DAY	1M20	2PVM		Sc=6.55242, min distance = 1.672329
SAR1_YEAST	F1	445871	CI	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1M20	1GNP		Sc=5.71805, min distance = 2.348679
SAR1_YEAST	F1	446248	CI	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1M20	1IAQ		Sc=6.06162, min distance = 2.041260
SAR1_YEAST	F1	93082	Gak	RAC3_HUMAN	Fu:	36735	Gpp	2IC5	1M20	2QME	0.99	Sc=6.23895, min distance = 2.526484
SAR1_YEAST	F1	93082	Gak	RASH_HUMAN	Fu:	36735	Gpp	1CTQ	1M20	121P	0.99	Sc=6.0743, min distance = 2.1771779
SAR1_YEAST	F1	93082	Gak	SRP54_THEAQ	F1	36735	Gpp	1JPN	1M20	1RJ9	0.99	Sc=6.23395, min distance = 2.072720
SARR_STAA8	F1	445721	GI	PYGM_RABIT	Fu:	79025	alp	1H5U	1HSJ	1FU4		Sc=5.93056, min distance = 1.770840
SARR_STAA8	F1	445825	CI	PYGM_RABIT	Fu:	79025	alp	1H5U	1HSJ	1GG8		Sc=5.95466, min distance = 2.561540
SARR_STAA8	F1	447607	1c	PYGM_RABIT	Fu:	79025	alp	1H5U	1HSJ	2G9V		Sc=5.75873, min distance = 2.697859
SARR_STAA8	F1	449554	CI	PYGM_RABIT	Fu:	79025	alp	1H5U	1HSJ	5GPB		Sc=6.07107, min distance = 2.373180
SARR_STAA8	F1	64960	Pol	XYLA_STRRU	Fu:	79025	alp	1XIF	1HSJ	1XIE	0.89	Sc=5.77823, min distance = 2.521260
SARR_STAA8	F1	65533	cor	PYGM_RABIT	Fu:	79025	alp	1H5U	1HSJ	3GPB	0.87	Sc=6.02516, min distance = 2.432100
SARR_STAA8	F1	7048614	Z	XYLA_STRRU	Fu:	79025	alp	1XIF	1HSJ	1XID		Sc=5.84152, min distance = 2.803759
SARR_STAA8	F1	95259	L-x	XYLA_STRRU	Fu:	79025	alp	1XIF	1HSJ	1XIC		Sc=5.73976, min distance = 2.537600
SATC_AQUAE	F1	16046126		CDK2_HUMAN	Fu:	6022	Aden	1GY3	2GKS	2DS1		Sc=6.48002, min distance = 1.998730
SATC_AQUAE	F1	36735	Gpp	PARM_ECOLX	Fu:	6022	Aden	1MWM	2GKS	2ZGZ	0.79	Sc=6.0111, min distance = 1.7827700
SATC_AQUAE	F1	4369136	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2GKS	1DM2		Sc=6.22446, min distance = 0.857030
SATC_AQUAE	F1	440317	AT	VPS4_YEAST	Fu:	6022	Aden	2QPA	2GKS	3EIH	0.99	Sc=6.4637, min distance = 1.8437269
SATC_AQUAE	F1	447655	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2GKS	1OIU		Sc=6.20786, min distance = 2.994870
SATC_AQUAE	F1	447916	ac	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	2GKS	1ZTF	0.95	Sc=5.83906, min distance = 2.005499
SATC_AQUAE	F1	447955	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2GKS	1PXI		Sc=5.80402, min distance = 1.902774
SATC_AQUAE	F1	454194	Tr	DCK_HUMAN	Ful:	6022	Aden	1P5Z	2GKS	2N09		Sc=6.08121, min distance = 1.370570

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SATC_AQUAE	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GKS	1H1R		Sc=6.42499, min distance = 0.896376
SATC_AQUAE	F1	4566	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GKS	1H1S		Sc=6.23252, min distance = 3.003427
SATC_AQUAE	F1	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GKS	1OGU		Sc=6.59048, min distance = 1.042297
SATC_AQUAE	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	2GKS	2ERZ		Sc=6.18446, min distance = 2.113670
SATC_AQUAE	F1	5957	Ader	HSP7F_YEAST	F1	6022	Aden	3C7N	2GKS	3D2F	0.99	Sc=5.80666, min distance = 2.066004
SATC_AQUAE	F1	5957	Ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2GKS	2C96	0.99	Sc=6.00641, min distance = 2.145535
SATC_AQUAE	F1	60825	lan	DCK_HUMAN	Fu	6022	Aden	1P5Z	2GKS	2NOA		Sc=5.74915, min distance = 2.833135
SATC_AQUAE	F1	60877	Emt	DCK_HUMAN	Fu	6022	Aden	1P5Z	2GKS	2NO6		Sc=5.78214, min distance = 2.757938
SATC_AQUAE	F1	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	2GKS	1Q97	0.95	Sc=6.23554, min distance = 1.376982
SATC_AQUAE	F1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	2GKS	2PO2		Sc=6.33191, min distance = 1.599397
SATC_AQUAE	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	2GKS	2PO2		Sc=6.32395, min distance = 1.267162
SATC_AQUAE	F1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	2GKS	1QYE	0.89	Sc=6.13457, min distance = 2.316390
SATC_AQUAE	F1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	2GKS	2DXE	0.8	Sc=6.43911, min distance = 2.244724
SATC_AQUAE	F1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	2GKS	1W48	0.99	Sc=6.22024, min distance = 0.693720
SATC_AQUAE	F1	9700	thyn	KTHY_HUMAN	Fu	6022	Aden	1NN3	2GKS	1E2F		Sc=5.91627, min distance = 1.040665
SAV_STRAV	Fu	187790	de	AVID_CHICK	Fu	446903	NC	1LDO	1LCV	2A8G	42.25	Sc=6.38148, min distance = 1.529766
SCNB_THITI	F1	23831	HEE	XYNA_BACSU	Fu	444305	L-	2DCY	2DXC	2B45		Sc=5.78111, min distance = 0.477880
SCNB_THITI	F1	323	coume	TRFL_BOVIN	Fu	439709	be	2O51	2DD4	3CRB		Sc=5.65921, min distance = 1.099924
SCNC_THITI	F1	997	pheny	DCIP_AZOBR	Fu	444305	L-	2Q5Q	2DXC	2Q5O		Sc=5.65267, min distance = 1.966854
SCRY_SALTY	F1	6251	D-me	TRFL_BOVIN	Fu	5988	sucr	2DVC	1A0T	2Q8J		Sc=5.71507, min distance = 2.696138
SDIS_COMTE	F1	449455	CI	DHB1_HUMAN	Fu	222865	An	1QYW	1OHS	3DHE		Sc=5.88901, min distance = 2.385732
SEC4_YEAST	F1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1G17	1CLU	0.99	Sc=6.58309, min distance = 2.123075
SEC4_YEAST	F1	446248	CI	RAN_HUMAN	Fu	8977	1dar	3CH5	1G16	1IBR		Sc=6.17767, min distance = 2.219538
SEC4_YEAST	F1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1G17	1IAQ		Sc=6.54827, min distance = 2.221249
SEC4_YEAST	F1	6804	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	1G16	1WAJ	0.99	Sc=6.39666, min distance = 2.089092
SEC4_YEAST	F1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	1G16	1G7C	0.99	Sc=6.04049, min distance = 2.667198
SEC4_YEAST	F1	93082	Gak	CDC42_HUMAN	F1	36735	Gpp	1NF3	1G17	2ODB	0.99	Sc=6.58026, min distance = 2.528215
SEC4_YEAST	F1	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	1G17	1RJ9	0.99	Sc=6.57949, min distance = 2.430908
SEC4_YEAST	F1	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1G17	2QME	0.99	Sc=6.58328, min distance = 2.480387
SEC4_YEAST	F1	93082	Gak	RASH_HUMAN	Fu	8977	1dar	2CE2	1G16	121P	0.99	Sc=6.54412, min distance = 1.674137
SECA1_MYCTU	1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2R3F		Sc=6.04046, min distance = 2.301789
SECA1_MYCTU	1	23653522		CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2R3N		Sc=6.3618, min distance = 1.751417
SECA1_MYCTU	1	23653523		CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2R3O		Sc=6.37897, min distance = 1.685605
SECA1_MYCTU	1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2VTR		Sc=6.01127, min distance = 1.322411
SECA1_MYCTU	1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NKT	1BS1	0.91	Sc=6.43822, min distance = 2.570487
SECA1_MYCTU	1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	1GZ8		Sc=6.16907, min distance = 2.054630
SECA1_MYCTU	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	1PXI		Sc=5.74695, min distance = 2.512374

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SECA1_MYCTU	1	449088	1V	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	1VYZ		Sc=6.13789, min distance = 1.621594
SECA1_MYCTU	1	5327096	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2BTR		Sc=6.09743, min distance = 2.123518
SECA1_MYCTU	1	5327130	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2C68		Sc=6.27533, min distance = 2.250719
SECA1_MYCTU	1	5327131	T	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2C69		Sc=6.32962, min distance = 2.445154
SECA1_MYCTU	1	5957	Ader	ACTS_RABIT	Fu	6022	Aden	1J6Z	1NKT	2FXU	0.99	Sc=6.45249, min distance = 2.086240
SECA1_MYCTU	1	5957	Ader	ARP3_BOVIN	Fu	6022	Aden	2P9I	1NKT	1TYQ	0.99	Sc=6.46164, min distance = 1.966234
SECA1_MYCTU	1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NKT	1A82	0.99	Sc=6.47968, min distance = 2.481199
SECA1_MYCTU	1	5957	Ader	HSP7F_YEAST	Fu	6022	Aden	3C7N	1NKT	3D2F	0.99	Sc=6.46801, min distance = 1.993679
SECA1_MYCTU	1	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1NKT	2Z02	0.99	Sc=6.47797, min distance = 2.015689
SECA1_MYCTU	1	5957	Ader	SECA_ECOLI	Fu	6022	Aden	2FSI	1NKT	2FSG	0.99	Sc=6.47497, min distance = 2.166347
SECA1_MYCTU	1	6031	Uric	DCK_HUMAN	Ful	6022	Aden	1P5Z	1NKT	2ZIA		Sc=6.33986, min distance = 2.146717
SECA1_MYCTU	1	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1NKT	1D0X		Sc=6.17737, min distance = 2.301424
SECA1_MYCTU	1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1NKT	1D0Y		Sc=6.18267, min distance = 1.882348
SECA1_MYCTU	1	6338566	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1NKT	1D1C		Sc=6.19808, min distance = 2.236514
SECA1_MYCTU	1	91532	AMF	BIOD_ECOLI	Fu	6022	Aden	1DAD	1NKT	1DAG	0.99	Sc=6.49813, min distance = 2.559840
SECA1_MYCTU	1	9547890	I	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	1W8C		Sc=6.24634, min distance = 2.461532
SECA1_MYCTU	1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1NKT	2R3H		Sc=6.07738, min distance = 2.121549
SECA_BACSU	F1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1TF2	2VTR		Sc=5.81344, min distance = 2.057450
SECA_BACSU	F1	444852	CI	ATPB_BOVIN	Fu	6022	Aden	2CK3	1TF2	1COW	0.9	Sc=5.68813, min distance = 2.532717
SECA_BACSU	F1	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TF2	1PF8		Sc=6.08463, min distance = 1.858606
SECA_BACSU	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TF2	1PXI		Sc=5.66254, min distance = 2.381374
SECA_BACSU	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TF2	1E1V		Sc=6.0291, min distance = 2.248727
SECA_BACSU	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TF2	1H1R		Sc=6.09874, min distance = 1.575650
SECA_BACSU	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1TF2	1W7A	0.99	Sc=5.69681, min distance = 2.113450
SECA_BACSU	F1	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1TF2	2Z02	0.99	Sc=6.00631, min distance = 2.056997
SECA_BACSU	F1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1TF2	1D0Y		Sc=6.07479, min distance = 2.494757
SECA_BACSU	F1	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TF2	2VTJ		Sc=5.65655, min distance = 2.188288
SECA_ECOLI	F1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSI	1JSV		Sc=5.7016, min distance = 2.505870
SECA_ECOLI	F1	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	2FSI	2VTJ		Sc=5.6124, min distance = 2.183221
SERA_ECOLI	F1	126892	1t	TPIS_TRYBB	Fu	311	citri	2VEK	2P9E	1TSI		Sc=5.7325, min distance = 1.818950
SERA_ECOLI	F1	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	1SC6	2PKR		Sc=6.33607, min distance = 2.282340
SERA_ECOLI	F1	4369002	C	LDHA_PIG	Full	5893	nadi	9LDB	1SC6	9LDT	0.77	Sc=6.40916, min distance = 1.715710
SERA_ECOLI	F1	439153	Di	CTBP1_RAT	Ful	5893	nadi	1HKU	1SC6	1HL3	0.79	Sc=5.97681, min distance = 2.170170
SERA_ECOLI	F1	439183	1i	TPIS_TRYBB	Fu	311	citri	2VEK	2P9E	1IIH		Sc=5.63798, min distance = 1.234948
SERA_ECOLI	F1	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	2P9E	1QGU	0.92	Sc=5.89827, min distance = 2.279308
SERA_ECOLI	F1	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	2P9E	1QGU	0.92	Sc=5.90988, min distance = 2.195757
SERA_ECOLI	F1	444591	CI	IDH_ECOLI	Ful	51	2-Oxop	1CW4	1YBA	1BL5		Sc=5.61763, min distance = 2.690566

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SERA_ECOLI	F1	447550	ph	TPIS_TRYBB	Fu	311	citri	2VEK	2P9E	4TIM		Sc=5.61508, min distance = 1.574327
SERA_ECOLI	F1	449604	NI	ACON_BOVIN	Fu	311	citri	1C96	2P9E	8ACN		Sc=5.72996, min distance = 2.204624
SERA_ECOLI	F1	69689	9-M	GSK3B_HUMAN	F1	311	citri	1R0E	2P9E	109U		Sc=5.85704, min distance = 0.954082
SERA_HUMAN	F1	439153	Di	ADH1B_HUMAN	F1	5893	nadi	1U3U	2G76	1DEH	0.79	Sc=6.7652, min distance = 1.9496004
SERA_HUMAN	F1	439153	Di	ADH1E_HORSE	F1	5893	nadi	1MGO	2G76	2JHF	0.79	Sc=6.75832, min distance = 2.085281
SERA_HUMAN	F1	440516	CI	MDH_THETH	Fu	5893	nadi	1BMD	2G76	1BDM	0.79	Sc=6.76767, min distance = 2.327060
SERA_HUMAN	F1	6102709	Z	LDH_PLAFD	Fu	5893	nadi	1T2D	2G76	2A94	0.88	Sc=6.76206, min distance = 2.148295
SERC_BACAO	F1	445562	is	UPAR_HUMAN	Fu	8172	Trig	2FD6	1W23	1YWH		Sc=5.74287, min distance = 0.824224
SERC_ECOLI	F1	11987735		Q5SKW8_THET8	I	1053	pyri	1WYU	1BJO	1WYV		Sc=6.03712, min distance = 2.194355
SETD7_HUMAN	I	6852187	2	MOAA_STAA8	Fu	34756	Acy	2FB2	1N6A	2FB3	0.84	Sc=6.15193, min distance = 2.051019
SETD8_HUMAN	I	65482	sir	SETD7_HUMAN	F1	439155	Ad	2F69	1ZKK	3CBP	0.88	Sc=5.80904, min distance = 2.375931
SFTPD_HUMAN	I	193758	Ve	CDGT2_BACCI	F1	79025	alp	1D3C	1PWB	1DTU		Sc=5.7139, min distance = 2.2079504
SFTPD_HUMAN	I	449180	XI	XYLA_STRRU	Fu	79025	alp	1XIF	1PWB	4XIS		Sc=5.61496, min distance = 2.282867
SFTPD_HUMAN	I	449225	3-	XYLA_STROL	Fu	79025	alp	1S5M	1PWB	1XYC		Sc=5.80133, min distance = 2.115877
SFTPD_HUMAN	I	5289590	I	XYLA_STRRU	Fu	79025	alp	1XIF	1PWB	1XII		Sc=5.61763, min distance = 2.197468
SFTPD_HUMAN	I	82313	1rc	NAGK_HUMAN	Fu	79025	alp	2CH6	1PWB	2CH5		Sc=6.07861, min distance = 1.791596
SFTPD_HUMAN	I	95259	L-x	XYLA_STRRU	Fu	79025	alp	1XIF	1PWB	1XIC		Sc=5.64782, min distance = 2.269794
SGK1_HUMAN	F1	16058649		IGF1R_HUMAN	F1	33113	gar	1JQH	2R5T	2OJ9		Sc=6.4517, min distance = 2.0412008
SGK1_HUMAN	F1	23656870		CSK2A_MAIZE	F1	33113	gar	1LP4	2R5T	2PVN		Sc=6.42718, min distance = 2.756082
SGK1_HUMAN	F1	24756824		CSK2A_MAIZE	F1	33113	gar	1LP4	2R5T	3BE9		Sc=6.42385, min distance = 2.668251
SGK1_HUMAN	F1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	2R5T	2PVH		Sc=5.98446, min distance = 2.280616
SGK1_HUMAN	F1	24779678		CSK2A_MAIZE	F1	33113	gar	1LP4	2R5T	2PVM		Sc=6.10518, min distance = 2.560661
SGK1_HUMAN	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2R5T	2ETK		Sc=6.0679, min distance = 2.2518761
SGK1_HUMAN	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2R5T	2ESM		Sc=5.93726, min distance = 2.204301
SGK1_HUMAN	F1	444345	1c	IRAK4_HUMAN	F1	33113	gar	2OID	2R5T	2NRY		Sc=6.37231, min distance = 0.924004
SGK1_HUMAN	F1	444564	AI	MYS2_DICDI	Fu	33113	gar	1MMN	2R5T	1W9I	0.91	Sc=6.36828, min distance = 2.081646
SGK1_HUMAN	F1	445479	CI	CSK21_HUMAN	F1	33113	gar	2PVR	2R5T	3BQC		Sc=6.25561, min distance = 2.264674
SGK1_HUMAN	F1	5281672	n	PIM1_HUMAN	Fu	33113	gar	1XR1	2R5T	2O63		Sc=6.41588, min distance = 2.298065
SGK1_HUMAN	F1	5281701	T	PIM1_HUMAN	Fu	33113	gar	1XR1	2R5T	2O65		Sc=6.26843, min distance = 2.066128
SGK1_HUMAN	F1	5287844	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2R5T	1UV5		Sc=6.19461, min distance = 2.089065
SGK1_HUMAN	F1	5326637	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2R5T	1M2Q		Sc=6.17654, min distance = 2.401397
SGK1_HUMAN	F1	5326739	i	GSK3B_HUMAN	F1	33113	gar	1J1B	2R5T	1Q41		Sc=6.24216, min distance = 2.141512
SGK1_HUMAN	F1	5327121	1	PIM1_HUMAN	Fu	33113	gar	1XR1	2R5T	2C3I		Sc=6.23651, min distance = 2.735448
SGK1_HUMAN	F1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2R5T	2ERZ		Sc=6.16716, min distance = 2.165411
SGK1_HUMAN	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	2R5T	1Q97	0.93	Sc=6.13668, min distance = 2.673761
SGLT_VIBPA	F1	439731	al	ARAF_ECOLI	Fu	439353	be	8ABP	3DH4	6ABP	0.93	Sc=5.62032, min distance = 2.687779
SGLT_VIBPA	F1	439764	be	ARAF_ECOLI	Fu	439353	be	8ABP	3DH4	6ABP	0.93	Sc=5.61175, min distance = 2.644101

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SGLT_VIBPA	F1	6027	xylc	Q9ZB17_9LACT	I	439353	be	1NSX	3DH4	1MN0	0.93	Sc=5.68346, min distance = 1.851240
SH21A_HUMAN	I	444212	tr	ACON_BOVIN	Fu:	311	citri	1C96	1M27	1ACO		Sc=5.7578, min distance = 2.5846940
SH21A_HUMAN	I	51	2-Oxop	SERA_ECOLI	Fu:	311	citri	2P9E	1M27	1YBA	0.76	Sc=5.64286, min distance = 2.059809
SHBG_HUMAN	F1	11149479		ESR1_HUMAN	Fu:	5757	estr	1QKT	1LHU	2QAB		Sc=5.90912, min distance = 2.034209
SHBG_HUMAN	F1	11368987		ESR1_HUMAN	Fu:	5757	estr	1QKT	1LHU	2QGW		Sc=5.85128, min distance = 2.158529
SHBG_HUMAN	F1	15942662		ESR1_HUMAN	Fu:	5757	estr	1QKT	1LHU	2G44	0.75	Sc=5.83862, min distance = 2.434910
SHBG_HUMAN	F1	261000	Me	ANDR_HUMAN	Fu:	10635	And	1T65	1D2S	1XOW		Sc=6.02911, min distance = 2.454000
SHBG_HUMAN	F1	445410	EQ	DHB1_HUMAN	Fu:	5757	estr	1FDS	1LHU	1EQW	0.86	Sc=5.97902, min distance = 2.181249
SHBG_HUMAN	F1	446188	CI	ANDR_HUMAN	Fu:	10635	And	1T65	1D2S	2AM9		Sc=6.04229, min distance = 2.721599
SHBG_HUMAN	F1	5287785	C	ANDR_HUMAN	Fu:	10635	And	1T65	1D2S	2AX9		Sc=6.08938, min distance = 2.274340
SHBG_HUMAN	F1	656953	1x	ESR1_HUMAN	Fu:	5757	estr	1QKT	1LHU	1X7E		Sc=6.12259, min distance = 2.238289
SHBG_HUMAN	F1	6852154	2	ESR1_HUMAN	Fu:	5757	estr	1QKT	1LHU	2B1V	0.76	Sc=5.95001, min distance = 2.496320
SHBG_HUMAN	F1	6852186	2	ESR1_HUMAN	Fu:	5757	estr	1QKT	1LHU	2FAI	0.77	Sc=5.99267, min distance = 2.474310
SHPS1_HUMAN	I	444205	CI	ML1_VISAL	Fu:	439454	N-	1ONK	2JJS	1M2T	0.92	Sc=5.85975, min distance = 2.448400
SHPS1_HUMAN	I	446676	CI	MMP8_HUMAN	Fu:	78165	MES	1ZS0	2UV3	1KBC		Sc=5.89747, min distance = 1.799530
SIAP_HAEIN	F1	311	citri	NANH_MICVI	Fu:	65309	DAN	1EUS	2CEX	1W80		Sc=5.9636, min distance = 2.2599249
SIAP_HAEIN	F1	445079	CI	NANH_SALTY	Fu:	65309	DAN	2SIM	2CEX	1DIL		Sc=5.81507, min distance = 2.421890
SIAP_HAEIN	F1	60855	zar	Q6WJ03_9PARA	I	445063	La	1V3C	3B50	1V3E		Sc=6.44089, min distance = 2.043070
SIAP_HAEIN	F1	60855	zar	Q6WJ03_9PARA	I	65309	DAN	1V3D	2CEX	1V3E	0.88	Sc=6.37017, min distance = 2.286770
SIGL5_HUMAN	I	84265	1ax	Q97N96_STRPN	I	439353	be	2J1V	2ZG3	2J1U		Sc=5.93639, min distance = 2.244789
SIGL7_HUMAN	I	101798	Me	LEC_GALNI	Fu:	185698	al	1JPC	107V	1MSA	0.94	Sc=5.82964, min distance = 1.833940
SIRT5_HUMAN	I	164795	N	RBCMT_PEA	Fu:	23831	HEP	1MLV	2B4Y	2H2J		Sc=5.7417, min distance = 2.2494130
SIRT5_HUMAN	I	445939	1g	PPTA_ECOLI	Fu:	23831	HEP	1GYX	2B4Y	1GYG		Sc=5.78655, min distance = 1.859989
SIRT5_HUMAN	I	448641	CI	HST2_YEAST	Fu:	445794	AD	1SZD	2B4Y	1SZC	35.1	Sc=6.31703, min distance = 2.070089
SIRT5_HUMAN	I	6918639	A	HST2_YEAST	Fu:	445794	AD	1SZD	2B4Y	2OD7	35.1	0.94 Sc=5.89423, min distance = 2.248439
SKN1_CAEEL	F1	11987742		LHA4_RHOAC	Fu:	444279	1s	2FKW	1SKN	1NKZ		Sc=6.39318, min distance = 0.495900
SKY1_YEAST	F1	11338033		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1Q8Y	2VU3	30.75	Sc=6.38136, min distance = 1.880730
SKY1_YEAST	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q97	2UVY	28.04	Sc=6.06154, min distance = 2.296299
SKY1_YEAST	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q97	2VNW	28.04	Sc=6.01085, min distance = 2.464739
SKY1_YEAST	F1	11957417		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1Q8Y	2I40	30.75	Sc=6.31112, min distance = 1.747160
SKY1_YEAST	F1	129236	2c	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1Q97	2CSN		Sc=5.77975, min distance = 2.674590
SKY1_YEAST	F1	1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1Q8Y	1H1Q	30.75	Sc=6.41168, min distance = 1.785719
SKY1_YEAST	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q97	2UW5	28.04	Sc=6.11568, min distance = 2.002970
SKY1_YEAST	F1	15942652		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1Q8Y	2DUV	30.75	Sc=6.3198, min distance = 2.3149450
SKY1_YEAST	F1	160355	rd	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1Q8Y	3DDQ	30.75	Sc=6.41857, min distance = 0.987900
SKY1_YEAST	F1	16122608		PDPK1_HUMAN	F1	5957	Aden	2BIY	1Q97	2PE1	27.5	Sc=6.32072, min distance = 2.350219
SKY1_YEAST	F1	16214823		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1Q8Y	2UZB	30.75	Sc=6.14831, min distance = 2.221740

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SKY1_YEAST	F1	16758212	GSK3B_HUMAN	F1	6022	Aden	1J1C	1Q8Y	2O5K	31.32		Sc=6.37546, min distance = 2.338395
SKY1_YEAST	F1	17754396	PDPK1_HUMAN	F1	5957	Aden	2BIY	1Q97	2R7B	27.5		Sc=6.15711, min distance = 2.113794
SKY1_YEAST	F1	188966	HSLU_ECOLI	Fu	33113	gar	1E94	1Q99	1G4A	0.97		Sc=5.82654, min distance = 2.150874
SKY1_YEAST	F1	23653515	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2R3F	30.75		Sc=5.97103, min distance = 2.353092
SKY1_YEAST	F1	23653518	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2R3J	30.75		Sc=6.14203, min distance = 1.992972
SKY1_YEAST	F1	23653519	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2R3K	30.75		Sc=6.2584, min distance = 2.2289459
SKY1_YEAST	F1	23653520	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2R3L	30.75		Sc=6.24359, min distance = 2.092478
SKY1_YEAST	F1	23653521	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2R3M	30.75		Sc=6.39446, min distance = 2.194420
SKY1_YEAST	F1	23653524	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2R3P	30.75		Sc=6.21497, min distance = 2.265995
SKY1_YEAST	F1	23727981	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	3BHT	30.75		Sc=6.24382, min distance = 2.443655
SKY1_YEAST	F1	23727982	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	3BHU	30.75		Sc=6.28905, min distance = 2.353027
SKY1_YEAST	F1	24180721	PIM1_HUMAN	Fu	60961	ade	1YI4	1Q97	3C4E	28.83		Sc=5.77372, min distance = 1.523410
SKY1_YEAST	F1	24762195	KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q97	2VO0	28.04		Sc=6.27438, min distance = 2.227950
SKY1_YEAST	F1	24779674	CSK2A_MAIZE	F1	33113	gar	1LP4	1Q99	2PVH	27.35		Sc=6.09468, min distance = 2.521262
SKY1_YEAST	F1	24864080	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2VTR	30.75		Sc=5.90646, min distance = 1.731170
SKY1_YEAST	F1	24916751	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	3DOG	30.75		Sc=6.40313, min distance = 1.168530
SKY1_YEAST	F1	25021197	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	3EOC	30.75		Sc=6.28575, min distance = 1.640990
SKY1_YEAST	F1	3064778	ROCK1_HUMAN	F1	33113	gar	2V55	1Q99	2ETK	27.78		Sc=6.01669, min distance = 2.438004
SKY1_YEAST	F1	36735	Q9RVK2_DEIRA	1	5957	Aden	1SU2	1Q97	1SZ3	0.8		Sc=5.96512, min distance = 2.297857
SKY1_YEAST	F1	3973	PIM1_HUMAN	Fu	60961	ade	1YI4	1Q97	1YI3	28.83		Sc=5.85694, min distance = 2.097916
SKY1_YEAST	F1	3973	PK3CG_PIG	Fu	5957	Aden	1E8X	1Q97	1E7V			Sc=5.88358, min distance = 2.031560
SKY1_YEAST	F1	398148	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1E1X	30.75		Sc=6.10262, min distance = 1.791922
SKY1_YEAST	F1	4369136	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1DM2	30.75		Sc=6.23546, min distance = 2.218700
SKY1_YEAST	F1	444345	IRAK4_HUMAN	F1	33113	gar	2OID	1Q99	2NRY			Sc=6.31892, min distance = 1.960855
SKY1_YEAST	F1	444564	BIOD_ECOLI	Fu	6022	Aden	1DAD	1Q8Y	1BS1	0.91		Sc=5.93898, min distance = 2.353697
SKY1_YEAST	F1	444564	MYS2_DICDI	Fu	5957	Aden	1FMW	1Q97	1W9I	0.91		Sc=5.8788, min distance = 0
SKY1_YEAST	F1	444564	MYS2_DICDI	Fu	6022	Aden	1VOM	1Q8Y	1W9I	0.91		Sc=6.3902, min distance = 2.1382876
SKY1_YEAST	F1	444852	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1Q97	1COW	0.91		Sc=5.69752, min distance = 2.174998
SKY1_YEAST	F1	444852	ATPB_BOVIN	Fu	6022	Aden	2CK3	1Q8Y	1COW	0.9		Sc=5.98974, min distance = 2.017424
SKY1_YEAST	F1	445479	CSK2A_MAIZE	F1	33113	gar	1LP4	1Q99	1F0Q	27.35		Sc=6.21969, min distance = 2.097100
SKY1_YEAST	F1	445840	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1GII	30.75		Sc=6.30498, min distance = 2.025889
SKY1_YEAST	F1	445966	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1H0V	30.75		Sc=6.11725, min distance = 2.215744
SKY1_YEAST	F1	447649	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1OI9	30.75		Sc=6.43768, min distance = 1.931955
SKY1_YEAST	F1	447655	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1OIU	30.75		Sc=6.38992, min distance = 1.826258
SKY1_YEAST	F1	447840	PHKG1_RABIT	F1	5957	Aden	1QL6	1Q97	1PHK	28.3		Sc=5.94856, min distance = 2.656285
SKY1_YEAST	F1	447962	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2C5N	30.75		Sc=6.28322, min distance = 1.325630
SKY1_YEAST	F1	447967	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1PYE	30.75		Sc=6.3457, min distance = 1.8299019

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SKY1_YEAST	F1	448005	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q99	1Q3W	31.32	Sc=6.15767, min distance = 2.238227
SKY1_YEAST	F1	448043	KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q97	1Q8U	28.04	Sc=5.94722, min distance = 2.587548
SKY1_YEAST	F1	448043	ROCK1_HUMAN	F1	33113	gar	2V55	1Q99	3D9V	27.78	Sc=5.91268, min distance = 2.171061
SKY1_YEAST	F1	449087	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1VYW	30.75	Sc=6.28355, min distance = 1.964511
SKY1_YEAST	F1	449240	KAPCA_BOVIN	F1	5957	Aden	1Q24	1Q97	1YDR	28.04	Sc=5.90002, min distance = 2.458648
SKY1_YEAST	F1	5280343	PK3CG_PIG	Fu	5957	Aden	1E8X	1Q97	1E8W		Sc=6.31824, min distance = 2.043705
SKY1_YEAST	F1	5287844	GSK3B_HUMAN	F1	33113	gar	1J1B	1Q99	1UV5	31.32	Sc=6.26411, min distance = 2.044238
SKY1_YEAST	F1	5287845	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2BHE	30.75	Sc=6.20949, min distance = 2.007438
SKY1_YEAST	F1	5288016	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2B53	30.75	Sc=6.06782, min distance = 2.206082
SKY1_YEAST	F1	5288018	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2B52	30.75	Sc=6.49057, min distance = 2.008990
SKY1_YEAST	F1	5288641	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1E9H	30.75	Sc=6.26612, min distance = 2.224988
SKY1_YEAST	F1	5326637	CSK2A_MAIZE	F1	33113	gar	1LP4	1Q99	1M2Q	27.35	Sc=6.17958, min distance = 2.242790
SKY1_YEAST	F1	5326739	GSK3B_HUMAN	F1	33113	gar	1J1B	1Q99	1Q41	31.32	Sc=6.2267, min distance = 1.6256838
SKY1_YEAST	F1	5326739	GSK3B_HUMAN	F1	6022	Aden	1J1C	1Q8Y	1Q41	31.32	Sc=6.3313, min distance = 1.7347048
SKY1_YEAST	F1	5327096	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2BTR	30.75	Sc=6.11818, min distance = 1.956602
SKY1_YEAST	F1	5327121	PIM1_HUMAN	Fu	60961	ade	1YI4	1Q97	2C3I	28.83	Sc=6.08015, min distance = 2.471248
SKY1_YEAST	F1	5327148	IPKA_RABIT	Fu	6022	Aden	1JBP	1Q8Y	2ERZ		Sc=6.11441, min distance = 2.761530
SKY1_YEAST	F1	5331010	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2BKZ	30.75	Sc=6.31836, min distance = 1.469008
SKY1_YEAST	F1	5687	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1DI8	30.75	Sc=6.14629, min distance = 1.708997
SKY1_YEAST	F1	6083	HSP71_HUMAN	F1	6022	Aden	1S3X	1Q8Y	1XQS	0.99	Sc=5.85293, min distance = 2.005641
SKY1_YEAST	F1	6083	PURP_METJA	Fu	6022	Aden	2R7N	1Q8Y	2R7M	0.99	Sc=6.29572, min distance = 2.786360
SKY1_YEAST	F1	611002	PIM1_HUMAN	Fu	33113	gar	1XR1	1Q99	1YXX	28.83	Sc=5.98389, min distance = 1.930735
SKY1_YEAST	F1	6133	CCA_ARCFU	Fu	5957	Aden	1R8B	1Q97	1R8C		Sc=5.82601, min distance = 1.303818
SKY1_YEAST	F1	6176	Q381M1_9TRYP	1	5957	Aden	2Q0D	1Q97	2Q0C		Sc=5.93776, min distance = 2.047185
SKY1_YEAST	F1	6323491	ENPL_CANFA	Fu	33113	gar	2O1U	1Q99	1QY8		Sc=6.28165, min distance = 1.825772
SKY1_YEAST	F1	6338565	MYS2_DICDI	Fu	5957	Aden	1FMW	1Q97	1D1B		Sc=5.8275, min distance = 0
SKY1_YEAST	F1	6420138	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2UUE	30.75	Sc=6.3954, min distance = 1.7310118
SKY1_YEAST	F1	6420139	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2C5V	30.75	Sc=6.25564, min distance = 1.891838
SKY1_YEAST	F1	6539118	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	1FVV	30.75	Sc=6.46262, min distance = 1.716241
SKY1_YEAST	F1	657072	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2BHH	30.75	Sc=6.46095, min distance = 2.195479
SKY1_YEAST	F1	6802	TMPC_TREPA	Fu	60961	ade	2FQY	1Q97	2FQX	0.79	Sc=5.72382, min distance = 2.809618
SKY1_YEAST	F1	6804	NDK_PYRHO	Fu	6022	Aden	2DYA	1Q8Y	2DXF	0.8	Sc=6.33093, min distance = 2.304065
SKY1_YEAST	F1	6830	Q381M1_9TRYP	1	5957	Aden	2Q0D	1Q97	2Q0E	0.8	Sc=5.66233, min distance = 2.650052
SKY1_YEAST	F1	6852187	FGFR2_HUMAN	F1	190	adeni	2Q0B	1Q8Y	2PVY	32.26	Sc=6.01933, min distance = 1.394504
SKY1_YEAST	F1	6852187	O57883_PYRHO	1	5957	Aden	2DTO	1Q97	2DTH		Sc=6.06893, min distance = 2.080972
SKY1_YEAST	F1	6852187	O57883_PYRHO	1	6022	Aden	1WNL	1Q8Y	2DTH	0.89	Sc=6.10392, min distance = 1.576480
SKY1_YEAST	F1	6852201	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	2G9X	30.75	Sc=6.59522, min distance = 2.078958

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SKY1_YEAST	Ft	6918710	5	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	3EJ1	30.75	Sc=6.13298, min distance = 2.31195
SKY1_YEAST	Ft	8977	1dar	O33839_THEMA	l	6022	Aden	1XJK	1Q8Y	1XJE	0.8	Sc=5.92054, min distance = 2.18797
SKY1_YEAST	Ft	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1Q8Y	2ZGY	0.8	Sc=6.41999, min distance = 1.62473
SKY1_YEAST	Ft	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	1Q97	1DAG	0.99	Sc=5.9757, min distance = 2.094840
SKY1_YEAST	Ft	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	1Q8Y	2PUL	0.99	Sc=6.46717, min distance = 2.37888
SKY1_YEAST	Ft	91532	AME	PURT_ECOLI	Fu	33113	gar	1EYZ	1Q99	1KJI	0.99	Sc=5.99034, min distance = 2.25825
SKY1_YEAST	Ft	91532	AME	Q5SJV7_THET8	l	5957	Aden	2Z08	1Q97	2Z09	0.99	Sc=5.95515, min distance = 2.03234
SKY1_YEAST	Ft	9817550	V	CDK2_HUMAN	Fu	6022	Aden	1GY3	1Q8Y	3BHV	30.75	Sc=6.37824, min distance = 2.13202
SLK_HUMAN	Fu	456214	pu	KC1G3_HUMAN	Ft	5330812	C	2CHL	2J51	2IZU		Sc=6.26308, min distance = 1.98214
SLT_ECOLI	Fu	439353	be	LYSC_HUMAN	Fu	24139	ace	1LZR	1QTE	1REZ		Sc=5.70694, min distance = 2.01541
SLYA_SALTY	Ft	3893	lau	ALBU_HUMAN	Fu	338	salic	2I2Z	3DEU	1E7G		Sc=5.8651, min distance = 0.898632
SLYA_SALTY	Ft	39912	ibu	ALBU_HUMAN	Fu	338	salic	2I2Z	3DEU	2BXG		Sc=5.8724, min distance = 1.499586
SMD1_LOXLA	Ft	164795	N	RBCMT_PEA	Fu	23831	HEP	1MLV	1XX1	2H2J		Sc=5.73948, min distance = 2.35943
SMD1_LOXLA	Ft	445939	1c	PPTA_ECOLI	Fu	23831	HEP	1GYX	1XX1	1GYY		Sc=6.03409, min distance = 0.82866
SMD1_LOXLA	Ft	82313	1rc	KRE2_YEAST	Fu	23831	HEP	1S4O	1XX1	1S4N		Sc=6.08319, min distance = 1.07056
SMD1_LOXLA	Ft	854023	Ex	Q8WSF8_APLCA	l	23831	HEP	2BR7	1XX1	2BYQ		Sc=5.98994, min distance = 0.73936
SMUG1_XENLA	l	10918	Car	OCTC_MOUSE	Fu	23831	HEP	1XL7	1OE5	1XL8		Sc=5.80103, min distance = 2.03616
SMUG1_XENLA	l	164795	N	RBCMT_PEA	Fu	23831	HEP	1MLV	1OE5	2H2J		Sc=5.65264, min distance = 2.23027
SMUG1_XENLA	l	62551	Per	Q8WSF8_APLCA	l	23831	HEP	2BR7	1OE5	2BYN		Sc=5.61522, min distance = 2.31699
SND1_HUMAN	Ft	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	3BDL	2H3E		Sc=6.08615, min distance = 0.74529
SND1_HUMAN	Ft	16750041		PYRB_ECOLI	Fu	311	citri	1R0B	3BDL	2IPO		Sc=6.08391, min distance = 0.73070
SND1_HUMAN	Ft	439554	fu	A2NHM3_MOUSE	l	311	citri	1ZEA	3BDL	1CLZ		Sc=5.60768, min distance = 2.35673
SN_MOUSE	Fu	60855	zar	NRAM_I75A5	Fu	444885	O-	1MWE	1QFO	1NNC		Sc=5.60118, min distance = 2.33791
SP2AB_BACST	l	11608401		KAPCA_BOVIN	Ft	5957	Aden	1Q24	1TID	2UVY		Sc=6.28271, min distance = 1.94080
SP2AB_BACST	l	164628	de	PMS2_HUMAN	Fu	6022	Aden	1EA6	1TH8	1H7U		Sc=5.74241, min distance = 2.07193
SP2AB_BACST	l	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	1TID	1W9I	0.91	Sc=6.00774, min distance = 0
SP2AB_BACST	l	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TH8	1CKP		Sc=5.63281, min distance = 1.97904
SP2AB_BACST	l	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	1TH8	1HIY	0.97	Sc=6.00315, min distance = 1.73525
SP2AB_BACST	l	447017	CI	NDKC_DICDI	Fu	6022	Aden	1KDN	1TH8	1LWX		Sc=6.39134, min distance = 2.06699
SP2AB_BACST	l	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1TID	2J9D	0.98	Sc=6.40532, min distance = 1.87039
SP2AB_BACST	l	65051	ddT	NDKC_DICDI	Fu	6022	Aden	1KDN	1TH8	1F3F		Sc=6.42454, min distance = 1.87416
SP2AB_BACST	l	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1TH8	2DXF	0.8	Sc=5.64328, min distance = 2.37863
SP2AB_BACST	l	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1TH8	1QYE	0.89	Sc=6.16992, min distance = 1.96769
SPEE_HUMAN	Ft	24250	Oct	FMS1_YEAST	Fu	1102	sper	3CN8	2007	3BI5		Sc=5.72488, min distance = 1.50727
SPG7_HUMAN	Ft	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2QZ4	1W9I	0.91	Sc=5.68423, min distance = 2.13781
SPG7_HUMAN	Ft	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QZ4	1PXI		Sc=5.73187, min distance = 2.30644
SPG7_HUMAN	Ft	4565	1h1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QZ4	1H1R		Sc=6.09002, min distance = 2.14212

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SPG7_HUMAN	Ft	5957	Ader	HSLU_ECOLI	Fu	6022	Aden	1HQY	2QZ4	1DO0	0.99	Sc=5.78758, min distance = 1.60920
SPG7_HUMAN	Ft	5957	Ader	KTHY_HUMAN	Fu	6022	Aden	1NN3	2QZ4	1E2Q	0.99	Sc=5.71133, min distance = 2.39441
SPG7_HUMAN	Ft	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	2QZ4	1ZYU	0.99	Sc=5.74149, min distance = 2.45602
SPRE_HUMAN	Ft	440141	9i	G6PD_LEUME	Fu	5886	NADF	1H9A	1Z6Z	1E7Y		Sc=6.43626, min distance = 2.24763
SPSA_BACSU	Ft	5789	thyr	RMLA1_ECOLI	Ft	164628	de	1H5T	1H7L	1H5R	0.9	Sc=6.32635, min distance = 0.45564
SPSY_HUMAN	Ft	916	N1-ac	FMS1_YEAST	Fu	1103	sper	1XPQ	3C6M	3CND	0.76	Sc=6.31065, min distance = 1.23991
SQD1_ARATH	Ft	15942690		INHA_MYCTU	Fu	5893	nadi	2H7I	1I24	2NTJ		Sc=6.16383, min distance = 2.10197
SQD1_ARATH	Ft	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1I24	1I3K	0.79	Sc=6.78823, min distance = 2.40894
SQD1_ARATH	Ft	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1I24	1V35	0.79	Sc=6.7805, min distance = 2.03029
SQD1_ARATH	Ft	444427	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1I24	1B15	0.76	Sc=6.82905, min distance = 2.04326
SQD1_ARATH	Ft	444428	CI	ADH_DROLE	Fu	5893	nadi	1SBY	1I24	1B16	0.77	Sc=6.84756, min distance = 2.00887
SQD1_ARATH	Ft	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	1I24	1IHX		Sc=6.79722, min distance = 2.11840
SQD1_ARATH	Ft	449263	IN	INHA_MYCTU	Fu	5893	nadi	2H7I	1I24	2NV6	0.93	Sc=6.86143, min distance = 2.07310
SQD1_ARATH	Ft	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1I24	2BJA		Sc=6.52507, min distance = 1.01892
SRC_CHICK	Fu	11387605		ABL1_HUMAN	Fu	5291	Imat	2HYY	2OIQ	2E2B	48.68	0.9 Sc=6.64931, min distance = 2.13934
SRC_CHICK	Fu	1400	nche	RET_HUMAN	Fu	6083	aden	2IVT	3DQX	2IVV	40.08	Sc=6.09286, min distance = 2.74717
SRC_CHICK	Fu	15342951		PYGM_RABIT	Fu	6083	aden	8GPB	3DQX	3BCR		Sc=6.12546, min distance = 2.22474
SRC_CHICK	Fu	15942672		ABL1_MOUSE	Fu	5291	Imat	1OPJ	2OIQ	2HZN	48.68	Sc=6.33011, min distance = 2.02743
SRC_CHICK	Fu	15991573		LCK_HUMAN	Fu	5291	Imat	2PL0	2OIQ	2OFV	67.17	0.85 Sc=6.49771, min distance = 1.94154
SRC_CHICK	Fu	23536770		LCK_HUMAN	Fu	5291	Imat	2PL0	2OIQ	3BYM	67.17	Sc=6.44296, min distance = 2.38107
SRC_CHICK	Fu	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	3DQX	3C4E	32.35	Sc=5.85128, min distance = 1.13912
SRC_CHICK	Fu	24905144		PK3CG_HUMAN	Ft	24905143	2V4L	3EN7	3ENE		0.77	Sc=6.06808, min distance = 2.47022
SRC_CHICK	Fu	24963038		LCK_HUMAN	Fu	5291	Imat	2PL0	2OIQ	2ZM1	67.17	Sc=6.01519, min distance = 2.60753
SRC_CHICK	Fu	4327	CID4	ABL1_MOUSE	Fu	5291	Imat	1OPJ	2OIQ	1FPU	48.68	0.93 Sc=6.46798, min distance = 2.06706
SRC_CHICK	Fu	448171	CI	LCK_HUMAN	Fu	5291	Imat	2PL0	2OIQ	1QPE	67.17	Sc=6.08249, min distance = 2.64505
SRC_CHICK	Fu	5311104	2	ABL1_HUMAN	Fu	5291	Imat	2HYY	2OIQ	2HZI	48.68	0.76 Sc=6.2507, min distance = 2.69777
SRC_CHICK	Fu	5789	thyr	PYGM_RABIT	Fu	6083	aden	8GPB	3DQX	3BCU		Sc=6.10338, min distance = 2.38168
SRC_CHICK	Fu	6419789	C	HASP_HUMAN	Fu	6083	aden	3DLZ	3DQX	3E7V		Sc=6.13206, min distance = 0.54608
SRC_CHICK	Fu	656965	1y	PDE4D_HUMAN	Ft	6083	aden	1TB7	3DQX	1Y2D		Sc=5.81082, min distance = 2.06056
SRC_HUMAN	Fu	11987888		IRAK4_HUMAN	Ft	33113	gar	2OID	2SRC	2NRU	37.85	Sc=6.56863, min distance = 1.77413
SRC_HUMAN	Fu	1400	nche	HCK_HUMAN	Fu	33113	gar	1AD5	2SRC	1QCF	69.58	Sc=6.10665, min distance = 2.25044
SRC_HUMAN	Fu	16040273		IRAK4_HUMAN	Ft	33113	gar	2OID	2SRC	2OIC	37.85	Sc=6.42105, min distance = 1.20345
SRC_HUMAN	Fu	176870	Er	EGFR_HUMAN	Fu	33113	gar	2ITN	2SRC	1M17	38.4	Sc=6.14101, min distance = 2.01064
SRC_HUMAN	Fu	24779678		CSK2A_MAIZE	Ft	33113	gar	1LP4	2SRC	2PVM	21.98	Sc=6.34382, min distance = 2.62815
SRC_HUMAN	Fu	3064778	H	ROCK1_HUMAN	Ft	33113	gar	2V55	2SRC	2ETK	28.16	Sc=6.01978, min distance = 2.09217
SRC_HUMAN	Fu	3547	Fasu	ROCK1_HUMAN	Ft	33113	gar	2V55	2SRC	2ESM	28.16	Sc=5.90625, min distance = 2.31146
SRC_HUMAN	Fu	3973	nche	PIM1_HUMAN	Fu	33113	gar	1XR1	2SRC	1YI3	33.09	Sc=5.80723, min distance = 2.78206

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SRC_HUMAN	Fu: 444345	1c	IRAK4_HUMAN	Fu: 33113	gar	2OID	2SRC	2NRY	37.85		Sc=6.35898, min distance = 1.708760
SRC_HUMAN	Fu: 444852	CI	ATPB_BOVIN	Fu: 33113	gar	2JDI	2SRC	1COW	0.91		Sc=5.95052, min distance = 2.253320
SRC_HUMAN	Fu: 445479	CI	CSK21_HUMAN	Fu: 33113	gar	2PVR	2SRC	3BQC	22.07		Sc=6.17762, min distance = 2.028200
SRC_HUMAN	Fu: 446721	CI	ASSY_THET8	Fu: 33113	gar	1KOR	2SRC	1KH2	0.93		Sc=6.41999, min distance = 1.902450
SRC_HUMAN	Fu: 448043	2c	ROCK1_HUMAN	Fu: 33113	gar	2V55	2SRC	3D9V	28.16		Sc=5.93028, min distance = 1.929550
SRC_HUMAN	Fu: 51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	104L	1YBA	0.76		Sc=5.6915, min distance = 1.6257140
SRC_HUMAN	Fu: 5281701	T	PIM1_HUMAN	Fu: 33113	gar	1XR1	2SRC	2O65	33.09		Sc=6.26843, min distance = 2.293470
SRC_HUMAN	Fu: 5326637	1	CSK2A_MAIZE	Fu: 33113	gar	1LP4	2SRC	1M2Q	21.98		Sc=6.08711, min distance = 2.437870
SRC_HUMAN	Fu: 5326739	i	GSK3B_HUMAN	Fu: 33113	gar	1J1B	2SRC	1Q41	28.38		Sc=6.26411, min distance = 1.701680
SRC_HUMAN	Fu: 5327121	1	PIM1_HUMAN	Fu: 33113	gar	1XR1	2SRC	2C3I	33.09		Sc=6.19165, min distance = 2.576890
SRC_HUMAN	Fu: 5327148	C	IPKA_RABIT	Fu: 33113	gar	1CDK	2SRC	2ERZ			Sc=6.09374, min distance = 2.128230
SRC_HUMAN	Fu: 611002	Og	PIM1_HUMAN	Fu: 33113	gar	1XR1	2SRC	1YXX	33.09		Sc=6.00528, min distance = 2.490680
SRC_HUMAN	Fu: 91532	AMF	IGF1R_HUMAN	Fu: 33113	gar	1JQH	2SRC	1K3A	41.13	0.99	Sc=5.96991, min distance = 1.907540
SRC_HUMAN	Fu: 9548003	C	KC1G3_HUMAN	Fu: 456214	pu	2IZU	1YOM	2IZT	28.95	0.9	Sc=6.05908, min distance = 2.492260
SRP54_PYRFU	1	37792	gar	GNA13_MOUSE	Fu: 8977	1dar	1ZCB	3DM5	3CX8	0.99	Sc=6.51613, min distance = 2.107020
SRP54_PYRFU	1	37792	gar	RHOA_HUMAN	Fu: 8977	1dar	1TX4	3DM5	1CXZ	0.99	Sc=6.51314, min distance = 2.067750
SRP54_PYRFU	1	444148	1a	RHA1_ARATH	Fu: 8977	1dar	2EFC	3DM5	2EFE	0.99	Sc=6.10549, min distance = 1.950030
SRP54_PYRFU	1	446248	CI	RASH_HUMAN	Fu: 8977	1dar	2CE2	3DM5	1IAQ		Sc=6.51667, min distance = 2.000110
SRP54_PYRFU	1	447979	5G	KGUA_ECOLI	Fu: 8977	1dar	2AN9	3DM5	2ANB		Sc=6.03431, min distance = 2.052230
SRP54_PYRFU	1	448405	CI	ARF1_RAT	Full-	8977	1dar	1RRG	3DM5	1RRF	Sc=6.09172, min distance = 2.423480
SRP54_PYRFU	1	6804	guar	TGM3_HUMAN	Fu: 8977	1dar	1VJJ	3DM5	1SGX	0.99	Sc=6.04151, min distance = 2.282250
SRP54_PYRFU	1	8582	Inos	PURA1_MOUSE	Fu: 8977	1dar	1LON	3DM5	1IWE	0.99	Sc=6.01245, min distance = 2.808340
SRP54_PYRFU	1	93082	Gak	CDC42_HUMAN	Fu: 8977	1dar	2NGR	3DM5	2ODB	0.99	Sc=6.54919, min distance = 2.192670
SRP54_PYRFU	1	93082	Gak	FTSY_THEAQ	Fu: 8977	1dar	2IYL	3DM5	1RJ9	0.99	Sc=6.58026, min distance = 2.013180
SRP54_THEAQ	1	444845	1c	RASH_HUMAN	Fu: 36735	Gpp	1CTQ	1JPN	1CLU	0.99	Sc=6.20014, min distance = 2.096910
SRP54_THEAQ	1	446248	CI	RASH_HUMAN	Fu: 36735	Gpp	1CTQ	1JPN	1IAQ		Sc=6.12751, min distance = 2.116280
SRPB_YEAST	Fu: 445871	CI	RASH_HUMAN	Fu: 6830	guan	2CL7	1NRJ	1GNP			Sc=5.66171, min distance = 2.148080
SRPB_YEAST	Fu: 8582	Inos	PURA1_MOUSE	Fu: 6830	guan	1LOO	1NRJ	1IWE	0.98		Sc=5.98059, min distance = 2.408820
SRPK1_HUMAN	1	16040273		IRAK4_HUMAN	Fu: 33113	gar	2OID	3BEG	2OIC		Sc=6.25796, min distance = 2.033380
SRPK1_HUMAN	1	1707	1fvt	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1WBP	1FVT	30.13	Sc=5.99436, min distance = 2.857950
SRPK1_HUMAN	1	23653515		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1WBP	2R3F	30.13	Sc=5.83192, min distance = 2.018310
SRPK1_HUMAN	1	2608	1jsv	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1WBP	1JSV	30.13	Sc=5.64093, min distance = 2.983460
SRPK1_HUMAN	1	444345	1c	IRAK4_HUMAN	Fu: 33113	gar	2OID	3BEG	2NRY		Sc=6.23819, min distance = 2.716800
SRPK1_HUMAN	1	445966	06	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1WBP	1H0V	30.13	Sc=5.93107, min distance = 3.280910
SRPK1_HUMAN	1	446721	CI	ASSY_THET8	Fu: 33113	gar	1KOR	3BEG	1KH2	0.93	Sc=5.66827, min distance = 1.869910
SRPK1_HUMAN	1	447654	CI	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1WBP	1OIT	30.13	Sc=6.09572, min distance = 2.989400
SRPK1_HUMAN	1	447656	1c	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1WBP	1OII	30.13	Sc=6.15674, min distance = 2.143220

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SRPK1_HUMAN	1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	1E1V	30.13	Sc=5.91048, min distance = 2.861556
SRPK1_HUMAN	1	5287844	1	GSK3B_HUMAN	Fu	6022	Aden	1J1C	1WBP	1UV5	30.06	Sc=6.18028, min distance = 2.024866
SRPK1_HUMAN	1	5288641	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	1E9H	30.13	Sc=6.14251, min distance = 1.738674
SRPK1_HUMAN	1	5288711	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	1KE8	30.13	Sc=6.14601, min distance = 2.057952
SRPK1_HUMAN	1	5288712	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	1KE9	30.13	Sc=6.14942, min distance = 2.862125
SRPK1_HUMAN	1	5326739	1	GSK3B_HUMAN	Fu	6022	Aden	1J1C	1WBP	1Q41	30.06	Sc=6.14942, min distance = 1.777098
SRPK1_HUMAN	1	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	2BTS	30.13	Sc=5.73364, min distance = 2.631554
SRPK1_HUMAN	1	5327133	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	2C6K	30.13	Sc=5.89911, min distance = 2.405464
SRPK1_HUMAN	1	5687	1di8	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	1DI8	30.13	Sc=5.95189, min distance = 2.365805
SRPK1_HUMAN	1	6420139	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	2C5V	30.13	Sc=6.09535, min distance = 1.196275
SRPK1_HUMAN	1	6539118	0	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	1FVV	30.13	Sc=6.40242, min distance = 1.797735
SRPK1_HUMAN	1	9991833	9	CDK2_HUMAN	Fu	6022	Aden	1GY3	1WBP	2R3H	30.13	Sc=6.02647, min distance = 1.609690
SRPRB_MOUSE	1	445871	CI	RASH_HUMAN	Fu	6830	guan	2CL7	2FH5	1GNP		Sc=5.75206, min distance = 2.451460
SRPRB_MOUSE	1	8582	Inos	PURA1_MOUSE	Fu	6830	guan	1LOO	2FH5	1IWE	0.98	Sc=6.36681, min distance = 2.528540
SRXN1_HUMAN	1	11608401	1	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CYI	2UVY		Sc=5.86018, min distance = 2.664885
SRXN1_HUMAN	1	188966	da	PAPS1_HUMAN	Fu	6022	Aden	1X6V	1XW4	2PEZ	0.98	Sc=5.80138, min distance = 2.275695
SRXN1_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3CYI	1Q8W		Sc=5.64806, min distance = 2.370360
SRXN1_HUMAN	1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1XW4	1GZ8		Sc=6.04091, min distance = 2.093680
SRXN1_HUMAN	1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1XW4	1H0V		Sc=5.75465, min distance = 2.407230
SRXN1_HUMAN	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1XW4	1H1R		Sc=6.13447, min distance = 2.303970
SRXN1_HUMAN	1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1XW4	1H1S		Sc=6.10585, min distance = 2.459245
SRXN1_HUMAN	1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	3CYI	2R85	0.98	Sc=5.79706, min distance = 2.221795
SRXN1_HUMAN	1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	3CYI	2Q0E	0.8	Sc=5.94185, min distance = 2.106798
SRXN1_HUMAN	1	91532	AME	MTNK_BACSU	Fu	6022	Aden	2OLC	1XW4	2PUL	0.99	Sc=5.64397, min distance = 2.190915
ST1A1_HUMAN	1	69275	4-N	GCAA_MOUSE	Fu	980	p-nit	1YEK	1LS6	1YEG	0.77	Sc=5.71609, min distance = 2.791765
ST1A1_HUMAN	1	69275	4-N	Q58EU8_MOUSE	1	980	p-nit	1YEK	1LS6	1YEG	0.77	Sc=5.71778, min distance = 2.768925
ST1B1_HUMAN	1	10831270	1	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	3CN3		Sc=5.68608, min distance = 2.185518
ST1B1_HUMAN	1	23722943	1	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	2QGD		Sc=5.89392, min distance = 2.154680
ST1B1_HUMAN	1	23722944	1	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	2QGE		Sc=5.77963, min distance = 1.940115
ST1B1_HUMAN	1	243556	NS	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	3CN2		Sc=5.66744, min distance = 2.060978
ST1B1_HUMAN	1	25011740	1	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	3CN1		Sc=5.75804, min distance = 2.393438
ST1B1_HUMAN	1	3371	fluf	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	1BM7		Sc=6.06153, min distance = 2.794185
ST1B1_HUMAN	1	4369477	1	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	1U21		Sc=6.07476, min distance = 2.070948
ST1B1_HUMAN	1	5327159	2	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	2F7I		Sc=5.85308, min distance = 2.456282
ST1B1_HUMAN	1	72099	flu	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	1DVT		Sc=5.93224, min distance = 2.239885
ST1B1_HUMAN	1	8631	3,5-	TTHY_HUMAN	Fu	445154	re	1DVS	3CKL	3B56		Sc=5.61217, min distance = 2.482995
ST1C2_HUMAN	1	66535	3'	RNAS1_BOVIN	Fu	159296	1v	100F	3BFX	1RPF		Sc=6.26155, min distance = 2.027375

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ST1C3_HUMAN	1	656955	Cl	Q26490_SPOFR	1	159296	1v	1X8L	2REO	1X8K	Sc=5.6696, min distance = 1.7031109
ST1E1_HUMAN	1	20284644		TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	2QGC	Sc=5.78113, min distance = 2.316549
ST1E1_HUMAN	1	23722943		TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	2QGD	Sc=5.8461, min distance = 2.4567620
ST1E1_HUMAN	1	23722944		TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	2QGE	Sc=5.78417, min distance = 2.367000
ST1E1_HUMAN	1	25011739		TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	3CN0	Sc=5.7829, min distance = 2.6518829
ST1E1_HUMAN	1	25011740		TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	3CN1	Sc=5.70849, min distance = 2.542859
ST1E1_HUMAN	1	3371	flu	TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	1BM7	Sc=5.87826, min distance = 2.599747
ST1E1_HUMAN	1	448734	Cl	TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	1TLM	Sc=6.0763, min distance = 2.1825118
ST1E1_HUMAN	1	5327160	2	TTHY_HUMAN	Fu:	97032	1g3	2G5U	1G3M	2F8I	Sc=6.0305, min distance = 1.9989036
ST1E1_MOUSE	1	222865	Ar	DHB1_HUMAN	Fu:	5757	estr	1FDS	1AQU	1QYW	Sc=6.00975, min distance = 2.109408
ST1E1_MOUSE	1	5478840	C	ESR1_HUMAN	Fu:	5757	estr	1QKT	1AQU	1R5K	Sc=6.08243, min distance = 2.212749
ST1E1_MOUSE	1	6128	andr	DHB1_HUMAN	Fu:	5757	estr	1FDS	1AQU	1QYX	Sc=6.01638, min distance = 2.143820
ST1E1_MOUSE	1	6542593	1	ESR1_HUMAN	Fu:	5757	estr	1QKT	1AQU	1ZKY	Sc=5.91491, min distance = 2.412282
STK16_HUMAN	1	10224714		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	3DDP	Sc=6.26586, min distance = 2.156390
STK16_HUMAN	1	11957417		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	2I40	Sc=6.22195, min distance = 2.048240
STK16_HUMAN	1	160355	rd	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	3DDQ	Sc=6.05503, min distance = 2.526172
STK16_HUMAN	1	16122608		PDPK1_HUMAN	Fu:	444345	1c	1OKY	2BUJ	2PE1	Sc=6.21515, min distance = 2.592578
STK16_HUMAN	1	16122643		CHK1_HUMAN	Fu:	444345	1c	1NVR	2BUJ	2YWP	Sc=6.11441, min distance = 2.764899
STK16_HUMAN	1	16214826		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	2UZL	Sc=5.8119, min distance = 2.3451440
STK16_HUMAN	1	1707	1fvt	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	1FVT	Sc=5.93852, min distance = 2.199620
STK16_HUMAN	1	17751819		KAPCA_BOVIN	Fu:	444345	1c	1STC	2BUJ	2VO6	Sc=6.20786, min distance = 2.103280
STK16_HUMAN	1	1907917	2	CHK1_HUMAN	Fu:	444345	1c	1NVR	2BUJ	2CGW	Sc=5.96342, min distance = 2.640768
STK16_HUMAN	1	23653515		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	2R3F	Sc=5.93199, min distance = 1.909792
STK16_HUMAN	1	23653519		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	2R3K	Sc=5.94853, min distance = 3.060612
STK16_HUMAN	1	23653524		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	2R3P	Sc=5.92903, min distance = 2.114059
STK16_HUMAN	1	23657800		CHK1_HUMAN	Fu:	444345	1c	1NVR	2BUJ	2E9P	Sc=6.09201, min distance = 2.354599
STK16_HUMAN	1	23727982		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	3BHU	Sc=6.08675, min distance = 2.782474
STK16_HUMAN	1	24851689		PIM1_HUMAN	Fu:	444345	1c	1YHS	2BUJ	3CY2	Sc=6.06903, min distance = 2.242428
STK16_HUMAN	1	24905144		PK3CG_HUMAN	Fu:	444345	1c	1E8Z	2BUJ	3ENE	Sc=5.98509, min distance = 2.624958
STK16_HUMAN	1	24916751		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	3DOG	Sc=6.03481, min distance = 2.030307
STK16_HUMAN	1	3543	1g5s	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	1G5S	Sc=6.25708, min distance = 3.071597
STK16_HUMAN	1	3547	Fasu	KAPCA_BOVIN	Fu:	444345	1c	1STC	2BUJ	1Q8W	Sc=5.81821, min distance = 2.711697
STK16_HUMAN	1	4369136	C	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	1DM2	Sc=5.9194, min distance = 3.1247169
STK16_HUMAN	1	447655	1c	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	1OIU	Sc=6.03896, min distance = 2.833168
STK16_HUMAN	1	447766	1g	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	1P2A	Sc=6.04123, min distance = 3.046950
STK16_HUMAN	1	449240	1y	KAPCA_BOVIN	Fu:	444345	1c	1STC	2BUJ	1YDR	Sc=5.82646, min distance = 2.554160
STK16_HUMAN	1	4566	1h1s	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2BUJ	1H1S	Sc=6.06083, min distance = 2.336198

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STK16_HUMAN	1	5327123	CHK1_HUMAN	Fu	444345	1c	1NVR	2BUJ	2C3L	Sc=6.08853, min distance = 2.497035
STK16_HUMAN	1	5327134	CDK2_HUMAN	Fu	444345	1c	1AQ1	2BUJ	2C6L	Sc=5.95881, min distance = 2.014862
STK16_HUMAN	1	5494414	CDK2_HUMAN	Fu	444345	1c	1AQ1	2BUJ	2A0C	Sc=6.1107, min distance = 2.0234820
STK16_HUMAN	1	6540273	CHK1_HUMAN	Fu	444345	1c	1NVR	2BUJ	2CGV	Sc=6.1331, min distance = 2.4146538
STK16_HUMAN	1	6852207	KAPCA_BOVIN	Fu	444345	1c	1STC	2BUJ	2GNI	Sc=5.78427, min distance = 1.994300
STK16_HUMAN	1	9547890	CDK2_HUMAN	Fu	444345	1c	1AQ1	2BUJ	1W8C	Sc=5.88902, min distance = 2.934480
STK24_HUMAN	1	10138993	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2R64	Sc=6.35379, min distance = 2.603670
STK24_HUMAN	1	11175137	KAPCA_BOVIN	Fu	444345	1c	1STC	3CKX	2UW7	Sc=6.15943, min distance = 2.084885
STK24_HUMAN	1	11348631	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2E9U	Sc=6.213, min distance = 2.51443670
STK24_HUMAN	1	11553058	LCK_HUMAN	Fu	444345	1c	1QPD	3CKX	2OF2	Sc=6.17235, min distance = 2.574045
STK24_HUMAN	1	11690363	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2HY0	Sc=6.46733, min distance = 2.333332
STK24_HUMAN	1	11696113	KAPCA_BOVIN	Fu	444345	1c	1STC	3CKX	2VO3	Sc=6.2945, min distance = 2.3093862
STK24_HUMAN	1	11957417	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2I40	Sc=6.27165, min distance = 2.268885
STK24_HUMAN	1	11992146	MAPK2_HUMAN	Fu	444345	1c	2PZY	3CKX	2P3G	Sc=6.18239, min distance = 2.359056
STK24_HUMAN	1	15602982	KAPCA_BOVIN	Fu	444345	1c	1STC	3CKX	2UW6	Sc=6.0291, min distance = 2.3937892
STK24_HUMAN	1	15991572	LCK_HUMAN	Fu	444345	1c	1QPD	3CKX	2OF4	Sc=6.11959, min distance = 2.615280
STK24_HUMAN	1	16058617	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2HOG	Sc=6.27661, min distance = 2.340556
STK24_HUMAN	1	16122608	PDPK1_HUMAN	Fu	444345	1c	1OKY	3CKX	2PE1	Sc=6.32546, min distance = 2.590195
STK24_HUMAN	1	16122643	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2YWP	Sc=6.26451, min distance = 2.461265
STK24_HUMAN	1	16214823	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2UZB	Sc=6.06162, min distance = 2.323327
STK24_HUMAN	1	16214825	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2UZE	Sc=6.2412, min distance = 2.7609862
STK24_HUMAN	1	16214826	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2UZL	Sc=6.10957, min distance = 2.620218
STK24_HUMAN	1	17754396	PDPK1_HUMAN	Fu	444345	1c	1OKY	3CKX	2R7B	Sc=6.17434, min distance = 2.238940
STK24_HUMAN	1	1907917	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2CGW	Sc=6.09606, min distance = 2.771178
STK24_HUMAN	1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2R3F	Sc=5.8908, min distance = 2.5898580
STK24_HUMAN	1	23653516	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2R3G	Sc=6.09239, min distance = 2.839480
STK24_HUMAN	1	23653519	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2R3K	Sc=6.17941, min distance = 2.389205
STK24_HUMAN	1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2E9P	Sc=6.24785, min distance = 2.458864
STK24_HUMAN	1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	3BHU	Sc=6.22653, min distance = 2.362737
STK24_HUMAN	1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2QHM	Sc=6.02723, min distance = 2.784810
STK24_HUMAN	1	24864081	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2VTS	Sc=6.24065, min distance = 2.144466
STK24_HUMAN	1	24905143	PK3CG_HUMAN	Fu	444345	1c	1E8Z	3CKX	2V4L	Sc=5.98578, min distance = 2.904402
STK24_HUMAN	1	24905144	PK3CG_HUMAN	Fu	444345	1c	1E8Z	3CKX	3ENE	Sc=6.17468, min distance = 2.733750
STK24_HUMAN	1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	3DOG	Sc=6.13165, min distance = 2.219114
STK24_HUMAN	1	25021197	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	3EOC	Sc=6.08746, min distance = 2.602747
STK24_HUMAN	1	3543	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1G5S	Sc=6.33465, min distance = 2.184806
STK24_HUMAN	1	4369136	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1DM2	Sc=6.17697, min distance = 2.809815

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STK24_HUMAN	1	447649	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1OI9	Sc=6.32006, min distance = 2.723804	
STK24_HUMAN	1	447652	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1OIQ	Sc=6.0664, min distance = 2.2836904	
STK24_HUMAN	1	447654	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1OIT	Sc=6.14399, min distance = 2.0016394	
STK24_HUMAN	1	447655	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1OIU	Sc=6.23906, min distance = 2.8058684	
STK24_HUMAN	1	447962	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2C5N	Sc=6.07393, min distance = 2.1641814	
STK24_HUMAN	1	448008	1c	GSK3B_HUMAN	Fu	444345	1c	1Q3D	3CKX	1Q4L	Sc=6.39098, min distance = 2.2695114	
STK24_HUMAN	1	448043	1c	KAPCA_BOVIN	Fu	444345	1c	1STC	3CKX	1Q8U	Sc=5.9487, min distance = 2.5580834	
STK24_HUMAN	1	456214	1c	KS6A1_HUMAN	Fu	444345	1c	2Z7R	3CKX	2Z7S	Sc=6.28187, min distance = 2.0858304	
STK24_HUMAN	1	4565	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1H1R	Sc=6.2183, min distance = 2.82874684	
STK24_HUMAN	1	4566	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1H1S	Sc=6.26689, min distance = 2.1545194	
STK24_HUMAN	1	5288710	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1KE7	Sc=6.32423, min distance = 2.0519004	
STK24_HUMAN	1	5326844	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1URW	Sc=6.36494, min distance = 2.2640684	
STK24_HUMAN	1	5327123	1c	CHK1_HUMAN	Fu	444345	1c	1NVR	3CKX	2C3L	Sc=6.13979, min distance = 2.3311784	
STK24_HUMAN	1	5331010	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2BKZ	Sc=6.18949, min distance = 2.3361904	
STK24_HUMAN	1	5494414	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2A0C	Sc=6.25962, min distance = 2.5301824	
STK24_HUMAN	1	5687	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1DI8	Sc=6.12147, min distance = 2.4493754	
STK24_HUMAN	1	5957	1c	PDPK1_HUMAN	Fu	444345	1c	1OKY	3CKX	2BIY	Sc=5.96765, min distance = 2.2839004	
STK24_HUMAN	1	6022	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1GY3	Sc=6.34028, min distance = 2.1594654	
STK24_HUMAN	1	60961	1c	PIM1_HUMAN	Fu	444345	1c	1YHS	3CKX	1YI4	Sc=6.10571, min distance = 2.8391574	
STK24_HUMAN	1	6102670	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1YKR	Sc=6.25433, min distance = 2.0215904	
STK24_HUMAN	1	6420138	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2UUE	Sc=6.23388, min distance = 2.1681304	
STK24_HUMAN	1	6420139	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	2C5V	Sc=6.06808, min distance = 2.2447124	
STK24_HUMAN	1	6852207	1c	KAPCA_BOVIN	Fu	444345	1c	1STC	3CKX	2GNI	Sc=5.90464, min distance = 2.2646304	
STK24_HUMAN	1	72271	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1PKD	Sc=6.42978, min distance = 2.4093304	
STK24_HUMAN	1	9547890	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	1W8C	Sc=6.09644, min distance = 2.1259684	
STK24_HUMAN	1	9817550	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	3CKX	3BHV	Sc=6.2737, min distance = 2.7316734	
STK6_HUMAN	Fu	11268094	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2VTQ	36.67	Sc=6.39204, min distance = 1.7598774
STK6_HUMAN	Fu	11338033	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2VU3	36.67	Sc=6.3929, min distance = 1.8932934
STK6_HUMAN	Fu	16040273	1c	IRAK4_HUMAN	Fu	33113	gar	2OID	2DWB	2OIC	30.36	Sc=6.41868, min distance = 0.5236224
STK6_HUMAN	Fu	16058649	1c	IGF1R_HUMAN	Fu	33113	gar	1JQH	2DWB	2OJ9	23.57	Sc=6.49181, min distance = 2.3612354
STK6_HUMAN	Fu	16113377	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2W17	36.67	Sc=6.42888, min distance = 2.0507144
STK6_HUMAN	Fu	23656870	1c	CSK2A_MAIZE	Fu	33113	gar	1LP4	2DWB	2PVN	29.87	Sc=6.46139, min distance = 2.1812284
STK6_HUMAN	Fu	23727981	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	3BHT	36.67	Sc=6.23538, min distance = 1.9899984
STK6_HUMAN	Fu	23727982	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	3BHU	36.67	Sc=6.27983, min distance = 1.5476544
STK6_HUMAN	Fu	24756824	1c	CSK2A_MAIZE	Fu	33113	gar	1LP4	2DWB	3BE9	29.87	Sc=6.45088, min distance = 2.4283594
STK6_HUMAN	Fu	24779674	1c	CSK2A_MAIZE	Fu	33113	gar	1LP4	2DWB	2PVH	29.87	Sc=6.24683, min distance = 2.5126544
STK6_HUMAN	Fu	24779676	1c	CSK2A_MAIZE	Fu	33113	gar	1LP4	2DWB	2PVK	29.87	Sc=6.29838, min distance = 2.0998864

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STK6_HUMAN	F1	24779677	CSK2A_MAIZE	F1	33113	gar	1LP4	2DWB	2PVL	29.87		Sc=6.17722, min distance = 2.121090
STK6_HUMAN	F1	24864080	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2VTR	36.67		Sc=5.91029, min distance = 2.658246
STK6_HUMAN	F1	24864081	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2VTS	36.67		Sc=6.20726, min distance = 2.395579
STK6_HUMAN	F1	24864082	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2VTT	36.67		Sc=6.38914, min distance = 1.957449
STK6_HUMAN	F1	24892817	FAK1_CHICK	Fu	33113	gar	2J0L	2DWB	2JKM	31.17		Sc=6.34312, min distance = 2.342144
STK6_HUMAN	F1	24892818	FAK1_CHICK	Fu	33113	gar	2J0L	2DWB	2JKO	31.17		Sc=6.42941, min distance = 2.318877
STK6_HUMAN	F1	24916751	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	3DOG	36.67		Sc=6.42367, min distance = 0.816609
STK6_HUMAN	F1	25021197	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	3EOC	36.67		Sc=6.28504, min distance = 1.264080
STK6_HUMAN	F1	3064778	ROCK1_HUMAN	F1	33113	gar	2V55	2DWB	2ETK	37.04		Sc=6.03643, min distance = 2.511970
STK6_HUMAN	F1	3543	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	1G5S	36.67		Sc=6.47764, min distance = 1.737162
STK6_HUMAN	F1	3547	ROCK1_HUMAN	F1	33113	gar	2V55	2DWB	2ESM	37.04		Sc=5.90944, min distance = 2.697596
STK6_HUMAN	F1	36735	CSK2A_MAIZE	F1	33113	gar	1LP4	2DWB	1DAY	29.87	0.8	Sc=5.70549, min distance = 2.528220
STK6_HUMAN	F1	3973	PIM1_HUMAN	Fu	33113	gar	1XR1	2DWB	1YI3	36.67		Sc=5.86769, min distance = 2.351159
STK6_HUMAN	F1	444345	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	1AQ1	36.67		Sc=6.35839, min distance = 2.371970
STK6_HUMAN	F1	444367	CSK2A_MAIZE	F1	33113	gar	1LP4	2DWB	1OM1	29.87		Sc=6.1207, min distance = 2.052015
STK6_HUMAN	F1	444564	BIOD_ECOLI	Fu	6022	Aden	1DAD	1MQ4	1BS1		0.91	Sc=5.91571, min distance = 2.472704
STK6_HUMAN	F1	448005	GSK3B_HUMAN	F1	33113	gar	1J1B	2DWB	1Q3W	37.24		Sc=6.23123, min distance = 2.632638
STK6_HUMAN	F1	448043	ROCK1_HUMAN	F1	33113	gar	2V55	2DWB	3D9V	37.04		Sc=5.97219, min distance = 2.442580
STK6_HUMAN	F1	5287844	GSK3B_HUMAN	F1	33113	gar	1J1B	2DWB	1UV5	37.24		Sc=6.28232, min distance = 2.366220
STK6_HUMAN	F1	5287845	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2BHE	36.67		Sc=6.20072, min distance = 2.356140
STK6_HUMAN	F1	5326978	CSK2A_MAIZE	F1	33113	gar	1LP4	2DWB	1ZOH	29.87		Sc=5.61897, min distance = 2.120900
STK6_HUMAN	F1	5327121	PIM1_HUMAN	Fu	33113	gar	1XR1	2DWB	2C3I	36.67		Sc=6.10304, min distance = 2.280120
STK6_HUMAN	F1	5327148	IPKA_RABIT	Fu	33113	gar	1CDK	2DWB	2ERZ			Sc=6.12521, min distance = 2.402186
STK6_HUMAN	F1	5327148	IPKA_RABIT	Fu	6022	Aden	1JBP	1MQ4	2ERZ			Sc=6.14361, min distance = 2.446138
STK6_HUMAN	F1	5494414	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2A0C	36.67		Sc=6.45088, min distance = 2.090568
STK6_HUMAN	F1	5957	MALK_ECOLI	Fu	6022	Aden	2AWN	1MQ4	1Q12		0.99	Sc=5.94375, min distance = 1.456982
STK6_HUMAN	F1	5957	RK_BOVIN	Full	6022	Aden	3C4Z	1MQ4	3C4W		0.99	Sc=5.96008, min distance = 2.275485
STK6_HUMAN	F1	5957	SECA_ECOLI	Fu	6022	Aden	2FSI	1MQ4	2FSG		0.99	Sc=5.98576, min distance = 2.041792
STK6_HUMAN	F1	657135	PIM1_HUMAN	Fu	60961	ade	1YI4	1MUO	1YXV	36.67		Sc=5.80437, min distance = 2.837212
STK6_HUMAN	F1	6918710	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	3EJ1	36.67		Sc=6.13164, min distance = 2.141964
STK6_HUMAN	F1	91532	MTNK_BACSU	Fu	6022	Aden	2OLC	1MQ4	2PUL		0.99	Sc=6.45122, min distance = 2.307766
STK6_HUMAN	F1	91532	PURT_ECOLI	Fu	33113	gar	1EYZ	2DWB	1KJI		0.99	Sc=5.99829, min distance = 2.202170
STK6_HUMAN	F1	9549254	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	2IW6	36.67		Sc=6.49398, min distance = 1.877127
STK6_HUMAN	F1	97184	DEOD_ECOLI	Fu	60961	ade	1PK7	1MUO	1OVG		0.9	Sc=6.06876, min distance = 2.794720
STK6_HUMAN	F1	9817550	CDK2_HUMAN	Fu	6022	Aden	1GY3	1MQ4	3BHV	36.67		Sc=6.37697, min distance = 2.234385
STS_HUMAN	Fu	1829	PTN1_HUMAN	Fu	62852	B-C	2CMB	1P49	1ECV			Sc=6.01196, min distance = 2.100545
STXA_BP933	F1	11979	COBT_SALTY	Fu	190	adeni	1JH8	2GA4	1JHM			Sc=5.73139, min distance = 2.206012

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STXA_BP933	F1	444632	ne	RICI_RICCO	Fu:	190	adeni	2P8N	2GA4	1BR5		Sc=5.87072, min distance = 2.431750
STXA_BP933	F1	5287547	6	PURR_ECOLI	Fu:	190	adeni	2PUB	2GA4	2PUA	0.9	Sc=5.82954, min distance = 2.718068
STXA_BP933	F1	5287830	6	Q8RLY5_LACHE	1	190	adeni	1S2D	2GA4	1S2I	0.93	Sc=5.7478, min distance = 1.7481564
STXA_BP933	F1	78598	5-M	COBT_SALTY	Fu:	190	adeni	1JH8	2GA4	1JHP		Sc=5.77879, min distance = 2.092121
STXA_BP933	F1	790	hypox	PURR_ECOLI	Fu:	190	adeni	2PUB	2GA4	1JFT		Sc=5.80063, min distance = 2.780892
STXA_BP933	F1	96253	7-D	RICI_RICCO	Fu:	190	adeni	2P8N	2GA4	1IL3		Sc=5.92893, min distance = 2.078321
STXB_BPH30	F1	657081	CI	LEG3_HUMAN	Fu:	439353	be	1KJL	2C5C	1KJR		Sc=5.62287, min distance = 1.603898
SUBT_BACAM	F1	447285	OA	Q53908_STRCO	1	17472	Hex	1N5Q	1TMG	1N5T		Sc=6.07405, min distance = 2.177801
SUCB2_PIG	Fu:	447979	5C	KGUA_ECOLI	Fu:	8977	ldar	2AN9	2FPG	2ANB		Sc=5.605, min distance = 2.28145260
SUCB2_PIG	Fu:	6022	Ader	O33839_THEMA	1	8977	ldar	1XJE	2FPG	1XJK	0.8	Sc=5.81781, min distance = 1.849024
SUCB2_PIG	Fu:	6022	Ader	PARM_ECOLX	Fu:	8977	ldar	2ZGY	2FPG	1MWM	0.8	Sc=5.97133, min distance = 2.120402
SUCB2_PIG	Fu:	6022	Ader	RIR1_YEAST	Fu:	8977	ldar	2CVW	2FPG	2CVX	0.8	Sc=5.67524, min distance = 2.092674
SUCC_ECOLI	F1	11957393		FAK1_HUMAN	Fu:	6022	Aden	1MP8	1CQI	2ETM		Sc=6.1464, min distance = 2.4433088
SUCC_ECOLI	F1	1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1H1Q		Sc=6.2183, min distance = 1.6644722
SUCC_ECOLI	F1	24864081		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	2VTS		Sc=6.23525, min distance = 2.140875
SUCC_ECOLI	F1	2608	1jsv	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1JSV		Sc=5.9527, min distance = 1.8957982
SUCC_ECOLI	F1	444564	AI	MYS2_DICDI	Fu:	6022	Aden	1VOM	1CQI	1W9I	0.91	Sc=5.89518, min distance = 2.152126
SUCC_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu:	6022	Aden	2CK3	1CQI	1COW	0.9	Sc=6.04659, min distance = 2.003171
SUCC_ECOLI	F1	445840	di	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1GII		Sc=6.23178, min distance = 1.889784
SUCC_ECOLI	F1	447654	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1OIT		Sc=6.0933, min distance = 2.0615741
SUCC_ECOLI	F1	447655	1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1OIU		Sc=6.19783, min distance = 1.661756
SUCC_ECOLI	F1	447821	CI	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1PF8		Sc=6.15602, min distance = 1.855028
SUCC_ECOLI	F1	447916	ac	RIO1_ARCFU	Fu:	6022	Aden	1ZTH	1CQI	1ZTF	0.95	Sc=6.13801, min distance = 2.962471
SUCC_ECOLI	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1H1R		Sc=6.19914, min distance = 1.753164
SUCC_ECOLI	F1	4566	1h1s	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	1H1S		Sc=6.21571, min distance = 1.566657
SUCC_ECOLI	F1	5327097	2	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	2BTS		Sc=5.85897, min distance = 1.932259
SUCC_ECOLI	F1	5327132	C	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1CQI	2C6I		Sc=6.21699, min distance = 1.452210
SUCC_ECOLI	F1	5957	Ader	MUTS_ECOLI	Fu:	6022	Aden	1OH7	1CQI	1W7A	0.99	Sc=6.072, min distance = 1.72251471
SUCC_ECOLI	F1	5957	Ader	PUR7_METJA	Fu:	6022	Aden	2YZL	1CQI	2Z02	0.99	Sc=5.96842, min distance = 2.010664
SUCC_ECOLI	F1	5957	Ader	PURP_METJA	Fu:	6022	Aden	2R7N	1CQI	2R7L	0.99	Sc=5.95237, min distance = 2.164971
SUCC_ECOLI	F1	5957	Ader	RK_BOVIN	Full:	6022	Aden	3C4Z	1CQI	3C4W	0.99	Sc=6.41454, min distance = 2.338122
SUCC_ECOLI	F1	6031	Uric	O33839_THEMA	1	6022	Aden	1XJK	1CQI	1XJG		Sc=5.8173, min distance = 2.0838075
SUCC_ECOLI	F1	6031	Uric	RIR1_YEAST	Fu:	6022	Aden	2CVX	1CQI	2CVV		Sc=5.82282, min distance = 2.168698
SUCC_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1CQI	1XQS	0.99	Sc=6.26011, min distance = 1.904369
SUCC_ECOLI	F1	6083	ader	PURP_METJA	Fu:	6022	Aden	2R7N	1CQI	2R7M	0.99	Sc=6.28562, min distance = 2.586159
SUCC_ECOLI	F1	60961	ade	IPKA_RABIT	Fu:	6022	Aden	1JBP	1CQI	1FMO	0.95	Sc=6.07256, min distance = 2.985384
SUCC_ECOLI	F1	6804	guar	NDK_PYRHO	Ful:	6022	Aden	2DYA	1CQI	2DXF	0.8	Sc=6.33022, min distance = 2.029221

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SUCC_ECOLI	Ft	8977	1dar	NDK_PYRHO	Ful	6022	Aden	2DYA	1CQI	2DXE	0.8	Sc=5.94185, min distance = 2.224566
SUCC_ECOLI	Ft	8977	1dar	NDK_THET8	Ful	6022	Aden	1WKL	1CQI	1WKK	0.8	Sc=5.90814, min distance = 2.005829
SUCC_ECOLI	Ft	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1CQI	2ZGY	0.8	Sc=6.40995, min distance = 2.089234
SUCC_ECOLI	Ft	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	1CQI	2VTJ		Sc=5.72718, min distance = 2.111536
SUHB_ARCFU	Ft	892	myo-i	SFTPD_HUMAN	Ft	107737	in	2ORK	1LBX	2OS9	0.85	Sc=5.85639, min distance = 2.388317
SURE_THEMA	Ft	854023	Ep	Q8WSF8_APLCA	1	23831	HEP	2BR7	1J9L	2BYQ		Sc=5.80061, min distance = 1.910579
SYDC_YEAST	Ft	445439	CI	SYT_STAAW	Ful	5957	Aden	1NYR	1ASZ	1NYQ	0.86	Sc=6.57234, min distance = 1.677166
SYDC_YEAST	Ft	447377	1r	SYP_RHOPA	Ful	5957	Aden	2I4O	1ASZ	2I4N	0.84	Sc=6.50948, min distance = 1.947667
SYDC_YEAST	Ft	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1ASZ	1MP8	0.99	Sc=5.94495, min distance = 2.323688
SYDC_YEAST	Ft	6083	ader	ASSY_THET8	Fu	5957	Aden	1J1Z	1ASZ	1J2O	0.98	Sc=6.35961, min distance = 2.143227
SYDC_YEAST	Ft	91532	AME	SYK2_ECOLI	Fu	5957	Aden	1E24	1ASZ	1E22	0.99	Sc=6.04483, min distance = 2.214220
SYD_ECOLI	Fu	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	1C0A	1GFZ		Sc=5.81911, min distance = 2.281679
SYD_ECOLI	Fu	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1C0A	1YXX		Sc=6.18558, min distance = 1.629324
SYD_ECOLI	Fu	6419789	C	HASP_HUMAN	Fu	6083	aden	3DLZ	1C0A	3E7V		Sc=6.11773, min distance = 2.016279
SYD_PYRKO	Fu	16122635		KAPCA_BOVIN	Ft	5957	Aden	1Q24	1B8A	2UW8		Sc=5.64806, min distance = 1.878130
SYD_PYRKO	Fu	445998	CI	SYP_RHOPA	Ful	5957	Aden	2I4O	1B8A	2I4M	0.88	Sc=6.55948, min distance = 2.020018
SYD_PYRKO	Fu	447377	1r	SYP_RHOPA	Ful	5957	Aden	2I4O	1B8A	2I4N	0.84	Sc=6.45323, min distance = 2.456779
SYD_PYRKO	Fu	447378	1r	SYP_ENTFA	Ful	5957	Aden	2J3M	1B8A	2J3L	0.83	Sc=6.49612, min distance = 2.393366
SYD_PYRKO	Fu	6083	ader	LPLA_THEAC	Fu	5957	Aden	2ARU	1B8A	2ART	0.98	Sc=6.29769, min distance = 2.346763
SYD_PYRKO	Fu	60961	ade	SYQ_ECOLI	Ful	5957	Aden	1GTR	1B8A	100B	0.94	Sc=6.22743, min distance = 1.789670
SYD_PYRKO	Fu	91532	AME	SYK2_ECOLI	Fu	5957	Aden	1E24	1B8A	1E22	0.99	Sc=6.45143, min distance = 2.265363
SYD_THETH	Fu	24905152		SRC_CHICK	Ful	6083	aden	3DQX	1G51	3EN6		Sc=6.34211, min distance = 2.847978
SYE_THET8	Fu	24820118		GGT_ECOLI	Ful	33032	L-g	2DG5	1J09	2Z8K		Sc=5.62872, min distance = 2.216240
SYE_THET8	Fu	3540	lyds	KAPCA_BOVIN	Ft	5957	Aden	1Q24	1J09	1YDS		Sc=5.92271, min distance = 2.017296
SYE_THET8	Fu	445432	CI	SYQ_ECOLI	Ful	9547921	G	2RE8	2CV2	1QTQ	27.27	0.97 Sc=6.12123, min distance = 2.206711
SYE_THET8	Fu	449178	gl	GLMS_ECOLI	Fu	33032	L-g	1XFF	1J09	1XFG	0.81	Sc=5.80881, min distance = 2.205803
SYE_THET8	Fu	5310984	2	GRM3_RAT	Full	33032	L-g	2E4U	1J09	2E4Y		Sc=5.96336, min distance = 2.036988
SYE_THET8	Fu	5961	L-gl	SYQ_ECOLI	Ful	33032	L-g	100C	1J09	1ZJW	27.27	0.84 Sc=5.71663, min distance = 2.298529
SYE_THET8	Fu	6022	Ader	CLCN5_HUMAN	Ft	5957	Aden	2J9L	1J09	2JA3	0.99	Sc=5.95476, min distance = 1.860279
SYE_THET8	Fu	6022	Ader	GLGS_SOLTU	Fu	5957	Aden	1YP3	1J09	1YP4	0.99	Sc=5.9586, min distance = 1.8669829
SYE_THET8	Fu	6022	Ader	PDXK_SHEEP	Fu	5957	Aden	1LHR	1J09	1RFU	0.99	Sc=5.60448, min distance = 1.861786
SYE_THET8	Fu	6022	Ader	PURP_METJA	Fu	5957	Aden	2R7L	1J09	2R7N	0.99	Sc=6.40995, min distance = 2.082379
SYE_THET8	Fu	6022	Ader	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1J09	1ZTH	0.99	Sc=5.93397, min distance = 1.651846
SYE_THET8	Fu	6083	ader	AAKG1_RAT	Ful	5957	Aden	2V92	1J09	2V8Q	0.98	Sc=6.31605, min distance = 2.344494
SYE_THET8	Fu	6083	ader	LPLA_THEAC	Fu	5957	Aden	2ARU	1J09	2ART	0.98	Sc=6.27071, min distance = 2.589023
SYE_THET8	Fu	6083	ader	PANC_MYCTU	Fu	5957	Aden	2A84	1J09	2A7X	0.98	Sc=5.84034, min distance = 2.280752
SYE_THET8	Fu	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1J09	2R7M	0.98	Sc=6.36062, min distance = 2.189811

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SYE_THET8	Fu: 6852187	2	O57883_PYRHO	1	5957	Aden	2DTH	1J09	2DTH			Sc=6.21886, min distance = 1.392716
SYE_THET8	Fu: 91532	AME	SYK2_ECOLI	Fu: 5957	Aden	1E24	1J09	1E22		0.99		Sc=5.70862, min distance = 2.272857
SYE_THET8	Fu: 91557	1tr	PANC_MYCTU	Fu: 5957	Aden	2A84	1J09	1N2E		0.99		Sc=6.01384, min distance = 1.683938
SYFA_THETH	Fu: 134497	4-	APX_STRGR	Fu: 6140	L-ph	1F2P	1B70	1TF9		0.97		Sc=5.91132, min distance = 2.368661
SYFA_THETH	Fu: 4369560	E	PIP_THEAC	Fu: 6140	L-ph	1XRM	1B70	1XQX		0.79		Sc=5.82047, min distance = 2.166581
SYFA_THETH	Fu: 6305	L-tr	APX_STRGR	Fu: 6140	L-ph	1F2P	1B70	1TF8				Sc=6.15416, min distance = 2.396761
SYFA_THETH	Fu: 671214	L-	SYI_METJA	Fu: 6057	L-ty	1J1U	2AMC	2AG6		0.76		Sc=5.91268, min distance = 2.462271
SYFA_THETH	Fu: 9060	D-Tr	APX_STRGR	Fu: 6140	L-ph	1F2P	1B70	1TKF				Sc=6.04394, min distance = 2.219379
SYFB_THETH	Fu: 671214	L-	SYI_METJA	Fu: 6057	L-ty	1J1U	2AMC	2AG6		0.76		Sc=5.85482, min distance = 2.362834
SYH_ECOLI	Fu: 101609	Ur	Q9SSV1_NICGU	1	6083	aden	1VD1	1HTT	1VD3			Sc=6.2668, min distance = 1.9419871
SYH_ECOLI	Fu: 101812	2	RET_HUMAN	Fu: 6083	aden	2IVT	1HTT	2IVS		0.97		Sc=6.39936, min distance = 1.497971
SYH_ECOLI	Fu: 166760	Fa	PURP_METJA	Fu: 6083	aden	2R7M	1HTT	2R7N		0.76		Sc=6.43401, min distance = 2.443757
SYH_ECOLI	Fu: 33113	gar	ASSY_THET8	Fu: 6083	aden	1J20	1HTT	1KOR		0.97		Sc=6.50839, min distance = 1.207538
SYH_ECOLI	Fu: 445708	AN	NADE_ECOLI	Fu: 6083	aden	1WXI	1HTT	1WXE		0.91		Sc=6.38821, min distance = 2.228559
SYH_ECOLI	Fu: 445736	5	SYS_PYRHO	Fu: 6083	aden	2ZR2	1HTT	2DQ0		0.86		Sc=6.52768, min distance = 2.356411
SYH_ECOLI	Fu: 445736	5	SYS_THET2	Fu: 6083	aden	1SES	1HTT	1SET		0.86		Sc=6.52609, min distance = 2.032941
SYH_ECOLI	Fu: 448895	AD	UMPK_YEAST	Fu: 6083	aden	1UKZ	1HTT	1UKY		0.99		Sc=6.45105, min distance = 1.782749
SYH_ECOLI	Fu: 6076	Cycl	PDE10_HUMAN	Fu: 6083	aden	2OUN	1HTT	2OUR		0.99		Sc=6.35099, min distance = 2.057871
SYH_ECOLI	Fu: 65110	AIC	YL28_SCHPO	Fu: 6083	aden	2OOX	1HTT	2QRE		0.79		Sc=6.3472, min distance = 2.0389901
SYH_ECOLI	Fu: 656964	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	1HTT	1Y2C				Sc=5.98801, min distance = 1.371147
SYH_ECOLI	Fu: 657135	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	1HTT	1YXV				Sc=5.88168, min distance = 2.737298
SYH_ECOLI	Fu: 6802	guar	NADE_BACSU	Fu: 6083	aden	2NSY	1HTT	1IH8		0.76		Sc=6.49146, min distance = 2.291741
SYH_ECOLI	Fu: 6804	guar	NDK_PYRHO	Fu: 6083	aden	2DXD	1HTT	2DXF		0.8		Sc=6.4487, min distance = 1.4642448
SYH_ECOLI	Fu: 6804	guar	PDE10_HUMAN	Fu: 6083	aden	2OUN	1HTT	2OUQ		0.8		Sc=6.04846, min distance = 0
SYH_ECOLI	Fu: 8977	1dar	NDK_PYRHO	Fu: 6083	aden	2DXD	1HTT	2DXE		0.79		Sc=6.5042, min distance = 1.2163506
SYH_ECOLI	Fu: 97297	5-1	HASP_HUMAN	Fu: 6083	aden	3DLZ	1HTT	2VUW		0.75		Sc=6.31709, min distance = 2.148111
SYH_THET8	Fu: 1798	CID1	CAH1_HUMAN	Fu: 6274	hist	2FW4	1ADJ	1BZM				Sc=5.6546, min distance = 0.6672409
SYH_THET8	Fu: 1986	acet	CAH1_HUMAN	Fu: 6274	hist	2FW4	1ADJ	1AZM				Sc=5.66259, min distance = 0.613291
SYK1_ECOLI	Fu: 23831	HEE	RBCMT_PEA	Fu: 5962	L-ly	2H2E	1BBU	1MLV				Sc=5.6934, min distance = 1.3680617
SYK2_ECOLI	Fu: 447378	1r	SYP_ENTFA	Fu: 5957	Aden	2J3M	1E24	2J3L		0.83		Sc=6.53197, min distance = 1.932048
SYK2_ECOLI	Fu: 6083	ader	ASSY_THET8	Fu: 5957	Aden	1J1Z	1E24	1J20		0.98		Sc=6.36603, min distance = 2.055041
SYK_HUMAN	Fu: 445205	CI	SYK2_ECOLI	Fu: 5957	Aden	1E24	3BJU	1E1T		0.9		Sc=6.63995, min distance = 2.674846
SYK_HUMAN	Fu: 447378	1r	SYP_ENTFA	Fu: 5957	Aden	2J3M	3BJU	2J3L		0.83		Sc=6.52842, min distance = 2.031321
SYK_HUMAN	Fu: 6022	Ader	FAK1_HUMAN	Fu: 5957	Aden	2IJM	3BJU	1MP8		0.99		Sc=5.96434, min distance = 2.266498
SYK_HUMAN	Fu: 91532	AME	SYK2_ECOLI	Fu: 5957	Aden	1E24	3BJU	1E22		0.99		Sc=6.0424, min distance = 2.3603581
SYM_AQUAE	Fu: 60961	ade	SYM_ECOLI	Fu: 447829	1p	1PFY	2CT8	1PG2		0.85		Sc=6.2668, min distance = 2.1198531
SYM_ECOLI	Fu: 441481	ri	TRFL_BOVIN	Fu: 60961	ade	2DOJ	1PG2	2PX1				Sc=5.80469, min distance = 0.878831

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SYM_ECOLI Ful: 5957 Ader	SYQ_ECOLI Ful: 60961 ade 100B	1PG2	1GTR	0.94	Sc=5.68188, min distance = 2.076360	
SYM_ECOLI Ful: 6083 ader	SYQ_ECOLI Ful: 60961 ade 100B	1PG2	1ZJW	0.96	Sc=5.88509, min distance = 2.528835	
SYM_ECOLI Ful: 6802 guar	A5KE01_PLAVI 1	60961 ade 2PGF	1PG2	2QVN	0.79	Sc=6.29337, min distance = 2.162000
SYM_ECOLI Ful: 83862 ade	SYQ_ECOLI Ful: 60961 ade 100B	1PG2	100C	0.96	Sc=5.89826, min distance = 2.718240	
SYM_ECOLI Ful: 8975 2-F1	SAHH_MYCTU Ful: 60961 ade 3CE6	1PG2	2ZJ0	0.99	Sc=6.23717, min distance = 2.098070	
SYM_ECOLI Ful: 97184 6-M	DEOD_ECOLI Ful: 60961 ade 1PK7	1PG2	10VG	0.9	Sc=6.17435, min distance = 1.839520	
SYN2_RAT Ful: 15602983	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1I7L	2UW5		Sc=6.17894, min distance = 0.873310	
SYN2_RAT Ful: 3547 Fas	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1I7L	1Q8W		Sc=5.98692, min distance = 1.955550	
SYN2_RAT Ful: 36735 Gpp	Q9RVK2_DEIRA 1	5957 Aden 1SU2	1I7L	1SZ3	0.8	Sc=6.49791, min distance = 1.257600
SYN2_RAT Ful: 447916 ad	RIO1_ARCFU Ful: 5957 Aden 1ZP9	1I7L	1ZTF	0.94	Sc=6.28168, min distance = 2.133610	
SYN2_RAT Ful: 449240 1y	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1I7L	1YDR		Sc=6.01898, min distance = 2.044330	
SYN2_RAT Ful: 6022 Ader	BIOD_ECOLI Ful: 5957 Aden 1A82	1I7L	1DAD	0.99	Sc=6.44521, min distance = 2.076640	
SYN2_RAT Ful: 6022 Ader	FAK1_HUMAN Ful: 5957 Aden 2IJM	1I7L	1MP8	0.99	Sc=6.46237, min distance = 1.304730	
SYN2_RAT Ful: 6022 Ader	NIFH1_AZOVI Fu: 5957 Aden 2C8V	1I7L	1FP6	0.99	Sc=6.44264, min distance = 2.243460	
SYN2_RAT Ful: 6022 Ader	PUR7_METJA Ful: 5957 Aden 2Z02	1I7L	2YZL	0.99	Sc=6.4262, min distance = 1.9189080	
SYN2_RAT Ful: 6022 Ader	PURK_ECOLI Ful: 5957 Aden 3ETH	1I7L	3ETJ	0.99	Sc=6.4389, min distance = 2.1183390	
SYN2_RAT Ful: 6022 Ader	PURP_METJA Ful: 5957 Aden 2R7L	1I7L	2R7N	0.99	Sc=6.42759, min distance = 2.237590	
SYN2_RAT Ful: 6022 Ader	REX_BACSU Ful: 5957 Aden 2VT3	1I7L	2VT2	0.99	Sc=6.44521, min distance = 1.058000	
SYN2_RAT Ful: 6022 Ader	RK_BOVIN Full: 5957 Aden 3C4W	1I7L	3C4Z	0.99	Sc=6.44264, min distance = 1.858200	
SYN2_RAT Ful: 6022 Ader	SKY1_YEAST Ful: 5957 Aden 1Q97	1I7L	1Q8Y	0.99	Sc=6.4389, min distance = 2.2189660	
SYN2_RAT Ful: 6083 ader	PSPF_ECOLI Ful: 5957 Aden 2C96	1I7L	2VII	0.98	Sc=6.36755, min distance = 2.048930	
SYN2_RAT Ful: 6083 ader	PURP_METJA Ful: 5957 Aden 2R7L	1I7L	2R7M	0.98	Sc=6.36522, min distance = 1.934510	
SYN2_RAT Ful: 6083 ader	PURP_PYRFU Ful: 5957 Aden 2R86	1I7L	2R85	0.98	Sc=6.42395, min distance = 0.701960	
SYN2_RAT Ful: 6852207 M	KAPCA_BOVIN Fu: 5957 Aden 1Q24	1I7L	2GNI		Sc=6.00586, min distance = 2.372350	
SYN3_HUMAN Fu: 24779674	CSK2A_MAIZE Fu: 33113 gar 1LP4	2P0A	2PVH		Sc=6.34075, min distance = 2.426680	
SYN3_HUMAN Fu: 5326976 1	CSK2A_MAIZE Fu: 33113 gar 1LP4	2P0A	1ZOE		Sc=5.74014, min distance = 2.031990	
SYN3_HUMAN Fu: 6083 ader	HSP71_HUMAN Fu: 33113 gar 2E8A	2P0A	1XQS	0.97	Sc=6.38666, min distance = 2.027150	
SYN3_HUMAN Fu: 91532 AME	PURT_ECOLI Ful: 33113 gar 1EYZ	2P0A	1KJI	0.99	Sc=6.53043, min distance = 1.826860	
SYP_ENTFA Ful: 445998 CI	SYP_RHOPA Ful: 5957 Aden 2I4O	2J3M	2I4M	50.68	0.88	Sc=6.65559, min distance = 1.696240
SYP_ENTFA Ful: 445998 CI	SYP_THET8 Ful: 5957 Aden 1H4Q	2J3M	1H4S	27.7	0.88	Sc=6.61794, min distance = 2.204640
SYP_ENTFA Ful: 447377 1r	SYP_RHOPA Ful: 5957 Aden 2I4O	2J3M	2I4N	50.68	0.84	Sc=6.54179, min distance = 2.402510
SYP_ENTFA Ful: 6022 Ader	FAK1_HUMAN Ful: 5957 Aden 2IJM	2J3M	1MP8	0.99	Sc=6.44327, min distance = 1.935520	
SYP_ENTFA Ful: 6083 ader	ASSY_THET8 Ful: 5957 Aden 1J1Z	2J3M	1J20	0.98	Sc=6.39746, min distance = 1.516020	
SYP_ENTFA Ful: 91532 AME	SYK2_ECOLI Ful: 5957 Aden 1E24	2J3M	1E22	0.99	Sc=6.08532, min distance = 2.539420	
SYP_METTH Fu: 445998 CI	SYP_RHOPA Ful: 447377 1n 2I4N	1NJ1	2I4M	0.86	Sc=6.61341, min distance = 2.345070	
SYP_METTH Fu: 5957 Ader	SYP_ENTFA Ful: 447378 1n 2J3L	1NJ5	2J3M	0.83	Sc=6.45389, min distance = 2.470200	
SYP_METTH Fu: 5957 Ader	SYP_RHOPA Ful: 447377 1n 2I4N	1NJ1	2I4O	0.84	Sc=6.4602, min distance = 2.1921180	

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SYP_RHOPA	Fu: 196672	Al	Q5SHN1_THET8	1	447377	1n	2Z0X	2I4N	2Z0K	0.96	Sc=6.49251, min distance = 2.13337
SYP_RHOPA	Fu: 444564	Al	MYS2_DICDI	Fu: 5957	Aden	1FMW	2I4O	1W9I		0.91	Sc=5.77767, min distance = 0
SYP_RHOPA	Fu: 445439	Cl	SYT_STAAW	Fu: 5957	Aden	1NYR	2I4O	1NYQ		0.86	Sc=6.56327, min distance = 2.01652
SYP_RHOPA	Fu: 447378	1r	SYP_ENTFA	Fu: 5957	Aden	2J3M	2I4O	2J3L	50.68	0.83	Sc=6.58941, min distance = 1.14184
SYP_RHOPA	Fu: 447916	ad	RIO1_ARCFU	Fu: 5957	Aden	1ZP9	2I4O	1ZTF		0.94	Sc=6.30882, min distance = 2.17104
SYP_RHOPA	Fu: 6022	Ader	FAK1_HUMAN	Fu: 5957	Aden	2IJM	2I4O	1MP8		0.99	Sc=5.97148, min distance = 2.44677
SYP_RHOPA	Fu: 6022	Ader	PDXK_SHEEP	Fu: 5957	Aden	1LHR	2I4O	1RFU		0.99	Sc=5.98569, min distance = 1.93367
SYP_RHOPA	Fu: 91532	AME	SYK2_ECOLI	Fu: 5957	Aden	1E24	2I4O	1E22		0.99	Sc=5.74861, min distance = 2.12834
SYP_THET8	Fu: 16122633		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1H4Q	2UW0			Sc=6.51154, min distance = 1.98926
SYP_THET8	Fu: 445439	Cl	SYT_STAAW	Fu: 5957	Aden	1NYR	1H4Q	1NYQ		0.86	Sc=6.56478, min distance = 1.93055
SYP_THET8	Fu: 447377	1r	SYP_RHOPA	Fu: 5957	Aden	2I4O	1H4Q	2I4N	30.06	0.84	Sc=6.51003, min distance = 2.65210
SYP_THET8	Fu: 447378	1r	SYP_ENTFA	Fu: 5957	Aden	2J3M	1H4Q	2J3L	27.7	0.83	Sc=6.55336, min distance = 2.70757
SYP_THET8	Fu: 6022	Ader	FAK1_HUMAN	Fu: 5957	Aden	2IJM	1H4Q	1MP8		0.99	Sc=5.95638, min distance = 2.03415
SYP_THET8	Fu: 6083	ader	ASSY_THET8	Fu: 5957	Aden	1J1Z	1H4Q	1J20		0.98	Sc=6.37482, min distance = 1.56824
SYP_THET8	Fu: 6083	ader	LPLA_THEAC	Fu: 5957	Aden	2ARU	1H4Q	2ART		0.98	Sc=6.34951, min distance = 2.10487
SYQ_ECOLI	Fu: 11314340		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1GTR	2UZT			Sc=6.29833, min distance = 2.01608
SYQ_ECOLI	Fu: 16750062		CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	2OXD			Sc=5.82024, min distance = 1.24765
SYQ_ECOLI	Fu: 16750063		CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	2OXX			Sc=5.69982, min distance = 1.01257
SYQ_ECOLI	Fu: 1694	TBBt	CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	1J91			Sc=5.84227, min distance = 0.63942
SYQ_ECOLI	Fu: 2398	bisi	PDPK1_HUMAN	Fu: 5957	Aden	2BIY	1GTR	1UU9			Sc=6.51539, min distance = 2.01405
SYQ_ECOLI	Fu: 3540	lyds	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1GTR	1YDS			Sc=5.93948, min distance = 2.38935
SYQ_ECOLI	Fu: 3547	Fasu	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1GTR	1Q8W			Sc=5.99721, min distance = 2.16587
SYQ_ECOLI	Fu: 439176	Me	MTAP_SULSO	Fu: 60961	ade	1JDV	100B	1JDT	0.91		Sc=6.30368, min distance = 1.49060
SYQ_ECOLI	Fu: 444367	Cl	CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	1OM1			Sc=6.37256, min distance = 0.97754
SYQ_ECOLI	Fu: 444564	Al	BIOD_ECOLI	Fu: 5957	Aden	1A82	1GTR	1BS1	0.91		Sc=5.96203, min distance = 2.02006
SYQ_ECOLI	Fu: 444564	Al	MYS2_DICDI	Fu: 5957	Aden	1FMW	1GTR	1W9I	0.91		Sc=5.9605, min distance = 0
SYQ_ECOLI	Fu: 447004	Cl	MYS2_DICDI	Fu: 5957	Aden	1FMW	1GTR	1LVK			Sc=5.84271, min distance = 0
SYQ_ECOLI	Fu: 447301	Cl	SYE_THET8	Fu: 9547921	G	2CV2	2RE8	1N78	27.27	0.91	Sc=6.59757, min distance = 1.99242
SYQ_ECOLI	Fu: 449240	1y	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1GTR	1YDR			Sc=5.99721, min distance = 2.07828
SYQ_ECOLI	Fu: 449515	Cl	PYGM_RABIT	Fu: 6083	aden	8GPB	1ZJW	4GPB			Sc=5.84405, min distance = 2.45727
SYQ_ECOLI	Fu: 5149739	2	CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	2OXY			Sc=5.70633, min distance = 1.46039
SYQ_ECOLI	Fu: 5326637	1	CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	1M2Q			Sc=6.28507, min distance = 2.10927
SYQ_ECOLI	Fu: 5326978	1	CSK2A_MAIZE	Fu: 83862	ade	1DS5	100C	1ZOH			Sc=5.77705, min distance = 1.39272
SYQ_ECOLI	Fu: 5327121	1	PIM1_HUMAN	Fu: 6083	aden	1YXU	1ZJW	2C3I			Sc=6.28058, min distance = 1.42060
SYQ_ECOLI	Fu: 6022	Ader	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	1GTR	2JA3	0.99		Sc=5.96356, min distance = 1.61341
SYQ_ECOLI	Fu: 6022	Ader	MUTS_ECOLI	Fu: 5957	Aden	1W7A	1GTR	1OH7	0.99		Sc=5.95243, min distance = 1.89525
SYQ_ECOLI	Fu: 6022	Ader	PURK_ECOLI	Fu: 5957	Aden	3ETH	1GTR	3ETJ	0.99		Sc=5.64836, min distance = 1.80153

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SYQ_ECOLI	Fu: 6022 Ader	PURP_METJA	Fu: 5957 Aden	2R7L	1GTR	2R7N	0.99	Sc=5.65651, min distance = 2.19235
SYQ_ECOLI	Fu: 6022 Ader	PURP_METJA	Fu: 6083 aden	2R7M	1ZJW	2R7N	0.99	Sc=5.66589, min distance = 2.01651
SYQ_ECOLI	Fu: 6022 Ader	Q72H90_THET2	1 5957 Aden	2BEK	1GTR	2BEJ	0.99	Sc=5.94783, min distance = 2.05042
SYQ_ECOLI	Fu: 65110 AIC	AAKG1_HUMAN	Fu: 6083 aden	2UV4	1ZJW	2UV5	0.79	Sc=6.26905, min distance = 2.51723
SYQ_ECOLI	Fu: 65110 AIC	YL28_SCHPO	Fu: 6083 aden	2OOX	1ZJW	2QRE	0.79	Sc=6.30621, min distance = 2.46135
SYQ_ECOLI	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	1ZJW	1Y2E		Sc=6.11916, min distance = 2.10014
SYQ_ECOLI	Fu: 656968 1y	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1ZJW	1Y2H		Sc=5.96825, min distance = 1.99088
SYQ_ECOLI	Fu: 657135 Op	PIM1_HUMAN	Fu: 6083 aden	1YXU	1ZJW	1YXV		Sc=5.79949, min distance = 2.21555
SYQ_ECOLI	Fu: 6802 guar	A5KE01_PLAVI	1 60961 ade	2PGF	100B	2QVN	0.79	Sc=6.35212, min distance = 2.54235
SYQ_ECOLI	Fu: 6804 guar	PDE10_HUMAN	Fu: 6083 aden	2OUN	1ZJW	2OUQ	0.8	Sc=5.95802, min distance = 0
SYQ_ECOLI	Fu: 91557 1tr	PANC_MYCTU	Fu: 5957 Aden	2A84	1GTR	1N2E	0.99	Sc=6.47205, min distance = 2.62109
SYRC_YEAST	Fu: 444288 CI	KARG_LIMPO	Fu: 6322 L-ar	1M15	1F7U	1P52		Sc=5.80142, min distance = 2.21058
SYS_AQUAE	Fu: 448563 CI	SYS_THET2	Fu: 445736 5'	1SET	2DQ3	1SES	0.92	Sc=6.57161, min distance = 2.31307
SYS_PYRHO	Fu: 101812 2'	RET_HUMAN	Fu: 6083 aden	2IVT	2ZR2	2IVS	0.97	Sc=6.37725, min distance = 1.90188
SYS_PYRHO	Fu: 24180721	PIM1_HUMAN	Fu: 6083 aden	1YXU	2ZR2	3C4E		Sc=6.08639, min distance = 2.49830
SYS_PYRHO	Fu: 448563 CI	SYS_THET2	Fu: 445736 5'	1SET	2DQ0	1SES	37.38 0.92	Sc=6.56669, min distance = 2.33917
SYS_PYRHO	Fu: 448895 AD	UMPYK_YEAST	Fu: 6083 aden	1UKZ	2ZR2	1UKY	0.99	Sc=6.42978, min distance = 2.12170
SYS_PYRHO	Fu: 5957 Ader	PURP_PYRFU	Fu: 6083 aden	2R85	2ZR2	2R86	0.98	Sc=6.47854, min distance = 1.27061
SYS_PYRHO	Fu: 611002 Op	PIM1_HUMAN	Fu: 6083 aden	1YXU	2ZR2	1YXX		Sc=6.24353, min distance = 1.41700
SYS_PYRHO	Fu: 65110 AIC	PURP_METJA	Fu: 6083 aden	2R7M	2ZR2	2R7K	0.79	Sc=5.84847, min distance = 2.23020
SYS_PYRHO	Fu: 65533 cor	O57693_THETE	1 6083 aden	1UXU	2ZR2	1UXT		Sc=5.94815, min distance = 2.09585
SYS_PYRHO	Fu: 656964 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	2ZR2	1Y2C		Sc=5.99815, min distance = 2.04987
SYS_PYRHO	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	2ZR2	1Y2E		Sc=6.13624, min distance = 2.12415
SYS_PYRHO	Fu: 657135 Op	PIM1_HUMAN	Fu: 6083 aden	1YXU	2ZR2	1YXV		Sc=5.95377, min distance = 2.26390
SYS_PYRHO	Fu: 6804 guar	PDE10_HUMAN	Fu: 6083 aden	2OUN	2ZR2	2OUQ	0.8	Sc=6.4265, min distance = 0
SYS_PYRHO	Fu: 8582 Inos	PURA1_MOUSE	Fu: 6083 aden	1MF0	2ZR2	1IWE	0.79	Sc=6.38508, min distance = 2.02271
SYS_PYRHO	Fu: 8582 Inos	PYGM_RABIT	Fu: 6083 aden	8GPB	2ZR2	2QN7	0.79	Sc=6.38128, min distance = 2.17287
SYS_THET2	Fu: 101812 2'	RET_HUMAN	Fu: 6083 aden	2IVT	1SES	2IVS	0.97	Sc=6.37977, min distance = 2.20828
SYS_THET2	Fu: 24316 cyc	PDE10_HUMAN	Fu: 6083 aden	2OUN	1SES	2OUU	0.81	Sc=6.4202, min distance = 2.31593
SYS_THET2	Fu: 24851689	PIM1_HUMAN	Fu: 6083 aden	1YXU	1SES	3CY2		Sc=6.24226, min distance = 2.18559
SYS_THET2	Fu: 3973 nche	PIM1_HUMAN	Fu: 6083 aden	1YXU	1SES	1YI3		Sc=5.95615, min distance = 2.07973
SYS_THET2	Fu: 403186 CI	PYGM_RABIT	Fu: 6083 aden	8GPB	1SES	1Z62		Sc=6.52325, min distance = 2.06405
SYS_THET2	Fu: 445708 AM	NADE_ECOLI	Fu: 6083 aden	1WXI	1SES	1WXE	0.91	Sc=6.38666, min distance = 2.03821
SYS_THET2	Fu: 5327121 1	PIM1_HUMAN	Fu: 6083 aden	1YXU	1SES	2C3I		Sc=6.29212, min distance = 2.20598
SYS_THET2	Fu: 6030 Uric	ECX2_SULSO	Fu: 6083 aden	2C38	1SES	2C37		Sc=6.28244, min distance = 2.13612
SYS_THET2	Fu: 656966 1y	PDE4D_HUMAN	Fu: 6083 aden	1TB7	1SES	1Y2E		Sc=6.12393, min distance = 2.02983
SYS_THET2	Fu: 656968 1y	PDE4B_HUMAN	Fu: 6083 aden	1ROR	1SES	1Y2H		Sc=6.0387, min distance = 2.06748

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SYS_THET2	Fu: 656969	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	1SES	1Y2K		Sc=6.24889, min distance = 2.092385	
SYS_THET2	Fu: 657135	Op	PIM1_HUMAN	Fu: 6083	aden	1YXU	1SES	1YXV		Sc=5.92482, min distance = 2.722152	
SYS_THET2	Fu: 6804	guar	NDK_PYRHO	Fu: 6083	aden	2DXD	1SES	2DXF	0.8	Sc=6.45713, min distance = 2.165498	
SYS_THET2	Fu: 8582	Inos	PYGM_RABIT	Fu: 6083	aden	8GPB	1SES	2QN7	0.79	Sc=6.39134, min distance = 2.429479	
SYT_ECOLI	Fu: 445708	AM	NADE_ECOLI	Fu: 6083	aden	1WXI	1QF6	1WXE	0.91	Sc=6.39217, min distance = 2.126441	
SYT_ECOLI	Fu: 446724	AM	NUDT5_HUMAN	Fu: 6083	aden	2DSD	1QF6	3BM4	0.92	Sc=6.20303, min distance = 1.857327	
SYT_ECOLI	Fu: 5957	Ader	AAKG1_RAT	Fu: 6083	aden	2V8Q	1QF6	2V92	0.98	Sc=6.48195, min distance = 1.898932	
SYT_ECOLI	Fu: 6022	Ader	HSP71_HUMAN	Fu: 6083	aden	1XQS	1QF6	1S3X	0.99	Sc=6.44387, min distance = 2.058296	
SYT_ECOLI	Fu: 6022	Ader	PURP_METJA	Fu: 6083	aden	2R7M	1QF6	2R7N	0.99	Sc=6.43964, min distance = 2.419670	
SYT_ECOLI	Fu: 65533	col	O57693_THETE	1	6083	aden	1UXU	1QF6		Sc=5.91307, min distance = 2.063461	
SYT_ECOLI	Fu: 656964	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	1QF6	1Y2C		Sc=5.98489, min distance = 2.078521	
SYT_ECOLI	Fu: 656966	1y	PDE4D_HUMAN	Fu: 6083	aden	1TB7	1QF6	1Y2E		Sc=6.12299, min distance = 2.151100	
SYT_ECOLI	Fu: 97297	5-I	HASP_HUMAN	Fu: 6083	aden	3DLZ	1QF6	2VUW	0.75	Sc=6.31709, min distance = 2.497861	
SYT_STAAW	Fu: 11175137		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1NYR	2UW7		Sc=6.22655, min distance = 2.004701	
SYT_STAAW	Fu: 445998	CI	SYP_RHOPA	Fu: 5957	Aden	2I4O	1NYR	2I4M	0.88	Sc=6.57475, min distance = 2.178998	
SYT_STAAW	Fu: 447377	1r	SYP_RHOPA	Fu: 5957	Aden	2I4O	1NYR	2I4N	0.84	Sc=6.47194, min distance = 2.595884	
SYT_STAAW	Fu: 447378	1r	SYP_ENTFA	Fu: 5957	Aden	2J3M	1NYR	2J3L	0.83	Sc=6.5201, min distance = 2.3728710	
SYT_STAAW	Fu: 6022	Ader	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	1NYR	2JA3	0.99	Sc=6.43697, min distance = 0.675439	
SYT_STAAW	Fu: 6022	Ader	FAK1_HUMAN	Fu: 5957	Aden	2IJM	1NYR	1MP8	0.99	Sc=6.38384, min distance = 2.369506	
SYT_STAAW	Fu: 6022	Ader	MUTS_ECOLI	Fu: 5957	Aden	1W7A	1NYR	1OH7	0.99	Sc=6.36864, min distance = 2.048837	
SYT_STAAW	Fu: 6083	ader	AAKG1_RAT	Fu: 5957	Aden	2V92	1NYR	2V8Q	0.98	Sc=6.35571, min distance = 2.109649	
SYT_STAAW	Fu: 6083	ader	Y059_METJA	Fu: 5957	Aden	2J9C	1NYR	2J9D	0.98	Sc=6.35869, min distance = 2.257444	
SYT_STAAW	Fu: 91532	AME	INSR_HUMAN	Fu: 5957	Aden	3BU5	1NYR	1I44	0.99	Sc=6.43618, min distance = 2.188192	
SYT_STAAW	Fu: 91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1NYR	2Z09	0.99	Sc=6.0089, min distance = 2.4767240
SYT_STAAW	Fu: 91532	AME	SYK2_ECOLI	Fu: 5957	Aden	1E24	1NYR	1E22	0.99	Sc=6.4465, min distance = 2.3899531	
SYT_STAAW	Fu: 91557	1tr	PANC_MYCTU	Fu: 5957	Aden	2A84	1NYR	1N2E	0.99	Sc=5.9872, min distance = 2.6734526	
SYW2_DEIRA	Fu: 16040274		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1YID	2OJF		Sc=6.51749, min distance = 2.087926	
SYW2_DEIRA	Fu: 16122642		KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1YID	2UZW		Sc=6.35186, min distance = 2.141494	
SYW2_DEIRA	Fu: 3081936	7	P95480_PSEFL	1	6305	L-tr	2AQJ	1YI8	2AR8	0.9	Sc=6.05676, min distance = 2.218729
SYW2_DEIRA	Fu: 6022	Ader	BIOD_ECOLI	Fu: 5957	Aden	1A82	1YID	1DAD	0.99	Sc=5.88238, min distance = 2.138084	
SYW2_DEIRA	Fu: 6022	Ader	PDXK_SHEEP	Fu: 5957	Aden	1LHR	1YID	1RFU	0.99	Sc=5.89093, min distance = 1.973467	
SYW2_DEIRA	Fu: 6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1YID	2BEJ	0.99	Sc=5.85367, min distance = 2.253932
SYW2_DEIRA	Fu: 6022	Ader	REX_BACSU	Fu: 5957	Aden	2VT3	1YID	2VT2	0.99	Sc=5.61849, min distance = 2.008060	
SYW2_DEIRA	Fu: 6022	Ader	RK_BOVIN	Fu: 5957	Aden	3C4W	1YID	3C4Z	0.99	Sc=5.88732, min distance = 2.260142	
SYW2_DEIRA	Fu: 6022	Ader	SECA_ECOLI	Fu: 5957	Aden	2FSG	1YID	2FSI	0.99	Sc=5.97285, min distance = 2.119716	
SYW2_DEIRA	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	1YID	2J9D	0.99	Sc=5.95567, min distance = 2.223648	
SYW2_DEIRA	Fu: 6057	L-tr	CHMU_YEAST	Fu: 6305	L-tr	5CSM	1YI8	4CSM		Sc=5.87724, min distance = 2.381891	

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SYW2_DEIRA	Ft	6083	ader	AAKG1_RAT	Ful	5957	Aden	2V92	1YID	2V8Q	0.98	Sc=5.92475, min distance = 2.394934
SYW2_DEIRA	Ft	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1YID	2VII	0.98	Sc=6.22436, min distance = 2.292218
SYW2_DEIRA	Ft	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1YID	2R7M	0.98	Sc=5.81759, min distance = 2.476321
SYW2_DEIRA	Ft	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	1YID	2J9D	0.98	Sc=5.89778, min distance = 1.990399
SYW2_DEIRA	Ft	60961	ade	SYQ_ECOLI	Ful	5957	Aden	1GTR	1YID	100B	0.94	Sc=5.86369, min distance = 2.374359
SYW2_DEIRA	Ft	6914613	p	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1YID	2F7X		Sc=6.37467, min distance = 2.111827
SYW2_DEIRA	Ft	71567	D-p	APX_STRGR	Ful	6305	L-tr	1TF8	1YI8	1TKH		Sc=5.76659, min distance = 2.259182
SYW2_DEIRA	Ft	91532	AME	BIOD_ECOLI	Fu	5957	Aden	1A82	1YID	1DAG	0.99	Sc=5.98524, min distance = 2.102292
SYWC_HUMAN	Ft	134497	4-	APX_STRGR	Ful	6305	L-tr	1TF8	2AZX	1TF9		Sc=5.86591, min distance = 2.294076
SYWC_HUMAN	Ft	6057	L-ty	CHMU_YEAST	Fu	6305	L-tr	5CSM	2AZX	4CSM		Sc=6.01712, min distance = 2.332028
SYWC_HUMAN	Ft	6140	L-ph	APX_STRGR	Ful	6305	L-tr	1TF8	2AZX	1F2P		Sc=5.85311, min distance = 2.243487
SYWC_YEAST	Ft	6420194	N	B4GT1_BOVIN	Fu	8200	TETR	1YRO	2IP1	2FYD		Sc=5.95424, min distance = 1.274101
SYW_BACST	Fu	12530	n-T	ALBU_HUMAN	Fu	311	citri	1TF0	1MAU	1HK4		Sc=5.85497, min distance = 2.116718
SYW_BACST	Fu	2969	Deca	ALBU_HUMAN	Fu	311	citri	1TF0	1MAU	2VDB		Sc=5.95198, min distance = 0.756589
SYW_BACST	Fu	444564	AD	MYS2_DICDI	Fu	5957	Aden	1FMW	1MAU	1W9I	0.91	Sc=5.9871, min distance = 0
SYW_BACST	Fu	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1MAU	1YBA	0.76	Sc=5.69603, min distance = 1.234891
SYW_BACST	Fu	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	1MAU	2J9D	0.99	Sc=6.45302, min distance = 1.269456
SYW_BACST	Fu	6057	L-ty	CHMU_YEAST	Fu	6305	L-tr	5CSM	1MB2	4CSM		Sc=5.88167, min distance = 2.943931
SYW_BACST	Fu	6083	ader	AAKG1_RAT	Ful	5957	Aden	2V92	1MAU	2V8Q	0.98	Sc=6.36603, min distance = 2.224996
SYW_BACST	Fu	6083	ader	PURP_METJA	Fu	5957	Aden	2R7L	1MAU	2R7M	0.98	Sc=6.37418, min distance = 2.036684
SYW_BACST	Fu	60961	ade	SYQ_ECOLI	Ful	5957	Aden	1GTR	1MAU	100B	0.94	Sc=6.30512, min distance = 2.604330
SYW_BACST	Fu	6140	L-ph	THER_BACTH	Fu	6305	L-tr	1THL	1MB2	1OS0		Sc=5.72905, min distance = 1.887381
SYW_BACST	Fu	71567	D-p	APX_STRGR	Ful	6305	L-tr	1TF8	1MB2	1TKH		Sc=5.80525, min distance = 1.697358
SYW_BACST	Fu	8158	Pela	ALBU_HUMAN	Fu	311	citri	1TF0	1MAU	1E7E		Sc=5.6666, min distance = 1.1686154
SYW_BACST	Fu	91532	AME	SYK2_ECOLI	Fu	5957	Aden	1E24	1MAU	1E22	0.99	Sc=6.5154, min distance = 2.0390804
SYW_BACST	Fu	91557	ltn	PANC_MYCTU	Fu	5957	Aden	2A84	1MAU	1N2E	0.99	Sc=6.52393, min distance = 2.307032
SYW_BACST	Fu	9547921	G	SYQ_ECOLI	Ful	5957	Aden	1GTR	1MAU	2RE8	0.83	Sc=6.58379, min distance = 2.334261
SYW_THEMA	Fu	5962	L-ly	THER_BACTH	Fu	6305	L-tr	1THL	2G36	1KEI		Sc=5.69101, min distance = 2.079154
SYW_THEMA	Fu	6140	L-ph	THER_BACTH	Fu	6305	L-tr	1THL	2G36	1OS0		Sc=5.81517, min distance = 2.080289
SYW_THEMA	Fu	71567	D-p	APX_STRGR	Ful	6305	L-tr	1TF8	2G36	1TKH		Sc=5.83362, min distance = 2.267574
SYYM_NEUCR	Ft	444881	L-	CHMU_YEAST	Fu	6057	L-ty	4CSM	1Y42	1CSM		Sc=6.16792, min distance = 1.911301
SYYM_NEUCR	Ft	6305	L-tr	CHMU_YEAST	Fu	6057	L-ty	4CSM	1Y42	5CSM		Sc=6.15979, min distance = 2.013850
SYYM_NEUCR	Ft	736190	L-	SYFA_THETH	Fu	6057	L-ty	2AMC	1Y42	2AKW	0.76	Sc=5.88666, min distance = 2.150128
SYI_ARCFU	Fu	671214	L-	SYI_METJA	Fu	6057	L-ty	1J1U	2CYB	2AG6	0.76	Sc=5.8811, min distance = 2.3779844
SYI_BACST	Fu	6140	L-ph	SYFA_THETH	Fu	6057	L-ty	2AMC	1TYB	1B70	0.84	Sc=5.90396, min distance = 2.233060
SYI_BACST	Fu	736190	L-	SYFA_THETH	Fu	6057	L-ty	2AMC	1TYB	2AKW	0.76	Sc=5.92009, min distance = 2.405598
SYI_ECOLI	Fu	6140	L-ph	SYFA_THETH	Fu	6057	L-ty	2AMC	1WQ4	1B70	0.84	Sc=5.87794, min distance = 2.570340

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SYE_ECOLI Fu: 736190 L-	SYFA_THETH Fu: 6057 L-ty 2AMC	1WQ4	2AKW	0.76	Sc=5.89317, min distance = 2.362484
SYE_PYRHO Fu: 6140 L-ph	SYFA_THETH Fu: 6057 L-ty 2AMC	2CYC	1B70	0.84	Sc=5.86884, min distance = 2.230011
SYE_PYRHO Fu: 671214 L-	SYE_METJA Fu: 6057 L-ty 1J1U	2CYC	2AG6	0.76	Sc=5.91786, min distance = 2.098356
SYE_PYRHO Fu: 736190 L-	SYFA_THETH Fu: 6057 L-ty 2AMC	2CYC	2AKW	0.76	Sc=5.88399, min distance = 2.187067
T1M_BACTN Fu: 16741210	MTA_THEAQ Fu: 34756 Acy 2ADM	2OKC	2JG3		Sc=6.53513, min distance = 1.473819
T1M_BACTN Fu: 439176 Me	MTR1_RHOSH Fu: 34756 Acy 1NW5	2OKC	1EG2	0.91	Sc=6.33073, min distance = 2.518208
T1M_BACTN Fu: 445971 CI	COMT_RAT Full= 34756 Acy 2CL5	2OKC	1H1D	0.92	Sc=6.60388, min distance = 2.402752
T230_RALME F1 11957385	MYG_PHYCA Fu: 444098 HE 1A6M	2NOX	2CMM		Sc=6.30208, min distance = 2.414859
T230_RALME F1 16741183	CPXA_PSEPU Fu: 444098 HE 1YRC	2NOX	2ZAW	0.97	Sc=6.59217, min distance = 2.412573
T230_XANCP F1 11957370	HMOX1_HUMAN F1 444124 HE 1OZW	2NW7	1TWN		Sc=6.53144, min distance = 2.373138
T230_XANCP F1 11957371	HMOX1_HUMAN F1 444124 HE 1OZW	2NW7	1TWR		Sc=6.55021, min distance = 2.060547
T230_XANCP F1 11957385	MYG_PHYCA Fu: 444098 HE 1A6M	3E08	2CMM		Sc=6.14771, min distance = 2.370429
T230_XANCP F1 11957385	MYG_PHYCA Fu: 444124 HE 1U7R	2NW7	2CMM		Sc=6.01048, min distance = 2.811989
T230_XANCP F1 11957385	MYG_PHYCA Fu: 444207 He 1VXG	2NW8	2CMM		Sc=6.18909, min distance = 2.463696
T230_XANCP F1 15342951	ALBU_HUMAN Fu: 444098 HE 1N5U	3E08	3B9L		Sc=6.14879, min distance = 2.125853
T230_XANCP F1 16214774	CP51_MYCTU Fu: 444124 HE 2CIB	2NW7	2CI0	0.95	Sc=6.54571, min distance = 2.778046
T230_XANCP F1 16741183	CPXA_PSEPU Fu: 444207 He 1PHC	2NW8	2ZAW	0.93	Sc=6.57745, min distance = 2.350309
T230_XANCP F1 16741183	MYG_PHYCA Fu: 444207 He 1VXG	2NW8	2EKT	0.93	Sc=6.58579, min distance = 1.940789
T230_XANCP F1 444522 HE	HBB_PAGBE Fu: 444124 HE 1S5X	2NW7	1PBX	0.99	Sc=6.67764, min distance = 1.998047
T230_XANCP F1 444522 HE	NOS3_BOVIN Fu: 444124 HE 1ZZS	2NW7	2HX2	0.99	Sc=6.70625, min distance = 1.976604
T230_XANCP F1 444522 HE	Q83WG3_9ACTO 1 444124 HE 2Z3U	2NW7	2Z3T	0.99	Sc=6.68777, min distance = 1.806319
T230_XANCP F1 446189 CI	HBG1_HUMAN Fu: 444124 HE 1I3E	2NW7	1I3D	0.89	Sc=6.72215, min distance = 1.756612
T230_XANCP F1 446332 CI	MYG_PHYCA Fu: 444098 HE 1A6M	3E08	1IOP	0.82	Sc=6.62495, min distance = 2.278123
T230_XANCP F1 446332 CI	MYG_PHYCA Fu: 444207 He 1VXG	2NW8	1IOP	0.79	Sc=6.65059, min distance = 2.271303
T230_XANCP F1 6420167 M	CPXA_PSEPU Fu: 444124 HE 1RE9	2NW7	2FE6	0.89	Sc=6.69613, min distance = 2.137322
T230_XANCP F1 6420167 M	CPXA_PSEPU Fu: 444207 He 1PHC	2NW8	2FE6	0.9	Sc=6.74356, min distance = 2.127487
T4HR_MAGGR F1 15942680	6PGD_LACLM Fu: 5886 NADP 2IZ0	1G00	2IZ1		Sc=6.23489, min distance = 2.225714
T4HR_MAGGR F1 440141 9i	G6PD_LEUME Fu: 5886 NADP 1H9A	1G00	1E7Y		Sc=6.41775, min distance = 2.045357
T4HR_MAGGR F1 6022 Ader	HMDH_HUMAN Fu: 5886 NADP 1DQA	1G00	1HW8		Sc=5.994, min distance = 1.92716008
TAGD_BACSU F1 6131 cyti	KPSU5_ECOLX F1 6176 Cyti 1H7G	1COZ	1H7F	0.98	Sc=6.24529, min distance = 2.544118
TAGD_BACSU F1 6132 Cyti	KPSU5_ECOLX F1 6176 Cyti 1H7G	1COZ	1H7H	0.99	Sc=6.33113, min distance = 2.279406
TAL2_TACTR F1 101798 Me	MBL1_RAT Full= 82313 1rd 1KWV	1TL2	1KWU		Sc=5.87854, min distance = 1.776103
TAL2_TACTR F1 185698 al	MBL1_RAT Full= 82313 1rd 1KWV	1TL2	2MSB		Sc=5.71966, min distance = 2.287353
TAL2_TACTR F1 185698 al	MBL2_RAT Full= 82313 1rd 1RDN	1TL2	1RDL		Sc=5.79727, min distance = 2.588857
TAL2_TACTR F1 439353 be	Q82500_9INFA 1 82313 1rd 1RV0	1TL2	1RVT		Sc=5.87794, min distance = 0.590832
TAL2_TACTR F1 439554 fu	MBL1_RAT Full= 82313 1rd 1KWV	1TL2	3KMB		Sc=5.65594, min distance = 1.705123
TAL2_TACTR F1 444305 L-	PGRP_CAMDR Fu: 82313 1rd 3C93	1TL2	3C2X		Sc=5.64969, min distance = 2.450353

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TAL2_TACTR	Fu: 444863	id	MBL1_RAT	Full:	82313	1rd	1KWV	1TL2	1KWX		Sc=5.77993, min distance = 1.937185
TAL2_TACTR	Fu: 446578	1r	MBL2_RAT	Full:	82313	1rd	1RDN	1TL2	1RDI		Sc=5.63829, min distance = 2.533568
TAL2_TACTR	Fu: 64689	bet	UGL_BACGL	Fu:	82313	1rd	2FV1	1TL2	2FV0		Sc=5.74009, min distance = 2.036195
TAL2_TACTR	Fu: 79025	alp	LEC_ERYCO	Fu:	82313	1rd	1AX2	1TL2	1FYU		Sc=5.7779, min distance = 2.6807888
TAL2_TACTR	Fu: 94214	Met	MBL1_RAT	Full:	82313	1rd	1KWV	1TL2	1AFA		Sc=5.89894, min distance = 1.497784
TAM_AGRT5	Fu: 188380	Ad	MCES_ENCCU	Fu:	439155	Ad	1RI1	2P35	1Z3C	0.91	Sc=6.50764, min distance = 2.078901
TAM_AGRT5	Fu: 60961	ade	PIMT_PYRFU	Fu:	439155	Ad	1JG1	2P35	1JG2	0.84	Sc=6.24091, min distance = 2.617401
TAM_AGRT5	Fu: 65482	sir	MCES_ENCCU	Fu:	439155	Ad	1RI1	2P35	2HV9	0.88	Sc=6.4996, min distance = 2.0493681
TAM_AGRT5	Fu: 65482	sir	MTR1_RHOSH	Fu:	439155	Ad	1NW7	2P35	1NW6	0.88	Sc=5.75324, min distance = 2.352091
TAM_AGRT5	Fu: 65482	sir	PRMA_THET8	Fu:	439155	Ad	3EGV	2P35	2ZBR	0.88	Sc=6.52625, min distance = 2.467116
TAOK2_RAT	Fu: 11696113		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	1U5R	2VO3	29.41	Sc=6.3198, min distance = 2.6056438
TAOK2_RAT	Fu: 11708454		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	1U5R	2VNW	29.41	Sc=6.04439, min distance = 2.416467
TAOK2_RAT	Fu: 11957417		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2I40	35.03	Sc=6.28918, min distance = 2.477721
TAOK2_RAT	Fu: 1540	1h1c	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	1H1Q	35.03	Sc=6.27123, min distance = 2.849301
TAOK2_RAT	Fu: 15602982		KAPCA_BOVIN	Fu:	444345	1c	1STC	2GCD	2UW6	29.41	Sc=6.04691, min distance = 2.363595
TAOK2_RAT	Fu: 15602983		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	1U5R	2UW5	29.41	Sc=6.11198, min distance = 2.284249
TAOK2_RAT	Fu: 15942652		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2DUV	35.03	Sc=6.28925, min distance = 2.825654
TAOK2_RAT	Fu: 15991572		LCK_HUMAN	Fu:	444345	1c	1QPD	2GCD	2OF4	25.2	Sc=6.19817, min distance = 1.716961
TAOK2_RAT	Fu: 16046126		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2DS1	35.03	Sc=6.23869, min distance = 2.613534
TAOK2_RAT	Fu: 17751819		KAPCA_BOVIN	Fu:	5957	Aden	1Q24	1U5R	2VO6	29.41	Sc=6.27951, min distance = 2.551829
TAOK2_RAT	Fu: 23653515		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2R3F	35.03	Sc=6.00478, min distance = 2.068959
TAOK2_RAT	Fu: 23653516		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2R3G	35.03	Sc=6.24129, min distance = 2.596311
TAOK2_RAT	Fu: 23653518		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2R3J	35.03	Sc=6.16763, min distance = 2.028356
TAOK2_RAT	Fu: 23653520		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2R3L	35.03	Sc=6.26491, min distance = 2.068145
TAOK2_RAT	Fu: 23653522		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2R3N	35.03	Sc=6.23362, min distance = 2.252531
TAOK2_RAT	Fu: 23653526		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2R3R	35.03	Sc=6.17103, min distance = 1.930534
TAOK2_RAT	Fu: 23727982		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	3BHU	35.03	Sc=6.20868, min distance = 2.464278
TAOK2_RAT	Fu: 2398	bisi	PDPK1_HUMAN	Fu:	5957	Aden	2BIY	1U5R	1UU9	29.61	Sc=6.47228, min distance = 2.085694
TAOK2_RAT	Fu: 2403	luvr	PDPK1_HUMAN	Fu:	5957	Aden	2BIY	1U5R	1UVR	29.61	Sc=6.41012, min distance = 2.146059
TAOK2_RAT	Fu: 24752838		CHK1_HUMAN	Fu:	444345	1c	1NVR	2GCD	2QHM	30.21	Sc=6.04155, min distance = 2.748120
TAOK2_RAT	Fu: 24864081		CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	2VTS	35.03	Sc=6.28487, min distance = 1.948134
TAOK2_RAT	Fu: 24905143		PK3CG_HUMAN	Fu:	444345	1c	1E8Z	2GCD	2V4L		Sc=6.00528, min distance = 2.992128
TAOK2_RAT	Fu: 33113	gar	IRAK4_HUMAN	Fu:	444345	1c	2NRY	2GCD	2OID	33.11	Sc=5.97672, min distance = 1.930198
TAOK2_RAT	Fu: 33113	gar	ZAP70_HUMAN	Fu:	444345	1c	1U59	2GCD	2OZO	29.57	Sc=5.81624, min distance = 1.999842
TAOK2_RAT	Fu: 3543	1g5s	CDK2_HUMAN	Fu:	444345	1c	1AQ1	2GCD	1G5S	35.03	Sc=6.40672, min distance = 2.083618
TAOK2_RAT	Fu: 3547	Fasu	KAPCA_BOVIN	Fu:	5957	Aden	1Q24	1U5R	1Q8W	29.41	Sc=5.89062, min distance = 2.341545
TAOK2_RAT	Fu: 36735	Gpp	Q9RVK2_DEIRA	Fu:	5957	Aden	1SU2	1U5R	1SZ3	0.8	Sc=5.73303, min distance = 2.394857

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TAOK2_RAT	Fu: 4369136	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1DM2	35.03		Sc=6.19692, min distance = 3.080688
TAOK2_RAT	Fu: 444564	BIOD_ECOLI	Fu: 5957	Aden	1A82	1U5R	1BS1	0.91		Sc=5.89903, min distance = 2.848816
TAOK2_RAT	Fu: 444564	MYS2_DICDI	Fu: 5957	Aden	1FMW	1U5R	1W9I	0.91		Sc=5.8779, min distance = 0
TAOK2_RAT	Fu: 444852	ATPB_BOVIN	Fu: 5957	Aden	2V7Q	1U5R	1COW	0.91		Sc=5.97392, min distance = 2.262935
TAOK2_RAT	Fu: 445840	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1GII	35.03		Sc=6.22514, min distance = 2.452721
TAOK2_RAT	Fu: 445966	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1H0V	35.03		Sc=6.01305, min distance = 2.908962
TAOK2_RAT	Fu: 447916	RIO1_ARCFU	Fu: 5957	Aden	1ZP9	1U5R	1ZTF	0.94		Sc=6.05449, min distance = 2.872535
TAOK2_RAT	Fu: 447962	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	2C5N	35.03		Sc=6.143, min distance = 2.14899811
TAOK2_RAT	Fu: 447967	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1PYE	35.03		Sc=6.33475, min distance = 2.836837
TAOK2_RAT	Fu: 448043	KAPCA_BOVIN	Fu: 444345	1c	1STC	2GCD	1Q8U	29.41		Sc=5.96403, min distance = 2.464875
TAOK2_RAT	Fu: 448043	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1U5R	1Q8U	29.41		Sc=5.97728, min distance = 2.317738
TAOK2_RAT	Fu: 448293	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1R78	35.03		Sc=6.41842, min distance = 2.352320
TAOK2_RAT	Fu: 449240	KAPCA_BOVIN	Fu: 444345	1c	1STC	2GCD	1YDR	29.41		Sc=5.90625, min distance = 2.284821
TAOK2_RAT	Fu: 449240	KAPCA_BOVIN	Fu: 5957	Aden	1Q24	1U5R	1YDR	29.41		Sc=5.92246, min distance = 2.112488
TAOK2_RAT	Fu: 4565	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1H1R	35.03		Sc=6.26922, min distance = 2.821551
TAOK2_RAT	Fu: 5281680	PIM1_HUMAN	Fu: 444345	1c	1YHS	2GCD	2O64	29.05		Sc=6.4019, min distance = 2.0751781
TAOK2_RAT	Fu: 5327121	PIM1_HUMAN	Fu: 444345	1c	1YHS	2GCD	2C3I	29.05		Sc=6.08476, min distance = 2.450658
TAOK2_RAT	Fu: 5327122	CHK1_HUMAN	Fu: 444345	1c	1NVR	2GCD	2C3K	30.21		Sc=6.49635, min distance = 2.158821
TAOK2_RAT	Fu: 5327130	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	2C68	35.03		Sc=6.16996, min distance = 2.190454
TAOK2_RAT	Fu: 5327131	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	2C69	35.03		Sc=6.15711, min distance = 2.193491
TAOK2_RAT	Fu: 6022	BIOD_ECOLI	Fu: 5957	Aden	1A82	1U5R	1DAD	0.99		Sc=6.36828, min distance = 2.632706
TAOK2_RAT	Fu: 6022	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	1U5R	2JA3	0.99		Sc=6.33457, min distance = 2.432991
TAOK2_RAT	Fu: 6022	DDL_THET8	Fu: 5957	Aden	2ZDQ	1U5R	2ZDH	0.99		Sc=5.92617, min distance = 1.571927
TAOK2_RAT	Fu: 6022	FAK1_HUMAN	Fu: 5957	Aden	2IJM	1U5R	1MP8	30.85	0.99	Sc=5.89487, min distance = 2.626932
TAOK2_RAT	Fu: 6022	GLGS_SOLTU	Fu: 5957	Aden	1YP3	1U5R	1YP4	0.99		Sc=6.34631, min distance = 2.196239
TAOK2_RAT	Fu: 6022	HSP7F_YEAST	Fu: 5957	Aden	3D2F	1U5R	3C7N	0.99		Sc=6.33579, min distance = 2.188991
TAOK2_RAT	Fu: 6022	KTHY_HUMAN	Fu: 5957	Aden	1E2Q	1U5R	1NN3	0.99		Sc=5.87987, min distance = 2.367688
TAOK2_RAT	Fu: 6022	MUTS_ECOLI	Fu: 5957	Aden	1W7A	1U5R	1OH7	0.99		Sc=6.34934, min distance = 2.592128
TAOK2_RAT	Fu: 6022	PDXK_SHEEP	Fu: 5957	Aden	1LHR	1U5R	1RFU	0.99		Sc=6.31549, min distance = 1.972091
TAOK2_RAT	Fu: 6022	PUR7_METJA	Fu: 5957	Aden	2Z02	1U5R	2YZL	0.99		Sc=5.85702, min distance = 2.011018
TAOK2_RAT	Fu: 6022	PURT_ECOLI	Fu: 5957	Aden	1KJ8	1U5R	1KJQ	0.99		Sc=5.8915, min distance = 2.4507131
TAOK2_RAT	Fu: 6022	Q72H90_THET2	Fu: 5957	Aden	2BEK	1U5R	2BEJ	0.99		Sc=6.32908, min distance = 2.480801
TAOK2_RAT	Fu: 6022	REX_BACSU	Fu: 5957	Aden	2VT3	1U5R	2VT2	0.99		Sc=6.34503, min distance = 1.537357
TAOK2_RAT	Fu: 6022	RIO1_ARCFU	Fu: 5957	Aden	1ZP9	1U5R	1ZTH	0.99		Sc=5.8934, min distance = 2.2479161
TAOK2_RAT	Fu: 6022	SKY1_YEAST	Fu: 5957	Aden	1Q97	1U5R	1Q8Y	0.99		Sc=5.89027, min distance = 2.757202
TAOK2_RAT	Fu: 6022	Y059_METJA	Fu: 5957	Aden	2J9C	1U5R	2J9D	0.99		Sc=6.34503, min distance = 2.601829
TAOK2_RAT	Fu: 6083	AAKG1_RAT	Fu: 5957	Aden	2V92	1U5R	2V8Q	0.98		Sc=6.26922, min distance = 2.580327

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TAOK2_RAT	Fu: 60961	add	PIM1_HUMAN	Fu: 444345	1c	1YHS	2GCD	1YI4	29.05		Sc=6.14017, min distance = 2.89013
TAOK2_RAT	Fu: 60961	add	SYQ_ECOLI	Fu: 5957	Aden	1GTR	1U5R	100B		0.94	Sc=6.09394, min distance = 2.31355
TAOK2_RAT	Fu: 6176	Cyti	PYRI_ECOLI	Fu: 5957	Aden	7AT1	1U5R	2FZC			Sc=5.84876, min distance = 1.48643
TAOK2_RAT	Fu: 6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1U5R	2Q0E	0.8	Sc=5.67005, min distance = 2.42480
TAOK2_RAT	Fu: 6852187	2	O57883_PYRHO	1	5957	Aden	2DTO	1U5R	2DTH		Sc=6.11983, min distance = 1.86919
TAOK2_RAT	Fu: 6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	2GCD	2GNI	29.41		Sc=5.91553, min distance = 2.33288
TAOK2_RAT	Fu: 72271	7-H	CDK2_HUMAN	Fu: 444345	1c	1AQ1	2GCD	1PKD	35.03	0.91	Sc=6.45697, min distance = 2.40416
TAOK2_RAT	Fu: 72271	7-H	CHK1_HUMAN	Fu: 444345	1c	1NVR	2GCD	1NVQ	30.21	0.91	Sc=6.45043, min distance = 2.60981
TAOK2_RAT	Fu: 91532	AME	BIOD_ECOLI	Fu: 5957	Aden	1A82	1U5R	1DAG		0.99	Sc=5.97858, min distance = 2.25336
TAOK2_RAT	Fu: 91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1U5R	2Z09	0.99	Sc=5.95003, min distance = 2.57133
TAP1_RAT	Fu: 444564	Ad	MYS2_DICDI	Fu: 5957	Aden	1FMW	2IXE	1W9I		0.91	Sc=5.86562, min distance = 0
TAP1_RAT	Fu: 6022	Ader	CLCN5_HUMAN	Fu: 5957	Aden	2J9L	2IXE	2JA3		0.99	Sc=5.94155, min distance = 1.45113
TAP1_RAT	Fu: 6022	Ader	MUTS_ECOLI	Fu: 5957	Aden	1W7A	2IXE	1OH7		0.99	Sc=5.83256, min distance = 2.27472
TAP1_RAT	Fu: 6022	Ader	Y059_METJA	Fu: 5957	Aden	2J9C	2IXE	2J9D		0.99	Sc=5.86833, min distance = 1.62467
TAP1_RAT	Fu: 91532	AME	INSR_HUMAN	Fu: 5957	Aden	3BU5	2IXE	1I44		0.99	Sc=5.98011, min distance = 2.11957
TARB1_HUMAN	1	446535	HNMT_HUMAN	Fu: 439155	Ad	2AOT	2HA8	1JQE		0.95	Sc=6.50043, min distance = 1.67920
TAUD_ECOLI	Fu: 3080614	C	HIF1A_HUMAN	Fu: 51	2-Oxop	1H2L	1OS7	1H2K			Sc=5.60629, min distance = 2.73227
TAUD_ECOLI	Fu: 3080614	C	HIF1N_HUMAN	Fu: 51	2-Oxop	1H2L	1OS7	1H2K			Sc=5.64715, min distance = 2.56156
TAUD_ECOLI	Fu: 3080614	C	JHD3A_HUMAN	Fu: 51	2-Oxop	2Q8C	1OS7	2OX0			Sc=5.64969, min distance = 2.56381
TBA1A_PIG	Fu: 444845	1c	RASH_HUMAN	Fu: 6830	guan	2CL7	1FFX	1CLU		0.98	Sc=6.05377, min distance = 2.02456
TBA1A_PIG	Fu: 446248	CI	RASH_HUMAN	Fu: 6830	guan	2CL7	1FFX	1IAQ			Sc=6.02305, min distance = 2.09090
TBA1A_PIG	Fu: 449108	CI	FTSZ1_METJA	Fu: 6830	guan	1W5B	1FFX	1W58		0.99	Sc=6.09726, min distance = 2.03974
TBA1A_PIG	Fu: 449109	CI	FTSZ1_METJA	Fu: 6830	guan	1W5B	1FFX	1W5A			Sc=6.06817, min distance = 2.15278
TBA1A_PIG	Fu: 93082	Gak	RASH_HUMAN	Fu: 6830	guan	2CL7	1FFX	121P		0.99	Sc=5.75011, min distance = 2.21966
TBB2B_BOVIN	1	16131862	PAP2_VACCW	Fu: 8977	1dar	1JTF	1Z2B	1P39		0.97	Sc=6.54401, min distance = 2.37699
TBB2B_BOVIN	1	444335	PAP2_VACCW	Fu: 8977	1dar	1JTF	1Z2B	1V39		0.99	Sc=6.50463, min distance = 2.17411
TBB2B_BOVIN	1	6022	RIR1_YEAST	Fu: 8977	1dar	2CVW	1Z2B	2CVX		0.8	Sc=6.4718, min distance = 2.11775
TBB2B_BOVIN	1	6031	RIR1_YEAST	Fu: 8977	1dar	2CVW	1Z2B	2CVV			Sc=5.93055, min distance = 2.32530
TBB_PIG	Full:	16131862	PAP2_VACCW	Fu: 8977	1dar	1JTF	1SA0	1P39		0.97	Sc=6.52742, min distance = 2.38665
TBB_PIG	Full:	24978488	TBB2B_BOVIN	Fu: 8977	1dar	1Z2B	1SA0	3DU7			Sc=6.46623, min distance = 2.43760
TBB_PIG	Full:	37792	TGM3_HUMAN	Fu: 8977	1dar	1VJJ	1SA0	1RLE		0.99	Sc=6.49811, min distance = 1.88501
TBB_PIG	Full:	6031	O33839_THEMA	1	8977	1dar	1XJE	1SA0	1XJG		Sc=5.91112, min distance = 2.44917
TBB_PIG	Full:	6132	RIR1_YEAST	Fu: 8977	1dar	2CVW	1SA0	2CVU			Sc=6.35817, min distance = 2.24093
TBB_PIG	Full:	6804	DPOL_BPR69	Fu: 8977	1dar	1CLQ	1SA0	1WAJ		0.99	Sc=6.38783, min distance = 2.02165
TBB_PIG	Full:	6804	EF1A_YEAST	Fu: 8977	1dar	2B7B	1SA0	1G7C		0.99	Sc=6.37789, min distance = 2.18031
TBG1_HUMAN	Fu: 16131862		PAP2_VACCW	Fu: 8977	1dar	1JTF	3CB2	1P39		0.97	Sc=6.05849, min distance = 2.14243
TBG1_HUMAN	Fu: 24978488		TBB2B_BOVIN	Fu: 8977	1dar	1Z2B	3CB2	3DU7	34.59		Sc=6.47041, min distance = 1.12696

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TBG1_HUMAN	F1	444148	1d	RHA1_ARATH	Fu	8977	1dar	2EFC	3CB2	2EFE	0.99	Sc=6.42254, min distance = 1.787658
TBG1_HUMAN	F1	444335	GT	PAP2_VACCW	Fu	8977	1dar	1JTF	3CB2	1V39	0.99	Sc=6.47676, min distance = 2.165142
TBG1_HUMAN	F1	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	3CB2	1RRF		Sc=6.45308, min distance = 1.848336
TBG1_HUMAN	F1	449109	CI	FTSZ1_METJA	F1	8977	1dar	2VAP	3CB2	1W5A		Sc=6.5064, min distance = 2.1384410
TBG1_HUMAN	F1	6022	Ader	NDK_PYRHO	Fu	8977	1dar	2DXE	3CB2	2DYA	0.8	Sc=5.98191, min distance = 1.615260
TBG1_HUMAN	F1	6022	Ader	O33839_THEMA	1	8977	1dar	1XJE	3CB2	1XJK	0.8	Sc=6.4262, min distance = 2.4723590
TBG1_HUMAN	F1	6022	Ader	PARM_ECOLX	Fu	8977	1dar	2ZGY	3CB2	1MWM	0.8	Sc=6.44573, min distance = 2.037156
TBG1_HUMAN	F1	6022	Ader	RIR1_YEAST	Fu	8977	1dar	2CVW	3CB2	2CVX	0.8	Sc=6.43049, min distance = 2.278590
TBG1_HUMAN	F1	6031	Urid	O33839_THEMA	1	8977	1dar	1XJE	3CB2	1XJG		Sc=6.34458, min distance = 2.060667
TBG1_HUMAN	F1	6031	Urid	RIR1_YEAST	Fu	8977	1dar	2CVW	3CB2	2CVV		Sc=6.34943, min distance = 2.414934
TBG1_HUMAN	F1	6132	Cyti	O33839_THEMA	1	8977	1dar	1XJE	3CB2	1XJN		Sc=6.32159, min distance = 2.034230
TBG1_HUMAN	F1	6802	guar	DPOL_BPR69	Fu	8977	1dar	1CLQ	3CB2	1IH7	0.94	Sc=6.30124, min distance = 2.181532
TBG1_HUMAN	F1	6804	guar	TGM3_HUMAN	Fu	8977	1dar	1VJJ	3CB2	1SGX	0.99	Sc=6.4092, min distance = 1.9319994
TBG1_HUMAN	F1	8582	Inos	PURA1_MOUSE	F1	8977	1dar	1LON	3CB2	1IWE	0.99	Sc=6.34563, min distance = 2.310877
TCB_HUMAN	Fu	445939	1d	PPTA_ECOLI	Fu	23831	HEF	1GYX	2P5E	1GYY		Sc=5.76892, min distance = 2.037370
TDCD_SALTY	F1	1694	TBBt	CSK2A_MAIZE	F1	33113	gar	1LP4	1X3N	1J91		Sc=5.63079, min distance = 2.010196
TDCD_SALTY	F1	188966	dA	PAPS1_HUMAN	F1	6022	Aden	1X6V	1X3M	2PEZ	0.98	Sc=5.94234, min distance = 1.612136
TDCD_SALTY	F1	23727981		CDK2_HUMAN	Fu	6022	Aden	1GY3	1X3M	3BHT		Sc=6.19365, min distance = 1.364446
TDCD_SALTY	F1	23727982		CDK2_HUMAN	Fu	6022	Aden	1GY3	1X3M	3BHU		Sc=6.23346, min distance = 1.480220
TDCD_SALTY	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1X3N	2ETK		Sc=6.08984, min distance = 2.049532
TDCD_SALTY	F1	36735	Gpp	CSK2A_MAIZE	F1	33113	gar	1LP4	1X3N	1DAY	0.8	Sc=6.05254, min distance = 2.098140
TDCD_SALTY	F1	4369271	C	CSK2A_MAIZE	F1	33113	gar	1LP4	1X3N	1M2P		Sc=6.31128, min distance = 2.087486
TDCD_SALTY	F1	440317	AT	FTSK_PSEAE	Fu	6022	Aden	2IUU	1X3M	2IUT	0.99	Sc=5.93497, min distance = 1.814245
TDCD_SALTY	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1X3M	1BS1	0.91	Sc=5.95141, min distance = 2.023547
TDCD_SALTY	F1	445479	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	1X3N	1F0Q		Sc=6.24936, min distance = 2.362590
TDCD_SALTY	F1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1X3M	1H0V		Sc=6.28604, min distance = 1.639539
TDCD_SALTY	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1X3M	1PXI		Sc=5.75952, min distance = 2.441000
TDCD_SALTY	F1	448043	2g	ROCK1_HUMAN	F1	33113	gar	2V55	1X3N	3D9V		Sc=6.04879, min distance = 2.133632
TDCD_SALTY	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1X3M	1H1R		Sc=6.06519, min distance = 1.817122
TDCD_SALTY	F1	5957	Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1X3M	1W7A	0.99	Sc=5.72754, min distance = 2.147478
TDCD_SALTY	F1	5957	Ader	PPCK_ECOLI	Fu	6022	Aden	1K3C	1X3M	2OLR	0.99	Sc=5.72055, min distance = 2.243022
TDCD_SALTY	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1X3M	3C4W	0.99	Sc=5.80405, min distance = 2.227320
TDCD_SALTY	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	1X3N	3CJ7	0.97	Sc=6.38285, min distance = 2.547718
TDCD_SALTY	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	1X3N	1XQS	0.97	Sc=5.89926, min distance = 2.445508
TDCD_SALTY	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1X3M	2VII	0.99	Sc=6.37798, min distance = 2.174715
TDCD_SALTY	F1	60961	ade	SKY1_YEAST	Fu	33113	gar	1Q99	1X3N	1Q97	0.93	Sc=6.29836, min distance = 2.013830
TDCD_SALTY	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2P00	1X3M	2P02		Sc=5.85043, min distance = 2.094930

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TDCD_SALTY Fu: 6914614	IPKA_RABIT Fu: 6022 Aden	1JBP	1X3M	2F7Z		Sc=6.44896, min distance = 2.05836	
TDCD_SALTY Fu: 91532 AME	NIFH1_AZOVI Fu: 6022 Aden	1FP6	1X3M	2AFK	0.99	Sc=6.07088, min distance = 1.93468	
TDCD_SALTY Fu: 91532 AME	PURT_ECOLI Fu: 33113 gar	1EYZ	1X3N	1KJI	0.99	Sc=5.76679, min distance = 2.08942	
TDH_PYRHO Fu: 11987786	LDH_PLAFD Ful: 5893 nadi	1T2D	2D8A	1T2E	0.77	Sc=6.29117, min distance = 2.45778	
TDH_PYRHO Fu: 123927 A3	Q9GT92_CRYPV I	5893 nadi	2FM3	2D8A	0.97	Sc=6.73164, min distance = 2.21034	
TDH_PYRHO Fu: 439153 Di	ADH1B_HUMAN Fu: 5893 nadi	1U3U	2D8A	1DEH	0.79	Sc=6.72845, min distance = 1.84307	
TDH_PYRHO Fu: 439153 Di	ADH1E_HORSE Fu: 5893 nadi	1MGO	2D8A	2JHF	0.79	Sc=6.7233, min distance = 2.094977	
TDH_PYRHO Fu: 439153 Di	CTBP1_RAT Ful: 5893 nadi	1HKU	2D8A	1HL3	0.79	Sc=6.73074, min distance = 2.18397	
TDH_PYRHO Fu: 440516 CI	MDH_THETH Ful: 5893 nadi	1BMD	2D8A	1BDM	0.79	Sc=6.30552, min distance = 2.36013	
TDH_PYRHO Fu: 445794 AD	ADHX_HUMAN Fu: 5893 nadi	2FZW	2D8A	2FZE		Sc=6.1293, min distance = 2.411345	
TDH_PYRHO Fu: 6102709 A	LDH_PLAFD Ful: 5893 nadi	1T2D	2D8A	2A94	0.88	Sc=6.7261, min distance = 2.670297	
TDH_PYRHO Fu: 6420113 C	MDH_THETH Ful: 5893 nadi	1BMD	2D8A	1WZI	0.77	Sc=6.18642, min distance = 1.02060	
TDH_THET8 Fu: 439153 Di	ADH1B_HUMAN Fu: 5893 nadi	1U3U	2EJV	1DEH	0.79	Sc=6.7641, min distance = 2.095008	
TDH_THET8 Fu: 439153 Di	ADH1E_HORSE Fu: 5893 nadi	1MGO	2EJV	2JHF	0.79	Sc=6.75232, min distance = 2.19938	
TDH_THET8 Fu: 440516 CI	MDH_THETH Ful: 5893 nadi	1BMD	2EJV	1BDM	0.79	Sc=6.32411, min distance = 2.06782	
TDH_THET8 Fu: 445794 AD	ADHX_HUMAN Fu: 5893 nadi	2FZW	2EJV	2FZE		Sc=6.62023, min distance = 1.49061	
TDH_THET8 Fu: 446006 CI	MDH_THETH Ful: 5893 nadi	1BMD	2EJV	2CVQ		Sc=6.12275, min distance = 2.39160	
TDH_THET8 Fu: 5957 Ader	KTRA_BACSU Fu: 5893 nadi	1LSU	2EJV	2HMW		Sc=5.86472, min distance = 1.97388	
TDH_THET8 Fu: 6102710 A	Q4PRK9_PLAVI I	5893 nadi	2A92	2EJV	2AA3	0.95	Sc=6.76533, min distance = 2.40715
TDH_THET8 Fu: 8200 TETF	LMBL1_HUMAN Fu: 78165 MES	1OZ2	2DQ4	2RHI		Sc=5.63106, min distance = 2.07259	
TDT_MOUSE Fu: 5274091	DPO42_SULSO Fu: 65304 ddA	1RYS	1KEJ	2RDJ		Sc=6.15803, min distance = 2.45868	
TDT_MOUSE Fu: 65051 ddT	DPOL_BPT7 Ful: 65304 ddA	1SL2	1KEJ	1TKD		Sc=5.84626, min distance = 2.14673	
TERA_MOUSE Fu: 444564 AD	MYS2_DICDI Fu: 6022 Aden	1VOM	1S3S	1W9I	0.91	Sc=5.69345, min distance = 1.96463	
TERA_MOUSE Fu: 445940 O6	CDK2_HUMAN Fu: 6022 Aden	1GY3	1S3S	1GZ8		Sc=6.18169, min distance = 2.00921	
TERA_MOUSE Fu: 5957 Ader	MUTS_ECOLI Fu: 6022 Aden	1OH7	1S3S	1W7A	0.99	Sc=5.72123, min distance = 2.12361	
TERA_MOUSE Fu: 6852187 2	O57883_PYRHO I	6022 Aden	1WNL	1S3S	0.89	Sc=6.15423, min distance = 1.66388	
TETX_CLOTE Fu: 15942683	FCN3_HUMAN Fu: 439353 be	2J5Z	1DIW	2J60	0.77	Sc=5.64083, min distance = 1.69209	
TETX_CLOTE Fu: 439764 be	ARAF_ECOLI Fu: 439353 be	8ABP	1DIW	6ABP	0.93	Sc=5.60499, min distance = 2.14360	
TEV1_BPT4 Fu: 439183 li	TPIS_TRYBB Fu: 311 citri	2VEK	1MK0	1IIH		Sc=5.61093, min distance = 2.77370	
TEV1_BPT4 Fu: 439459 Hc	NIFD_KLEPN Fu: 311 citri	1H1L	1MK0	1QGU	0.92	Sc=5.99765, min distance = 2.42325	
TEV1_BPT4 Fu: 439459 Hc	NIFK_KLEPN Fu: 311 citri	1H1L	1MK0	1QGU	0.92	Sc=6.00673, min distance = 2.33866	
TEV1_BPT4 Fu: 51 2-Oxog	SERA_ECOLI Fu: 311 citri	2P9E	1MK0	1YBA	0.76	Sc=5.69982, min distance = 1.50637	
TGM2_HUMAN Fu: 188347 pg	ARL5A_HUMAN Fu: 8977 ldar	2H17	1KV3	1ZJ6	0.99	Sc=5.70046, min distance = 2.04786	
TGM2_HUMAN Fu: 6022 Ader	PARM_ECOLX Fu: 8977 ldar	2ZGY	1KV3	1MWM	0.8	Sc=5.9694, min distance = 2.28779	
TGM3_HUMAN Fu: 62852 B-C	OPSD_BOVIN Fu: 445463 B-	3CAP	1L9N	3DQB	0.98	Sc=6.12976, min distance = 2.29376	
TGT_ZYMMO Fu: 108714 9-	URIC_ASPFL Fu: 764 guani	1XT4	2PWU	1R4S		Sc=5.85835, min distance = 2.66988	
TGT_ZYMMO Fu: 1188 xant	XAPA_ECOLI Fu: 764 guani	1YQQ	2PWU	1YR3	0.92	Sc=5.71919, min distance = 2.66041	

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TGT_ZYMMO	Fu: 1188 xant	XGPT_ECOLI	Fu: 764 guani	1A95	2PWU	1A96	0.92	Sc=5.72588, min distance = 2.67565
TGT_ZYMMO	Fu: 15113 Xar	URIC_ASPFL	Fu: 764 guani	1XT4	2PWU	2IBA		Sc=5.71218, min distance = 2.67952
TGT_ZYMMO	Fu: 165138 3-	PNPH_HUMAN	Fu: 764 guani	1V2H	2PWU	1V45		Sc=6.18468, min distance = 2.24842
TGT_ZYMMO	Fu: 190 adeni	RICI_RICCO	Fu: 100684 9-	1IL4	1Q2R	2P8N		Sc=5.75384, min distance = 2.39016
TGT_ZYMMO	Fu: 2022 acyc	PNPH_HUMAN	Fu: 764 guani	1V2H	2PWU	1PWY	0.82	Sc=5.95472, min distance = 2.78943
TGT_ZYMMO	Fu: 4369374 5	URIC_ASPFL	Fu: 764 guani	1XT4	2PWU	1WRR		Sc=5.73508, min distance = 2.52206
TGT_ZYMMO	Fu: 444632 ne	RICI_RICCO	Fu: 100684 9-	1IL4	1Q2R	1BR5		Sc=5.88141, min distance = 1.97023
TGT_ZYMMO	Fu: 446312 1i	RICI_RICCO	Fu: 100684 9-	1IL4	1Q2R	1IL9		Sc=5.93355, min distance = 1.66022
TGT_ZYMMO	Fu: 447268 DA	PNPH_HUMAN	Fu: 764 guani	1V2H	2PWU	1RSZ		Sc=6.15382, min distance = 2.54068
TGT_ZYMMO	Fu: 4604 Oxor	URIC_ASPFL	Fu: 764 guani	1XT4	2PWU	1R4U		Sc=5.71218, min distance = 2.39542
TGT_ZYMMO	Fu: 50599 dic	PNPH_HUMAN	Fu: 764 guani	1V2H	2PWU	1V3Q		Sc=6.01759, min distance = 2.39667
TGT_ZYMMO	Fu: 6802 guar	PNPH_HUMAN	Fu: 764 guani	1V2H	2PWU	1RFG		Sc=6.1932, min distance = 2.48058
TGT_ZYMMO	Fu: 6852197 a	URIC_ASPFL	Fu: 764 guani	1XT4	2PWU	2FXL		Sc=5.70803, min distance = 2.04012
TGT_ZYMMO	Fu: 76726 5, 6	URIC_ASPFL	Fu: 764 guani	1XT4	2PWU	1WS2		Sc=5.6374, min distance = 2.70490
TGT_ZYMMO	Fu: 96253 7-1	RICI_RICCO	Fu: 100684 9-	1IL4	1Q2R	1IL3		Sc=5.88106, min distance = 2.48969
THBG_HUMAN	Fu: 10456830	THB_HUMAN	Fu: 5819 L-th	1Y0X	2CEO	2J4A		Sc=6.15439, min distance = 2.08111
THB_HUMAN	Fu: 128600 En	TTHY_RAT	Fu: 5819 L-th	1IE4	1Y0X	1KGJ		Sc=6.15059, min distance = 0.97001
THER_BACTH	Fu: 6322 L-ar	ARGT_SALTY	Fu: 5962 L-ly	1LST	1KEI	1LAF	0.79	Sc=5.72067, min distance = 2.74715
THER_BACTH	Fu: 71567 D-g	APX_STRGR	Fu: 6305 L-tr	1TF8	1THL	1TKH		Sc=5.68581, min distance = 2.14018
THID_BACSU	Fu: 16046126	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	2DS1		Sc=6.50847, min distance = 1.38304
THID_BACSU	Fu: 24864080	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	2VTR		Sc=6.08346, min distance = 1.53047
THID_BACSU	Fu: 444503 FU	NDKC_DICDI	Fu: 6022 Aden	1KDN	2I5B	1B99		Sc=6.28064, min distance = 1.52701
THID_BACSU	Fu: 444852 CI	ATPB_BOVIN	Fu: 6022 Aden	2CK3	2I5B	1COW	0.9	Sc=6.48532, min distance = 1.87873
THID_BACSU	Fu: 445966 O6	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	1H0V		Sc=6.29526, min distance = 1.76866
THID_BACSU	Fu: 447652 In	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	1OIQ		Sc=6.29603, min distance = 1.88139
THID_BACSU	Fu: 447916 ac	RIO1_ARCFU	Fu: 6022 Aden	1ZTH	2I5B	1ZTF	0.95	Sc=6.23274, min distance = 2.19227
THID_BACSU	Fu: 447967 CI	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	1PYE		Sc=6.40616, min distance = 1.76101
THID_BACSU	Fu: 4565 1h1	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	1H1R		Sc=6.4189, min distance = 1.46328
THID_BACSU	Fu: 5957 Ader	MUTS_ECOLI	Fu: 6022 Aden	1OH7	2I5B	1W7A	0.99	Sc=6.01888, min distance = 2.03009
THID_BACSU	Fu: 5957 Ader	PPCK_ECOLI	Fu: 6022 Aden	1K3C	2I5B	2OLR	0.99	Sc=6.00603, min distance = 1.90983
THID_BACSU	Fu: 5957 Ader	PSPF_ECOLI	Fu: 6022 Aden	2C98	2I5B	2C96	0.99	Sc=6.45763, min distance = 2.18815
THID_BACSU	Fu: 6083 ader	PURP_METJA	Fu: 6022 Aden	2R7N	2I5B	2R7M	0.99	Sc=6.33616, min distance = 2.38679
THID_BACSU	Fu: 60961 ade	IPKA_RABIT	Fu: 6022 Aden	1JBP	2I5B	1FMO	0.95	Sc=6.24577, min distance = 1.84992
THID_BACSU	Fu: 6338561 C	MYS2_DICDI	Fu: 6022 Aden	1VOM	2I5B	1D0X		Sc=6.26484, min distance = 2.05821
THID_BACSU	Fu: 6338562 C	MYS2_DICDI	Fu: 6022 Aden	1VOM	2I5B	1D0Y		Sc=6.25497, min distance = 2.17140
THID_BACSU	Fu: 6918710 5	CDK2_HUMAN	Fu: 6022 Aden	1GY3	2I5B	3EJ1		Sc=6.22444, min distance = 2.18934
THID_BACSU	Fu: 8977 1dar	NDK_PYRHO	Fu: 6022 Aden	2DYA	2I5B	2DXE	0.8	Sc=6.42021, min distance = 1.96665

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THID_BACSU	F1	8977	1dad	O33839_THEMA	1	6022	Aden	1XJK	2I5B	1XJE	0.8	Sc=6.42245, min distance = 1.97741
THID_BACSU	F1	91532	AME	PURP_METJA	Fu	6022	Aden	2R7N	2I5B	2R7K	0.99	Sc=6.49741, min distance = 2.22925
THIF_ECOLI	F1	11696113		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZFN	2VO3		Sc=6.32395, min distance = 2.09993
THIF_ECOLI	F1	15602983		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZFN	2UW5		Sc=6.11568, min distance = 2.31291
THIF_ECOLI	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZFN	1Q8W		Sc=5.99195, min distance = 1.97269
THIF_ECOLI	F1	5326906	C	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ZFN	1XHA		Sc=6.79336, min distance = 2.09085
THIF_ECOLI	F1	6022	Ader	HSP7F_YEAST	F1	5957	Aden	3D2F	1ZFN	3C7N	0.99	Sc=6.02047, min distance = 1.85172
THIF_ECOLI	F1	6022	Ader	MYS2_DICDI	Fu	5957	Aden	1FMW	1ZFN	1VOM	0.99	Sc=5.74206, min distance = 0
THIF_ECOLI	F1	6022	Ader	REX_BACSU	Fu	5957	Aden	2VT3	1ZFN	2VT2	0.99	Sc=6.44841, min distance = 2.05610
THIF_ECOLI	F1	6133	uric	CCA_ARCFU	Fu	5957	Aden	1R8B	1ZFN	1R8C		Sc=5.89016, min distance = 1.71692
THII_BACAN	F1	24180721		PIM1_HUMAN	Fu	6083	aden	1YXU	2C5S	3C4E		Sc=6.04238, min distance = 2.47650
THII_BACAN	F1	445321	CI	NADE_BACSU	Fu	6083	aden	2NSY	2C5S	1EE1	0.85	Sc=5.97023, min distance = 2.17962
THII_BACAN	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2C5S	1WXE	0.91	Sc=6.31462, min distance = 2.43685
THII_BACAN	F1	447832	AD	ACSA_SALTY	Fu	6083	aden	2P2F	2C5S	1PG4	0.99	Sc=6.11295, min distance = 2.09693
THII_BACAN	F1	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	2C5S	1YXX		Sc=6.17209, min distance = 1.57035
THII_BACAN	F1	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	2C5S	2R7K	0.79	Sc=5.79101, min distance = 2.70750
THII_BACAN	F1	6802	guar	NADE_BACSU	Fu	6083	aden	2NSY	2C5S	1IH8	0.76	Sc=5.70212, min distance = 2.21513
THII_BACAN	F1	8582	Inos	PUR1_MOUSE	F1	6083	aden	1MF0	2C5S	1IWE	0.79	Sc=6.30008, min distance = 2.30033
THII_BACAN	F1	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	2C5S	2QN7	0.79	Sc=6.332, min distance = 2.3947047
THII_BACAN	F1	91557	1tr	BLS_STRCL	Fu	6083	aden	1MC1	2C5S	1JGT	0.97	Sc=6.02737, min distance = 2.04464
THIL_HUMAN	F1	444959	CI	STP22_YEAST	F1	78165	MES	1UZX	2IB8	2F6M		Sc=5.60035, min distance = 47.6118
THIL_HUMAN	F1	7224	2-ME	ANDR_HUMAN	Fu	78165	MES	2PNU	2IB8	2PIO		Sc=5.62245, min distance = 1.15093
THIM_BACSU	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ESQ	2VNW		Sc=6.18449, min distance = 2.07628
THIM_BACSU	F1	129236	2c	CKI1_SCHPO	Fu	5957	Aden	1CSN	1ESQ	2CSN		Sc=5.88955, min distance = 1.83422
THIM_BACSU	F1	17751819		KAPCA_BOVIN	F1	5957	Aden	1Q24	1ESQ	2VO6		Sc=6.29397, min distance = 2.53758
THIM_BACSU	F1	3540	1yds	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ESQ	1YDS		Sc=5.9343, min distance = 2.066437
THIM_BACSU	F1	3547	Fasu	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ESQ	1Q8W		Sc=5.97535, min distance = 2.11182
THIM_BACSU	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1ESQ	1COW	0.91	Sc=6.43843, min distance = 2.05970
THIM_BACSU	F1	448042	2e	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ESQ	1Q8T		Sc=6.17763, min distance = 2.12300
THIM_BACSU	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	1ESQ	1YDR		Sc=5.98382, min distance = 2.00224
THIM_BACSU	F1	6022	Ader	BIOD_ECOLI	Fu	5957	Aden	1A82	1ESQ	1DAD	0.99	Sc=5.94783, min distance = 2.48252
THIM_BACSU	F1	6022	Ader	FAK1_HUMAN	Fu	5957	Aden	2IJM	1ESQ	1MP8	0.99	Sc=5.91971, min distance = 2.13452
THIM_BACSU	F1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	1ESQ	1NN3	0.99	Sc=6.3757, min distance = 2.417570
THIM_BACSU	F1	6022	Ader	MALK_ECOLI	Fu	5957	Aden	1Q12	1ESQ	2AWN	0.99	Sc=6.43295, min distance = 1.43169
THIM_BACSU	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	1ESQ	1OH7	0.99	Sc=6.37893, min distance = 2.66008
THIM_BACSU	F1	6022	Ader	PDK2_HUMAN	Fu	5957	Aden	2BU2	1ESQ	2BU8	0.99	Sc=6.43426, min distance = 2.06858
THIM_BACSU	F1	6022	Ader	PURK_ECOLI	Fu	5957	Aden	3ETH	1ESQ	3ETJ	0.99	Sc=6.36958, min distance = 1.68607

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THIM_BACSU	F1	6022	Ader	PURP_METJA	Fu:	5957	Aden	2R7L	1ESQ	2R7N	0.99	Sc=6.39142, min distance = 1.946569
THIM_BACSU	F1	6022	Ader	Q72H90_THET2	1	5957	Aden	2BEK	1ESQ	2BEJ	0.99	Sc=6.39232, min distance = 2.357909
THIM_BACSU	F1	6022	Ader	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	1ESQ	1ZTH	0.99	Sc=6.40759, min distance = 2.251439
THIM_BACSU	F1	6022	Ader	SECA_ECOLI	Fu:	5957	Aden	2FSG	1ESQ	2FSI	0.99	Sc=5.94562, min distance = 2.289819
THIM_BACSU	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	1ESQ	2J9D	0.99	Sc=6.39766, min distance = 2.148894
THIM_BACSU	F1	6083	ader	AAKG1_RAT	Fu:	5957	Aden	2V92	1ESQ	2V8Q	0.98	Sc=6.4516, min distance = 0.9488076
THIM_BACSU	F1	6083	ader	PSPF_ECOLI	Fu:	5957	Aden	2C96	1ESQ	2VII	0.98	Sc=6.31031, min distance = 2.784816
THIM_BACSU	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	1ESQ	2R85	0.98	Sc=6.31695, min distance = 2.707774
THIM_BACSU	F1	60961	ade	SYQ_ECOLI	Fu:	5957	Aden	1GTR	1ESQ	100B	0.94	Sc=6.25346, min distance = 2.308746
THIM_BACSU	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1ESQ	2Q0E	0.8	Sc=5.70008, min distance = 1.880458
THIM_BACSU	F1	91532	AME	BIOD_ECOLI	Fu:	5957	Aden	1A82	1ESQ	1DAG	0.99	Sc=6.02465, min distance = 2.076364
THIM_BACSU	F1	91532	AME	PURP_METJA	Fu:	5957	Aden	2R7L	1ESQ	2R7K	0.99	Sc=6.03547, min distance = 2.160799
THIM_BACSU	F1	91557	1tr	PANC_MYCTU	Fu:	5957	Aden	2A84	1ESQ	1N2E	0.99	Sc=6.01307, min distance = 1.889112
THRB_HUMAN	F1	13624	1H-	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	2FX6	37.35	Sc=5.84886, min distance = 2.629496
THRB_HUMAN	F1	178051	1k	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1K1M	37.35	Sc=6.4426, min distance = 2.4797796
THRB_HUMAN	F1	178051	1k	TRY1_BOVIN	Fu:	5326921	1	1Y3W	1YPE	1K1M	37.35	Sc=6.44319, min distance = 2.204756
THRB_HUMAN	F1	178051	1k	TRY1_BOVIN	Fu:	5326922	1	1Y3X	1YPJ	1K1M	37.35	Sc=6.43858, min distance = 2.234699
THRB_HUMAN	F1	24963034		TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	2ZDK	37.35	0.86 Sc=6.48537, min distance = 2.472146
THRB_HUMAN	F1	24963035		TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	2ZDL	37.35	Sc=6.41138, min distance = 2.663069
THRB_HUMAN	F1	24963035		TRY1_BOVIN	Fu:	5326921	1	1Y3W	1YPE	2ZDL	37.35	Sc=6.41706, min distance = 2.658866
THRB_HUMAN	F1	24963035		TRY1_BOVIN	Fu:	5326922	1	1Y3X	1YPJ	2ZDL	37.35	Sc=6.40832, min distance = 2.639856
THRB_HUMAN	F1	24963036		TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	2ZDM	37.35	0.79 Sc=6.48377, min distance = 2.513249
THRB_HUMAN	F1	24963036		TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	2ZDM	37.35	Sc=6.44492, min distance = 2.430679
THRB_HUMAN	F1	24963036		TRY1_BOVIN	Fu:	5326921	1	1Y3W	1YPE	2ZDM	37.35	Sc=6.45465, min distance = 2.536259
THRB_HUMAN	F1	24963037		TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	2ZDN	37.35	0.85 Sc=6.47406, min distance = 2.438166
THRB_HUMAN	F1	444753	1-	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	1C5S	37.35	0.97 Sc=5.87614, min distance = 2.560086
THRB_HUMAN	F1	446605	1k	TRY1_BOVIN	Fu:	177837	1k	1K1N	1YPK	1K1J	37.35	Sc=6.48418, min distance = 2.115279
THRB_HUMAN	F1	446605	1k	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1K1J	37.35	Sc=6.46343, min distance = 2.050232
THRB_HUMAN	F1	446606	1k	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1K1L	37.35	Sc=6.39913, min distance = 2.295418
THRB_HUMAN	F1	446606	1k	TRY1_BOVIN	Fu:	5326921	1	1Y3W	1YPE	1K1L	37.35	Sc=6.40282, min distance = 2.393286
THRB_HUMAN	F1	446606	1k	TRY1_BOVIN	Fu:	5326922	1	1Y3X	1YPJ	1K1L	37.35	Sc=6.39977, min distance = 2.356806
THRB_HUMAN	F1	446985	1l	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	1LQE	37.35	Sc=6.51518, min distance = 2.370332
THRB_HUMAN	F1	448061	1c	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	1QB6	37.35	Sc=6.34408, min distance = 2.542474
THRB_HUMAN	F1	448061	1c	TRY1_BOVIN	Fu:	5326922	1	1Y3X	1YPJ	1QB6	37.35	Sc=6.3966, min distance = 2.8441739
THRB_HUMAN	F1	448752	3-	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	1TNK	37.35	Sc=5.70461, min distance = 2.245367
THRB_HUMAN	F1	448753	tr	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	1TNL	37.35	Sc=5.7276, min distance = 2.1914889
THRB_HUMAN	F1	5326919	Q	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1Y3U	37.35	0.98 Sc=6.18155, min distance = 2.982149

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THRB_HUMAN	F1	5326923	1	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	1Y3Y	37.35	Sc=6.28557, min distance = 2.218065
THRB_HUMAN	F1	5326923	1	TRY1_BOVIN	Fu:	177837	1k	1K1N	1YPK	1Y3Y	37.35	Sc=6.13252, min distance = 2.471425
THRB_HUMAN	F1	5326923	1	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	1Y3Y	37.35	Sc=6.19842, min distance = 2.250588
THRB_HUMAN	F1	5326923	1	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1Y3Y	37.35	Sc=6.12453, min distance = 2.907871
THRB_HUMAN	F1	5326923	1	TRY1_BOVIN	Fu:	5326921	1	1Y3W	1YPE	1Y3Y	37.35	Sc=6.12453, min distance = 2.871978
THRB_HUMAN	F1	5326923	1	TRY1_BOVIN	Fu:	5326922	1	1Y3X	1YPJ	1Y3Y	37.35	Sc=6.13598, min distance = 2.941109
THRB_HUMAN	F1	5326924	1	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1Y59	37.35	Sc=6.30515, min distance = 2.474366
THRB_HUMAN	F1	5494448	1	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1YP9	37.35	0.99 Sc=6.29987, min distance = 2.298424
THRB_HUMAN	F1	5497056	1	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	1F0U	37.35	0.76 Sc=6.5943, min distance = 2.382662
THRB_HUMAN	F1	66005	Inc	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	1K1O	37.35	Sc=6.62976, min distance = 2.514486
THRB_HUMAN	F1	66005	Inc	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	1K1O	37.35	Sc=6.59753, min distance = 2.638996
THRB_HUMAN	F1	66005	Inc	TRY1_BOVIN	Fu:	5326921	1	1Y3W	1YPE	1K1O	37.35	Sc=6.59907, min distance = 2.629016
THRB_HUMAN	F1	66005	Inc	TRY1_BOVIN	Fu:	5326922	1	1Y3X	1YPJ	1K1O	37.35	Sc=6.59594, min distance = 2.522377
THRB_HUMAN	F1	83242	4-F	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	1UTP	37.35	Sc=5.73572, min distance = 2.364635
THRB_HUMAN	F1	9547939	2	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	2G5N	37.35	Sc=6.2435, min distance = 2.372313
THRB_HUMAN	F1	9547939	2	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	2G5N	37.35	Sc=6.15155, min distance = 2.337294
THRB_HUMAN	F1	9547945	0	TRY1_BOVIN	Fu:	1746	CID1	1C5Q	1C5N	2G8T	37.35	Sc=6.23159, min distance = 2.018971
THRB_HUMAN	F1	9547945	0	TRY1_BOVIN	Fu:	183797	Me	1K1P	1K22	2G8T	37.35	Sc=6.13385, min distance = 2.016556
THRB_HUMAN	F1	9547945	0	TRY1_BOVIN	Fu:	5326920	1	1Y3V	1YPG	2G8T	37.35	Sc=6.09286, min distance = 2.126228
THSA_THEK1	F1	164628	de	PRIM_BPT7	Fu:	33113	gar	1E0J	1Q3Q	1CR4		Sc=6.35183, min distance = 2.455095
THSA_THEK1	F1	1694	TBBT	CSK2A_MAIZE	F1	33113	gar	1LP4	1Q3Q	1J91		Sc=5.6386, min distance = 1.850368
THSA_THEK1	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	1Q3Q	2ESM		Sc=5.95705, min distance = 2.190667
THSA_THEK1	F1	448008	CI	GSK3B_HUMAN	F1	33113	gar	1J1B	1Q3Q	1Q4L		Sc=6.45009, min distance = 1.628804
THSA_THEK1	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	1Q3Q	2ETR		Sc=6.09559, min distance = 2.435351
THSA_THEK1	F1	5326977	1	CSK2A_MAIZE	F1	33113	gar	1LP4	1Q3Q	1ZOG		Sc=5.68068, min distance = 2.108365
THSA_THEK1	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	1Q3Q	1XQS	0.97	Sc=6.28441, min distance = 2.587236
THSA_THEK1	F1	91532	AMF	PURT_ECOLI	Fu:	33113	gar	1EYZ	1Q3Q	1KJI	0.99	Sc=6.49146, min distance = 1.508131
THTPA_HUMAN	I	11957399		PYRB_ECOLI	Fu:	311	citri	1R0B	3BHD	2H3E		Sc=6.14899, min distance = 1.036619
THTPA_HUMAN	I	439183	1i	TPIS_TRYBB	Fu:	311	citri	2VEK	3BHD	1IIH		Sc=5.72074, min distance = 2.048501
THTPA_HUMAN	I	439276	3-	TPIS_TRYBB	Fu:	311	citri	2VEK	3BHD	6TIM		Sc=5.65318, min distance = 1.643495
THTPA_HUMAN	I	439459	Hc	NIFD_KLEPN	Fu:	311	citri	1H1L	3BHD	1QGU	0.92	Sc=5.99765, min distance = 2.231638
THTPA_HUMAN	I	439459	Hc	NIFK_KLEPN	Fu:	311	citri	1H1L	3BHD	1QGU	0.92	Sc=5.99413, min distance = 2.134287
THTPA_HUMAN	I	445607	AT	ACON_BOVIN	Fu:	311	citri	1C96	3BHD	1FGH		Sc=5.95873, min distance = 1.740080
THTPA_HUMAN	I	447376	2-	ACON_BOVIN	Fu:	311	citri	1C96	3BHD	1NIS		Sc=5.85859, min distance = 1.803350
THTPA_HUMAN	I	447537	1c	SRC_HUMAN	Fu:	311	citri	1O4L	3BHD	1O4R		Sc=6.03262, min distance = 1.210314
THTPA_HUMAN	I	449604	NI	ACON_BOVIN	Fu:	311	citri	1C96	3BHD	8ACN		Sc=5.78644, min distance = 2.131485
THYX_MYCTU	F1	1983	acet	PA28_DABRR	Fu:	8172	Trig	1Y38	2GQ2	2DPZ		Sc=5.66508, min distance = 2.601974

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THYX_THEMA	F1	150973	51	PYR5_HUMAN	Fu	65063	dUM	2QCH	1026	2QCG	0.88	Sc=6.0577, min distance = 1.891189
THYX_THEMA	F1	164795	N	RBCMT_PEA	Fu	23831	HEF	1MLV	1028	2H2J		Sc=5.72118, min distance = 1.11501
THYX_THEMA	F1	444320	2	TYSY_ECOLI	Fu	65063	dUM	1AXW	1026	1AOB	0.88	Sc=5.84544, min distance = 2.11724
THYX_THEMA	F1	448782	CI	TYSY_ECOLI	Fu	65063	dUM	1AXW	1026	1TSN	0.8	Sc=5.7101, min distance = 1.922705
THYX_THEMA	F1	854023	Ep	Q8WSF8_APLCA	I	23831	HEF	2BR7	1028	2BYQ		Sc=5.63489, min distance = 2.33808
TIE2_HUMAN	F1	185698	al	MBL2_RAT	Full	82313	1rd	1RDN	2GY5	1RDL		Sc=5.62672, min distance = 2.52154
TIG_ECOLI	Fu	439554	fu	ACES_MOUSE	Fu	8200	TETR	2H9Y	1OMS	2HA5		Sc=5.61221, min distance = 1.47279
TILS_AQUAE	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2E89	1BS1	0.91	Sc=6.44264, min distance = 1.79775
TILS_AQUAE	F1	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	2E21	1W9I	0.91	Sc=6.41728, min distance = 1.48348
TILS_AQUAE	F1	6022	Ader	AROK_MYCTU	Fu	5957	Aden	2IYW	2E89	2IYV	0.99	Sc=5.9884, min distance = 2.250708
TILS_AQUAE	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	2E89	2JA3	0.99	Sc=6.4694, min distance = 1.383915
TILS_AQUAE	F1	6022	Ader	KTHY_HUMAN	Fu	5957	Aden	1E2Q	2E89	1NN3	0.99	Sc=6.43426, min distance = 2.34923
TILS_AQUAE	F1	6022	Ader	MUTS_ECOLI	Fu	5957	Aden	1W7A	2E89	1OH7	0.99	Sc=6.42696, min distance = 2.34467
TILS_AQUAE	F1	6022	Ader	PDXK_SHEEP	Fu	5957	Aden	1LHR	2E89	1RFU	0.99	Sc=6.4464, min distance = 1.522759
TILS_AQUAE	F1	6022	Ader	Q72H90_THET2	I	5957	Aden	2BEK	2E89	2BEJ	0.99	Sc=6.42391, min distance = 2.02921
TILS_AQUAE	F1	6022	Ader	VPS4B_MOUSE	F1	5957	Aden	2ZAN	2E89	2ZAO	0.99	Sc=6.40359, min distance = 1.98971
TILS_AQUAE	F1	6022	Ader	Y059_METJA	Fu	5957	Aden	2J9C	2E89	2J9D	0.99	Sc=6.44051, min distance = 2.40052
TILS_AQUAE	F1	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	2E89	2V8Q	0.98	Sc=6.37635, min distance = 2.07258
TILS_AQUAE	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2E21	1XQS	0.97	Sc=5.9157, min distance = 2.053041
TILS_AQUAE	F1	6083	ader	Q6L8F0_THETH	I	33113	gar	1V25	2E21	1V26	0.97	Sc=6.39134, min distance = 2.01633
TILS_AQUAE	F1	6083	ader	Y059_METJA	Fu	5957	Aden	2J9C	2E89	2J9D	0.98	Sc=6.39617, min distance = 1.98999
TILS_AQUAE	F1	6852187	2	O57883_PYRHO	I	5957	Aden	2DTO	2E89	2DTH		Sc=6.2276, min distance = 2.050264
TILS_AQUAE	F1	91532	AMF	PURT_ECOLI	Fu	33113	gar	1EYZ	2E21	1KJI	0.99	Sc=6.52009, min distance = 2.18828
TILS_AQUAE	F1	91532	AMF	Q5SJV7_THET8	I	5957	Aden	2Z08	2E89	2Z09	0.99	Sc=6.4897, min distance = 1.813086
TIM44_HUMAN	I	185698	al	ACES_TORCA	Fu	62551	Pen	2BAG	2CW9	1U65		Sc=5.60481, min distance = 2.08237
TKT1_YEAST	F1	124687	1r	ODP1_ECOLI	Fu	1132	thia	1L8A	1TRK	1RP7	0.79	Sc=6.40702, min distance = 2.44293
TKT1_YEAST	F1	444421	CI	MDLC_PSEPU	Fu	1132	thia	1BFD	1TRK	2FWN	0.82	Sc=6.37003, min distance = 2.22099
TKT1_YEAST	F1	448671	2	ILVB_YEAST	Fu	1132	thia	1N0H	1TRK	1T9B		Sc=5.67269, min distance = 2.89511
TKTC_MAIZE	F1	124687	1r	ODP1_ECOLI	Fu	1132	thia	1L8A	1ITZ	1RP7	0.79	Sc=6.41977, min distance = 2.40370
TKTC_MAIZE	F1	444421	CI	MDLC_PSEPU	Fu	1132	thia	1BFD	1ITZ	2FWN	0.82	Sc=6.37847, min distance = 2.05364
TKTC_MAIZE	F1	445886	CI	TKT1_YEAST	Fu	1132	thia	1TRK	1ITZ	1GPU	0.91	Sc=5.73812, min distance = 2.27878
TKTC_MAIZE	F1	448673	PH	ILVB_YEAST	Fu	1132	thia	1N0H	1ITZ	1T9B		Sc=5.79111, min distance = 2.31629
TKTC_MAIZE	F1	448721	N3	TKT1_YEAST	Fu	1132	thia	1TRK	1ITZ	1TKA		Sc=6.38755, min distance = 2.19654
TKTC_MAIZE	F1	448722	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1ITZ	1TKB	0.78	Sc=6.40124, min distance = 2.06553
TKTC_MAIZE	F1	448723	1t	TKT1_YEAST	Fu	1132	thia	1TRK	1ITZ	1TKC	0.77	Sc=6.38455, min distance = 2.22882
TMPC_TREPA	F1	2022	acyc	PNPH_HUMAN	Fu	6802	guan	1RFG	2FQX	1PWY	0.83	Sc=6.10709, min distance = 2.06016
TMPC_TREPA	F1	444498	in	PNPH_BOVIN	Fu	6021	inos	1A9S	2FQW	1B8N		Sc=6.37829, min distance = 2.03399

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TMPC_TREPA	F1	444499	Fd	PNPB_BOVIN	Fu	6021	inos	1A9S	2FQW	1B8O		Sc=6.3293, min distance = 2.021139
TMPC_TREPA	F1	446728	CI	Q9GPQ4_TRYVI	I	6021	inos	1KIC	2FQW	1KIE		Sc=6.30752, min distance = 2.13898
TMPC_TREPA	F1	72443	for	DEOD_ECOLI	Fu	60961	ade	1PK7	2FQY	1A69		Sc=6.3568, min distance = 1.563605
TMPC_TREPA	F1	8975	2-F1	SAHH_MYCTU	Fu	60961	ade	3CE6	2FQY	2ZJ0	0.99	Sc=6.30715, min distance = 1.99756
TMPC_TREPA	F1	97184	6-M	DEOD_ECOLI	Fu	6021	inos	1PR0	2FQW	1OVG		Sc=6.2374, min distance = 2.097712
TNAA_ECOLI	F1	854023	Ep	Q8WSF8_APLCA	I	23831	HEF	2BR7	2OQX	2BYQ		Sc=5.78163, min distance = 0.95394
TOC33_ARATH	I	188347	pp	ARF1_BOVIN	Fu	8977	ldar	1R8S	3DEF	1R8Q	0.99	Sc=5.77073, min distance = 2.36421
TOC33_ARATH	I	444845	ld	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BB4	1CLU	0.99	Sc=5.80195, min distance = 2.28971
TOC33_ARATH	I	446248	CI	RAN_HUMAN	Fu	36735	Gpp	1K5D	3BB4	1IBR		Sc=5.79131, min distance = 2.37402
TOC33_ARATH	I	446248	CI	RAN_HUMAN	Fu	8977	ldar	3CH5	3DEF	1IBR		Sc=5.81149, min distance = 2.07791
TOC33_ARATH	I	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BB4	1IAQ		Sc=5.76428, min distance = 2.37064
TOC33_ARATH	I	446248	CI	RASH_HUMAN	Fu	8977	ldar	2CE2	3DEF	1IAQ		Sc=6.0742, min distance = 2.22988
TOC33_ARATH	I	6804	guar	DPOL_BPR69	Fu	8977	ldar	1CLQ	3DEF	1WAJ	0.99	Sc=5.95319, min distance = 2.17707
TOC33_ARATH	I	8582	Inos	PUR1_MOUSE	Fu	8977	ldar	1LON	3DEF	1IWE	0.99	Sc=5.91481, min distance = 2.65936
TOC33_ARATH	I	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	3BB4	1RJ9	0.99	Sc=5.79828, min distance = 2.27750
TOC34_PEA	Fu	188347	pp	ARF1_BOVIN	Fu	8977	ldar	1R8S	1H65	1R8Q	0.99	Sc=5.78279, min distance = 2.05179
TOC34_PEA	Fu	444825	ld	PUR1_ECOLI	Fu	8977	ldar	1QF5	1H65	1CH8	0.95	Sc=6.00572, min distance = 2.52969
TOC34_PEA	Fu	444845	ld	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BB1	1CLU	0.99	Sc=6.10891, min distance = 2.42615
TOC34_PEA	Fu	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BB1	1IAQ		Sc=6.06272, min distance = 2.36490
TOC34_PEA	Fu	5496555	G	RASH_HUMAN	Fu	36735	Gpp	1CTQ	3BB1	2EVW		Sc=6.00737, min distance = 2.03104
TOC34_PEA	Fu	6804	guar	EF1A_YEAST	Fu	8977	ldar	2B7B	1H65	1G7C	0.99	Sc=5.9565, min distance = 2.45579
TOC34_PEA	Fu	8582	Inos	PUR1_MOUSE	Fu	8977	ldar	1LON	1H65	1IWE	0.99	Sc=5.92738, min distance = 2.31727
TOC34_PEA	Fu	93082	Gak	FTSY_THEAQ	Fu	36735	Gpp	2J7P	3BB1	1RJ9	0.99	Sc=6.1078, min distance = 2.19498
TOP1_ECOLI	F1	445269	CI	NT5M_HUMAN	Fu	9700	thyr	1Z4L	1MW8	2JAU	0.85	Sc=6.37032, min distance = 2.00542
TOP2A_HUMAN	I	11963551		HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	2IWS		Sc=6.20836, min distance = 2.34446
TOP2A_HUMAN	I	11963552		HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	2IWU		Sc=6.20591, min distance = 2.54192
TOP2A_HUMAN	I	11987828		HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	2CGF		Sc=6.25099, min distance = 2.18903
TOP2A_HUMAN	I	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZXN	1H1Q		Sc=6.39222, min distance = 2.06267
TOP2A_HUMAN	I	16058649		IGF1R_HUMAN	Fu	33113	gar	1JQH	1ZXM	2OJ9		Sc=6.52295, min distance = 1.89117
TOP2A_HUMAN	I	16741208		HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	2IWX		Sc=6.27123, min distance = 2.41777
TOP2A_HUMAN	I	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	1ZXM	2OXD		Sc=5.62446, min distance = 2.46683
TOP2A_HUMAN	I	23653516		CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZXN	2R3G		Sc=6.3116, min distance = 2.06276
TOP2A_HUMAN	I	24836816		HS90A_HUMAN	Fu	6022	Aden	1BYQ	1ZXN	3BMY		Sc=6.31022, min distance = 2.31019
TOP2A_HUMAN	I	440317	AT	BCKD_RAT	Full	6022	Aden	1GKZ	1ZXN	1GJV	0.99	Sc=6.0307, min distance = 1.381127
TOP2A_HUMAN	I	440317	AT	VPS4_YEAST	Fu	6022	Aden	2QPA	1ZXN	3EIH	0.99	Sc=6.0136, min distance = 1.682338
TOP2A_HUMAN	I	446721	CI	ASSY_THET8	Fu	33113	gar	1KOR	1ZXM	1KH2	0.93	Sc=6.05627, min distance = 1.45978
TOP2A_HUMAN	I	447656	ld	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZXN	1OIY		Sc=6.52444, min distance = 1.87782

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TOP2A_HUMAN	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZXN	1PXI		Sc=5.68534, min distance = 2.122205
TOP2A_HUMAN	1	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	1ZXM	2ETR		Sc=6.12976, min distance = 1.929860
TOP2A_HUMAN	1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZXN	1H1R		Sc=6.38685, min distance = 2.194602
TOP2A_HUMAN	1	5327134	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1ZXN	2C6L		Sc=6.45521, min distance = 1.174702
TOP2A_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1ZXM	2ERZ		Sc=6.16445, min distance = 1.825706
TOP2A_HUMAN	1	5957	Ader	PDK2_HUMAN	Fu	6022	Aden	2BU8	1ZXN	2BU2	0.99	Sc=6.03932, min distance = 2.412685
TOP2A_HUMAN	1	6082103	2	HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	2BRC		Sc=6.33945, min distance = 2.031200
TOP2A_HUMAN	1	6102757	K	HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	2BRE		Sc=6.40826, min distance = 2.140144
TOP2A_HUMAN	1	6323491	M	HSP82_YEAST	Fu	6022	Aden	1AMW	1ZXN	1BGQ		Sc=6.29032, min distance = 2.623855
TOP2A_HUMAN	1	6323491	M	PDK3_HUMAN	Fu	6022	Aden	1Y80	1ZXN	2Q8I		Sc=6.31078, min distance = 2.592385
TOP2A_HUMAN	1	6323491	M	TOP6B_SULSH	Fu	33113	gar	1MX0	1ZXM	2HKJ		Sc=6.33214, min distance = 2.327906
TOP2A_HUMAN	1	6323491	M	TOP6B_SULSH	Fu	6022	Aden	1Z5B	1ZXN	2HKJ		Sc=6.32556, min distance = 2.161706
TOP2A_HUMAN	1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1ZXN	2DXF	0.8	Sc=5.8968, min distance = 2.1701005
TOP2A_HUMAN	1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1ZXN	1QYE	0.89	Sc=6.11857, min distance = 2.072126
TOP2A_HUMAN	1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1ZXN	2DXE	0.8	Sc=5.98112, min distance = 2.174065
TOP2A_HUMAN	1	91532	AME	CHEA_THEMA	Fu	33113	gar	1I59	1ZXM	1I58	0.99	Sc=6.06208, min distance = 1.187585
TOP2_YEAST	Fu	16058649		IGF1R_HUMAN	Fu	33113	gar	1JQH	1PVG	2OJ9		Sc=6.4971, min distance = 2.3528695
TOP2_YEAST	Fu	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	1PVG	2OXD		Sc=5.62916, min distance = 2.212785
TOP2_YEAST	Fu	188966	dA	HSLU_ECOLI	Fu	33113	gar	1E94	1PVG	1G4A	0.97	Sc=6.38594, min distance = 2.130764
TOP2_YEAST	Fu	24851689		PIM1_HUMAN	Fu	33113	gar	1XR1	1PVG	3CY2		Sc=6.20045, min distance = 1.934345
TOP2_YEAST	Fu	446721	CI	ASSY_THET8	Fu	33113	gar	1KOR	1PVG	1KH2	0.93	Sc=6.49369, min distance = 1.284065
TOP2_YEAST	Fu	5326976	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1PVG	1ZOE		Sc=5.67037, min distance = 2.392655
TOP2_YEAST	Fu	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1PVG	2ERZ		Sc=6.15585, min distance = 1.939355
TOP6B_SULSH	1	11963551		HSP82_YEAST	Fu	6022	Aden	1AMW	1Z5B	2IWS		Sc=6.24878, min distance = 2.134218
TOP6B_SULSH	1	11963552		HSP82_YEAST	Fu	6022	Aden	1AMW	1Z5B	2IWU		Sc=6.23509, min distance = 2.051928
TOP6B_SULSH	1	16750062		CSK2A_MAIZE	Fu	33113	gar	1LP4	1MX0	2OXD		Sc=5.64022, min distance = 2.204100
TOP6B_SULSH	1	440317	AT	BCKD_RAT	Fu	6022	Aden	1GKZ	1Z5B	1GJV	0.99	Sc=6.03255, min distance = 2.483132
TOP6B_SULSH	1	5326976	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1MX0	1ZOE		Sc=5.70486, min distance = 2.195878
TOP6B_SULSH	1	5326978	1	CSK2A_MAIZE	Fu	33113	gar	1LP4	1MX0	1ZOH		Sc=5.62303, min distance = 1.852675
TOP6B_SULSH	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	1MX0	2ERZ		Sc=6.18446, min distance = 1.753945
TOP6B_SULSH	1	5957	Ader	PDK2_HUMAN	Fu	6022	Aden	2BU8	1Z5B	2BU2	0.99	Sc=6.04806, min distance = 2.516985
TOP6B_SULSH	1	5957	Ader	PDK3_HUMAN	Fu	6022	Aden	1Y80	1Z5B	1Y8P	0.99	Sc=5.74702, min distance = 2.562956
TOP6B_SULSH	1	72194	2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1Z5B	1QYE	0.89	Sc=6.1141, min distance = 2.3063005
TOP6B_SULSH	1	8977	1dar	NDK_PYRHO	Fu	6022	Aden	2DYA	1Z5B	2DXE	0.8	Sc=6.00075, min distance = 2.402352
TOX4_BORPE	Fu	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	1BCP	2YZL	0.99	Sc=5.62169, min distance = 2.034185
TOX4_BORPE	Fu	6083	ader	AAKG1_RAT	Fu	5957	Aden	2V92	1BCP	2V8Q	0.98	Sc=6.12082, min distance = 2.099474
TOX4_BORPE	Fu	6852207	M	KAPCA_BOVIN	Fu	5957	Aden	1Q24	1BCP	2GNI		Sc=5.86582, min distance = 2.153155

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TOXA_CLODI	F1	440552	1k	LECA_ARTIN	Fu:	439353	be	1UGX	2G7C	1UH1		Sc=5.82676, min distance = 2.421836
TOXA_CLODI	F1	446564	LI	BACR_HALSA	Fu:	439353	be	1IW6	2G7C	1JV7		Sc=5.825, min distance = 1.37546392
TOXA_CLODI	F1	449462	2	LEG7_HUMAN	Fu:	439353	be	4GAL	2G7C	3GAL		Sc=5.8177, min distance = 2.3472967
TOXA_PSEAE	F1	10219702		PARP3_HUMAN	F1	4858	1xk9	3CE0	1XK9	3C4H		Sc=5.86266, min distance = 2.244670
TOXA_PSEAE	F1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	3B82	2BJA		Sc=6.2204, min distance = 2.1007888
TOXB_CLODI	F1	24864076		PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	2QRH		Sc=6.28392, min distance = 2.292445
TOXB_CLODI	F1	4369162	1	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	1HLF		Sc=6.07212, min distance = 2.013336
TOXB_CLODI	F1	444393	CI	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	1AXR		Sc=5.99919, min distance = 2.409906
TOXB_CLODI	F1	445718	GI	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	1FTW		Sc=6.16793, min distance = 2.048988
TOXB_CLODI	F1	447413	NT	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	1NOJ		Sc=5.97755, min distance = 2.332779
TOXB_CLODI	F1	64960	Pol	XYLA_STRRU	Fu:	79025	alp	1XIF	2BVL	1XIE	0.89	Sc=5.73786, min distance = 2.344480
TOXB_CLODI	F1	657042	CH	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	1XKX		Sc=6.27148, min distance = 2.083577
TOXB_CLODI	F1	6852178	N	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	2F3P		Sc=6.14891, min distance = 2.242000
TOXB_CLODI	F1	6852181	E	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	2F3S		Sc=6.2765, min distance = 2.1363410
TOXB_CLODI	F1	6852183	N	PYGM_RABIT	Fu:	79025	alp	1H5U	2BVL	2F3U		Sc=6.36063, min distance = 2.244660
TOXB_CLODI	F1	7048614	Z	XYLA_STRRU	Fu:	79025	alp	1XIF	2BVL	1XID		Sc=5.75977, min distance = 2.650140
TOXB_CLODI	F1	95259	L-x	XYLA_STRRU	Fu:	79025	alp	1XIF	2BVL	1XIC		Sc=5.69793, min distance = 2.530729
TPH1_HUMAN	F1	292661	2,	PTR1_LEIMA	Fu:	445040	6-1E92	1MLW	1MLW	1W0C		Sc=6.04082, min distance = 2.131634
TPH1_HUMAN	F1	444951	CI	PTR1_LEIMA	Fu:	445040	6-1E92	1MLW	1MLW	2BFP		Sc=6.26061, min distance = 2.270597
TPH1_HUMAN	F1	5578	trin	PTR1_LEIMA	Fu:	445040	6-1E92	1MLW	1MLW	2BFM		Sc=6.21251, min distance = 1.907832
TPIS_PLAFA	F1	439278	ph	GPMI_BACST	Fu:	439183	1i	1EJJ	1M70	1O98	1	Sc=5.62225, min distance = 2.108052
TPIS_PLAFA	F1	4797	1tpw	TPIS_TRYBB	Fu:	439183	1i	1IIH	1M70	1TTJ	44.03	Sc=5.60309, min distance = 2.053257
TPIS_YEAST	F1	445225	CI	FUCA_ECOLI	Fu:	4797	1tpw	4FUA	7TIM	1E47		Sc=5.68092, min distance = 2.100292
TPIS_YEAST	F1	447550	ph	TPIS_TRYBB	Fu:	4797	1tpw	1TTJ	7TIM	4TIM	51.04	Sc=5.72697, min distance = 2.104926
TPIS_YEAST	F1	754	3-Gly	FUCA_ECOLI	Fu:	4797	1tpw	4FUA	7TIM	1E48		Sc=5.6763, min distance = 2.1019840
TPK1_MOUSE	F1	101609	Ur	Q9SSV1_NICGU	1	6083	aden	1VD1	2F17	1VD3		Sc=6.28746, min distance = 2.111018
TPK1_MOUSE	F1	101812	2	RET_HUMAN	Fu:	6083	aden	2IVT	2F17	2IVS	0.97	Sc=6.37176, min distance = 1.753056
TPK1_MOUSE	F1	1400	nche	RET_HUMAN	Fu:	6083	aden	2IVT	2F17	2IVV		Sc=6.23849, min distance = 2.427048
TPK1_MOUSE	F1	164795	N	RBCMT_PEA	Fu:	23831	HEP	1MLV	2F17	2H2J		Sc=5.86105, min distance = 1.430612
TPK1_MOUSE	F1	24180721		PIM1_HUMAN	Fu:	6083	aden	1YXU	2F17	3C4E		Sc=6.059, min distance = 1.89865268
TPK1_MOUSE	F1	24851689		PIM1_HUMAN	Fu:	6083	aden	1YXU	2F17	3CY2		Sc=6.2943, min distance = 1.5930700
TPK1_MOUSE	F1	24905143		SRC_CHICK	Fu:	6083	aden	3DQX	2F17	3EN7		Sc=6.28689, min distance = 2.278530
TPK1_MOUSE	F1	3973	nche	PIM1_HUMAN	Fu:	6083	aden	1YXU	2F17	1YI3		Sc=5.95079, min distance = 1.101106
TPK1_MOUSE	F1	445321	CI	NADE_BACSU	Fu:	6083	aden	2NSY	2F17	1EE1	0.85	Sc=5.75413, min distance = 2.123860
TPK1_MOUSE	F1	445708	AM	NADE_ECOLI	Fu:	6083	aden	1WXI	2F17	1WXE	0.91	Sc=5.94342, min distance = 2.231730
TPK1_MOUSE	F1	5962	L-ly	RBCMT_PEA	Fu:	23831	HEP	1MLV	2F17	2H2E		Sc=5.78503, min distance = 1.574850
TPK1_MOUSE	F1	6076	Cycl	PDE10_HUMAN	Fu:	6083	aden	2OUN	2F17	2OUR	0.99	Sc=6.35861, min distance = 2.151256

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TPK1_MOUSE	F1	611002	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2F17	1YXX		Sc=6.22029, min distance = 1.549040
TPK1_MOUSE	F1	65110	AIC	PURP_METJA	Fu	6083	aden	2R7M	2F17	2R7K	0.79	Sc=5.88002, min distance = 2.374880
TPK1_MOUSE	F1	656964	1y	PDE4D_HUMAN	Fu	6083	aden	1TB7	2F17	1Y2C		Sc=6.00586, min distance = 2.110216
TPK1_MOUSE	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2F17	1YXV		Sc=5.91707, min distance = 2.248985
TPK1_MOUSE	F1	82313	1rc	LYSC_CHICK	Fu	23831	HEF	2HUB	2F17	1LSZ		Sc=6.06177, min distance = 2.188310
TPK1_MOUSE	F1	91557	1tr	BLS_STRCL	Fu	6083	aden	1MC1	2F17	1JGT	0.97	Sc=6.07212, min distance = 1.773274
TPL_CITFR	Fu	22489152		TRPB_SALTY	Fu	445376	LF	2J9X	2VLF	2J9Y	0.94	Sc=6.41953, min distance = 2.020404
TPL_CITFR	Fu	444550	PI	TRPB_SALTY	Fu	445376	LF	2J9X	2VLF	2CLO	0.97	Sc=5.97358, min distance = 2.060090
TPL_CITFR	Fu	449408	PI	TRPB_SALTY	Fu	445376	LF	2J9X	2VLF	2TYS	0.82	Sc=6.60628, min distance = 2.080080
TPMT_HUMAN	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2BZG	1Z3C	0.91	Sc=6.56009, min distance = 2.310576
TPMT_HUMAN	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2BZG	1JG2	0.84	Sc=6.28585, min distance = 2.661910
TPMT_HUMAN	F1	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	2BZG	1QAQ	0.88	Sc=6.55295, min distance = 2.193520
TPMT_HUMAN	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2BZG	2HV9	0.88	Sc=6.55826, min distance = 2.224090
TPMT_MOUSE	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2GB4	1Z3C	0.91	Sc=6.56497, min distance = 2.233100
TPMT_MOUSE	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2GB4	1JQE	0.95	Sc=6.52055, min distance = 2.537120
TPMT_MOUSE	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2GB4	1JG2	0.84	Sc=6.2882, min distance = 2.7414630
TPMT_MOUSE	F1	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	2GB4	1QAQ	0.88	Sc=6.56009, min distance = 2.066380
TPMT_MOUSE	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2GB4	2HV9	0.88	Sc=6.56497, min distance = 2.157800
TRAR_RHISN	F1	445964	CI	TRAR_AGRTU	Fu	127293	Aa	1L3L	2Q00	1H0M		Sc=5.83085, min distance = 0.946080
TRDMT_HUMAN	I	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	1G55	1Z3C	0.91	Sc=6.54711, min distance = 2.133174
TRDMT_HUMAN	I	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1G55	1JQE	0.95	Sc=6.50944, min distance = 2.095680
TRDMT_HUMAN	I	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1G55	1JG2	0.84	Sc=6.24963, min distance = 2.193940
TRDMT_HUMAN	I	65482	sir	ERM_BACSU	Fu	439155	Ad	1QAN	1G55	1QAQ	0.88	Sc=6.56184, min distance = 2.209820
TRDMT_HUMAN	I	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	1G55	2HV9	0.88	Sc=6.54056, min distance = 2.218550
TRDMT_HUMAN	I	65482	sir	MTR1_RHOSH	Fu	439155	Ad	1NW7	1G55	1NW6	0.88	Sc=6.54269, min distance = 2.239350
TRDMT_HUMAN	I	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	1G55	2ZBR	0.88	Sc=6.55581, min distance = 2.117070
TREX1_MOUSE	I	20279	Cl	DCK_HUMAN	Fu	12599	dAM	2QRO	2IOC	2ZIA	0.94	Sc=6.02408, min distance = 1.967160
TREX1_MOUSE	I	3454	ganc	KITH_HHV11	Fu	9700	thyr	1VTK	3B60	1KI2		Sc=6.01576, min distance = 2.460890
TREX1_MOUSE	I	4725	pend	KITH_HHV11	Fu	9700	thyr	1VTK	3B60	1KI3		Sc=6.06585, min distance = 2.369750
TREX1_MOUSE	I	489519	AI	DCK_HUMAN	Fu	12599	dAM	2QRO	2IOC	2ZI4	0.95	Sc=5.9709, min distance = 2.6615550
TREX1_MOUSE	I	60825	lan	DCK_HUMAN	Fu	12599	dAM	2QRO	2IOC	2NOA		Sc=5.71389, min distance = 2.745310
TREX1_MOUSE	I	60877	Emt	DCK_HUMAN	Fu	12599	dAM	2QRO	2IOC	2NO6		Sc=5.74284, min distance = 2.644940
TRFE_HUMAN	F1	12136	Ber	POL_HV1N5	Fu	311	citri	2GON	2HAU	9HVP		Sc=5.6256, min distance = 0.7953950
TRFE_HUMAN	F1	16750041		PYRB_ECOLI	Fu	311	citri	1R0B	2HAU	2IPO		Sc=6.01588, min distance = 1.080940
TRFE_HUMAN	F1	51	2-Oxog	SERA_ECOLI	Fu	311	citri	2P9E	2HAU	1YBA	0.76	Sc=5.71244, min distance = 0.898260
TRFE_HUMAN	F1	5326566	1	Q9WZW1_THEMA	I	311	citri	1MRZ	2HAU	1S4M		Sc=6.36067, min distance = 0.992200
TRFL_BOVIN	F1	101798	Me	MBL1_RAT	Full	439353	be	2KMB	2DWJ	1KWU	0.94	Sc=5.80653, min distance = 2.363030

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TRFL_BOVIN	F1	12035	acd	FCN2_HUMAN	Fu	84265	lax	2J3F	2AYS	2J1G		Sc=5.76875, min distance = 0.392456
TRFL_BOVIN	F1	193758	va	CDGT2_BACCI	F1	79025	alp	1D3C	2DWJ	1DTU		Sc=5.95734, min distance = 0.791149
TRFL_BOVIN	F1	24180721		PIM1_HUMAN	Fu	60961	ade	1YI4	2DOJ	3C4E		Sc=5.65204, min distance = 2.203171
TRFL_BOVIN	F1	440552	1k	LECA_ARTIN	Fu	439353	be	1UGX	2DWJ	1UH1		Sc=5.99738, min distance = 1.689782
TRFL_BOVIN	F1	444139	CI	AMYP_PIG	Full	79025	alp	1HX0	2DWJ	1PIG		Sc=5.66645, min distance = 2.100046
TRFL_BOVIN	F1	444863	is	IGHG1_HUMAN	F1	444205	CI	1HZH	2G93	1L6X		Sc=5.76711, min distance = 0.558949
TRFL_BOVIN	F1	445948	D	Q9HYN5_PSEAE	I	439554	fu	1UZV	2DWA	1OXC		Sc=5.67966, min distance = 2.615401
TRFL_BOVIN	F1	446578	1r	Q8XXK6_RALSO	I	439554	fu	2BS6	2DWA	2BT9	0.96	Sc=5.69586, min distance = 2.395471
TRFL_BOVIN	F1	446996	GA	Q9HYN5_PSEAE	I	439353	be	1W8F	2DWJ	1W8H	0.89	Sc=5.76743, min distance = 2.468784
TRFL_BOVIN	F1	447026	NA	LYSC_CHICK	Fu	439353	be	1UC0	2DWJ	1LZG		Sc=5.95974, min distance = 2.126952
TRFL_BOVIN	F1	6083	ader	SYQ_ECOLI	Full	60961	ade	100B	2DOJ	1ZJW	0.96	Sc=6.15453, min distance = 2.301521
TRFL_BOVIN	F1	8975	2-F1	SAHH_MYCTU	Fu	60961	ade	3CE6	2DOJ	2ZJ0	0.99	Sc=5.97142, min distance = 2.500371
TRFL_HORSE	F1	439692	D	AMYB_BACCE	Fu	79025	alp	1VEM	3CR9	1J10		Sc=5.79208, min distance = 0.673072
TRFL_HORSE	F1	449225	3	XYLA_STROL	Fu	79025	alp	1S5M	3CR9	1XYC		Sc=5.88594, min distance = 1.914124
TRFL_HORSE	F1	449343	2g	XYLA_STROL	Fu	79025	alp	1S5M	3CR9	2GYI		Sc=5.69876, min distance = 2.274738
TRFL_HORSE	F1	892	myo-i	SFTPD_HUMAN	F1	79025	alp	1PWB	3CR9	2OS9		Sc=5.89302, min distance = 2.273572
TRFL_HORSE	F1	95259	L-x	XYLA_STRRU	Fu	79025	alp	1XIF	3CR9	1XIC		Sc=5.63305, min distance = 2.712881
TRM56_PYRHO	I	188350	5	MTNN_ECOLI	Fu	439176	Me	1Z50	2YY8	1NC1	0.76	Sc=6.29106, min distance = 1.841826
TRM56_PYRHO	I	445971	CI	METJ_ECOLI	Fu	34756	Acy	1CMC	2YY8	1MJL	0.92	Sc=6.09559, min distance = 2.043636
TRM56_PYRHO	I	446609	1y	MTNN_ECOLI	Fu	439176	Me	1Z50	2YY8	1Y6R		Sc=6.38652, min distance = 1.924181
TRM56_PYRHO	I	72443	for	MTAP_SULSO	Fu	439176	Me	1JDT	2YY8	1JDZ		Sc=6.35914, min distance = 1.651531
TRM8_YEAST	F1	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	2VDV	2JG3		Sc=6.3717, min distance = 2.1895784
TRM8_YEAST	F1	5326531	C	CHOMT_MEDSA	F1	34756	Acy	1FPQ	2VDV	1FP1	0.92	Sc=6.46274, min distance = 2.010804
TRMB_HUMAN	F1	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	3CKK	2JG3		Sc=6.36274, min distance = 0.930086
TRMB_HUMAN	F1	5326531	C	CHOMT_MEDSA	F1	34756	Acy	1FPQ	3CKK	1FP1	0.92	Sc=6.49517, min distance = 2.091859
TRMB_HUMAN	F1	6852187	2	Q70GK9_STRCT	I	34756	Acy	1RQP	3CKK	2CBX	0.84	Sc=6.12109, min distance = 1.813151
TRMD_ECOLI	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	1P9P	1JQE	0.95	Sc=6.08004, min distance = 1.943610
TRMD_HAEIN	F1	445762	5	MTTA_THEAQ	Fu	34756	Acy	2ADM	1UAK	2IH2	0.93	Sc=6.42538, min distance = 1.803921
TRMD_HAEIN	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	1UAL	1JG2	0.84	Sc=6.3343, min distance = 2.0883801
TRMD_HAEIN	F1	65482	sir	ERM_BACSU	Full	439155	Ad	1QAN	1UAL	1QAQ	0.88	Sc=5.78994, min distance = 2.155729
TRMI_THET2	F1	12771338		MCES_HUMAN	Fu	439155	Ad	3BGV	2PWY	3EPP	0.88	Sc=6.56394, min distance = 2.003082
TRMI_THET2	F1	188380	Ad	MCES_ENCCU	Fu	439155	Ad	1RI1	2PWY	1Z3C	0.91	Sc=6.55826, min distance = 2.043311
TRMI_THET2	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2PWY	1JQE	0.95	Sc=6.52429, min distance = 1.878061
TRMI_THET2	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2PWY	1JG2	0.84	Sc=6.22266, min distance = 2.613640
TRMI_THET2	F1	65482	sir	ERM_BACSU	Full	439155	Ad	1QAN	2PWY	1QAQ	0.88	Sc=6.56009, min distance = 2.003684
TRMI_THET2	F1	65482	sir	MCES_ENCCU	Fu	439155	Ad	1RI1	2PWY	2HV9	0.88	Sc=6.55, min distance = 1.992868531
TRMI_THET2	F1	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2PWY	2ZBR	0.88	Sc=6.55758, min distance = 2.216801

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TRN1_DATST	F1	15942680	6PGD_LACLM	Fu: 5886	NADF	2IZ0	1AE1	2IZ1		Sc=6.24429, min distance = 2.20377	
TRN1_DATST	F1	440141	9i	DHB1_HUMAN	Fu: 5886	NADF	1QYV	1AE1	1QYW	Sc=6.43295, min distance = 2.17239	
TRN1_DATST	F1	6022	Ader	HMDH_HUMAN	Fu: 5886	NADF	1DQA	1AE1	1HW8	Sc=6.02429, min distance = 1.80111	
TRN2_DATST	F1	440141	9i	G6PD_LEUME	Fu: 5886	NADF	1H9A	2AE2	1E7Y	Sc=6.44841, min distance = 1.99419	
TRN2_DATST	F1	6022	Ader	HMDH_HUMAN	Fu: 5886	NADF	1DQA	2AE2	1HW8	Sc=6.0294, min distance = 2.05768	
TRPA_THET2	F1	446640	Op	TRPA_SALTY	Fu: 3713	Indc	1QOP	1WXJ	1K8Z	0.78 Sc=6.1145, min distance = 2.50677	
TRPA_THET2	F1	51	2-Oxop	SERA_ECOLI	Fu: 311	citri	2P9E	1UJP	1YBA	0.76 Sc=5.71033, min distance = 0.65476	
TRPC_ECOLI	F1	444150	ir	TRPC_SULSO	Fu: 446446	1l	1LBF	1JCM	1A53	Sc=6.27053, min distance = 2.42052	
TRPC_ECOLI	F1	446894	CH	TRPC_SULSO	Fu: 446446	1l	1LBF	1JCM	1LBL	0.93 Sc=6.40245, min distance = 2.17537	
TRPC_SULSO	F1	11473003		TRPA_SALTY	Fu: 444150	in	2RH9	1A53	2CLH	Sc=6.09282, min distance = 2.14853	
TRPC_SULSO	F1	446640	Op	TRPA_SALTY	Fu: 444150	in	2RH9	1A53	1K8Z	Sc=6.17768, min distance = 2.01912	
TRPD_MYCTU	F1	14181	nic	NAMPT_HUMAN	F1	7339	PRPF	2E5C	1ZVW	2GVG	Sc=6.28152, min distance = 2.49256
TRPD_MYCTU	F1	6030	Urid	UPP_TOXGO	Fu: 7339	PRPF	1JLS	1ZVW	1UPU	Sc=6.23602, min distance = 1.93836	
TRPD_MYCTU	F1	6804	guar	HGXR_TOXGO	Fu: 7339	PRPF	1FSG	1ZVW	1QK3	Sc=6.35692, min distance = 2.22723	
TRPD_MYCTU	F1	73323	Xar	HGXR_TOXGO	Fu: 7339	PRPF	1FSG	1ZVW	1QK5	Sc=6.3438, min distance = 2.05669	
TRPD_MYCTU	F1	8582	Inos	HGXR_TOXGO	Fu: 7339	PRPF	1FSG	1ZVW	1QK4	Sc=5.96942, min distance = 2.27159	
TRPE_SALTY	F1	3081936	7	P95480_PSEFL	1	6305	L-tr	2AQJ	1I1Q	2AR8	0.9 Sc=6.1432, min distance = 2.21291
TRPE_SALTY	F1	71567	D-p	APX_STRGR	Fu: 6305	L-tr	1TF8	1I1Q	1TKH	Sc=5.89048, min distance = 2.54106	
TRPE_SERMA	F1	134497	4-	APX_STRGR	Fu: 6305	L-tr	1TF8	1I7S	1TF9	Sc=5.87045, min distance = 1.98768	
TRPE_SERMA	F1	3081936	7	P95480_PSEFL	1	6305	L-tr	2AQJ	1I7S	2AR8	0.9 Sc=6.17029, min distance = 2.02092
TRPE_SERMA	F1	6057	L-ty	CHMU_YEAST	Fu: 6305	L-tr	5CSM	1I7S	4CSM	Sc=6.01577, min distance = 1.98736	
TRPE_SERMA	F1	6140	L-ph	APX_STRGR	Fu: 6305	L-tr	1TF8	1I7S	1F2P	Sc=5.85311, min distance = 2.18148	
TRPE_SERMA	F1	71567	D-p	APX_STRGR	Fu: 6305	L-tr	1TF8	1I7S	1TKH	Sc=5.89196, min distance = 2.58458	
TRPM7_MOUSE	1	15993	dAT	RECA_MYCTU	Fu: 6022	Aden	1MO3	1IAH	1MO6	0.97 Sc=5.99741, min distance = 2.39473	
TRPM7_MOUSE	1	164628	de	PMS2_HUMAN	Fu: 6022	Aden	1EA6	1IAH	1H7U	Sc=5.98372, min distance = 2.27160	
TRPM7_MOUSE	1	23653515		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2R3F	Sc=6.04046, min distance = 2.42529	
TRPM7_MOUSE	1	23653516		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2R3G	Sc=6.16444, min distance = 2.05621	
TRPM7_MOUSE	1	23653518		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2R3J	Sc=6.22757, min distance = 1.90737	
TRPM7_MOUSE	1	23653519		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2R3K	Sc=6.12831, min distance = 1.80829	
TRPM7_MOUSE	1	23653520		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2R3L	Sc=6.1086, min distance = 2.20274	
TRPM7_MOUSE	1	24779674		CSK2A_MAIZE	F1	33113	gar	1LP4	1IA9	2PVH	Sc=6.13162, min distance = 2.48513
TRPM7_MOUSE	1	24832037		PGK1_HUMAN	Fu: 6022	Aden	2ZGV	1IAH	3C3C	Sc=6.30251, min distance = 2.26877	
TRPM7_MOUSE	1	24851689		PIM1_HUMAN	Fu: 33113	gar	1XR1	1IA9	3CY2	Sc=6.09468, min distance = 2.10941	
TRPM7_MOUSE	1	24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2VTR	Sc=6.03194, min distance = 1.96512	
TRPM7_MOUSE	1	24864081		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	2VTS	Sc=6.30078, min distance = 1.74379	
TRPM7_MOUSE	1	2608	1jst	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1IAH	1JSV	Sc=5.98467, min distance = 2.86135	
TRPM7_MOUSE	1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	1IA9	2ETK	Sc=6.10189, min distance = 1.60191

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TRPM7_MOUSE	1	3547 Fast	ROCK1_HUMAN	Fu	33113	gar	2V55	1IA9	2ESM		Sc=5.94592, min distance = 2.182410
TRPM7_MOUSE	1	36735 Gpp	CSK2A_MAIZE	Fu	33113	gar	1LP4	1IA9	1DAY	0.8	Sc=5.98042, min distance = 1.516640
TRPM7_MOUSE	1	440317 AT	BCKD_RAT	Full	6022	Aden	1GKZ	1IAH	1GJV	0.99	Sc=5.99719, min distance = 2.063190
TRPM7_MOUSE	1	440317 AT	RECA_MYCTU	Fu	6022	Aden	1MO3	1IAH	1MO4	0.99	Sc=6.00449, min distance = 2.020730
TRPM7_MOUSE	1	444564 AD	PDK2_RAT	Full	33113	gar	3CRL	1IA9	1JM6	0.91	Sc=5.99719, min distance = 2.532340
TRPM7_MOUSE	1	445940 O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1GZ8		Sc=6.12275, min distance = 1.688960
TRPM7_MOUSE	1	445966 O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1H0V		Sc=6.07456, min distance = 2.270680
TRPM7_MOUSE	1	446090 1H	NDKC_DICDI	Fu	6022	Aden	1KDN	1IAH	1HIY	0.97	Sc=5.98105, min distance = 2.266920
TRPM7_MOUSE	1	447017 CI	NDKC_DICDI	Fu	6022	Aden	1KDN	1IAH	1LWX		Sc=5.91368, min distance = 2.632470
TRPM7_MOUSE	1	447654 CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1OIT		Sc=6.13359, min distance = 2.782370
TRPM7_MOUSE	1	447821 CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1PF8		Sc=6.15826, min distance = 1.906820
TRPM7_MOUSE	1	447955 1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1PXI		Sc=5.74913, min distance = 1.947270
TRPM7_MOUSE	1	448042 2e	ROCK1_HUMAN	Fu	33113	gar	2V55	1IA9	2ETR		Sc=6.04583, min distance = 1.562760
TRPM7_MOUSE	1	448043 2c	ROCK1_HUMAN	Fu	33113	gar	2V55	1IA9	3D9V		Sc=6.02009, min distance = 2.326310
TRPM7_MOUSE	1	4564 1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1E1V		Sc=6.16177, min distance = 1.968360
TRPM7_MOUSE	1	5327097 2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	2BTS		Sc=5.87585, min distance = 1.945860
TRPM7_MOUSE	1	5327133 C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	2C6K		Sc=6.20874, min distance = 2.574030
TRPM7_MOUSE	1	5327134 C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	2C6L		Sc=6.29371, min distance = 2.818150
TRPM7_MOUSE	1	5327135 I	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	2C6M		Sc=6.22624, min distance = 2.493950
TRPM7_MOUSE	1	5327148 C	IPKA_RABIT	Fu	33113	gar	1CDK	1IA9	2ERZ		Sc=6.17438, min distance = 2.501770
TRPM7_MOUSE	1	5327148 C	IPKA_RABIT	Fu	6022	Aden	1JBP	1IAH	2ERZ		Sc=6.14509, min distance = 2.612790
TRPM7_MOUSE	1	5957 Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	1IAH	1Q12	0.99	Sc=6.02654, min distance = 1.660850
TRPM7_MOUSE	1	5957 Ader	MUTS_ECOLI	Fu	6022	Aden	1OH7	1IAH	1W7A	0.99	Sc=5.74996, min distance = 1.632660
TRPM7_MOUSE	1	5957 Ader	PDK2_HUMAN	Fu	6022	Aden	2BU8	1IAH	2BU2	0.99	Sc=6.0136, min distance = 2.2155130
TRPM7_MOUSE	1	5957 Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1IAH	2Z02	0.99	Sc=6.45906, min distance = 1.919380
TRPM7_MOUSE	1	6083 ader	ENTP2_RAT	Full	33113	gar	3CJA	1IA9	3CJ7	0.97	Sc=6.24257, min distance = 2.083150
TRPM7_MOUSE	1	6083 ader	PURP_METJA	Fu	6022	Aden	2R7N	1IAH	2R7M	0.99	Sc=5.89012, min distance = 2.442150
TRPM7_MOUSE	1	65051 ddT	NDKC_DICDI	Fu	6022	Aden	1KDN	1IAH	1F3F		Sc=5.9572, min distance = 0.6642030
TRPM7_MOUSE	1	6804 guar	NDK_PYRHO	Full	6022	Aden	2DYA	1IAH	2DXF	0.8	Sc=5.92099, min distance = 2.146640
TRPM7_MOUSE	1	72194 2-C	ENPL_CANFA	Fu	6022	Aden	1TC6	1IAH	1QYE	0.89	Sc=6.17898, min distance = 2.318710
TRPM7_MOUSE	1	8977 1dar	NDK_PYRHO	Full	6022	Aden	2DYA	1IAH	2DXE	0.8	Sc=5.70551, min distance = 2.384610
TRPM7_MOUSE	1	91532 AME	CHEA_THEMEA	Fu	33113	gar	1I59	1IA9	1I58	0.99	Sc=6.01166, min distance = 1.534000
TRPM7_MOUSE	1	91532 AME	PURT_ECOLI	Fu	33113	gar	1EYZ	1IA9	1KJI	0.99	Sc=6.03409, min distance = 1.450200
TRPM7_MOUSE	1	9547890 1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	1W8C		Sc=6.2412, min distance = 2.3267530
TRPM7_MOUSE	1	9994066 4	CDK2_HUMAN	Fu	6022	Aden	1GY3	1IAH	2VTJ		Sc=5.76546, min distance = 2.340030
TRPR_ECOLI	Fu	134497 4-	APX_STRGR	Full	6305	L-tr	1TF8	2OZ9	1TF9		Sc=5.73889, min distance = 2.088240
TRPR_ECOLI	Fu	3081936 7	P95480_PSEFL	1	6305	L-tr	2AQQ	2OZ9	2AR8	0.9	Sc=6.0163, min distance = 2.2203660

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TRPR_ECOLI	F1	6140	L-ph	APX_STRGR	Fu1	6305	L-tr	1TF8	20Z9	1F2P		Sc=5.70625, min distance = 2.051855	
TRPR_ECOLI	F1	6140	L-ph	THER_BACTH	Fu1	6305	L-tr	1THL	20Z9	10S0		Sc=5.69111, min distance = 2.043688	
TRXB_ECOLI	F1	11987634		TYTR_TRYCR	Fu1	444188	CI	1BZL	1TRB	1AOG	0.97	Sc=6.88291, min distance = 1.933955	
TRXB_ECOLI	F1	444502	CI	TYTR_TRYCR	Fu1	444188	CI	1BZL	1TRB	1GXF	0.98	Sc=6.88583, min distance = 1.919800	
TRXB_ECOLI	F1	446013	1,	O28603_ARCFU	1	444188	CI	1JNR	1TRB	1JNZ	0.94	Sc=6.88649, min distance = 2.358855	
TRXB_ECOLI	F1	449465	CI	GSHR_HUMAN	Fu1	444188	CI	3DK9	1TRB	3GRT	26.87	0.98	Sc=6.88612, min distance = 2.024412
TRXB_HELPY	F1	11987634		GLPD_ECOLI	Fu1	444188	CI	2QCU	2Q0L	2R4E	0.97	Sc=6.87539, min distance = 1.892495	
TRXB_HELPY	F1	15942680		6PGD_LACLM	Fu1	5886	NADF	2IZ0	2Q0L	2IZ1		Sc=6.28235, min distance = 1.060625	
TRXB_HELPY	F1	16740985		FRDA_SHEFR	Fu1	444188	CI	1M64	2Q0L	1E39	0.93	Sc=6.87105, min distance = 1.910508	
TRXB_HELPY	F1	444502	CI	FRDA_SHEFR	Fu1	444188	CI	1M64	2Q0L	1QJD	0.98	Sc=6.8696, min distance = 1.824024	
TRXB_HELPY	F1	444502	CI	TYTR_TRYCR	Fu1	444188	CI	1BZL	2Q0L	1GXF	0.98	Sc=6.87585, min distance = 2.055518	
TRXB_MYCTU	F1	15942680		6PGD_LACLM	Fu1	5886	NADF	2IZ0	2A87	2IZ1		Sc=6.14891, min distance = 2.737134	
TRXB_MYCTU	F1	440141	9i	DHB1_HUMAN	Fu1	5886	NADF	1QYV	2A87	1QYW		Sc=5.8999, min distance = 2.313824	
TRXB_MYCTU	F1	440141	9i	G6PD_LEUME	Fu1	5886	NADF	1H9A	2A87	1E7Y		Sc=6.32227, min distance = 2.351274	
TRXR1_HUMAN	1	11987634		GLPD_ECOLI	Fu1	444188	CI	2QCU	2CFY	2R4E	0.97	Sc=6.86971, min distance = 1.848418	
TRXR1_HUMAN	1	16740985		FRDA_SHEFR	Fu1	444188	CI	1M64	2CFY	1E39	0.93	Sc=6.87337, min distance = 2.219880	
TRXR1_HUMAN	1	444502	CI	FRDA_SHEFR	Fu1	444188	CI	1M64	2CFY	1QJD	0.98	Sc=6.87315, min distance = 2.251954	
TRXR1_HUMAN	1	444502	CI	TYTR_TRYCR	Fu1	444188	CI	1BZL	2CFY	1GXF	0.98	Sc=6.9074, min distance = 0.862431	
TRXR1_HUMAN	1	449465	CI	GSHR_HUMAN	Fu1	444188	CI	3DK9	2CFY	3GRT	0.98	Sc=6.87737, min distance = 2.279005	
TRXR1_RAT	Fu1	11987634		TYTR_TRYCR	Fu1	444188	CI	1BZL	3EAN	1AOG	32.47	0.97	Sc=6.87798, min distance = 2.364864
TRXR1_RAT	Fu1	444502	CI	GSHR_HUMAN	Fu1	444188	CI	3DK9	3EAN	1BWC	35.52	0.98	Sc=6.87334, min distance = 2.637875
TRXR1_RAT	Fu1	444502	CI	TYTR_TRYCR	Fu1	444188	CI	1BZL	3EAN	1GXF	32.47	0.98	Sc=6.87666, min distance = 2.501755
TRXR1_RAT	Fu1	446013	1,	O28603_ARCFU	1	444188	CI	1JNR	3EAN	1JNZ		0.94	Sc=6.8771, min distance = 2.056964
TRXR1_RAT	Fu1	449465	CI	GSHR_HUMAN	Fu1	444188	CI	3DK9	3EAN	3GRT	35.52	0.98	Sc=6.87844, min distance = 2.416232
TRXR2_MOUSE	1	11987634		GLPD_ECOLI	Fu1	444188	CI	2QCU	1ZKQ	2R4E	0.97	Sc=6.43004, min distance = 1.823434	
TRXR2_MOUSE	1	15942680		6PGD_LACLM	Fu1	5886	NADF	2IZ0	1ZDL	2IZ1		Sc=6.24675, min distance = 0.890120	
TRXR2_MOUSE	1	16740985		FRDA_SHEFR	Fu1	444188	CI	1M64	1ZKQ	1E39	0.93	Sc=6.42494, min distance = 2.270389	
TRXR2_MOUSE	1	444502	CI	FRDA_SHEFR	Fu1	444188	CI	1M64	1ZKQ	1QJD	0.98	Sc=6.86297, min distance = 2.245170	
TRXR2_MOUSE	1	446013	1,	O28604_ARCFU	1	444188	CI	1JNR	1ZKQ	1JNZ	0.94	Sc=6.87462, min distance = 2.300498	
TRXR2_MOUSE	1	448054	CI	FRDA_SHEFR	Fu1	444188	CI	1M64	1ZKQ	1Y0P	0.97	Sc=6.86397, min distance = 2.289592	
TRXR2_MOUSE	1	449465	CI	GSHR_HUMAN	Fu1	444188	CI	3DK9	1ZKQ	3GRT	0.98	Sc=6.86991, min distance = 2.593940	
TRY1_BOVIN	F1	11363491		THRB_HUMAN	Fu1	183797	Me	1K22	1K1P	2BXT	37.35	Sc=6.41662, min distance = 2.539820	
TRY1_BOVIN	F1	11363491		THRB_HUMAN	Fu1	5326920	1	1YPG	1Y3V	2BXT	37.35	Sc=6.47302, min distance = 2.600525	
TRY1_BOVIN	F1	11363491		THRB_HUMAN	Fu1	5326921	1	1YPE	1Y3W	2BXT	37.35	Sc=6.47943, min distance = 2.576810	
TRY1_BOVIN	F1	11398906		THRB_HUMAN	Fu1	5326920	1	1YPG	1Y3V	2BXU	37.35	Sc=6.51807, min distance = 2.643890	
TRY1_BOVIN	F1	11398906		THRB_HUMAN	Fu1	5326921	1	1YPE	1Y3W	2BXU	37.35	Sc=6.52585, min distance = 2.626610	
TRY1_BOVIN	F1	11398906		THRB_HUMAN	Fu1	5326922	1	1YPJ	1Y3X	2BXU	37.35	Sc=6.20885, min distance = 2.235530	

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TRY1_BOVIN	F1	11957380	THRB_HUMAN	Fu: 177837	1k	1YPK	1K1N	2BVR	37.35		Sc=6.47423, min distance = 2.159410
TRY1_BOVIN	F1	11957381	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	2BVS	37.35		Sc=5.79698, min distance = 2.690800
TRY1_BOVIN	F1	11963488	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	2A2X	37.35		Sc=6.235, min distance = 2.34245290
TRY1_BOVIN	F1	11963489	THRB_HUMAN	Fu: 177837	1k	1YPK	1K1N	2ANK	37.35		Sc=5.81285, min distance = 2.240820
TRY1_BOVIN	F1	11963489	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	2ANK	37.35		Sc=6.37769, min distance = 2.431360
TRY1_BOVIN	F1	11963495	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	2CN0	37.35		Sc=6.35813, min distance = 2.135130
TRY1_BOVIN	F1	11963495	THRB_HUMAN	Fu: 5326921	1	1YPE	1Y3W	2CN0	37.35		Sc=6.3484, min distance = 2.1456770
TRY1_BOVIN	F1	24752833	FA10_HUMAN	Fu: 9600423	1	1G2L	1OYQ	2EI7	55.9		Sc=6.56066, min distance = 2.607680
TRY1_BOVIN	F1	4369429	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	1Z71	37.35		Sc=6.48731, min distance = 2.449170
TRY1_BOVIN	F1	445001	THRB_HUMAN	Fu: 1746	CID1	1C5N	1C5Q	1D6W	37.35		Sc=6.13611, min distance = 2.110250
TRY1_BOVIN	F1	446607	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	1K21	37.35		Sc=6.04468, min distance = 2.318040
TRY1_BOVIN	F1	446607	THRB_HUMAN	Fu: 5326921	1	1YPE	1Y3W	1K21	37.35		Sc=6.2031, min distance = 2.3776890
TRY1_BOVIN	F1	446607	THRB_HUMAN	Fu: 5326922	1	1YPJ	1Y3X	1K21	37.35		Sc=6.11034, min distance = 2.145830
TRY1_BOVIN	F1	447193	FA10_HUMAN	Fu: 5497056	1	1EZQ	1F0U	1MQ5	55.9		Sc=6.43884, min distance = 2.318350
TRY1_BOVIN	F1	447464	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	1NZQ	37.35		Sc=6.31535, min distance = 2.159770
TRY1_BOVIN	F1	447464	THRB_HUMAN	Fu: 5326922	1	1YPJ	1Y3X	1NZQ	37.35		Sc=6.30823, min distance = 2.353190
TRY1_BOVIN	F1	448200	THRB_HUMAN	Fu: 1746	CID1	1C5N	1C5Q	1QUR	37.35		Sc=6.17457, min distance = 2.496930
TRY1_BOVIN	F1	448677	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	1TA6	37.35		Sc=6.56656, min distance = 2.040470
TRY1_BOVIN	F1	448763	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	1TOM	37.35	0.75	Sc=6.44622, min distance = 2.527470
TRY1_BOVIN	F1	5287492	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	1ZGI	37.35		Sc=6.45331, min distance = 2.698820
TRY1_BOVIN	F1	5287492	THRB_HUMAN	Fu: 5326921	1	1YPE	1Y3W	1ZGI	37.35		Sc=6.44852, min distance = 2.690010
TRY1_BOVIN	F1	5287492	THRB_HUMAN	Fu: 5326922	1	1YPJ	1Y3X	1ZGI	37.35		Sc=6.37091, min distance = 2.481330
TRY1_BOVIN	F1	5326968	THRB_HUMAN	Fu: 1746	CID1	1C5N	1C5Q	1ZGV	37.35		Sc=6.52616, min distance = 2.095040
TRY1_BOVIN	F1	656916	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	1SL3	37.35		Sc=6.6481, min distance = 2.5971420
TRY1_BOVIN	F1	6852188	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	2FES	37.35	0.78	Sc=6.30705, min distance = 2.239460
TRY1_BOVIN	F1	6914575	THRB_HUMAN	Fu: 183797	Me	1K22	1K1P	2ANM	37.35		Sc=6.34783, min distance = 2.095430
TRY1_BOVIN	F1	6914586	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	2CF8	37.35		Sc=6.38992, min distance = 2.310330
TRY1_BOVIN	F1	6914588	THRB_HUMAN	Fu: 5326920	1	1YPG	1Y3V	2CF9	37.35	0.88	Sc=6.33706, min distance = 2.494400
TRY1_BOVIN	F1	6914588	THRB_HUMAN	Fu: 5326921	1	1YPE	1Y3W	2CF9	37.35	0.89	Sc=6.3406, min distance = 2.3793830
TRY2_RAT	Fu1	445756	TRY1_BOVIN	Fu: 446399	1q	1V2K	1J17	1G36			Sc=6.5367, min distance = 2.4603020
TRY2_RAT	Fu1	5326514	TRY1_BOVIN	Fu: 446399	1q	1V2K	1J17	1F0T			Sc=6.44024, min distance = 2.635000
TRY2_RAT	Fu1	5326542	TRY1_BOVIN	Fu: 446399	1q	1V2K	1J17	1GHZ			Sc=6.21434, min distance = 2.654280
TRY2_RAT	Fu1	5326923	TRY1_BOVIN	Fu: 446399	1q	1V2K	1J17	1Y3Y			Sc=6.19039, min distance = 2.333520
TRYB2_HUMAN	I	1746	TRY1_BOVIN	Fu: 13624	1H-	2FX6	2FPZ	1C5Q	37.61		Sc=5.86193, min distance = 1.460100
TRYB2_HUMAN	I	1800	TRY1_BOVIN	Fu: 13624	1H-	2FX6	2FPZ	1C2K	37.61	0.86	Sc=5.98351, min distance = 2.019160
TRYB2_HUMAN	I	2014	TRY1_BOVIN	Fu: 13624	1H-	2FX6	2FPZ	1BJU	37.61		Sc=6.3524, min distance = 2.0546630
TRYB2_HUMAN	I	444753	TRY1_BOVIN	Fu: 13624	1H-	2FX6	2FPZ	1C5S	37.61		Sc=5.83511, min distance = 2.070380

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TRYB2_HUMAN	1	5496535	2	TRY1_BOVIN	Fu	13624	1H-	2FX6	2FPZ	1G3B	37.61	Sc=6.3645, min distance = 1.095691
TSPE_BPP22	F	151504	D	CARP_YEAST	Fu	185698	a1	1DPJ	1TYU	1FQ5		Sc=5.60996, min distance = 2.777070
TSPE_BPP22	F	151504	D	CONA_CANEN	Fu	185698	a1	1CVN	1TYU	1I3H		Sc=5.75061, min distance = 1.718710
TSPE_BPP22	F	16741013		CARP_YEAST	Fu	185698	a1	1DPJ	1TYU	1FQ6		Sc=5.64592, min distance = 2.236776
TSPE_BPP22	F	445184	1	Q6PYX1_HUMAN	1	185698	a1	1ZLS	1TYU	1ZLW	0.89	Sc=5.74599, min distance = 2.343736
TSPE_BPP22	F	447364	4	Q0VDX6_MOUSE	1	439357	ga	1MFA	1TYU	1NGP		Sc=5.87934, min distance = 2.494102
TSPE_BPSFV	F	10367	Dip	LYSC_CHICK	Fu	24139	ace	1LZB	2VBM	2PC2		Sc=5.95073, min distance = 2.043894
TSPE_BPSFV	F	444705	TF	IGKC_MOUSE	Fu	24139	ace	3BZ4	2VBM	1C12		Sc=6.19311, min distance = 2.069382
TSX_ECOLI	Fu	13711	dec	DNK_DROME	Fu	5789	thyr	1OT3	1TLW	2VP5		Sc=6.05481, min distance = 2.697401
TSX_ECOLI	Fu	1855	CID1	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1E2P		Sc=6.09312, min distance = 2.037889
TSX_ECOLI	Fu	3454	ganc	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1KI2		Sc=6.23466, min distance = 2.165111
TSX_ECOLI	Fu	445210	9-	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1E2I		Sc=5.97025, min distance = 0
TSX_ECOLI	Fu	445211	9-	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1E2I		Sc=5.96318, min distance = 0
TSX_ECOLI	Fu	445212	1e	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1E2K		Sc=6.19115, min distance = 1.910076
TSX_ECOLI	Fu	445213	HY	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1E2N		Sc=6.35932, min distance = 2.477870
TSX_ECOLI	Fu	446725	BV	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1KI4		Sc=6.25916, min distance = 2.535464
TSX_ECOLI	Fu	446726	AI	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1KI6	0.77	Sc=6.13326, min distance = 2.456154
TSX_ECOLI	Fu	447628	[	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1OF1		Sc=6.19851, min distance = 2.624852
TSX_ECOLI	Fu	448110	HE	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1QHI		Sc=6.38739, min distance = 2.121782
TSX_ECOLI	Fu	4725	pend	KITH_HHV11	Fu	5789	thyr	1P7C	1TLW	1KI3		Sc=6.22223, min distance = 2.073725
TTHY_HUMAN	F	1530	PhIE	ESR1_HUMAN	Fu	448537	di	3ERD	1TT6	2QXM		Sc=5.70267, min distance = 2.591601
TVA1_MOUSE	F	447053	CI	IGHG1_HUMAN	F	439554	fu	1HZH	1TCR	2IWG	35.78	Sc=5.68238, min distance = 1.843066
TY3H_RAT	Fu	133246	di	NOS2_MOUSE	Fu	445040	6-	3E6N	2TOH	3DWJ		Sc=6.06479, min distance = 2.347266
TY3H_RAT	Fu	444951	CI	PH4H_HUMAN	Fu	445040	6-	1DMW	2TOH	1MMK		Sc=6.07741, min distance = 2.088127
TY3H_RAT	Fu	9547941	4	NOS1_RAT	Fu	445040	6-	2G6I	2TOH	2G6J	0.79	Sc=6.04982, min distance = 2.270181
TYRA_HAEIN	F	169266	1	GALE_HUMAN	Fu	5893	nadi	1HZJ	2PV7	1I3K	0.79	Sc=6.75597, min distance = 1.992861
TYRA_HAEIN	F	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2PV7	1UDB	0.79	Sc=6.74888, min distance = 2.026550
TYRA_HAEIN	F	446050	CI	G3P_HUMAN	Fu	5893	nadi	1U8F	2PV7	3GPD	0.95	Sc=6.76086, min distance = 1.303299
TYRA_HAEIN	F	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	2PV7	1IHX		Sc=6.8042, min distance = 1.0041314
TYRA_HAEIN	F	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	2PV7	1GZ4		Sc=6.51057, min distance = 1.036322
TYRA_HAEIN	F	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	2PV7	2BJA		Sc=6.26431, min distance = 2.009859
TYRO3_HUMAN	1	24139	ace	IGKC_MOUSE	Fu	23831	HEP	1P7K	1RHF	3BZ4		Sc=5.71122, min distance = 2.003906
TYSY1_BACSU	1	13712	dec	TYSY_ECOLI	Fu	444412	5-	1TLS	1B02	1BDU		Sc=6.05202, min distance = 2.182416
TYSY1_BACSU	1	149015	5-	TYSY_ECOLI	Fu	444412	5-	1TLS	1B02	3B5B		Sc=5.82952, min distance = 2.443072
TYSY1_BACSU	1	65063	dUM	TYSY_ECOLI	Fu	444412	5-	1TLS	1B02	1AXW		Sc=6.19166, min distance = 2.219908
TYSY1_BACSU	1	9700	thyr	TYSY_ECOLI	Fu	444412	5-	1TLS	1B02	1TYS		Sc=6.26491, min distance = 2.432008
TYSY_ECOLI	F	13945	Dec	TYSY_LACCA	Fu	65063	dUM	1JMG	1AXW	1NJE	51.14	Sc=6.11175, min distance = 2.618221

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TYSY_ECOLI	F1	1855	CID1	KITH_HHV11	Fu:	9700	thyr	1VTK	1TYS	1E2P			Sc=6.05292, min distance = 2.727448	
TYSY_ECOLI	F1	445210	9	KITH_HHV11	Fu:	9700	thyr	1VTK	1TYS	1E2I			Sc=5.87934, min distance = 0	
TYSY_ECOLI	F1	445213	HY	KITH_HHV11	Fu:	9700	thyr	1VTK	1TYS	1E2N			Sc=6.33515, min distance = 2.174019	
TYSY_ECOLI	F1	445269	CI	KTHY_MYCTU	Fu:	9700	thyr	1GTV	1TYS	1W2H		0.85	Sc=6.32215, min distance = 1.316681	
TYSY_ECOLI	F1	446556	Pe	TYSY_HUMAN	Fu:	65063	dUM	1I00	1AXW	1JU6		52.45	Sc=6.06988, min distance = 2.740751	
TYSY_ECOLI	F1	447628	[	KITH_HHV11	Fu:	9700	thyr	1VTK	1TYS	1OF1			Sc=6.16333, min distance = 2.215330	
TYSY_ECOLI	F1	5578	trin	PTR1_LEIMA	Fu:	443388	PD	2BFA	1TRG	2BFM			Sc=5.95476, min distance = 0.367481	
TYSY_ECOLI	F1	8642	Poly	THYX_THEMEA	Fu:	65063	dUM	1O26	1AXW	1O29		0.93	Sc=6.22437, min distance = 2.115134	
TYSY_HUMAN	F1	13945	Dec	TYSY_LACCA	Fu:	65063	dUM	1JMG	1I00	1NJE		44.13	0.82 Sc=6.12776, min distance = 2.834242	
TYSY_HUMAN	F1	149015	5	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1I00	3B5B		52.45	0.85 Sc=6.34856, min distance = 1.412372	
TYSY_HUMAN	F1	150856	5	PYR5_HUMAN	Fu:	65063	dUM	2QCH	1I00	2QCF			0.91 Sc=5.87115, min distance = 1.845941	
TYSY_HUMAN	F1	150973	5	PYR5_HUMAN	Fu:	65063	dUM	2QCH	1I00	2QCG			0.88 Sc=5.88673, min distance = 1.377904	
TYSY_HUMAN	F1	17749721		PYR5_HUMAN	Fu:	65063	dUM	2QCH	1I00	2QCM			0.85 Sc=5.92048, min distance = 1.986038	
TYSY_HUMAN	F1	444320	2	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1I00	1AOB		52.45	0.88 Sc=6.08479, min distance = 1.294951	
TYSY_HUMAN	F1	445503	N	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1I00	1F4C		52.45		Sc=5.99625, min distance = 1.777039
TYSY_HUMAN	F1	448692	UE	TYSY_LACCA	Fu:	65063	dUM	1JMG	1I00	1VZC		44.13	0.93	Sc=6.10116, min distance = 2.471819
TYSY_HUMAN	F1	448782	CI	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1I00	1TSN		52.45	0.8	Sc=6.28439, min distance = 0.628580
TYSY_HUMAN	F1	6030	Uric	PYR5_HUMAN	Fu:	65063	dUM	2QCH	1I00	2V30			0.97	Sc=5.86071, min distance = 1.982649
TYSY_HUMAN	F1	65059	Dec	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1I00	1TLC		52.45		Sc=6.43759, min distance = 0.687262
TYSY_HUMAN	F1	9700	thyr	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1I00	1TYS		52.45	0.91	Sc=6.33985, min distance = 1.312070
TYSY_LACCA	F1	149015	5	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1JMG	3B5B		51.47	0.85	Sc=6.27987, min distance = 2.199447
TYSY_LACCA	F1	150856	5	PYR5_HUMAN	Fu:	65063	dUM	2QCH	1JMG	2QCF			0.91	Sc=6.20862, min distance = 2.182164
TYSY_LACCA	F1	159354	Tc	DCK_HUMAN	Fu:	13945	Dec	2QRN	1NJE	2NO7			0.93	Sc=5.99204, min distance = 2.347570
TYSY_LACCA	F1	160617	Ox	PYR5_HUMAN	Fu:	65063	dUM	2QCH	1JMG	2QCL			0.83	Sc=5.90843, min distance = 1.999562
TYSY_LACCA	F1	444320	2	TYSY_ECOLI	Fu:	443388	PD	1TRG	1TVV	1AOB		51.47		Sc=5.9065, min distance = 2.1314570
TYSY_LACCA	F1	445132	1x	PYR5_HUMAN	Fu:	65063	dUM	2QCH	1JMG	3BGG			0.78	Sc=5.7874, min distance = 1.9151274
TYSY_LACCA	F1	445503	N	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1JMG	1F4C		51.47		Sc=5.66869, min distance = 2.090741
TYSY_LACCA	F1	65059	Dec	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1JMG	1TLC		51.47		Sc=6.34047, min distance = 2.104061
TYSY_LACCA	F1	9700	thyr	TYSY_ECOLI	Fu:	65063	dUM	1AXW	1JMG	1TYS		51.47	0.91	Sc=5.91171, min distance = 2.135449
TYSY_PNECA	F1	446560	1j	TYSY_ECOLI	Fu:	60863	Fol	1TSD	1F28	1JUT				Sc=6.12196, min distance = 1.769840
TYSY_PNECA	F1	448782	CI	TYSY_ECOLI	Fu:	60863	Fol	1TSD	1F28	1TSN				Sc=6.22638, min distance = 1.955030
TYSY_PNECA	F1	65059	Dec	TYSY_ECOLI	Fu:	60863	Fol	1TSD	1F28	1TLC				Sc=5.8787, min distance = 2.1540450
TYSY_PNECA	F1	9700	thyr	TYSY_ECOLI	Fu:	60863	Fol	1TSD	1F28	1TYS				Sc=6.26145, min distance = 2.052431
TYSY_RAT	Ful:	150856	5	PYR5_HUMAN	Fu:	65063	dUM	2QCH	2TSR	2QCF			0.91	Sc=5.82178, min distance = 1.953892
TYSY_RAT	Ful:	150973	5	PYR5_HUMAN	Fu:	65063	dUM	2QCH	2TSR	2QCG			0.88	Sc=5.93426, min distance = 1.007450
TYSY_RAT	Ful:	17749721		PYR5_HUMAN	Fu:	65063	dUM	2QCH	2TSR	2QCM			0.85	Sc=5.87745, min distance = 1.664439
TYSY_RAT	Ful:	444320	2	TYSY_ECOLI	Fu:	65063	dUM	1AXW	2TSR	1AOB			0.88	Sc=6.07737, min distance = 1.315071

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TYSY_RAT Ful: 445504 T	TYSY_ECOLI Fu: 65063 dUM 1AXW	2TSR	1F4E		Sc=5.88274, min distance = 1.548567
TYSY_RAT Ful: 448782 CI	TYSY_ECOLI Fu: 65063 dUM 1AXW	2TSR	1TSN	0.8	Sc=6.28071, min distance = 1.149666
TYSY_RAT Ful: 6030 Urid	PYR5_HUMAN Fu: 65063 dUM 2QCH	2TSR	2V30	0.97	Sc=5.9247, min distance = 1.1839336
TYSY_RAT Ful: 8642 Poly	THYX_THEMA Fu: 65063 dUM 1O26	2TSR	1O29	0.93	Sc=6.18647, min distance = 2.352184
TYTR_CRIFA F1 11492134	FMS1_YEAST Fu: 1102 sper 3CN8	1TYP	3CNP		Sc=5.78227, min distance = 2.614086
TYTR_CRIFA F1 11987634	TYTR_TRYCR Fu: 444188 CI 1BZL	1FEC	1AOG	70.06	0.97 Sc=6.8877, min distance = 2.5619385
TYTR_CRIFA F1 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1FEC	1E39		0.93 Sc=6.88241, min distance = 2.042055
TYTR_CRIFA F1 444502 CI	FRDA_SHEFR Fu: 444188 CI 1M64	1FEC	1QJD		0.98 Sc=6.88291, min distance = 1.966772
TYTR_CRIFA F1 444502 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1FEC	1BWC	35.63	0.98 Sc=6.88203, min distance = 2.667005
TYTR_CRIFA F1 444502 CI	TYTR_TRYCR Fu: 444188 CI 1BZL	1FEC	1GXF	70.06	0.98 Sc=6.8877, min distance = 2.4049395
TYTR_TRYCR F1 16740985	FRDA_SHEFR Fu: 444188 CI 1M64	1BZL	1E39		0.93 Sc=6.86696, min distance = 1.946585
TYTR_TRYCR F1 16740985	FRDA_SHEFR Fu: 444502 CI 1QJD	1GXF	1E39		0.92 Sc=6.42494, min distance = 2.229535
TYTR_TRYCR F1 444563 CI	FRDA_SHEFR Fu: 444502 CI 1QJD	1GXF	1P2E		0.98 Sc=6.14214, min distance = 2.262804
TYTR_TRYCR F1 444969 CI	FRDA_SHEFR Fu: 444502 CI 1QJD	1GXF	1JRY		0.98 Sc=6.14498, min distance = 2.218805
TYTR_TRYCR F1 446546 CI	FRDA_SHEFR Fu: 444502 CI 1QJD	1GXF	1KSS		0.98 Sc=6.86798, min distance = 2.229886
TYTR_TRYCR F1 448054 CI	FRDA_SHEFR Fu: 444502 CI 1QJD	1GXF	1Y0P		0.95 Sc=6.86316, min distance = 2.204815
TYTR_TRYCR F1 449465 CI	GSHR_HUMAN Fu: 444188 CI 3DK9	1BZL	3GRT	36.08	0.98 Sc=6.8696, min distance = 2.3541565
TYTR_TRYCR F1 449465 CI	GSHR_HUMAN Fu: 444502 CI 1BWC	1GXF	3GRT	36.08	0.97 Sc=6.87057, min distance = 2.061596
UAP56_HUMAN I 439183 I	TPIS_TRYBB Fu: 311 citri 2VEK	1T6N	1IIH		Sc=5.69042, min distance = 1.479585
UAP56_HUMAN I 444564 A	MYS2_DICDI Fu: 6022 Aden 1VOM	1XTJ	1W9I	0.91	Sc=5.90371, min distance = 2.010475
UAP56_HUMAN I 447376 2	ACON_BOVIN Fu: 311 citri 1C96	1T6N	1NIS		Sc=5.84277, min distance = 2.120785
UAP56_HUMAN I 447530	SRC_HUMAN Fu: 311 citri 1O4L	1T6N	1O4F		Sc=5.92928, min distance = 2.089505
UAP56_HUMAN I 4797 1tpw	TPIS_TRYBB Fu: 311 citri 2VEK	1T6N	1TTJ		Sc=5.61138, min distance = 1.727125
UAP56_HUMAN I 51 2-Oxop	SERA_ECOLI Fu: 311 citri 2P9E	1T6N	1YBA	0.76	Sc=5.75724, min distance = 1.218265
UAP56_HUMAN I 5327148 C	IPKA_RABIT Fu: 6022 Aden 1JBP	1XTJ	2ERZ		Sc=6.02435, min distance = 2.520665
UAP56_HUMAN I 91532 AME	KIF1A_MOUSE F1 6022 Aden 1I5S	1XTJ	1I6I	0.99	Sc=5.99266, min distance = 2.473355
UAP56_HUMAN I 91532 AME	NIFH1_AZOVI F1 6022 Aden 1FP6	1XTJ	2AFK	0.99	Sc=6.12623, min distance = 2.312056
UAP56_HUMAN I 9991833 S	CDK2_HUMAN Fu: 6022 Aden 1GY3	1XTJ	2R3H		Sc=6.01393, min distance = 1.921296
UBA3_HUMAN F1 15602983	KAPCA_BOVIN F1 5957 Aden 1Q24	2NVU	2UW5		Sc=6.12698, min distance = 2.385656
UBA3_HUMAN F1 3547 Fasu	KAPCA_BOVIN F1 5957 Aden 1Q24	2NVU	1Q8W		Sc=5.99195, min distance = 2.245865
UBA3_HUMAN F1 448042 2e	KAPCA_BOVIN F1 5957 Aden 1Q24	2NVU	1Q8T		Sc=6.17099, min distance = 2.215734
UBA3_HUMAN F1 6022 Ader	REX_BACSU Fu: 5957 Aden 2VT3	2NVU	2VT2	0.99	Sc=6.4463, min distance = 1.9606375
UBID_ECOLI F1 16231 AMI	UROK_HUMAN Fu: 62551 Pen 2O8T	2IDB	1F5L		Sc=6.00649, min distance = 1.056805
UBID_ECOLI F1 185698 a	ACES_TORCA Fu: 62551 Pen 2BAG	2IDB	1U65		Sc=5.63307, min distance = 2.056615
UCK1_HUMAN F1 165388 Ca	PUR7_ECOLI Fu: 6022 Aden 2GQR	2UVQ	2GQS		Sc=5.69439, min distance = 2.224695
UCK1_HUMAN F1 445940 O6	CDK2_HUMAN Fu: 6022 Aden 1GY3	2UVQ	1GZ8		Sc=6.09716, min distance = 2.169804
UCK1_HUMAN F1 5957 Ader	ARP2_BOVIN Fu: 6022 Aden 2P9I	2UVQ	1TYQ	0.99	Sc=6.02166, min distance = 2.025926

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UCK1_HUMAN	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2UVQ	1A82	0.99	Sc=6.04463, min distance = 2.039220
UCK1_HUMAN	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	2UVQ	3C4W	0.99	Sc=6.04518, min distance = 2.103612
UCK1_HUMAN	F1	6175	cyti	UCK2_HUMAN	Fu	6022	Aden	1UJ2	2UVQ	1UEJ		Sc=6.10699, min distance = 2.160708
UCK1_HUMAN	F1	8977	ldar	PARM_ECOLX	Fu	6022	Aden	1MWM	2UVQ	2ZGY	0.8	Sc=5.9948, min distance = 2.1280105
UCK1_HUMAN	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2UVQ	1DAG	0.99	Sc=6.05577, min distance = 2.235587
UCK2_HUMAN	F1	439459	Hc	NIFK_KLEPN	Fu	311	citri	1H1L	1UEJ	1QGU	0.92	Sc=6.02445, min distance = 1.977530
UCK2_HUMAN	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UJ2	1GZ8		Sc=5.9709, min distance = 2.4257562
UCK2_HUMAN	F1	447530		SRC_HUMAN	Fu	311	citri	1O4L	1UEJ	1O4F		Sc=5.86818, min distance = 2.209226
UCK2_HUMAN	F1	447532	1c	SRC_HUMAN	Fu	311	citri	1O4L	1UEJ	1O4H		Sc=5.9047, min distance = 2.1843912
UCK2_HUMAN	F1	447916	ad	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1UJ2	1ZTF	0.95	Sc=5.73793, min distance = 2.805258
UCK2_HUMAN	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UJ2	1PXI		Sc=5.62059, min distance = 3.059152
UCK2_HUMAN	F1	448310	CI	KIPN_BPT4	Fu	6022	Aden	1LTQ	1UJ2	1RC8		Sc=5.88749, min distance = 1.999412
UCK2_HUMAN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UJ2	1H1R		Sc=6.04748, min distance = 2.563952
UCK2_HUMAN	F1	51	2-Oxop	SERA_ECOLI	Fu	311	citri	2P9E	1UEJ	1YBA	0.76	Sc=5.72242, min distance = 0.651494
UCK2_HUMAN	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1UJ2	2ERZ		Sc=6.05838, min distance = 2.687670
UCK2_HUMAN	F1	5957	Ader	PUR7_METJA	Fu	6022	Aden	2YZL	1UJ2	2Z02	0.99	Sc=5.98479, min distance = 1.235767
UCK2_HUMAN	F1	6031	Urid	ECX1_PYRAB	Fu	6022	Aden	2PO0	1UJ2	2PNZ		Sc=5.76632, min distance = 2.033555
UCK2_HUMAN	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1UJ2	2VII	0.99	Sc=6.32324, min distance = 2.135865
UCK2_HUMAN	F1	6102712	C	PYRB_ECOLI	Fu	311	citri	1R0B	1UEJ	2AIR		Sc=5.73127, min distance = 0.408702
UCK2_HUMAN	F1	6132	Cyti	ECX1_PYRAB	Fu	6022	Aden	2PO0	1UJ2	2PO2		Sc=5.76383, min distance = 2.189484
UCK2_HUMAN	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1UJ2	2PO2		Sc=5.75562, min distance = 2.041276
UCK2_HUMAN	F1	6961	PYRC	FUMC_ECOLI	Fu	311	citri	1FUO	1UEJ	1FUP		Sc=5.88517, min distance = 1.967606
UDG_STRPY	Fu	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	1DLJ	2PKR		Sc=6.06697, min distance = 2.245277
UDG_STRPY	Fu	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	1DLJ	2FZE		Sc=6.16707, min distance = 2.057389
UDG_STRPY	Fu	5957	Ader	MAOM_HUMAN	Fu	5893	nadi	1PJ3	1DLJ	1GZ4		Sc=6.4726, min distance = 1.6830285
UGDH_HUMAN	F1	446288	NA	G3P_PALVE	Fu	5893	nadi	1DSS	2Q3E	1IHX		Sc=6.80736, min distance = 0.900987
UGL_BACGL	Fu	185698	al	Q9HYN5_PSEAE	1	82313	1rd	1W8H	2FV1	1OVS		Sc=5.87155, min distance = 0.812744
UGL_BACGL	Fu	441478	gl	CSLB_PEDHE	Fu	445037	D-	1OFL	2FV1	1OFM		Sc=6.01317, min distance = 1.197399
UGL_BACGL	Fu	441478	gl	HYSA_STRPN	Fu	445037	D-	1OJN	2FV1	1LXK		Sc=5.88416, min distance = 2.306362
UGL_BACGL	Fu	444762	CI	HYSA_STRPN	Fu	445037	D-	1OJN	2FV1	1C82	0.85	Sc=5.79104, min distance = 2.165940
UGL_BACGL	Fu	5326754	S	PHSM_ECOLI	Fu	64689	bet	2ASV	2FV0	1QM5	0.88	Sc=5.60314, min distance = 1.414034
UMPK_YEAST	F1	440317	AT	SRC_CHICK	Fu	6083	aden	3DQX	1UKZ	3DQW	0.97	Sc=6.4727, min distance = 1.2683670
UMPK_YEAST	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1UKZ	1BS1	0.91	Sc=5.96375, min distance = 2.225916
UMPK_YEAST	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1UKZ	1H1R		Sc=6.11845, min distance = 2.071035
UMPK_YEAST	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	1UKZ	1A82	0.99	Sc=6.02422, min distance = 2.097982
UMPK_YEAST	F1	5957	Ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1UKZ	2C96	0.99	Sc=6.04654, min distance = 2.295288
UMPK_YEAST	F1	5957	Ader	RK_BOVIN	Full	6022	Aden	3C4Z	1UKZ	3C4W	0.99	Sc=6.02675, min distance = 2.002782

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UMPK_YEAST	Ft	5957	Ader	SECA_ECOLI	Fu	6022	Aden	2FSI	1UKZ	2FSG	0.99	Sc=6.01026, min distance = 2.50510
UMPK_YEAST	Ft	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1UKZ	2ZIA		Sc=5.6905, min distance = 2.394425
UMPK_YEAST	Ft	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1UKZ	2PO2		Sc=5.82615, min distance = 2.15162
UMPK_YEAST	Ft	65110	AIC	YL28_SCHPO	Fu	6083	aden	2OOX	1UKZ	2QRE	0.79	Sc=6.32844, min distance = 1.86517
UMPK_YEAST	Ft	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	1UKZ	1YXV		Sc=5.85955, min distance = 2.46685
UMPK_YEAST	Ft	8582	Inos	PURA1_MOUSE	Fu	6083	aden	1MF0	1UKZ	1IWE	0.79	Sc=6.39465, min distance = 0.88900
UMPK_YEAST	Ft	8582	Inos	PYGM_RABIT	Fu	6083	aden	8GPB	1UKZ	2QN7	0.79	Sc=6.36984, min distance = 2.41203
UPPS_MYCTU	Ft	1195	isop	ISPA_ECOLI	Fu	448400	IS	1RQI	2VG2	1RQJ		Sc=5.73796, min distance = 1.97971
UPPS_MYCTU	Ft	1195	isop	Q95WL3_TRYCR	I	448400	IS	1YHL	2VG2	1YHM		Sc=5.75384, min distance = 1.85697
UPPS_MYCTU	Ft	16122552		GGPPS_YEAST	Ft	448400	IS	2E8U	2VG2	2E8T		Sc=6.47409, min distance = 0.87572
UPPS_MYCTU	Ft	5276507	k	GGPPS_YEAST	Ft	448400	IS	2E8U	2VG2	2Z4X		Sc=6.13604, min distance = 1.81403
UPPS_MYCTU	Ft	5276520	k	GGPPS_YEAST	Ft	448400	IS	2E8U	2VG2	2Z50		Sc=6.12233, min distance = 1.00907
UPPS_MYCTU	Ft	68740	Zol	GGPPS_YEAST	Ft	448400	IS	2E8U	2VG2	2E91		Sc=5.9716, min distance = 0.96750
UPP_BACCL	Fu	160617	Or	PYR5_HUMAN	Fu	6030	Urid	2V30	1I5E	2QCL	0.86	Sc=6.39894, min distance = 2.03062
UPP_BACCL	Fu	17749721		PYR5_HUMAN	Fu	6030	Urid	2V30	1I5E	2QCM	0.88	Sc=5.96888, min distance = 1.99746
UPP_BACCL	Fu	6804	guar	PYRR_BACCL	Fu	6030	Urid	2IGB	1I5E	1XZ8		Sc=5.71396, min distance = 2.40715
UPP_BACCL	Fu	6804	guar	RNMC_MOMCH	Fu	6030	Urid	1UCD	1I5E	1J1F		Sc=5.98259, min distance = 2.48785
UPP_SULSO	Fu	150959	11	A5KE56_PLAVI	I	6030	Urid	2FFC	1XTT	2GUU	0.77	Sc=6.30218, min distance = 2.10847
UPP_SULSO	Fu	160617	Or	PYR5_HUMAN	Fu	6030	Urid	2V30	1XTT	2QCL	0.86	Sc=6.46755, min distance = 1.91658
UPP_SULSO	Fu	445132	1x	PYR5_HUMAN	Fu	6030	Urid	2V30	1XTT	3BGG	0.81	Sc=6.35557, min distance = 2.32427
UPP_SULSO	Fu	6029	urid	GLMU_HAEIN	Fu	6030	Urid	2V0J	1XTT	2V0L	0.92	Sc=6.15741, min distance = 2.40301
UPP_SULSO	Fu	6031	Urid	GLMU_HAEIN	Fu	6030	Urid	2V0J	1XTT	2V0K	0.99	Sc=5.94089, min distance = 2.04888
UPP_SULSO	Fu	65063	dUM	PYR5_HUMAN	Fu	6030	Urid	2V30	1XTT	2QCH	0.97	Sc=6.28509, min distance = 2.38884
UPP_SULSO	Fu	6804	guar	PYRR_BACCL	Fu	6030	Urid	2IGB	1XTT	1XZ8		Sc=6.44071, min distance = 2.18491
UPP_SULSO	Fu	6804	guar	RNMC_MOMCH	Fu	6030	Urid	1UCD	1XTT	1J1F		Sc=6.42187, min distance = 2.31674
UPP_THEMA	Fu	150959	11	A5KE56_PLAVI	I	6030	Urid	2FFC	1O50	2GUU	0.77	Sc=6.29618, min distance = 2.34295
UPP_THEMA	Fu	160617	Or	PYR5_HUMAN	Fu	6030	Urid	2V30	1O50	2QCL	0.86	Sc=6.45656, min distance = 2.00526
UPP_THEMA	Fu	17749721		PYR5_HUMAN	Fu	6030	Urid	2V30	1O50	2QCM	0.88	Sc=6.39079, min distance = 2.16099
UPP_THEMA	Fu	6031	Urid	O87988_BORBR	I	6030	Urid	2PZL	1O50	2PZM	0.99	Sc=6.38529, min distance = 1.02996
UPP_THEMA	Fu	65063	dUM	PYR5_HUMAN	Fu	6030	Urid	2V30	1O50	2QCH	0.97	Sc=6.28376, min distance = 2.38194
UPP_THEMA	Fu	6804	guar	PYRR_BACCL	Fu	6030	Urid	2IGB	1O50	1XZ8		Sc=6.44404, min distance = 2.27287
UPP_TOXGO	Fu	160617	Or	PYR5_HUMAN	Fu	6030	Urid	2V30	1UPU	2QCL	0.86	Sc=6.43155, min distance = 2.08373
UPP_TOXGO	Fu	17749721		PYR5_HUMAN	Fu	6030	Urid	2V30	1UPU	2QCM	0.88	Sc=6.00478, min distance = 1.91188
UPP_TOXGO	Fu	445132	1x	PYR5_HUMAN	Fu	6030	Urid	2V30	1UPU	3BGG	0.81	Sc=5.97611, min distance = 2.24730
UPP_TOXGO	Fu	6031	Urid	O87988_BORBR	I	6030	Urid	2PZL	1UPU	2PZM	0.99	Sc=6.03285, min distance = 0.61237
UPP_TOXGO	Fu	65063	dUM	PYR5_HUMAN	Fu	6030	Urid	2V30	1UPU	2QCH	0.97	Sc=6.25446, min distance = 2.13956
UPP_TOXGO	Fu	6804	guar	RNMC_MOMCH	Fu	6030	Urid	1UCD	1UPU	1J1F		Sc=6.37789, min distance = 1.45519

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URAD_DANRE	F1	108714	9-	URIC_ASPFL	Fu	764	guani	1XT4	2074	1R4S		Sc=5.97949, min distance = 1.951514
URAD_DANRE	F1	15113	Xar	URIC_ASPFL	Fu	764	guani	1XT4	2074	2IBA		Sc=5.8069, min distance = 2.4508557
URAD_DANRE	F1	242831	2-	TGT_ZYMMO	Ful	764	guani	2PWU	2074	1S39		Sc=5.94751, min distance = 2.539102
URAD_DANRE	F1	4369374	5	URIC_ASPFL	Fu	764	guani	1XT4	2074	1WRR		Sc=5.84091, min distance = 2.130076
URAD_DANRE	F1	448010	1c	TGT_ZYMMO	Ful	764	guani	2PWU	2074	1R5Y		Sc=6.05873, min distance = 1.926427
URAD_DANRE	F1	4604	Oxor	URIC_ASPFL	Fu	764	guani	1XT4	2074	1R4U		Sc=5.80184, min distance = 1.410082
URAD_DANRE	F1	5326622	C	URIC_ASPFL	Fu	764	guani	1XT4	2074	3BJP		Sc=5.90011, min distance = 2.190253
URAD_DANRE	F1	76726	5,6	URIC_ASPFL	Fu	764	guani	1XT4	2074	1WS2		Sc=5.74653, min distance = 1.331799
URAD_DANRE	F1	8646	Guar	PNPH_HUMAN	Fu	764	guani	1V2H	2074	1V41		Sc=5.81325, min distance = 2.313243
URE2_YEAST	F1	445616	gl	GST28_SCHBO	F1	97536	Hex	2C80	1K0A	2CAQ	0.9	Sc=5.83256, min distance = 2.064337
URE2_YEAST	F1	445707	s-	GSTA1_HUMAN	F1	97536	Hex	1K3Y	1K0A	1GUH		Sc=6.58565, min distance = 0.897972
URIC_ASPFL	F1	100684	9-	TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	1Q2R		Sc=5.78241, min distance = 2.582876
URIC_ASPFL	F1	11287125		TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	2BBF		Sc=5.91628, min distance = 2.338283
URIC_ASPFL	F1	1188	xant	XAPA_ECOLI	Fu	764	guani	1YQQ	1XT4	1YR3	0.92	Sc=5.6826, min distance = 2.6044730
URIC_ASPFL	F1	1188	xant	XGPT_ECOLI	Fu	764	guani	1A95	1XT4	1A96	0.92	Sc=5.66217, min distance = 2.575389
URIC_ASPFL	F1	16758215		TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	2PWV		Sc=5.81709, min distance = 2.624503
URIC_ASPFL	F1	171	preQ1	TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	3BLD		Sc=5.8504, min distance = 2.3170813
URIC_ASPFL	F1	242831	2-	TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	1S39		Sc=5.83796, min distance = 2.485160
URIC_ASPFL	F1	24741806		TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	2Z7K		Sc=5.92764, min distance = 2.257813
URIC_ASPFL	F1	439353	be	LYSC_CHICK	Fu	10367	Dip	2PC2	2PES	1UC0		Sc=5.71526, min distance = 2.012169
URIC_ASPFL	F1	446357	7-	ATGT_PYRHO	Fu	764	guani	1IT7	1XT4	1IT8		Sc=5.84411, min distance = 2.535149
URIC_ASPFL	F1	446357	7-	TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	1P0B		Sc=5.83768, min distance = 2.601632
URIC_ASPFL	F1	446623	1k	TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	1K4H		Sc=6.05097, min distance = 2.676603
URIC_ASPFL	F1	448488	1s	TGT_ZYMMO	Ful	764	guani	2PWU	1XT4	1S38		Sc=5.8877, min distance = 2.6599639
URIC_BACSB	F1	4369374	5	URIC_ASPFL	Fu	15113	Xan	2IBA	1J2G	1WRR		Sc=5.66767, min distance = 2.865269
USHA_ECOLI	F1	10109823		PIM1_HUMAN	Fu	60961	ade	1YI4	1H05	3CY3		Sc=6.49105, min distance = 1.886748
USHA_ECOLI	F1	11608401		KAPCA_BOVIN	F1	5957	Aden	1Q24	1HP1	2UVY		Sc=6.14034, min distance = 2.569434
USHA_ECOLI	F1	11708454		KAPCA_BOVIN	F1	5957	Aden	1Q24	1HP1	2VNW		Sc=6.02154, min distance = 2.807123
USHA_ECOLI	F1	24180721		PIM1_HUMAN	Fu	60961	ade	1YI4	1H05	3C4E		Sc=6.1131, min distance = 1.3496529
USHA_ECOLI	F1	33113	gan	IPKA_RABIT	Fu	60961	ade	1FMO	1H05	1CDK	0.93	Sc=5.74603, min distance = 1.600623
USHA_ECOLI	F1	439709	be	TRFL_BOVIN	Fu	60961	ade	2DOJ	1H05	2O51		Sc=5.79098, min distance = 2.049747
USHA_ECOLI	F1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	1HP1	1BS1	0.91	Sc=5.70162, min distance = 2.493764
USHA_ECOLI	F1	444852	CI	ATPB_BOVIN	Fu	5957	Aden	2V7Q	1HP1	1COW	0.91	Sc=6.54254, min distance = 0.708359
USHA_ECOLI	F1	448326	1r	KAPCA_MOUSE	F1	60961	ade	1FMO	1H05	1REJ		Sc=6.50254, min distance = 2.249720
USHA_ECOLI	F1	5327148	C	KAPCA_MOUSE	F1	60961	ade	1FMO	1H05	2ERZ		Sc=6.20534, min distance = 2.480954
USHA_ECOLI	F1	6021	inos	TMPC_TREPA	Fu	60961	ade	2FQY	1H05	2FQW	0.79	Sc=6.30512, min distance = 2.420109
USHA_ECOLI	F1	6022	Ader	CLCN5_HUMAN	F1	5957	Aden	2J9L	1HP1	2JA3	0.99	Sc=5.96004, min distance = 2.086819

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USHA_ECOLI	F1	6022	Ader	DDL_THET8	Ful	5957	Aden	2ZDQ	1HP1	2ZDH	0.99	Sc=5.9556, min distance = 1.644699
USHA_ECOLI	F1	6022	Ader	PUR7_METJA	Fu	5957	Aden	2Z02	1HP1	2YZL	0.99	Sc=5.94926, min distance = 2.11422
USHA_ECOLI	F1	6022	Ader	REX_BACSU	Ful	5957	Aden	2VT3	1HP1	2VT2	0.99	Sc=6.37109, min distance = 1.065210
USHA_ECOLI	F1	6022	Ader	RIO1_ARCFU	Fu	5957	Aden	1ZP9	1HP1	1ZTH	0.99	Sc=5.74158, min distance = 1.88951
USHA_ECOLI	F1	6083	ader	PSPF_ECOLI	Fu	5957	Aden	2C96	1HP1	2VII	0.98	Sc=5.8144, min distance = 2.365954
USHA_ECOLI	F1	6083	ader	PURP_PYRFU	Fu	5957	Aden	2R86	1HP1	2R85	0.98	Sc=6.31781, min distance = 2.19563
USHA_ECOLI	F1	6083	ader	SYQ_ECOLI	Ful	60961	ade	100B	1H05	1ZJW	0.96	Sc=5.92818, min distance = 2.36929
USHA_ECOLI	F1	6176	Cyti	PYRI_ECOLI	Fu	5957	Aden	7AT1	1HP1	2FZC		Sc=5.6722, min distance = 2.492202
USHA_ECOLI	F1	8975	2-F1	SAHH_MYCTU	Fu	60961	ade	3CE6	1H05	2ZJ0	0.99	Sc=6.3232, min distance = 1.766661
USHA_ECOLI	F1	91532	AME	PURP_METJA	Fu	5957	Aden	2R7L	1HP1	2R7K	0.99	Sc=5.76913, min distance = 2.21396
USPAL_ARATH	I	1400	nche	RET_HUMAN	Ful	6083	aden	2IVT	2GM3	2IVV		Sc=6.25656, min distance = 2.03771
USPAL_ARATH	I	21826754		PYGM_RABIT	Fu	6083	aden	8GPB	2GM3	3BD6		Sc=6.21152, min distance = 2.00256
USPAL_ARATH	I	24905152		SRC_CHICK	Ful	6083	aden	3DQX	2GM3	3EN6		Sc=6.35999, min distance = 2.16313
USPAL_ARATH	I	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2GM3	1WXE	0.91	Sc=6.41436, min distance = 2.03942
USPAL_ARATH	I	8582	Inos	PURA1_MOUSE	F1	6083	aden	1MF0	2GM3	1IWE	0.79	Sc=6.47498, min distance = 0.44013
UVRB_BACSU	F1	23653526		CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	2R3R		Sc=5.96809, min distance = 2.09335
UVRB_BACSU	F1	2608	1jsv	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1JSV		Sc=5.83618, min distance = 2.46893
UVRB_BACSU	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1E1X		Sc=6.17532, min distance = 2.18809
UVRB_BACSU	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2D7D	1BS1	0.91	Sc=5.68765, min distance = 2.30297
UVRB_BACSU	F1	444564	AI	MYS2_DICDI	Fu	6022	Aden	1VOM	2D7D	1W9I	0.91	Sc=5.66103, min distance = 2.04403
UVRB_BACSU	F1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1GZ8		Sc=6.02408, min distance = 2.51226
UVRB_BACSU	F1	445966	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1H0V		Sc=6.07109, min distance = 2.01811
UVRB_BACSU	F1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1OIT		Sc=6.10253, min distance = 2.25397
UVRB_BACSU	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1OIU		Sc=6.2584, min distance = 2.005603
UVRB_BACSU	F1	447821	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1PF8		Sc=6.04494, min distance = 2.13206
UVRB_BACSU	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1PXI		Sc=5.69518, min distance = 2.31431
UVRB_BACSU	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1E1V		Sc=6.13215, min distance = 2.17683
UVRB_BACSU	F1	5327096	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	2BTR		Sc=5.85665, min distance = 2.09735
UVRB_BACSU	F1	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	2BTS		Sc=5.84061, min distance = 2.07033
UVRB_BACSU	F1	5327134	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	2C6L		Sc=6.29807, min distance = 2.69076
UVRB_BACSU	F1	656971	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	1Y8Y		Sc=5.96417, min distance = 2.53558
UVRB_BACSU	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	2R3H		Sc=5.83121, min distance = 2.28893
UVRB_BACSU	F1	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	2D7D	2VTJ		Sc=5.87164, min distance = 2.47979
UVRD_ECOLI	F1	16750063		CSK2A_MAIZE	F1	33113	gar	1LP4	2IS4	2OXX		Sc=5.61909, min distance = 2.07581
UVRD_ECOLI	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2IS4	2ETK		Sc=6.17322, min distance = 1.86177
UVRD_ECOLI	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2IS4	2ESM		Sc=5.99108, min distance = 1.76533
UVRD_ECOLI	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2IS6	1BS1	0.91	Sc=6.02883, min distance = 2.24416

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UVRD_ECOLI	F1	447004	CI	MYS2_DICDI	Fu	33113	gar	1MMN	2IS4	1LVK		Sc=6.56008, min distance = 2.130092
UVRD_ECOLI	F1	447955	1p	CDK2_HUMAN	Fu	6022	Aden	1GY3	2IS6	1PXI		Sc=5.80598, min distance = 2.388901
UVRD_ECOLI	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2IS4	2ETR		Sc=6.23313, min distance = 1.934142
UVRD_ECOLI	F1	448043	2d	ROCK1_HUMAN	F1	33113	gar	2V55	2IS4	3D9V		Sc=6.09074, min distance = 2.062377
UVRD_ECOLI	F1	5149739	2	CSK2A_MAIZE	F1	33113	gar	1LP4	2IS4	2OXY		Sc=5.62231, min distance = 1.542735
UVRD_ECOLI	F1	5957	Ader	BIOD_ECOLI	Fu	6022	Aden	1DAD	2IS6	1A82	0.99	Sc=6.0876, min distance = 2.2416201
UVRD_ECOLI	F1	5957	Ader	PSPF_ECOLI	Fu	6022	Aden	2C98	2IS6	2C96	0.99	Sc=6.53802, min distance = 2.360665
UVRD_ECOLI	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	2IS4	3CJ7	0.97	Sc=5.90021, min distance = 2.636480
UVRD_ECOLI	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2IS4	1XQS	0.97	Sc=5.93217, min distance = 2.128463
UVRD_ECOLI	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2IS6	1FMO	0.95	Sc=6.27193, min distance = 2.236384
UVRD_ECOLI	F1	6338566	C	MYS2_DICDI	Fu	33113	gar	1MMN	2IS4	1D1C		Sc=6.2693, min distance = 2.0257591
UVRD_ECOLI	F1	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	2IS6	1ZYU	0.99	Sc=6.11822, min distance = 2.215370
UVRD_ECOLI	F1	91532	AME	BIOD_ECOLI	Fu	6022	Aden	1DAD	2IS6	1DAG	0.99	Sc=6.11774, min distance = 2.219021
UVRD_ECOLI	F1	91532	AME	KIF1A_MOUSE	F1	33113	gar	1VFV	2IS4	1I6I	0.99	Sc=6.1122, min distance = 2.0860186
UXS1_HUMAN	F1	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	2B69	1I3K	0.79	Sc=6.78982, min distance = 2.446930
UXS1_HUMAN	F1	439153	Di	GALE_ECOLI	Fu	5893	nadi	1UDC	2B69	1UDB	0.79	Sc=6.78761, min distance = 2.426788
UXS1_HUMAN	F1	445794	AD	ADHX_HUMAN	Fu	5893	nadi	2FZW	2B69	2FZE		Sc=6.65292, min distance = 2.048430
UXS1_HUMAN	F1	6132	Cyti	ECX1_PYRAB	Fu	6031	Urid	2PNZ	2B69	2PO2	0.83	Sc=6.34543, min distance = 2.167380
UXS1_HUMAN	F1	8629	UDP	Q8KN66_PSEAE	1	5893	nadi	1SB8	2B69	1SB9		Sc=5.91665, min distance = 2.314595
VANA_ENTFC	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	1H1Q		Sc=6.3977, min distance = 1.8272917
VANA_ENTFC	F1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	2VTR		Sc=6.05565, min distance = 1.790945
VANA_ENTFC	F1	24864081		CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	2VTS		Sc=6.38433, min distance = 2.065168
VANA_ENTFC	F1	444564	AD	BIOD_ECOLI	Fu	6022	Aden	1DAD	1E4E	1BS1	0.91	Sc=6.46469, min distance = 2.035385
VANA_ENTFC	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	1CKP		Sc=5.63079, min distance = 2.071391
VANA_ENTFC	F1	445940	06	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	1GZ8		Sc=6.24356, min distance = 2.048891
VANA_ENTFC	F1	447766	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	1P2A		Sc=6.376, min distance = 1.84289554
VANA_ENTFC	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1E4E	1ZTF	0.95	Sc=6.27072, min distance = 2.483914
VANA_ENTFC	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	1PXI		Sc=5.83423, min distance = 2.035569
VANA_ENTFC	F1	5957	Ader	Y059_METJA	Fu	6022	Aden	2J9D	1E4E	2J9C	0.99	Sc=6.5175, min distance = 1.9422051
VANA_ENTFC	F1	6420140	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	2C5Y		Sc=6.55901, min distance = 1.859702
VANA_ENTFC	F1	9547890	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	1W8C		Sc=6.30646, min distance = 2.520400
VANA_ENTFC	F1	9991833	S	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E4E	2R3H		Sc=6.1442, min distance = 2.0469875
VAOX_PENSI	F1	188966	dA	HSLU_ECOLI	Fu	6022	Aden	1HQY	1E8H	1G4A	0.98	Sc=6.38522, min distance = 2.560460
VAOX_PENSI	F1	3454	ganc	KITH_HHV11	Fu	6022	Aden	2VTK	1E8H	1KI2		Sc=6.21355, min distance = 2.015640
VAOX_PENSI	F1	36735	Gpp	PARM_ECOLX	Fu	6022	Aden	1MWM	1E8H	2ZGZ	0.79	Sc=6.50087, min distance = 1.788178
VAOX_PENSI	F1	398148	1e	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E8H	1E1X		Sc=6.23318, min distance = 2.012367
VAOX_PENSI	F1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	1E8H	1W9I	0.91	Sc=6.40508, min distance = 2.044871

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VAOX_PENSI	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E8H	1PXI		Sc=5.74473, min distance = 2.270417
VAOX_PENSI	F1	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E8H	1E1V		Sc=6.17497, min distance = 2.350608
VAOX_PENSI	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1E8H	1H1R		Sc=6.09874, min distance = 2.162138
VAOX_PENSI	F1	4725	pend	KITH_HHV11	Fu	6022	Aden	2VTK	1E8H	1KI3		Sc=6.27193, min distance = 2.079155
VAOX_PENSI	F1	5327148	C	IPKA_RABIT	Fu	6022	Aden	1JBP	1E8H	2ERZ		Sc=6.13979, min distance = 2.553964
VAOX_PENSI	F1	5957	Ader	GLNK_ECOLI	Fu	6022	Aden	2NS1	1E8H	2GNK	0.99	Sc=6.4562, min distance = 2.1620039
VAOX_PENSI	F1	6031	Urid	DCK_HUMAN	Fu	6022	Aden	1P5Z	1E8H	2ZIA		Sc=5.86462, min distance = 2.659158
VAOX_PENSI	F1	6031	Urid	O33839_THEMA	I	6022	Aden	1XJK	1E8H	1XJG		Sc=5.85511, min distance = 1.694992
VAOX_PENSI	F1	6083	ader	HSP71_HUMAN	Fu	6022	Aden	1S3X	1E8H	1XQS	0.99	Sc=6.35571, min distance = 2.125919
VAOX_PENSI	F1	6083	ader	PSPF_ECOLI	Fu	6022	Aden	2C98	1E8H	2VII	0.99	Sc=6.28562, min distance = 2.774895
VAOX_PENSI	F1	6083	ader	PURP_METJA	Fu	6022	Aden	2R7N	1E8H	2R7M	0.99	Sc=6.33495, min distance = 2.381558
VAOX_PENSI	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	1E8H	1FMO	0.95	Sc=6.19823, min distance = 2.555389
VAOX_PENSI	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1E8H	2PO2		Sc=5.85899, min distance = 2.205369
VAOX_PENSI	F1	65059	Dec	RNAS1_BOVIN	Fu	6022	Aden	100H	1E8H	2QCA	0.77	Sc=6.33814, min distance = 2.372315
VAOX_PENSI	F1	6804	guar	NDK_PYRHO	Fu	6022	Aden	2DYA	1E8H	2DXF	0.8	Sc=6.37018, min distance = 2.110037
VAOX_PENSI	F1	6852187	2	O57883_PYRHO	I	6022	Aden	1WNL	1E8H	2DTH	0.89	Sc=6.06546, min distance = 1.940115
VAOX_PENSI	F1	8977	1dar	O33839_THEMA	I	6022	Aden	1XJK	1E8H	1XJE	0.8	Sc=6.42456, min distance = 2.021567
VAOX_PENSI	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1E8H	2ZGY	0.8	Sc=6.4463, min distance = 1.8616729
VAOX_PENSI	F1	91532	AME	AROK_MYCTU	Fu	6022	Aden	2IYV	1E8H	1ZYU	0.99	Sc=6.47414, min distance = 2.051349
VASA_DROME	F1	3064778	H	ROCK1_HUMAN	Fu	33113	gar	2V55	2DB3	2ETK		Sc=6.14569, min distance = 1.510679
VASA_DROME	F1	3547	Fasu	ROCK1_HUMAN	Fu	33113	gar	2V55	2DB3	2ESM		Sc=5.98898, min distance = 2.103552
VASA_DROME	F1	444564	AI	MYS2_DICDI	Fu	33113	gar	1MMN	2DB3	1W9I	0.91	Sc=6.47978, min distance = 1.885569
VASA_DROME	F1	448042	2e	ROCK1_HUMAN	Fu	33113	gar	2V55	2DB3	2ETR		Sc=6.1937, min distance = 1.6192902
VASA_DROME	F1	6083	ader	ENTP2_RAT	Fu	33113	gar	3CJA	2DB3	3CJ7	0.97	Sc=6.36839, min distance = 2.223626
VASA_DROME	F1	6083	ader	Q6L8F0_THETH	I	33113	gar	1V25	2DB3	1V26	0.97	Sc=6.37798, min distance = 1.567966
VASA_DROME	F1	60961	ade	PIM1_HUMAN	Fu	33113	gar	1XR1	2DB3	1YI4	0.93	Sc=6.27945, min distance = 2.208255
VASA_DROME	F1	91532	AME	KIF1A_MOUSE	Fu	33113	gar	1VFV	2DB3	1I6I	0.99	Sc=6.54607, min distance = 2.131026
VATB_METMA	F1	3540	1yds	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3B2Q	1YDS		Sc=5.67274, min distance = 2.548685
VATB_METMA	F1	6914613	g	KAPCA_BOVIN	Fu	5957	Aden	1Q24	3B2Q	2F7X		Sc=6.11081, min distance = 2.232369
VATC_YEAST	F1	439710	rh	PGRP_CAMDR	Fu	444305	L-	3C2X	1U7L	3CG9		Sc=5.7552, min distance = 2.1509076
VE1_BPV1	Fu	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2GXA	1HIY	0.97	Sc=6.03877, min distance = 1.269468
VE1_BPV1	Fu	4564	1e1v	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GXA	1E1V		Sc=5.61109, min distance = 2.582655
VE1_BPV1	Fu	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	2GXA	1H1R		Sc=5.94595, min distance = 1.753149
VE1_BPV1	Fu	5326739	i	GSK3B_HUMAN	Fu	6022	Aden	1J1C	2GXA	1Q41		Sc=6.19892, min distance = 1.913349
VE1_BPV1	Fu	5957	Ader	MALK_ECOLI	Fu	6022	Aden	2AWN	2GXA	1Q12	0.99	Sc=6.32013, min distance = 1.433552
VE1_BPV1	Fu	60961	ade	SKY1_YEAST	Fu	6022	Aden	1Q8Y	2GXA	1Q97	0.95	Sc=6.2262, min distance = 1.4632388
VE1_BPV1	Fu	60961	ade	STK6_HUMAN	Fu	6022	Aden	1MQ4	2GXA	1MU0	0.95	Sc=6.24332, min distance = 2.218019

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VE1_BPV1	Fu: 6420140	2	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2GXA	2C5Y		Sc=6.07337, min distance = 2.386459	
VE1_BPV1	Fu: 9817550	V	CDK2_HUMAN	Fu: 6022	Aden	1GY3	2GXA	3BHV		Sc=6.35696, min distance = 1.702599	
VG13_BPPH2	Fu: 185698	a	MBL2_RAT	Full:	24139	ace	1KZD	3CT5	1RDL	Sc=5.7646, min distance = 1.960613	
VG13_BPPH2	Fu: 24779679		AGI1_WHEAT	Fu: 24139	ace	2UVO	3CT5	2UWG	0.92	Sc=6.31367, min distance = 1.661439	
VG13_BPPH2	Fu: 439353	be	AGI3_WHEAT	Fu: 24139	ace	1K7U	3CT5	1K7V		Sc=5.7479, min distance = 1.500105	
VG13_BPPH2	Fu: 439353	be	MBL2_RAT	Full:	24139	ace	1KZD	3CT5	1RDK	Sc=5.69803, min distance = 2.011119	
VG13_BPPH2	Fu: 444205	CI	DPP4_HUMAN	Fu: 24139	ace	2RGU	3CT5	3BJM	0.91	Sc=5.96318, min distance = 2.202019	
VG13_BPPH2	Fu: 444305	L	PGRP_CAMDR	Fu: 24139	ace	2R2K	3CT5	3C2X		Sc=5.64969, min distance = 2.335644	
VG13_BPPH2	Fu: 444762	CI	HYSR_STRPN	Fu: 24139	ace	1LXK	3CT5	1C82		Sc=5.67529, min distance = 2.130688	
VG13_BPPH2	Fu: 444885	O	AGI1_WHEAT	Fu: 24139	ace	2UVO	3CT5	2CWG	0.79	Sc=5.86349, min distance = 1.854882	
VG13_BPPH2	Fu: 444885	O	Q309D1_9AGAR	I	24139	ace	2C4D	3CT5	2C25	0.79	Sc=5.85399, min distance = 2.167862
VG13_BPPH2	Fu: 445595	CI	CHIA_SERMA	Fu: 24139	ace	1K9T	3CT5	1FFQ		Sc=5.94512, min distance = 2.037552	
VG17_BPT4	Fu: 129236	2c	CKI1_SCHPO	Fu: 5957	Aden	1CSN	200H	2CSN		Sc=5.7954, min distance = 2.110648	
VG17_BPT4	Fu: 24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	200J	2VTR		Sc=5.96309, min distance = 2.148087	
VG17_BPT4	Fu: 447004	CI	MYS2_DICDI	Fu: 6022	Aden	1VOM	200J	1LVK		Sc=6.00172, min distance = 2.098199	
VG17_BPT4	Fu: 449087	1v	CDK2_HUMAN	Fu: 6022	Aden	1GY3	200J	1VYW		Sc=6.15914, min distance = 1.944241	
VGH3_HCMVA	Fu: 439353	be	LECB_LATOC	Fu: 24139	ace	1LOG	3D2U	1LOF		Sc=5.95433, min distance = 0.483904	
VNCA_AAV2	Fu: 16046126		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1U0J	2DS1		Sc=6.46176, min distance = 2.177848	
VNCA_AAV2	Fu: 23727982		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1U0J	3BHU		Sc=6.12773, min distance = 2.754049	
VNCA_AAV2	Fu: 24864080		CDK2_HUMAN	Fu: 6022	Aden	1GY3	1U0J	2VTR		Sc=5.86074, min distance = 2.371866	
VNCA_AAV2	Fu: 4369136	C	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1U0J	1DM2		Sc=6.08922, min distance = 2.644402	
VNCA_AAV2	Fu: 446090	1h	NDKC_DICDI	Fu: 6022	Aden	1KDN	1U0J	1HIY	0.97	Sc=6.44327, min distance = 1.369446	
VNCA_AAV2	Fu: 448238	CI	GSK3B_HUMAN	Fu: 6022	Aden	1J1C	1U0J	1R0E		Sc=6.47677, min distance = 2.202831	
VNCA_AAV2	Fu: 4565	1h1r	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1U0J	1H1R		Sc=6.35409, min distance = 1.986768	
VNCA_AAV2	Fu: 6031	Uric	DCK_HUMAN	Fu: 6022	Aden	1P5Z	1U0J	2ZIA		Sc=5.85899, min distance = 1.986561	
VNCA_AAV2	Fu: 6083	ader	PURP_METJA	Fu: 6022	Aden	2R7N	1U0J	2R7M	0.99	Sc=6.3249, min distance = 2.629857	
VNCA_AAV2	Fu: 6804	guar	NDK_PYRHO	Fu: 6022	Aden	2DYA	1U0J	2DXF	0.8	Sc=6.01488, min distance = 2.072509	
VNCA_AAV2	Fu: 6918710	5	CDK2_HUMAN	Fu: 6022	Aden	1GY3	1U0J	3EJ1		Sc=6.15337, min distance = 2.240562	
VNCA_AAV2	Fu: 72194	2-C	ENPL_CANFA	Fu: 6022	Aden	1TC6	1U0J	1QYE	0.89	Sc=6.10169, min distance = 2.011446	
VP1_SV40	Fu: 445496	TE	A2NHM3_MOUSE	I	439353	be	1CLZ	3BWR	1F3D	Sc=5.6884, min distance = 2.045469	
VP4_BTV10	Fu: 100684	9-	TGT_ZYMMO	Fu: 764	guani	2PWU	2JHP	1Q2R		Sc=5.78241, min distance = 2.387296	
VP4_BTV10	Fu: 10822243		PNMT_HUMAN	Fu: 439155	Ad	2G8N	2JHP	2G70		Sc=6.09834, min distance = 0.805622	
VP4_BTV10	Fu: 11287125		TGT_ZYMMO	Fu: 764	guani	2PWU	2JHP	2BBF		Sc=6.01576, min distance = 2.545464	
VP4_BTV10	Fu: 1188	xant	XGPT_ECOLI	Fu: 764	guani	1A95	2JHP	1A96	0.92	Sc=5.73757, min distance = 2.682888	
VP4_BTV10	Fu: 15113	Xar	URIC_ASPFL	Fu: 764	guani	1XT4	2JHP	2IBA		Sc=5.6721, min distance = 2.721729	
VP4_BTV10	Fu: 171	preQ1	TGT_ZYMMO	Fu: 764	guani	2PWU	2JHP	3BLD		Sc=5.94091, min distance = 2.169301	
VP4_BTV10	Fu: 188380	Ac	MCES_ENCCU	Fu: 439155	Ad	1RI1	2JHP	1Z3C	0.91	Sc=6.54451, min distance = 2.018096	

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VP4_BTV10	Fu: 242831 2	TGT_ZYMMO	Ful: 764 guani	2PWU	2JHP	1S39		Sc=5.82677, min distance = 2.71539
VP4_BTV10	Fu: 24741806	TGT_ZYMMO	Ful: 764 guani	2PWU	2JHP	2Z7K		Sc=6.13604, min distance = 2.52397
VP4_BTV10	Fu: 4369374 5	URIC_ASPFL	Fu: 764 guani	1XT4	2JHP	1WRR		Sc=5.68687, min distance = 2.57626
VP4_BTV10	Fu: 446357 7	ATGT_PYRHO	Fu: 764 guani	1IT7	2JHP	1IT8		Sc=5.94091, min distance = 0.85984
VP4_BTV10	Fu: 446535 CI	HNMT_HUMAN	Fu: 439155 Ad	2AOT	2JHP	1JQE	0.95	Sc=6.49976, min distance = 1.97449
VP4_BTV10	Fu: 447262 CI	TGT_ZYMMO	Ful: 764 guani	2PWU	2JHP	2Z1W	0.76	Sc=6.1238, min distance = 2.269077
VP4_BTV10	Fu: 448010 1c	TGT_ZYMMO	Ful: 764 guani	2PWU	2JHP	1R5Y		Sc=5.93422, min distance = 2.64247
VP4_BTV10	Fu: 448488 1s	TGT_ZYMMO	Ful: 764 guani	2PWU	2JHP	1S38		Sc=5.89821, min distance = 2.63862
VP4_BTV10	Fu: 60961 ade	PIMT_PYRFU	Fu: 439155 Ad	1JG1	2JHP	1JG2	0.84	Sc=6.2837, min distance = 2.800628
VP4_BTV10	Fu: 6420137 C	O85726_STRCL	1 439155 Ad	2BR5	2JHP	2BR4		Sc=5.98583, min distance = 1.93282
VP4_BTV10	Fu: 65482 sir	ERM_BACSU	Ful: 439155 Ad	1QAN	2JHP	1QAQ	0.88	Sc=6.56105, min distance = 1.20607
VP4_BTV10	Fu: 65482 sir	MCES_ENCCU	Fu: 439155 Ad	1RI1	2JHP	2HV9	0.88	Sc=6.53827, min distance = 2.37792
VP4_BTV10	Fu: 65482 sir	MTR1_RHOSH	Fu: 439155 Ad	1NW7	2JHP	1NW6	0.88	Sc=6.09493, min distance = 2.20329
VP4_BTV10	Fu: 76726 5, 6	URIC_ASPFL	Fu: 764 guani	1XT4	2JHP	1WS2		Sc=5.66352, min distance = 2.66529
VP4_BTV10	Fu: 8646 Guar	PNPH_HUMAN	Fu: 764 guani	1V2H	2JHP	1V41		Sc=5.65876, min distance = 2.74966
VPL2_PLEER	Fu: 11957330	CCPR_YEAST	Fu: 444098 HE	2EUT	2BOQ	1BEQ	0.81	Sc=6.75738, min distance = 2.36782
VPL2_PLEER	Fu: 11957353	HBA_HORSE	Ful: 444098 HE	2D5X	2BOQ	1IWH	0.83	Sc=6.74871, min distance = 2.23860
VPL2_PLEER	Fu: 11957363	HBB_HUMAN	Ful: 444098 HE	1J40	2BOQ	1RQA	0.77	Sc=6.79727, min distance = 2.10382
VPL2_PLEER	Fu: 11957385	MYG_PHYCA	Ful: 444098 HE	1A6M	2BOQ	2CMM		Sc=6.29789, min distance = 2.75788
VPL2_PLEER	Fu: 11970219	CCPR_YEAST	Fu: 444098 HE	2EUT	2BOQ	1BEM	0.83	Sc=6.7589, min distance = 2.393608
VPL2_PLEER	Fu: 11970222	CCPR_YEAST	Fu: 444098 HE	2EUT	2BOQ	1BJ9	0.77	Sc=6.3681, min distance = 2.329091
VPL2_PLEER	Fu: 11970242	CCPR_YEAST	Fu: 444098 HE	2EUT	2BOQ	1CPE	0.83	Sc=6.75477, min distance = 2.47299
VPL2_PLEER	Fu: 126994 CI	CCPR_YEAST	Fu: 444098 HE	2EUT	2BOQ	1Z53	0.77	Sc=6.75519, min distance = 2.91353
VPL2_PLEER	Fu: 15342951	ALBU_HUMAN	Fu: 444098 HE	1N5U	2BOQ	3B9L		Sc=6.16907, min distance = 2.13553
VPL2_PLEER	Fu: 447168 ZE	CCPR_YEAST	Fu: 444098 HE	2EUT	2BOQ	1ML2	0.82	Sc=6.79552, min distance = 2.36804
VPS21_YEAST	1 444845 1c	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1EK0	1CLU	0.99	Sc=6.24913, min distance = 2.40764
VPS21_YEAST	1 445871 CI	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1EK0	1GNP		Sc=6.16432, min distance = 2.33136
VPS21_YEAST	1 446248 CI	RAN_HUMAN	Ful: 36735 Gpp	1K5D	1EK0	1IBR		Sc=6.55049, min distance = 2.21775
VPS21_YEAST	1 446248 CI	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1EK0	1IAQ		Sc=6.17832, min distance = 2.21983
VPS21_YEAST	1 5496555 G	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1EK0	2EVW		Sc=6.30653, min distance = 2.34267
VPS21_YEAST	1 93082 Gak	RAC3_HUMAN	Fu: 36735 Gpp	2IC5	1EK0	2QME	0.99	Sc=6.57534, min distance = 2.40531
VPS21_YEAST	1 93082 Gak	RASH_HUMAN	Fu: 36735 Gpp	1CTQ	1EK0	121P	0.99	Sc=6.57265, min distance = 2.41822
VPS4B_MOUSE	1 15602982	KAPCA_BOVIN	Fu: 5957 Aden	1Q24	2ZAN	2UW6		Sc=6.13935, min distance = 2.19020
VPS4B_MOUSE	1 3540 1yds	KAPCA_BOVIN	Fu: 5957 Aden	1Q24	2ZAN	1YDS		Sc=5.91925, min distance = 2.11848
VPS4B_MOUSE	1 3547 Fasu	KAPCA_BOVIN	Fu: 5957 Aden	1Q24	2ZAN	1Q8W		Sc=5.98489, min distance = 2.25881
VPS4B_MOUSE	1 440317 AT	MYS2_DICDI	Fu: 6022 Aden	1VOM	2ZAO	1MMG	0.99	Sc=5.72236, min distance = 2.22940
VPS4B_MOUSE	1 440317 AT	PURT_ECOLI	Fu: 6022 Aden	1KJQ	2ZAO	1KJJ	0.99	Sc=5.72822, min distance = 1.65902

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VPS4B_MOUSE	1	444564	AD	BIOD_ECOLI	Fu	5957	Aden	1A82	2ZAN	1BS1	0.91	Sc=5.70153, min distance = 2.188696
VPS4B_MOUSE	1	444564	AD	MYS2_DICDI	Fu	6022	Aden	1VOM	2ZAO	1W9I	0.91	Sc=5.69079, min distance = 2.537306
VPS4B_MOUSE	1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2ZAO	1CKP		Sc=5.6204, min distance = 2.5615005
VPS4B_MOUSE	1	444852	CI	ATPA1_BOVIN	Fu	5957	Aden	2V7Q	2ZAN	1COW	0.91	Sc=5.8406, min distance = 2.1073566
VPS4B_MOUSE	1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2ZAO	1GZ8		Sc=6.1844, min distance = 2.3528886
VPS4B_MOUSE	1	445966	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2ZAO	1H0V		Sc=6.1964, min distance = 2.5353630
VPS4B_MOUSE	1	447004	CI	MYS2_DICDI	Fu	5957	Aden	1FMW	2ZAN	1LVK		Sc=6.11053, min distance = 0
VPS4B_MOUSE	1	449240	1y	KAPCA_BOVIN	Fu	5957	Aden	1Q24	2ZAN	1YDR		Sc=5.98382, min distance = 2.255135
VPS4B_MOUSE	1	6176	Cyti	PYRI_ECOLI	Fu	5957	Aden	7AT1	2ZAN	2FZC		Sc=5.62138, min distance = 2.028200
VPS4B_MOUSE	1	91532	AME	NIFH1_AZOVI	Fu	5957	Aden	2C8V	2ZAN	2AFK	0.99	Sc=5.77674, min distance = 2.098447
VPS4_YEAST	Fu	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QPA	1OIT		Sc=6.04691, min distance = 1.785844
VPS4_YEAST	Fu	5289411	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QPA	1OGU		Sc=6.08771, min distance = 2.177970
VPS4_YEAST	Fu	5327097	2	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QPA	2BTS		Sc=5.73119, min distance = 2.060567
VPS4_YEAST	Fu	6083	ader	SRC_CHICK	Fu	440317	AT	3DQW	3EIH	3DQX	0.97	Sc=5.84034, min distance = 2.035065
VPS4_YEAST	Fu	6102787	2	HS90A_HUMAN	Fu	6022	Aden	1BYQ	2QPA	2CCS		Sc=6.08463, min distance = 2.421640
VPS4_YEAST	Fu	6338565	1	MYS2_DICDI	Fu	440317	AT	1MMG	3EIH	1D1B		Sc=5.84695, min distance = 2.020846
VPS4_YEAST	Fu	6338565	1	MYS2_DICDI	Fu	6022	Aden	1VOM	2QPA	1D1B		Sc=5.79233, min distance = 2.017320
VPS4_YEAST	Fu	8977	1dar	NDK_THET8	Fu	6022	Aden	1WKL	2QPA	1WKK	0.8	Sc=5.84248, min distance = 2.337906
VTDB_HUMAN	Fu	10258	Inc	ALBU_HUMAN	Fu	445639	ol	1GNI	1J78	2BXH	25.9	Sc=5.6053, min distance = 1.2685750
WECB_ECOLI	Fu	18068	Udg	GALE_ECOLI	Fu	6031	Urid	1NAH	1F6D	1A9Z	0.89	Sc=6.61317, min distance = 1.942000
WECB_ECOLI	Fu	448923	2a	MGAT1_RABIT	Fu	6031	Urid	2AM5	1F6D	2AM4	0.87	Sc=5.84771, min distance = 1.670439
WECB_ECOLI	Fu	5280343	c	O22304_VITVI	1	6031	Urid	2C1X	1F6D	2C9Z		Sc=6.27012, min distance = 2.018412
WECB_ECOLI	Fu	6030	Urid	O87988_BORBR	1	6031	Urid	2PZM	1F6D	2PZL	0.99	Sc=6.25209, min distance = 2.011980
WECB_ECOLI	Fu	6131	cyti	KCY_DICDI	Fu	6031	Urid	4UKD	1F6D	1QF9	0.82	Sc=6.22164, min distance = 2.139157
WECB_ECOLI	Fu	6132	Cyti	O33839_THEMA	1	6031	Urid	1XJG	1F6D	1XJN	0.83	Sc=6.33834, min distance = 1.290376
WRBA_ECOLI	Fu	16741044		PYRDA_LACLC	Fu	444243	FA	1JUB	3B6I	1JRB		Sc=6.18186, min distance = 2.278669
WRBA_ECOLI	Fu	446995	FM	CYB2_YEAST	Fu	444243	FA	1KBI	3B6I	1LTD	0.77	Sc=6.17297, min distance = 1.943150
XAPA_ECOLI	Fu	108714	9-	URIC_ASPFL	Fu	764	guani	1XT4	1YQQ	1R4S		Sc=5.96577, min distance = 2.059384
XAPA_ECOLI	Fu	15113	Xar	URIC_ASPFL	Fu	764	guani	1XT4	1YQQ	2IBA		Sc=5.81171, min distance = 2.537439
XAPA_ECOLI	Fu	165138	3-	PNPH_HUMAN	Fu	764	guani	1V2H	1YQQ	1V45	46.08	Sc=6.29013, min distance = 2.615950
XAPA_ECOLI	Fu	242831	2-	TGT_ZYMMO	Fu	764	guani	2PWU	1YQQ	1S39		Sc=5.94083, min distance = 2.235920
XAPA_ECOLI	Fu	4369374	5	URIC_ASPFL	Fu	764	guani	1XT4	1YQQ	1WRR		Sc=5.81465, min distance = 2.246077
XAPA_ECOLI	Fu	448488	1s	TGT_ZYMMO	Fu	764	guani	2PWU	1YQQ	1S38		Sc=6.00072, min distance = 2.144880
XAPA_ECOLI	Fu	4604	Oxor	URIC_ASPFL	Fu	764	guani	1XT4	1YQQ	1R4U		Sc=5.80012, min distance = 2.570346
XAPA_ECOLI	Fu	76726	5,6	URIC_ASPFL	Fu	764	guani	1XT4	1YQQ	1WS2		Sc=5.73073, min distance = 2.214776
XAPA_ECOLI	Fu	8646	Guar	PNPH_HUMAN	Fu	764	guani	1V2H	1YQQ	1V41	46.08	Sc=5.80525, min distance = 2.438924
XDH_RAT	Full	449077	CI	NQO1_HUMAN	Fu	444188	CI	1D4A	2E3T	2F10	1	Sc=6.40744, min distance = 2.001059

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XDH_RAT	Full	76726	5,6	URIC_ASPFL	Fu	5326622	C	3BJP	2E3T	1WS2				Sc=5.7912, min distance = 2.5756030
XECC_XANP2	F1	444502	CI	TYTR_TRYCR	Fu	444188	CI	1BZL	1M09	1GXF	22.46	0.98		Sc=6.15559, min distance = 2.496607
XECC_XANP2	F1	446013	1,	O28603_ARCFU	I	444188	CI	1JNR	1M09	1JNZ		0.94		Sc=6.43692, min distance = 2.532430
XECC_XANP2	F1	446013	1,	O28604_ARCFU	I	444188	CI	1JNR	1M09	1JNZ		0.94		Sc=6.43576, min distance = 2.477601
XECC_XANP2	F1	448054	CI	FRDA_SHEFR	Fu	444188	CI	1M64	1M09	1Y0P		0.97		Sc=6.14611, min distance = 2.200848
XECC_XANP2	F1	449465	CI	GSHR_HUMAN	Fu	444188	CI	3DK9	1M09	3GRT	25.93	0.98		Sc=6.15297, min distance = 2.540311
XGPT_ECOLI	F1	108714	9-	URIC_ASPFL	Fu	764	guani	1XT4	1A95	1R4S				Sc=5.83952, min distance = 2.656389
XGPT_ECOLI	F1	11287125		TGT_ZYMMO	Fu	764	guani	2PWU	1A95	2BBF				Sc=6.08495, min distance = 2.314667
XGPT_ECOLI	F1	15113	Xar	URIC_ASPFL	Fu	764	guani	1XT4	1A95	2IBA				Sc=5.67714, min distance = 2.485241
XGPT_ECOLI	F1	242831	2-	TGT_ZYMMO	Fu	764	guani	2PWU	1A95	1S39				Sc=5.88746, min distance = 2.349961
XGPT_ECOLI	F1	24741806		TGT_ZYMMO	Fu	764	guani	2PWU	1A95	2Z7K				Sc=6.18903, min distance = 2.010708
XGPT_ECOLI	F1	448010	1c	TGT_ZYMMO	Fu	764	guani	2PWU	1A95	1R5Y				Sc=5.99285, min distance = 2.048832
XGPT_ECOLI	F1	448488	1s	TGT_ZYMMO	Fu	764	guani	2PWU	1A95	1S38				Sc=5.92764, min distance = 2.158437
XGPT_ECOLI	F1	5287547	6	PURR_ECOLI	Fu	764	guani	1WET	1A95	2PUA				Sc=5.69341, min distance = 2.606479
XGPT_ECOLI	F1	5326622	C	URIC_ASPFL	Fu	764	guani	1XT4	1A95	3BJP				Sc=5.81409, min distance = 2.455757
XGPT_ECOLI	F1	6083	ader	PUR1_ECOLI	Fu	444189	CF	1ECC	1A95	1ECP				Sc=6.24091, min distance = 1.785258
XGPT_ECOLI	F1	76726	5,6	URIC_ASPFL	Fu	764	guani	1XT4	1A95	1WS2				Sc=5.71919, min distance = 2.068416
XGPT_ECOLI	F1	8582	Inos	HPRT_ECOLI	Fu	6804	guan	1G9T	1A97	1G9S		0.99		Sc=5.91401, min distance = 2.013019
XGPT_ECOLI	F1	8646	Guar	PNPH_HUMAN	Fu	764	guani	1V2H	1A95	1V41				Sc=5.6839, min distance = 2.2528701
XPP1_HUMAN	F1	6102772	C	ACES_MOUSE	Fu	17472	Hex	2HA2	3CTZ	2GYU		0.81		Sc=5.82837, min distance = 1.997767
XPT_BACSU	Fu	6022	Ader	NDK_PYRHO	Fu	6804	guan	2DXF	2FXV	2DYA		0.8		Sc=6.47291, min distance = 1.957811
XPT_BACSU	Fu	6076	Cycl	PDE10_HUMAN	Fu	6804	guan	2OUQ	2FXV	2OUR		0.79		Sc=6.29417, min distance = 0
XPT_BACSU	Fu	8582	Inos	HGXR_TOXGO	Fu	6804	guan	1QK3	2FXV	1QK4		0.99		Sc=6.43527, min distance = 1.086619
XPT_BACSU	Fu	8582	Inos	HPRT_ECOLI	Fu	6804	guan	1G9T	2FXV	1G9S		0.99		Sc=6.4078, min distance = 2.2150271
XYL1_CANTE	F1	6022	Ader	HMDH_HUMAN	Fu	5886	NADP	1DQA	1K8C	1HW8				Sc=6.45105, min distance = 1.266398
XYLA_ACTMI	F1	10690	glu	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	2XIN	1XLF	67.69			Sc=5.98054, min distance = 1.510201
XYLA_ACTMI	F1	29435	1-D	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	2XIN	1DIE	67.69			Sc=5.86264, min distance = 0.979721
XYLA_ACTMI	F1	29435	1-D	XYLA_ARTS7	Fu	6912	xyli	1XLM	1XIM	1DIE	67.69			Sc=5.85925, min distance = 2.137541
XYLA_ACTMI	F1	439554	fu	Q6PYX1_HUMAN	I	6912	xyli	2B4C	1XIM	1S3K				Sc=5.64273, min distance = 1.605240
XYLA_ACTMI	F1	439692	D-	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	4XIS	67.1			Sc=5.62872, min distance = 2.048767
XYLA_ACTMI	F1	445074	2,	XYLA_ARTS7	Fu	6912	xyli	1XLM	1XIM	1DID	67.69			Sc=5.92803, min distance = 0.965022
XYLA_ACTMI	F1	445916	be	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	1GW9	67.1			Sc=5.64293, min distance = 2.629411
XYLA_ACTMI	F1	449187	CI	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	2XIN	1XLI	67.69			Sc=5.87807, min distance = 1.324040
XYLA_ACTMI	F1	449187	CI	XYLA_ARTS7	Fu	6912	xyli	1XLM	1XIM	1XLI	67.69			Sc=5.87488, min distance = 1.950881
XYLA_ACTMI	F1	5289590	D	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	1XII	67.1			Sc=5.73246, min distance = 2.537519
XYLA_ACTMI	F1	6027	xylo	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	3XIS	67.1			Sc=5.65079, min distance = 1.918549
XYLA_ACTMI	F1	64960	Pol	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	1XIE	67.1	0.88		Sc=5.7552, min distance = 2.4367398

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XYLA_ACTMI	F1	79025	alp	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	1XIF	67.1	0.78	Sc=5.86264, min distance = 2.38661
XYLA_ACTMI	F1	95259	L-x	XYLA_STRRU	Fu	5780	D-Sc	1XIH	2XIN	1XIC	67.1		Sc=5.745, min distance = 2.4563837
XYLA_ARTS7	F1	5289590	D	XYLA_STRRU	Fu	5780	D-Sc	1XIH	4XIA	1XII	65.05		Sc=5.7284, min distance = 2.586654
XYLA_ARTS7	F1	6027	xylc	XYLA_STRRU	Fu	5780	D-Sc	1XIH	4XIA	3XIS	65.05		Sc=5.64293, min distance = 2.06594
XYLA_ARTS7	F1	95259	L-x	XYLA_STRRU	Fu	5780	D-Sc	1XIH	4XIA	1XIC	65.05		Sc=5.75911, min distance = 2.40775
XYLA_STRRU	F1	10690	glu	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	1XIH	1XLF	65.05		Sc=5.92093, min distance = 2.68723
XYLA_STRRU	F1	29435	1-D	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	1XIH	1DIE	65.05		Sc=5.84152, min distance = 2.47033
XYLA_STRRU	F1	439764	be	Q9ZB17_9LACT	I	79025	alp	1NSZ	1XIF	1MMZ	0.93		Sc=5.61618, min distance = 1.96473
XYLS_ECOLI	F1	23831	HEF	DEF_LEPIN	Fu	78165	MES	1VEV	1WE5	1VEY	0.81		Sc=5.60036, min distance = 0.96328
XYN1_ASPNG	F1	23831	HEF	XYNA_BACSU	Fu	125409	be	2QZ3	2QZ2	2B45			Sc=5.65809, min distance = 1.22912
XYN1_BACST	F1	23831	HEF	XYNA_BACSU	Fu	125409	be	2QZ3	1R87	2B45			Sc=5.60646, min distance = 0.83022
XYNA1_CLOSR	I	16741014		CARP_YEAST	Fu	64689	bet	1FQ4	1OD3	1FQ7			Sc=5.72381, min distance = 2.42906
XYNA_BACSU	F1	164795	N	RBCMT_PEA	Fu	23831	HEF	1MLV	2B45	2H2J			Sc=5.77061, min distance = 2.13972
XYNA_BACSU	F1	190	aden	PPAL_YEAST	Fu	23831	HEF	1D1P	2B45	1D2A			Sc=5.74329, min distance = 2.16035
XYNA_BACSU	F1	445994	4-	Q8VP74_9GAMM	I	125409	be	1GQJ	2QZ3	1H41			Sc=6.01074, min distance = 0.69430
XYNA_BACSU	F1	5962	L-ly	RBCMT_PEA	Fu	23831	HEF	1MLV	2B45	2H2E			Sc=5.67529, min distance = 2.11744
XYNA_BACSU	F1	854023	Ex	Q8WSF8_APLCA	I	23831	HEF	2BR7	2B45	2BYQ			Sc=5.90557, min distance = 1.47184
XYNA_PSEFL	F1	444809	Th	GUX2_TRIRE	Fu	125409	be	1QK0	1E5N	1QJW			Sc=5.7479, min distance = 0.830721
XYNA_PSEFL	F1	445564	4-	GUX2_TRIRE	Fu	125409	be	1QK0	1E5N	1QJW	0.82		Sc=5.67002, min distance = 0.75807
XYNA_PSEFL	F1	445615	XY	Q59277_CELFI	I	125409	be	1FH9	1E5N	1FHD			Sc=5.73074, min distance = 2.81744
XYNA_STRLI	F1	439353	be	GGTA1_BOVIN	Fu	6134	lact	1O7O	1KNM	1O7Q	0.87		Sc=5.75873, min distance = 1.90359
XYNA_STRLI	F1	439353	be	LECG_ARAHY	Fu	6134	lact	2PEL	1KNM	1V6I	0.87		Sc=5.7479, min distance = 2.040022
XYNA_STRLI	F1	439353	be	LEG1_HUMAN	Fu	6134	lact	1W6O	1KNM	1GZW	0.87		Sc=5.77268, min distance = 1.62654
XYNA_STRLI	F1	439353	be	LEG2_CONMY	Fu	6134	lact	1IS3	1KNM	1WLD	0.87		Sc=5.74975, min distance = 2.11584
XYNA_STRLI	F1	439353	be	Q6YD91_ERYCG	I	6134	lact	1V0O	1KNM	1UZY	0.87		Sc=5.83634, min distance = 2.11406
XYNA_STRLI	F1	439357	ga	XYN1_BACST	Fu	125409	be	1R87	1V0L	1HIZ	0.93		Sc=5.73102, min distance = 2.40941
XYNA_THEAU	F1	23831	HEF	XYNA_BACSU	Fu	125409	be	2QZ3	2BNJ	2B45			Sc=5.68001, min distance = 0.86652
XYNA_THEAU	F1	64689	bet	Q8XXK6_RALSO	I	6027	xylc	2BS6	1GOR	2BS5	0.93		Sc=5.83281, min distance = 2.17228
XYNA_THEAU	F1	79025	alp	XYLA_STRRU	Fu	6027	xylc	3XIS	1GOR	1XIF	0.93		Sc=5.89894, min distance = 2.06620
XYOA_STRCO	F1	29435	1-D	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	2VFT	1DIE			Sc=5.7529, min distance = 2.259691
XYOA_STRCO	F1	29435	1-D	XYLA_ARTS7	Fu	6912	xyli	1XLM	2VFS	1DIE			Sc=5.7779, min distance = 2.445369
XYOA_STRCO	F1	445074	2,	XYLA_ARTS7	Fu	5780	D-Sc	4XIA	2VFT	1DID			Sc=5.77565, min distance = 2.13221
XYOA_STRCO	F1	445074	2,	XYLA_ARTS7	Fu	6912	xyli	1XLM	2VFS	1DID			Sc=5.8609, min distance = 2.080204
XYOA_STRCO	F1	449187	CI	XYLA_ARTS7	Fu	6912	xyli	1XLM	2VFS	1XLI			Sc=5.82924, min distance = 2.02719
XYOA_STRCO	F1	64689	bet	GUNF_CLOCE	Fu	5780	D-Sc	1FBO	2VFT	1FAE	0.78		Sc=5.78908, min distance = 2.17857
Y021_THEMA	F1	1540	1h1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1O51	1H1Q			Sc=6.1139, min distance = 1.662338
Y021_THEMA	F1	23653515		CDK2_HUMAN	Fu	6022	Aden	1GY3	1O51	2R3F			Sc=5.76849, min distance = 2.13697

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Y021_THEMA	F1	23653518	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2R3J		Sc=6.0644, min distance = 1.9981196
Y021_THEMA	F1	23653520	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2R3L		Sc=5.95356, min distance = 2.073616
Y021_THEMA	F1	24864080	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2VTR		Sc=5.7797, min distance = 2.0053606
Y021_THEMA	F1	2608	1jstv	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	1JSV	Sc=5.73047, min distance = 2.088775
Y021_THEMA	F1	445940	06	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	1GZ8	Sc=5.98988, min distance = 1.845795
Y021_THEMA	F1	446090	1h	NDKC_DICDI	Fu.	6022	Aden	1KDN	1051	1HIY	0.97 Sc=6.3137, min distance = 2.4267766
Y021_THEMA	F1	447655	1c	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	1OIU	Sc=6.17722, min distance = 1.563055
Y021_THEMA	F1	4565	1h1r	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	1H1R	Sc=6.09558, min distance = 1.787485
Y021_THEMA	F1	4566	1h1s	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	1H1S	Sc=6.15216, min distance = 1.816975
Y021_THEMA	F1	5327097	2	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2BTS	Sc=5.60035, min distance = 2.345380
Y021_THEMA	F1	5327132	0	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2C6I	Sc=6.09078, min distance = 1.923005
Y021_THEMA	F1	5327134	0	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2C6L	Sc=6.26599, min distance = 1.719035
Y021_THEMA	F1	5327135	1	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2C6M	Sc=6.0801, min distance = 2.0092026
Y021_THEMA	F1	5331010	0	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2BKZ	Sc=6.07758, min distance = 2.066515
Y021_THEMA	F1	6031	Urid	O33839_THEMA	1	6022	Aden	1XJK	1051	1XJG	Sc=5.8548, min distance = 2.0438564
Y021_THEMA	F1	6083	ader	HSP71_HUMAN	F1	6022	Aden	1S3X	1051	1XQS	0.99 Sc=6.18695, min distance = 2.398725
Y021_THEMA	F1	6083	ader	PSPF_ECOLI	Fu.	6022	Aden	2C98	1051	2VII	0.99 Sc=6.24707, min distance = 2.688326
Y021_THEMA	F1	6083	ader	PURP_METJA	Fu.	6022	Aden	2R7N	1051	2R7M	0.99 Sc=6.24332, min distance = 2.424695
Y021_THEMA	F1	6420138	2	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2UUE	Sc=6.28649, min distance = 1.259512
Y021_THEMA	F1	65051	ddT	NDKC_DICDI	Fu.	6022	Aden	1KDN	1051	1F3F	Sc=5.60247, min distance = 2.733066
Y021_THEMA	F1	9547890	1	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	1W8C	Sc=6.00599, min distance = 1.813115
Y021_THEMA	F1	9991833	9	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2R3H	Sc=5.83066, min distance = 2.473135
Y021_THEMA	F1	9994066	4	CDK2_HUMAN	Fu.	6022	Aden	1GY3	1051	2VTJ	Sc=5.63101, min distance = 2.708896
Y046_MYCTU	F1	439153	Di	Q9BJJ9_PLAFA	1	5893	nadi	1UH5	1GR0	1V35	0.79 Sc=6.78944, min distance = 1.905135
Y046_MYCTU	F1	444427	CI	ADH_DROLE	Fu.	5893	nadi	1SBY	1GR0	1B15	0.76 Sc=6.82952, min distance = 2.097856
Y046_MYCTU	F1	444428	CI	ADH_DROLE	Fu.	5893	nadi	1SBY	1GR0	1B16	0.77 Sc=6.84666, min distance = 2.061755
Y046_MYCTU	F1	445794	AD	ADHX_HUMAN	Fu.	5893	nadi	2FZW	1GR0	2FZE	Sc=6.65586, min distance = 1.406452
Y046_MYCTU	F1	446050	CI	G3P_HUMAN	Fu.	5893	nadi	1U8F	1GR0	3GPD	0.95 Sc=6.78618, min distance = 1.694985
Y046_MYCTU	F1	446288	NA	G3P_PALVE	Fu.	5893	nadi	1DSS	1GR0	1IHX	Sc=6.78785, min distance = 1.868100
Y059_METJA	F1	11957393		FAK1_HUMAN	Fu.	6022	Aden	1MP8	2J9D	2ETM	Sc=5.90328, min distance = 2.156735
Y059_METJA	F1	1400	nche	RET_HUMAN	Fu.	6083	aden	2IVT	2J9D	2IVV	Sc=5.92899, min distance = 2.062515
Y059_METJA	F1	1540	1h1c	CDK2_HUMAN	Fu.	6022	Aden	1GY3	2J9D	1H1Q	Sc=5.78987, min distance = 2.200082
Y059_METJA	F1	160355	rc	CDK2_HUMAN	Fu.	6022	Aden	1GY3	2J9D	3DDQ	Sc=6.09407, min distance = 1.939065
Y059_METJA	F1	24864081		CDK2_HUMAN	Fu.	6022	Aden	1GY3	2J9D	2VTS	Sc=6.07595, min distance = 2.119225
Y059_METJA	F1	24905153		SRC_CHICK	Fu.	6083	aden	3DQX	2J9D	3EN5	Sc=5.65025, min distance = 1.993135
Y059_METJA	F1	24916751		CDK2_HUMAN	Fu.	6022	Aden	1GY3	2J9D	3DOG	Sc=6.17052, min distance = 1.584622
Y059_METJA	F1	3973	nche	PIM1_HUMAN	Fu.	6083	aden	1YXU	2J9D	1YI3	Sc=5.7038, min distance = 2.3269735

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Y059_METJA	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	2J9D	1BS1	0.91	Sc=6.28998, min distance = 2.201729
Y059_METJA	F1	444591	CI	IDH_ECOLI	Fu	51	2-Oxop	1CW4	2J9E	1BL5		Sc=5.60743, min distance = 2.177237
Y059_METJA	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2J9D	1WXE	0.91	Sc=6.03242, min distance = 2.535557
Y059_METJA	F1	445940	O6	CDK2_HUMAN	Fu	6022	Aden	1GY3	2J9D	1GZ8		Sc=5.76418, min distance = 2.055387
Y059_METJA	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2J9D	1OI9		Sc=6.09558, min distance = 2.508809
Y059_METJA	F1	447655	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	2J9D	1OIU		Sc=5.98915, min distance = 2.165902
Y059_METJA	F1	449240	1y	KAPCA_BOVIN	F1	5957	Aden	1Q24	2J9C	1YDR		Sc=5.71439, min distance = 2.115611
Y059_METJA	F1	5288017	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	2J9D	2B55		Sc=6.35263, min distance = 2.195632
Y059_METJA	F1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2J9D	1FMO	0.95	Sc=5.92405, min distance = 2.871990
Y059_METJA	F1	60961	ade	Q84CU3_THETH	1	6083	aden	1V8S	2J9D	1V8Y	0.96	Sc=5.9152, min distance = 2.2323581
Y059_METJA	F1	657135	Op	PIM1_HUMAN	Fu	6083	aden	1YXU	2J9D	1YXV		Sc=5.79949, min distance = 1.906862
Y059_METJA	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	2J9C	2Q0E	0.8	Sc=5.96924, min distance = 1.934212
Y059_METJA	F1	91532	AMF	NIFH1_AZOVI	F1	5957	Aden	2C8V	2J9C	2AFK	0.99	Sc=5.95242, min distance = 1.818724
Y065_HAEIN	F1	24864080		CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	2VTR		Sc=6.06132, min distance = 2.126291
Y065_HAEIN	F1	2608	1jst	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	1JSV		Sc=6.00047, min distance = 1.787352
Y065_HAEIN	F1	444564	AI	BIOD_ECOLI	Fu	6022	Aden	1DAD	1HTW	1BS1	0.91	Sc=6.09669, min distance = 2.241056
Y065_HAEIN	F1	444842	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	1CKP		Sc=5.6204, min distance = 2.1834521
Y065_HAEIN	F1	447649	1c	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	1OI9		Sc=6.43615, min distance = 1.853306
Y065_HAEIN	F1	447654	CI	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	1OIT		Sc=6.2584, min distance = 1.8690944
Y065_HAEIN	F1	4565	1h1r	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	1H1R		Sc=6.37158, min distance = 2.261841
Y065_HAEIN	F1	4566	1h1s	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	1H1S		Sc=6.37553, min distance = 1.939357
Y065_HAEIN	F1	5327134	C	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	2C6L		Sc=6.36436, min distance = 1.996079
Y065_HAEIN	F1	6132	Cyti	ECX2_PYRAB	Fu	6022	Aden	2PO0	1HTW	2PO2		Sc=5.85686, min distance = 2.183401
Y065_HAEIN	F1	6338561	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1HTW	1D0X		Sc=6.17939, min distance = 2.100391
Y065_HAEIN	F1	6338562	C	MYS2_DICDI	Fu	6022	Aden	1VOM	1HTW	1D0Y		Sc=6.18485, min distance = 2.051249
Y065_HAEIN	F1	91532	AMF	NIFH1_AZOVI	F1	6022	Aden	1FP6	1HTW	2AFK	0.99	Sc=6.20764, min distance = 1.596391
Y065_HAEIN	F1	9926933	1	CDK2_HUMAN	Fu	6022	Aden	1GY3	1HTW	2VTI		Sc=6.1891, min distance = 1.9845979
Y1033_PYRHO	1	439276	3-	TPIS_TRYBB	Fu	311	citri	2VEK	2HD9	6TIM		Sc=5.6094, min distance = 2.2697969
Y1062_METJA	1	8200	TETF	LMBL1_HUMAN	F1	78165	MES	1OZ2	3E04	2RHI		Sc=5.63717, min distance = 1.562738
Y1078_PYRAB	1	188380	Ac	MCES_ENCCU	Fu	439155	Ad	1RI1	2JJQ	1Z3C	0.91	Sc=6.51849, min distance = 2.035361
Y1078_PYRAB	1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2JJQ	1JQE	0.95	Sc=6.48544, min distance = 2.252026
Y1078_PYRAB	1	446768	CI	CFA1_MYCTU	Fu	439155	Ad	1KPG	2JJQ	1KPH	0.91	Sc=6.48862, min distance = 2.054618
Y1078_PYRAB	1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2JJQ	1JG2	0.84	Sc=6.24707, min distance = 2.532901
Y1078_PYRAB	1	65482	sir	PRMA_THET8	Fu	439155	Ad	3EGV	2JJQ	2ZBR	0.88	Sc=6.52625, min distance = 2.122364
Y1264_MYCTU	1	445638	pa	NLTP_MAIZE	Fu	5281	stea	1FK4	2EV1	1FK3	0.75	Sc=5.80112, min distance = 2.053371
Y1264_MYCTU	1	446284	Ti	PPARD_HUMAN	F1	5281	stea	2AWH	2EV1	3GWX		Sc=5.96616, min distance = 2.404247
Y1264_MYCTU	1	5280934	1	NLTP_MAIZE	Fu	5281	stea	1FK4	2EV1	1FK6	0.75	Sc=5.94276, min distance = 2.550716

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Y138A_HAEIN	1	5961	L-g	SYQ_ECOLI	Ful	33032	L-g	100C	1MWW	1ZJW	0.84	Sc=5.61226, min distance = 2.444560
Y1468_THEMA	1	175468	12	LACB_BOVIN	Fu	985	palmi	1GXA	1MGP	1BSO	0.83	Sc=5.90878, min distance = 2.486380
Y1503_PYRHO	1	10109823		PIM1_HUMAN	Fu	6083	aden	1YXU	2DCL	3CY3		Sc=6.36596, min distance = 1.334664
Y1503_PYRHO	1	24316	cyd	PDE10_HUMAN	Fu	6083	aden	2OUN	2DCL	2OUU	0.81	Sc=6.07456, min distance = 2.176904
Y1503_PYRHO	1	24905143		SRC_CHICK	Ful	6083	aden	3DQX	2DCL	3EN7		Sc=6.16076, min distance = 2.349894
Y1503_PYRHO	1	24905153		SRC_CHICK	Ful	6083	aden	3DQX	2DCL	3EN5		Sc=6.19256, min distance = 2.141039
Y1503_PYRHO	1	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	2DCL	1GFZ		Sc=5.81276, min distance = 1.800480
Y1503_PYRHO	1	440641	1n	O57693_THETE	1	6083	aden	1UXU	2DCL	1UXR		Sc=5.96519, min distance = 2.231484
Y1503_PYRHO	1	445432	CI	SYQ_ECOLI	Ful	6083	aden	1ZJW	2DCL	1QTQ	0.84	Sc=6.51064, min distance = 1.850054
Y1503_PYRHO	1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	2DCL	1WXE	0.91	Sc=6.17643, min distance = 2.357464
Y1503_PYRHO	1	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	2DCL	2C3I		Sc=6.16763, min distance = 2.145534
Y1503_PYRHO	1	5957	Ader	PSPF_ECOLI	Fu	6083	aden	2VII	2DCL	2C96	0.98	Sc=5.62803, min distance = 2.016204
Y1503_PYRHO	1	6022	Ader	HSP71_HUMAN	Fu	6083	aden	1XQS	2DCL	1S3X	0.99	Sc=6.34806, min distance = 1.419704
Y1503_PYRHO	1	6022	Ader	NDK_PYRHO	Ful	6083	aden	2DXD	2DCL	2DYA	0.99	Sc=6.25878, min distance = 2.500474
Y1503_PYRHO	1	6076	Cycl	PDE10_HUMAN	Fu	6083	aden	2OUN	2DCL	2OUR	0.99	Sc=6.05664, min distance = 1.934844
Y1503_PYRHO	1	60961	ade	Q84CU3_THETH	1	6083	aden	1V8S	2DCL	1V8Y	0.96	Sc=6.08333, min distance = 1.997114
Y1503_PYRHO	1	65533	cor	O57693_THETE	1	6083	aden	1UXU	2DCL	1UXT		Sc=5.96982, min distance = 2.247374
Y1503_PYRHO	1	8977	1dar	NDK_PYRHO	Ful	6083	aden	2DXD	2DCL	2DXE	0.79	Sc=5.82063, min distance = 2.583714
Y1503_PYRHO	1	92199	AME	HINT1_HUMAN	Fu	6083	aden	1KPF	2DCL	1AV5	0.97	Sc=6.3662, min distance = 1.2962110
Y1503_PYRHO	1	9547921	G	SYQ_ECOLI	Ful	6083	aden	1ZJW	2DCL	2RE8	0.82	Sc=6.5114, min distance = 2.0249264
Y1503_PYRHO	1	97297	5-1	HASP_HUMAN	Fu	6083	aden	3DLZ	2DCL	2VUW	0.75	Sc=6.03378, min distance = 2.768234
Y1521_ARCFU	1	23831	HEE	GSTP1_HUMAN	Fu	78165	MES	2A2R	1VHU	1PGT	0.81	Sc=5.6016, min distance = 2.2020194
Y1521_ARCFU	1	445794	AD	YMX7_YEAST	Fu	6022	Aden	1TY8	2BFR	1TXZ	0.95	Sc=6.64701, min distance = 2.188384
Y1521_ARCFU	1	446090	1h	NDKC_DICDI	Fu	6022	Aden	1KDN	2BFR	1HIY	0.97	Sc=6.44706, min distance = 1.331994
Y1521_ARCFU	1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	2BFR	1PXI		Sc=5.73427, min distance = 2.346214
Y1521_ARCFU	1	6083	ader	Q84CU3_THETH	1	447048	2b	1V8L	2BFQ	1V8S	0.94	Sc=6.34248, min distance = 2.072224
Y1521_ARCFU	1	60961	ade	IPKA_RABIT	Fu	6022	Aden	1JBP	2BFR	1FMO	0.95	Sc=6.20286, min distance = 2.413814
Y1521_ARCFU	1	6852187	2	O57883_PYRHO	1	6022	Aden	1WNL	2BFR	2DTH	0.89	Sc=6.10978, min distance = 2.451364
Y1521_ARCFU	1	8200	TETF	LMBL1_HUMAN	Fu	78165	MES	1OZ2	1VHU	2RHI		Sc=5.69469, min distance = 2.412174
Y1521_ARCFU	1	8977	1dar	O33839_THEMA	1	6022	Aden	1XJK	2BFR	1XJE	0.8	Sc=5.98206, min distance = 2.081934
Y1521_ARCFU	1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	2BFR	2ZGY	0.8	Sc=6.47497, min distance = 2.104514
Y1926_ARATH	1	11957385		MYG_PHYCA	Ful	444098	HE	1A6M	3EMM	2CMM		Sc=5.975, min distance = 2.45673380
Y2074_MYCTU	1	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	2ASF	2H3E		Sc=5.61506, min distance = 1.474374
Y2349_CORGL	1	12389	Tet	LTC4S_HUMAN	Fu	985	palmi	2UUH	3EGL	2UUI		Sc=6.01162, min distance = 2.089714
Y241_ARCFU	Fu	21945395		SETD7_HUMAN	Fu	34756	Acy	1N6A	2NV4	1XQH	0.88	Sc=6.48544, min distance = 1.870954
Y241_ARCFU	Fu	439182	5	Q70GK9_STRCT	1	34756	Acy	1RQP	2NV4	2CC2	0.86	Sc=6.19881, min distance = 2.429244
Y241_ARCFU	Fu	445971	CI	METJ_ECOLI	Fu	34756	Acy	1CMC	2NV4	1MJL	0.92	Sc=6.54168, min distance = 1.283544

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Y284_PYRHO	F1	444503	FU	NDKC_DICDI	Fu:	6022	Aden	1KDN	2DR3	1B99		Sc=6.25, min distance = 1.994182790
Y284_PYRHO	F1	447955	1p	CDK2_HUMAN	Fu:	6022	Aden	1GY3	2DR3	1PXI		Sc=5.69752, min distance = 2.224535
Y284_PYRHO	F1	5957	Ader	MALK_ECOLI	Fu:	6022	Aden	2AWN	2DR3	1Q12	0.99	Sc=5.94492, min distance = 2.182018
Y284_PYRHO	F1	91532	AME	MTNK_BACSU	Fu:	6022	Aden	2OLC	2DR3	2PUL	0.99	Sc=5.7029, min distance = 2.0859495
Y284_PYRHO	F1	91557	1tr	Q94M05_9VIRU	1	6022	Aden	1W44	2DR3	1W48	0.99	Sc=6.01043, min distance = 1.384842
Y406_METJA	F1	15993	dAT	PRIM_BPT7	Fu:	33113	gar	1E0J	2C49	1CR2	0.97	Sc=5.97639, min distance = 1.802308
Y406_METJA	F1	3064778	H	ROCK1_HUMAN	F1	33113	gar	2V55	2C49	2ETK		Sc=6.07173, min distance = 1.845632
Y406_METJA	F1	3547	Fasu	ROCK1_HUMAN	F1	33113	gar	2V55	2C49	2ESM		Sc=5.97177, min distance = 2.055840
Y406_METJA	F1	3973	nche	PIM1_HUMAN	Fu:	33113	gar	1XR1	2C49	1YI3		Sc=5.95315, min distance = 1.686595
Y406_METJA	F1	444367	CI	CSK2A_MAIZE	F1	33113	gar	1LP4	2C49	1OM1		Sc=6.2174, min distance = 2.4856620
Y406_METJA	F1	447722	9-	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1OUM	0.9	Sc=6.33424, min distance = 2.220458
Y406_METJA	F1	447724	9-	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1OV6	0.9	Sc=6.36001, min distance = 1.270625
Y406_METJA	F1	447864	2	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1PKE	0.96	Sc=6.27417, min distance = 2.165701
Y406_METJA	F1	448042	2e	ROCK1_HUMAN	F1	33113	gar	2V55	2C49	2ETR		Sc=6.14112, min distance = 1.531975
Y406_METJA	F1	5326976	1	CSK2A_MAIZE	F1	33113	gar	1LP4	2C49	1ZOE		Sc=5.72254, min distance = 1.712835
Y406_METJA	F1	5327121	1	PIM1_HUMAN	Fu:	33113	gar	1XR1	2C49	2C3I		Sc=6.25968, min distance = 1.901825
Y406_METJA	F1	6021	inos	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1PR0	0.79	Sc=6.31506, min distance = 1.473898
Y406_METJA	F1	6021	inos	TMPC_TREPA	Fu:	60961	ade	2FQY	2C49	2FQW	0.79	Sc=6.27752, min distance = 2.182785
Y406_METJA	F1	6083	ader	HSP71_HUMAN	F1	33113	gar	2E8A	2C49	1XQS	0.97	Sc=6.34658, min distance = 2.002044
Y406_METJA	F1	6083	ader	PIM1_HUMAN	Fu:	33113	gar	1XR1	2C49	1YXU	0.97	Sc=5.86994, min distance = 1.676549
Y406_METJA	F1	611002	Op	PIM1_HUMAN	Fu:	33113	gar	1XR1	2C49	1YXX		Sc=6.15585, min distance = 1.948982
Y406_METJA	F1	6802	guar	A5KE01_PLAVI	1	60961	ade	2PGF	2C49	2QVN	0.79	Sc=6.34648, min distance = 2.135258
Y406_METJA	F1	6802	guar	TMPC_TREPA	Fu:	60961	ade	2FQY	2C49	2FQX	0.79	Sc=6.33257, min distance = 2.018015
Y406_METJA	F1	72443	for	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1A69		Sc=6.35212, min distance = 1.425885
Y406_METJA	F1	8975	2-F1	SAHH_MYCTU	Fu:	60961	ade	3CE6	2C49	2ZJ0	0.99	Sc=6.33985, min distance = 2.067570
Y406_METJA	F1	92199	AME	USHA_ECOLI	Fu:	60961	ade	1H05	2C49	1HPU	0.93	Sc=6.49691, min distance = 1.123225
Y406_METJA	F1	9570	6-Me	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1PR4	0.88	Sc=6.30933, min distance = 1.604628
Y406_METJA	F1	97184	6-M	DEOD_ECOLI	Fu:	60961	ade	1PK7	2C49	1OVG	0.9	Sc=6.23269, min distance = 2.138645
Y5224_ARATH	1	15942680		6PGD_LACLM	Fu:	5886	NADF	2IZ0	1XQ6	2IZ1		Sc=6.33445, min distance = 1.500875
Y5224_ARATH	1	440141	9i	DHB1_HUMAN	Fu:	5886	NADF	1QYV	1XQ6	1QYW		Sc=5.94562, min distance = 2.396050
Y5224_ARATH	1	440141	9i	G6PD_LEUME	Fu:	5886	NADF	1H9A	1XQ6	1E7Y		Sc=5.94245, min distance = 2.224325
Y5224_ARATH	1	448155	AD	ILV5_SPIOL	Fu:	5886	NADF	1YVE	1XQ6	1QMG		Sc=6.60732, min distance = 1.934255
Y577_METJA	F1	444564	AD	BIOD_ECOLI	Fu:	5957	Aden	1A82	1MJH	1BS1	0.91	Sc=6.48483, min distance = 2.081952
Y577_METJA	F1	444564	AD	MYS2_DICDI	Fu:	5957	Aden	1FMW	1MJH	1W9I	0.91	Sc=6.47235, min distance = 0
Y577_METJA	F1	444852	CI	ATPB_BOVIN	Fu:	5957	Aden	2V7Q	1MJH	1COW	0.91	Sc=6.53845, min distance = 2.053405
Y577_METJA	F1	447916	ac	RIO1_ARCFU	Fu:	5957	Aden	1ZP9	1MJH	1ZTF	0.94	Sc=6.3343, min distance = 2.0534368
Y577_METJA	F1	6022	Ader	MUTS_ECOLI	Fu:	5957	Aden	1W7A	1MJH	1OH7	0.99	Sc=6.4803, min distance = 1.9449055

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Y577_METJA	F1	6022	Ader	PURK_ECOLI	Fu:	5957	Aden	3ETH	1MJH	3ETJ	0.99	Sc=6.47704, min distance = 2.087188
Y577_METJA	F1	6022	Ader	PURP_METJA	Fu:	5957	Aden	2R7L	1MJH	2R7N	0.99	Sc=6.47813, min distance = 2.008962
Y577_METJA	F1	6022	Ader	Y059_METJA	Fu:	5957	Aden	2J9C	1MJH	2J9D	0.99	Sc=6.50352, min distance = 1.654847
Y577_METJA	F1	6083	ader	AAKG1_RAT	Fu:	5957	Aden	2V92	1MJH	2V8Q	0.98	Sc=6.43645, min distance = 2.017260
Y577_METJA	F1	6083	ader	PURP_METJA	Fu:	5957	Aden	2R7L	1MJH	2R7M	0.98	Sc=6.42798, min distance = 2.122952
Y577_METJA	F1	6083	ader	PURP_PYRFU	Fu:	5957	Aden	2R86	1MJH	2R85	0.98	Sc=6.43469, min distance = 2.295979
Y577_METJA	F1	60961	ade	SYQ_ECOLI	Fu:	5957	Aden	1GTR	1MJH	100B	0.94	Sc=6.34196, min distance = 2.318805
Y577_METJA	F1	91532	AME	Q5SJV7_THET8	1	5957	Aden	2Z08	1MJH	2Z09	0.99	Sc=6.54868, min distance = 2.556424
Y766_HAEIN	F1	65482	sir	MTTA_THEAQ	Fu:	439155	Ad	1AQI	1MXI	1AQJ	0.88	Sc=6.55513, min distance = 2.202114
Y796_METJA	F1	129236	2c	CKI1_SCHPO	Fu:	5957	Aden	1CSN	1L2T	2CSN		Sc=5.63489, min distance = 2.031352
Y796_METJA	F1	1540	1h1c	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F30	1H1Q		Sc=5.96669, min distance = 2.303935
Y796_METJA	F1	16122607		PDPK1_HUMAN	F1	5957	Aden	2BIY	1L2T	2PE0		Sc=5.95153, min distance = 3.068741
Y796_METJA	F1	16122608		PDPK1_HUMAN	F1	5957	Aden	2BIY	1L2T	2PE1		Sc=6.16181, min distance = 2.452541
Y796_METJA	F1	23653516		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F30	2R3G		Sc=5.91904, min distance = 2.264801
Y796_METJA	F1	23727981		CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F30	3BHT		Sc=5.82426, min distance = 2.872298
Y796_METJA	F1	4565	1h1r	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F30	1H1R		Sc=5.98786, min distance = 2.037355
Y796_METJA	F1	6176	Cyti	Q381M1_9TRYP	1	5957	Aden	2Q0D	1L2T	2Q0C		Sc=5.87624, min distance = 2.054696
Y796_METJA	F1	6830	guar	Q381M1_9TRYP	1	5957	Aden	2Q0D	1L2T	2Q0E	0.8	Sc=5.6782, min distance = 2.099392
Y796_METJA	F1	6918710	5	CDK2_HUMAN	Fu:	6022	Aden	1GY3	1F30	3EJ1		Sc=5.91467, min distance = 2.332428
Y796_METJA	F1	91532	AME	INSR_HUMAN	Fu:	5957	Aden	3BU5	1L2T	1I44	0.99	Sc=5.93649, min distance = 2.225428
Y796_METJA	F1	91557	1tr	PANC_MYCTU	Fu:	5957	Aden	2A84	1L2T	1N2E	0.99	Sc=6.03058, min distance = 2.084028
Y827_HAEIN	F1	445496	TE	A2NHM3_MOUSE	1	311	citri	1ZEA	3BJK	1F3D		Sc=6.07004, min distance = 0.423067
Y827_HAEIN	F1	448573	FI	CASP7_HUMAN	F1	311	citri	2QL9	3BJK	1SHL		Sc=5.91704, min distance = 1.452865
Y856_PYRHO	F1	444658	2a	Q9WZW1_THEMA	1	444243	FA	1T6Y	2R6V	1T6Z	0.97	Sc=6.57793, min distance = 2.119748
Y856_PYRHO	F1	5326566	1	Q9WZW1_THEMA	1	444243	FA	1T6Y	2R6V	1S4M	0.82	Sc=6.28314, min distance = 2.592001
Y863_METTH	F1	16741044		PYRDA_LACLC	F1	444243	FA	1JUB	2PTF	1JRB		Sc=5.77129, min distance = 2.142164
Y863_METTH	F1	444658	2a	Q9WZW1_THEMA	1	444243	FA	1T6Y	2PTF	1T6Z	0.97	Sc=6.04763, min distance = 2.365802
Y863_METTH	F1	446995	FM	CYB2_YEAST	Fu:	444243	FA	1KBI	2PTF	1LTD	0.77	Sc=5.78158, min distance = 2.064082
Y863_METTH	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	2PTF	1HE5	0.82	Sc=6.13961, min distance = 2.221944
Y863_METTH	F1	5326566	1	Q9WZW1_THEMA	1	444243	FA	1T6Y	2PTF	1S4M	0.82	Sc=6.22129, min distance = 2.370028
Y883_METJA	F1	439155	Ac	ERM_BACSU	Fu:	65482	sin	1QAQ	2YX1	1QAN	0.88	Sc=6.47694, min distance = 2.191405
Y933_HAEIN	F1	16740985		FRDA_SHEFR	Fu:	444188	CI	1M64	2GQF	1E39	0.93	Sc=6.87798, min distance = 2.217961
Y933_HAEIN	F1	444502	CI	FRDA_SHEFR	Fu:	444188	CI	1M64	2GQF	1QJD	0.98	Sc=6.87685, min distance = 2.178528
Y933_HAEIN	F1	444502	CI	GSHR_HUMAN	Fu:	444188	CI	3DK9	2GQF	1BWC	0.98	Sc=6.44542, min distance = 2.547325
Y933_HAEIN	F1	444502	CI	TYTR_TRYCR	Fu:	444188	CI	1BZL	2GQF	1GXF	0.98	Sc=6.44388, min distance = 2.356861
Y933_HAEIN	F1	446013	1,	O28603_ARCFU	1	444188	CI	1JNR	2GQF	1JNZ	0.94	Sc=6.44287, min distance = 2.076567
Y933_HAEIN	F1	446013	1,	O28604_ARCFU	1	444188	CI	1JNR	2GQF	1JNZ	0.94	Sc=6.44358, min distance = 2.034107

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Y938_MYCTU	F1	449109	CI	FTSZ1_METJA	F1	6830	guan	1W5B	2IRX	1W5A		Sc=5.98338, min distance = 2.114776
Y938_MYCTU	F1	5957	Ader	Q381M1_9TRYP	1	6830	guan	2Q0E	2IRX	2Q0D	0.8	Sc=6.3757, min distance = 2.1230186
Y938_MYCTU	F1	8582	Inos	PUR1_MOUSE	F1	6830	guan	1LOO	2IRX	1IWE	0.98	Sc=6.22891, min distance = 2.444010
YBHB_ECOLI	F1	164795	N	RBCMT_PEA	Ful	23831	HEF	1MLV	1FJJ	2H2J		Sc=5.7665, min distance = 2.5382917
YBHB_ECOLI	F1	5962	L-ly	RBCMT_PEA	Ful	23831	HEF	1MLV	1FJJ	2H2E		Sc=5.67059, min distance = 2.657405
YBHB_ECOLI	F1	854023	Ep	Q8WSF8_APLCA	1	23831	HEF	2BR7	1FJJ	2BYQ		Sc=5.96718, min distance = 1.374377
YCGJ_BACSU	F1	16741210		MTTA_THEAQ	Fu	34756	Acy	2ADM	2GLU	2JG3		Sc=6.46595, min distance = 1.709739
YCGJ_BACSU	F1	439176	Me	MTR1_RHOSH	Fu	34756	Acy	1NW5	2GLU	1EG2	0.91	Sc=6.26959, min distance = 2.112971
YCGJ_BACSU	F1	445971	CI	COMT_RAT	Full	34756	Acy	2CL5	2GLU	1H1D	0.92	Sc=6.51893, min distance = 2.341036
YCGJ_BACSU	F1	5326531	C	CHOMT_MEDSA	F1	34756	Acy	1FPQ	2GLU	1FP1	0.92	Sc=6.52796, min distance = 2.045652
YCIK_ECOLI	F1	15942680		6PGD_LACLM	Fu	5886	NADF	2IZ0	3F1K	2IZ1		Sc=6.3415, min distance = 1.3723051
YCIK_ECOLI	F1	16129590		Y5224_ARATH	F1	5886	NADF	1XQ6	3F1K	2Q4B	0.99	Sc=6.32805, min distance = 1.606396
YCIK_ECOLI	F1	440141	9	G6PD_LEUME	Fu	5886	NADF	1H9A	3F1K	1E7Y		Sc=5.64295, min distance = 2.370986
YDFN_BACSU	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	3BEM	1HE5	0.82	Sc=5.99848, min distance = 2.076632
YDFN_BACSU	F1	5326566	1	Q9WZWI_THEMA	1	444243	FA	1T6Y	3BEM	1S4M	0.82	Sc=6.06887, min distance = 2.433084
YDIB_ECOLI	F1	16129587		G3PA_SPIOL	Fu	5893	nadi	1NBO	1VI2	2PKR		Sc=6.31785, min distance = 1.524794
YDIB_ECOLI	F1	169266	1,	GALE_HUMAN	Fu	5893	nadi	1HZJ	1VI2	1I3K	0.79	Sc=6.41738, min distance = 2.209621
YDIB_ECOLI	F1	6022	Ader	Q5SI02_THET8	1	5893	nadi	2BJK	1VI2	2BJA		Sc=6.23092, min distance = 1.999122
YDIB_ECOLI	F1	6083	ader	NADE_ECOLI	Fu	5893	nadi	1WXH	1VI2	1WXI		Sc=6.35961, min distance = 1.902211
YDIB_ECOLI	F1	6102710	A	Q4PRK9_PLAVI	1	5893	nadi	2A92	1VI2	2AA3	0.95	Sc=6.42859, min distance = 2.005215
YDJA_ECOLI	F1	5326566	1	BLVRB_HUMAN	F1	444243	FA	1HE4	3BM1	1HE5	0.82	Sc=6.04917, min distance = 2.321185
YFBR_ECOLI	F1	13730	dec	DCK_HUMAN	Ful	12599	dAM	2QRO	2PAU	2ZI3	0.95	Sc=6.18695, min distance = 1.804215
YFBR_ECOLI	F1	13945	Dec	DCK_HUMAN	Ful	12599	dAM	2QRO	2PAU	2QRN		Sc=6.18187, min distance = 1.910742
YFBR_ECOLI	F1	1855	CID1	KITH_HHV11	Fu	9700	thyr	1VTK	2PAR	1E2P		Sc=5.99389, min distance = 2.114105
YFBR_ECOLI	F1	187790	de	DCK_HUMAN	Ful	12599	dAM	2QRO	2PAU	2ZI7	0.76	Sc=6.07517, min distance = 2.194951
YFBR_ECOLI	F1	20279	Cl	DCK_HUMAN	Ful	12599	dAM	2QRO	2PAU	2ZIA	0.94	Sc=6.15872, min distance = 2.175601
YFBR_ECOLI	F1	445210	9-	KITH_HHV11	Fu	9700	thyr	1VTK	2PAR	1E2I		Sc=5.80402, min distance = 2.382437
YFBR_ECOLI	F1	445211	9-	KITH_HHV11	Fu	9700	thyr	1VTK	2PAR	1E2I		Sc=5.82214, min distance = 2.692257
YFBR_ECOLI	F1	445269	CI	KTHY_MYCTU	Fu	9700	thyr	1GTV	2PAR	1W2H	0.85	Sc=6.21483, min distance = 2.132641
YFBR_ECOLI	F1	446727	Br	KITH_HHV11	Fu	9700	thyr	1VTK	2PAR	1KI8	0.83	Sc=6.08938, min distance = 2.603682
YFBR_ECOLI	F1	447628	[	KITH_HHV11	Fu	9700	thyr	1VTK	2PAR	1OF1		Sc=6.11729, min distance = 2.598186
YFBR_ECOLI	F1	447714	CI	NT5M_HUMAN	Fu	9700	thyr	1Z4L	2PAR	2JAW	0.9	Sc=5.91868, min distance = 2.679016
YFBR_ECOLI	F1	454194	Tr	DCK_HUMAN	Ful	12599	dAM	2QRO	2PAU	2NO9		Sc=5.67013, min distance = 2.608246
YFBR_ECOLI	F1	489519	AI	DCK_HUMAN	Ful	12599	dAM	2QRO	2PAU	2ZI4	0.95	Sc=6.12003, min distance = 2.314595
YFBR_ECOLI	F1	5789	thyr	RMLA1_ECOLI	F1	9700	thyr	1H5S	2PAR	1H5R	0.92	Sc=6.19685, min distance = 1.263117
YFIH_ECOLI	F1	51	2-Oxof	SERA_ECOLI	Fu	311	citri	2P9E	1Z9T	1YBA	0.76	Sc=5.64782, min distance = 2.100154
YFIH_ECOLI	F1	5354052	p	MIF_HUMAN	Ful	311	citri	1GD0	1Z9T	2O0Z		Sc=5.8244, min distance = 0.8994142

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YFIH_ECOLI	F1	93072	Ure	PYRB_ECOLI	Fu	311	citri	1R0B	1Z9T	1R0C		Sc=5.8368, min distance = 0.419605
YGIN_ECOLI	F1	115348	2-	NQO2_HUMAN	Fu	10209	Men	2QR2	1TUV	2QX8		Sc=5.80074, min distance = 2.677205
YGIN_ECOLI	F1	896	Melat	NQO2_HUMAN	Fu	10209	Men	2QR2	1TUV	2QWX		Sc=5.96588, min distance = 1.691721
YGJK_ECOLI	F1	4369553	1	Q9AQS0_BACGL	1	439680	be2E22		3C68	1X1I		Sc=5.97182, min distance = 2.356712
YGJK_ECOLI	F1	7048614	2	XYLA_STRRU	Fu	79025	alp	1XIF	3C67	1XID		Sc=5.63615, min distance = 2.148693
YHDH_ECOLI	F1	448155	AD	ILV5_SPIOL	Fu	5886	NADF	1YVE	108C	1QMG		Sc=5.90201, min distance = 1.924458
YHIQ_SHIFL	F1	446535	CI	HNMT_HUMAN	Fu	439155	Ad	2AOT	2OYR	1JQE	0.95	Sc=6.55691, min distance = 2.212046
YHIQ_SHIFL	F1	60961	ade	PIMT_PYRFU	Fu	439155	Ad	1JG1	2OYR	1JG2	0.84	Sc=6.34718, min distance = 2.315693
YIHS_ECOLI	F1	10918	Car	OCTC_MOUSE	Fu	23831	HEF	1XL7	2RGK	1XL8		Sc=5.7852, min distance = 2.128546
YIZA_BACSU	F1	8178	Meth	SUBT_BACAM	Fu	311	citri	1TO2	2QE9	1TM5		Sc=5.90191, min distance = 0.888676
YIZA_BACSU	F1	8778	Laur	CTXA3_NAJAT	F1	311	citri	1XT3	2QE9	1H0J		Sc=5.61174, min distance = 1.234642
YKQA_BACSU	F1	439459	Hc	NIFD_KLEPN	Fu	311	citri	1H1L	2QIK	1QGU	0.92	Sc=6.10707, min distance = 2.121804
YKQA_BACSU	F1	445905	1g	AROQ_HELPY	Fu	311	citri	2C4V	2QIK	2C57		Sc=5.94555, min distance = 1.409803
YL28_SCHPO	F1	101609	Ur	Q9SSV1_NICGU	1	6083	aden	1VD1	20OX	1VD3		Sc=6.18197, min distance = 2.339373
YL28_SCHPO	F1	11957399		PYRB_ECOLI	Fu	311	citri	1R0B	20OY	2H3E		Sc=5.8374, min distance = 0.697896
YL28_SCHPO	F1	12136	Ber	POL_HV1N5	Fu	311	citri	2GON	20OY	9HVP		Sc=5.6609, min distance = 0.750908
YL28_SCHPO	F1	166760	Fa	PURP_METJA	Fu	65110	AIC	2R7K	2QRE	2R7N	0.97	Sc=6.36311, min distance = 1.879430
YL28_SCHPO	F1	24851689		PIM1_HUMAN	Fu	6083	aden	1YXU	20OX	3CY2		Sc=6.31229, min distance = 0.947393
YL28_SCHPO	F1	2519	caff	PYGM_RABIT	Fu	6083	aden	8GPB	20OX	1GFZ		Sc=5.81276, min distance = 2.091927
YL28_SCHPO	F1	444503	FU	NDKC_DICDI	Fu	6022	Aden	1KDN	2QRD	1B99		Sc=6.17893, min distance = 1.436803
YL28_SCHPO	F1	445708	AM	NADE_ECOLI	Fu	6083	aden	1WXI	20OX	1WXE	0.91	Sc=6.34563, min distance = 2.374109
YL28_SCHPO	F1	446280	CI	RICI_RICCO	Fu	6083	aden	1OBT	20OX	1IFU		Sc=6.15858, min distance = 2.081998
YL28_SCHPO	F1	448895	AD	UMPK_YEAST	Fu	6083	aden	1UKZ	20OX	1UKY	0.99	Sc=6.42829, min distance = 2.041303
YL28_SCHPO	F1	5327121	1	PIM1_HUMAN	Fu	6083	aden	1YXU	20OX	2C3I		Sc=6.30293, min distance = 2.006052
YL28_SCHPO	F1	611002	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	20OX	1YXX		Sc=6.13286, min distance = 1.641603
YL28_SCHPO	F1	657135	Og	PIM1_HUMAN	Fu	6083	aden	1YXU	20OX	1YXV		Sc=5.81594, min distance = 3.048766
YL28_SCHPO	F1	93072	Ure	PYRB_ECOLI	Fu	311	citri	1R0B	20OY	1R0C		Sc=5.7637, min distance = 0.735231
YL28_SCHPO	F1	9547936	2	PYRB_ECOLI	Fu	311	citri	1R0B	20OY	2FZC		Sc=5.84748, min distance = 2.248713
YL28_SCHPO	F1	9994066	4	CDK2_HUMAN	Fu	6022	Aden	1GY3	2QRD	2VTJ		Sc=5.86976, min distance = 1.836002
YMDB_ECOLI	F1	23831	HEF	GSTP1_HUMAN	F1	78165	MES	2A2R	1SPV	1PGT	0.81	Sc=5.60401, min distance = 1.825739
YMX7_YEAST	F1	29435	1-D	XYLA_ARTS7	Fu	6912	xyli	1XLM	1NJR	1DIE		Sc=5.75061, min distance = 2.576783
YMX7_YEAST	F1	445074	2,	XYLA_ARTS7	Fu	6912	xyli	1XLM	1NJR	1DID		Sc=5.6657, min distance = 2.998164
YMX7_YEAST	F1	447916	ac	RIO1_ARCFU	Fu	6022	Aden	1ZTH	1TY8	1ZTF	0.95	Sc=6.28168, min distance = 2.151954
YMX7_YEAST	F1	447955	1g	CDK2_HUMAN	Fu	6022	Aden	1GY3	1TY8	1PXI		Sc=5.78467, min distance = 2.173026
YMX7_YEAST	F1	8977	1dar	PARM_ECOLX	Fu	6022	Aden	1MWM	1TY8	2ZGY	0.8	Sc=6.4895, min distance = 2.194966
YMY9_YEAST	F1	164795	N	RBCMT_PEA	Fu	23831	HEF	1MLV	2CIQ	2H2J		Sc=5.65264, min distance = 2.038279
YMY9_YEAST	F1	854023	Eq	Q8WSF8_APLCA	1	23831	HEF	2BR7	2CIQ	2BYQ		Sc=5.79897, min distance = 1.034799

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YPT1_YEAST	F1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZN	1CLU	38.41	0.99	Sc=6.58979, min distance = 1.953665
YPT1_YEAST	F1	444845	1c	RASH_HUMAN	Fu	8977	1dar	2CE2	2BCG	1CLU	38.41	0.97	Sc=6.24258, min distance = 2.183285
YPT1_YEAST	F1	446248	CI	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZN	1IAQ	38.41		Sc=6.5559, min distance = 2.2834152
YPT1_YEAST	F1	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	2BCG	1RRF			Sc=6.46729, min distance = 2.443167
YPT1_YEAST	F1	5496554	C	RASH_HUMAN	Fu	8977	1dar	2CE2	2BCG	1GNQ	38.41		Sc=6.27261, min distance = 2.143186
YPT1_YEAST	F1	6804	guar	EF1A_YEAST	Fu	8977	1dar	2B7B	2BCG	1G7C		0.99	Sc=6.41938, min distance = 2.726382
YPT1_YEAST	F1	93082	Gak	CDC42_HUMAN	F1	36735	Gpp	1NF3	1YZN	2ODB		0.99	Sc=6.58736, min distance = 2.317995
YPT1_YEAST	F1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1YZN	121P	38.41	0.99	Sc=6.58597, min distance = 2.289627
YPT31_YEAST	I	444148	1a	RHA1_ARATH	Fu	8977	1dar	2EFC	3CPJ	2EFE		0.99	Sc=6.461, min distance = 2.41175164
YPT31_YEAST	I	444845	1c	RASH_HUMAN	Fu	8977	1dar	2CE2	3CPJ	1CLU		0.97	Sc=6.21585, min distance = 1.997710
YPT31_YEAST	I	448405	CI	ARF1_RAT	Full	8977	1dar	1RRG	3CPJ	1RRF			Sc=6.44684, min distance = 2.508595
YPT31_YEAST	I	8582	Inos	PURA1_MOUSE	F1	8977	1dar	1LON	3CPJ	1IWE		0.99	Sc=6.37563, min distance = 2.035785
YPT31_YEAST	I	93082	Gak	FTSY_THEAQ	Fu	8977	1dar	2IYL	3CPJ	1RJ9		0.99	Sc=6.59187, min distance = 2.015806
YPT7_YEAST	F1	37792	gar	RAB6B_HUMAN	F1	8977	1dar	2E9S	1KY3	2FFQ		0.99	Sc=6.12948, min distance = 2.054744
YPT7_YEAST	F1	444845	1c	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1KY2	1CLU		0.99	Sc=6.2245, min distance = 2.0835325
YPT7_YEAST	F1	446248	CI	RASH_HUMAN	Fu	8977	1dar	2CE2	1KY3	1IAQ			Sc=6.00313, min distance = 2.174225
YPT7_YEAST	F1	8582	Inos	PURA1_MOUSE	F1	8977	1dar	1LON	1KY3	1IWE		0.99	Sc=6.00525, min distance = 2.566135
YPT7_YEAST	F1	93082	Gak	RAC3_HUMAN	Fu	36735	Gpp	2IC5	1KY2	2QME		0.99	Sc=6.23327, min distance = 2.509465
YPT7_YEAST	F1	93082	Gak	RASH_HUMAN	Fu	36735	Gpp	1CTQ	1KY2	121P		0.99	Sc=6.22637, min distance = 2.316975
YYBH_BACSU	F1	23831	HEE	DEF_LEPIN	Full	78165	MES	1VEV	2GXF	1VEY		0.81	Sc=5.62321, min distance = 1.288536
YYBH_BACSU	F1	8200	TETE	LMBL1_HUMAN	F1	78165	MES	1OZ2	2GXF	2RHI			Sc=5.6162, min distance = 1.7162675
ZADH2_HUMAN	I	440334	Ni	DAPB_ECOLI	Fu	5886	NADF	1DIH	2C0C	1DRW		0.91	Sc=5.93595, min distance = 2.164508
ZAP70_HUMAN	I	10224714		CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	3DDP		30.5	Sc=6.43831, min distance = 2.173532
ZAP70_HUMAN	I	11348631		CHK1_HUMAN	Fu	444345	1c	1NVR	1U59	2E9U		28.57	Sc=6.30758, min distance = 2.203766
ZAP70_HUMAN	I	11957417		CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2I40		30.5	Sc=6.28628, min distance = 2.655306
ZAP70_HUMAN	I	11992146		MAPK2_HUMAN	F1	444345	1c	2PZY	1U59	2P3G		26.87	Sc=6.28446, min distance = 2.499265
ZAP70_HUMAN	I	153999	Ru	PDPK1_HUMAN	F1	444345	1c	1OKY	1U59	1UU3		27.36	0.77 Sc=6.34717, min distance = 2.119730
ZAP70_HUMAN	I	1540	1h1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1H1Q		30.5	Sc=6.22757, min distance = 2.742255
ZAP70_HUMAN	I	15602982		KAPCA_BOVIN	F1	444345	1c	1STC	1U59	2UW6		27.44	Sc=6.0291, min distance = 2.5801934
ZAP70_HUMAN	I	15942652		CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2DUV		30.5	Sc=6.2904, min distance = 2.5304715
ZAP70_HUMAN	I	15991572		LCK_HUMAN	Full	444345	1c	1QPD	1U59	2OF4		40.66	Sc=6.14237, min distance = 2.660018
ZAP70_HUMAN	I	160355	rc	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	3DDQ		30.5	Sc=6.25521, min distance = 2.278935
ZAP70_HUMAN	I	16122608		PDPK1_HUMAN	F1	444345	1c	1OKY	1U59	2PE1		27.36	Sc=6.3243, min distance = 2.6725302
ZAP70_HUMAN	I	16122643		CHK1_HUMAN	Fu	444345	1c	1NVR	1U59	2YWP		28.57	Sc=6.27225, min distance = 2.180842
ZAP70_HUMAN	I	16214825		CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2UZE		30.5	Sc=6.2318, min distance = 2.4664340
ZAP70_HUMAN	I	16750062		CSK2A_MAIZE	F1	33113	gar	1LP4	2OZO	2OXD			Sc=5.63829, min distance = 2.489295
ZAP70_HUMAN	I	1907917	2	CHK1_HUMAN	Fu	444345	1c	1NVR	1U59	2CGW		28.57	Sc=6.09153, min distance = 2.670375

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ZAP70_HUMAN	1	23536770	LCK_HUMAN	Fu	444345	1c	1QPD	1U59	3BYM	40.66	Sc=6.43951, min distance = 2.073749	
ZAP70_HUMAN	1	23653515	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2R3F	30.5	Sc=6.00274, min distance = 2.606042	
ZAP70_HUMAN	1	23653516	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2R3G	30.5	Sc=6.09857, min distance = 2.422391	
ZAP70_HUMAN	1	23653518	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2R3J	30.5	Sc=6.18402, min distance = 2.602348	
ZAP70_HUMAN	1	23653521	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2R3M	30.5	Sc=6.39682, min distance = 2.405440	
ZAP70_HUMAN	1	23653526	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2R3R	30.5	Sc=6.19484, min distance = 2.563729	
ZAP70_HUMAN	1	23657800	CHK1_HUMAN	Fu	444345	1c	1NVR	1U59	2E9P	28.57	Sc=6.2553, min distance = 2.0297238	
ZAP70_HUMAN	1	23727982	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	3BHU	30.5	Sc=6.20737, min distance = 2.478529	
ZAP70_HUMAN	1	24752838	CHK1_HUMAN	Fu	444345	1c	1NVR	1U59	2QHM	28.57	Sc=6.036, min distance = 2.98999096	
ZAP70_HUMAN	1	24779674	CSK2A_MAIZE	Ft	33113	gar	1LP4	2OZO	2PVH		Sc=6.14757, min distance = 2.575927	
ZAP70_HUMAN	1	24779678	CSK2A_MAIZE	Ft	33113	gar	1LP4	2OZO	2PVM		Sc=6.41459, min distance = 2.316161	
ZAP70_HUMAN	1	24905143	PK3CG_HUMAN	Ft	444345	1c	1E8Z	1U59	2V4L		Sc=5.99096, min distance = 2.614698	
ZAP70_HUMAN	1	24905144	PK3CG_HUMAN	Ft	444345	1c	1E8Z	1U59	3ENE		Sc=6.17988, min distance = 2.443724	
ZAP70_HUMAN	1	24916751	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	3DOG	30.5	Sc=6.25408, min distance = 2.149017	
ZAP70_HUMAN	1	3064778	ROCK1_HUMAN	Ft	33113	gar	2V55	2OZO	2ETK	24.26	Sc=6.05533, min distance = 1.869429	
ZAP70_HUMAN	1	3543	1g5s	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1G5S	30.5	Sc=6.41333, min distance = 2.036219
ZAP70_HUMAN	1	4369136	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1DM2	30.5	Sc=6.20747, min distance = 3.013297	
ZAP70_HUMAN	1	444564	AD	MYS2_DICDI	Fu	33113	gar	1MMN	2OZO	1W9I	0.91	Sc=6.37212, min distance = 2.426669
ZAP70_HUMAN	1	445966	06	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1H0V	30.5	Sc=6.05663, min distance = 2.917111
ZAP70_HUMAN	1	446704	LS	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1KE6	30.5	Sc=6.26666, min distance = 1.983958
ZAP70_HUMAN	1	447649	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1OI9	30.5	Sc=6.22266, min distance = 2.298571
ZAP70_HUMAN	1	447655	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1OIU	30.5	Sc=6.15571, min distance = 2.714351
ZAP70_HUMAN	1	447656	1c	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1OIY	30.5	Sc=6.39903, min distance = 2.188839
ZAP70_HUMAN	1	447962	1p	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2C5N	30.5	Sc=6.10661, min distance = 2.332151
ZAP70_HUMAN	1	447967	CI	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1PYE	30.5	Sc=6.33765, min distance = 2.150089
ZAP70_HUMAN	1	448043	2g	KAPCA_BOVIN	Ft	444345	1c	1STC	1U59	1Q8U	27.44	Sc=5.95317, min distance = 2.670926
ZAP70_HUMAN	1	448043	2g	ROCK1_HUMAN	Ft	33113	gar	2V55	2OZO	3D9V	24.26	Sc=5.97353, min distance = 2.206857
ZAP70_HUMAN	1	4565	1h1r	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1H1R	30.5	Sc=6.22757, min distance = 2.780306
ZAP70_HUMAN	1	5288712	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1KE9	30.5	Sc=6.21065, min distance = 2.191998
ZAP70_HUMAN	1	5289411	1	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	1OGU	30.5	Sc=6.40595, min distance = 2.266131
ZAP70_HUMAN	1	5326976	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	2OZO	1ZOE		Sc=5.65991, min distance = 2.502672
ZAP70_HUMAN	1	5326978	1	CSK2A_MAIZE	Ft	33113	gar	1LP4	2OZO	1ZOH		Sc=5.62488, min distance = 2.529762
ZAP70_HUMAN	1	5327123	1	CHK1_HUMAN	Fu	444345	1c	1NVR	1U59	2C3L	28.57	Sc=6.15834, min distance = 2.391949
ZAP70_HUMAN	1	5327131	T	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2C69	30.5	Sc=6.17319, min distance = 2.569467
ZAP70_HUMAN	1	5327148	C	IPKA_RABIT	Fu	33113	gar	1CDK	2OZO	2ERZ		Sc=6.14238, min distance = 2.330411
ZAP70_HUMAN	1	5331010	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2BKZ	30.5	Sc=6.20408, min distance = 2.038839
ZAP70_HUMAN	1	5494414	C	CDK2_HUMAN	Fu	444345	1c	1AQ1	1U59	2A0C	30.5	Sc=6.40725, min distance = 2.741596

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ZAP70_HUMAN	1	5687	1di8	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1U59	1DI8	30.5		Sc=6.21614, min distance = 2.449756
ZAP70_HUMAN	1	6083	ader	PIM1_HUMAN	Fu: 444345	1c	1YHS	1U59	1YXU	23.9		Sc=6.30345, min distance = 2.395027
ZAP70_HUMAN	1	6420138	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1U59	2UUE	30.5		Sc=6.25365, min distance = 1.929420
ZAP70_HUMAN	1	6420139	0	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1U59	2C5V	30.5		Sc=6.0978, min distance = 1.2312396
ZAP70_HUMAN	1	6540273	2	CHK1_HUMAN	Fu: 444345	1c	1NVR	1U59	2CGV	28.57		Sc=6.17768, min distance = 2.427936
ZAP70_HUMAN	1	6852207	M	KAPCA_BOVIN	Fu: 444345	1c	1STC	1U59	2GNI	27.44		Sc=5.90944, min distance = 2.536565
ZAP70_HUMAN	1	72271	7-H	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1U59	1PKD	30.5	0.91	Sc=6.437, min distance = 2.76742350
ZAP70_HUMAN	1	91532	AME	KIF1A_MOUSE	Fu: 33113	gar	1VfV	2OZO	1I6I		0.99	Sc=5.71794, min distance = 2.046775
ZAP70_HUMAN	1	91532	AME	PURT_ECOLI	Fu: 33113	gar	1EYZ	2OZO	1KJI		0.99	Sc=6.45512, min distance = 1.950994
ZAP70_HUMAN	1	9549254	2	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1U59	2IW6	30.5		Sc=6.44896, min distance = 2.221570
ZAP70_HUMAN	1	9817550	V	CDK2_HUMAN	Fu: 444345	1c	1AQ1	1U59	3BHV	30.5		Sc=6.31947, min distance = 2.239739
ZFPP_MYCTU	Fu: 130956	Mi		GGPPS_YEAST	Fu: 448987	FF2E90		2VG1	2E92			Sc=6.22803, min distance = 2.129396
ZFPP_MYCTU	Fu: 68740	Zo1		GGPPS_YEAST	Fu: 448987	FF2E90		2VG1	2E91			Sc=5.9025, min distance = 1.9759395
ZP3_MOUSE	Fu: 447139	CI		MALE_ECOLI	Fu: 439341	ma	1JVY	3D4G	1MDQ		0.91	Sc=6.37307, min distance = 2.511716
ZRAR_SALTY	Fu: 444564	AD		MYS2_DICDI	Fu: 5957	Aden	1FMW	1OJL	1W9I		0.91	Sc=6.38455, min distance = 0
ZRAR_SALTY	Fu: 447004	CI		MYS2_DICDI	Fu: 5957	Aden	1FMW	1OJL	1LVK			Sc=6.01899, min distance = 0
ZRAR_SALTY	Fu: 6022	Ader		AROK_MYCTU	Fu: 5957	Aden	2IYW	1OJL	2IYV		0.99	Sc=5.89278, min distance = 2.155150
ZRAR_SALTY	Fu: 6022	Ader		ARSA1_ECOLX	Fu: 5957	Aden	1II0	1OJL	1IHU		0.99	Sc=5.94707, min distance = 1.931486
ZRAR_SALTY	Fu: 6022	Ader		CLCN5_HUMAN	Fu: 5957	Aden	2J9L	1OJL	2JA3		0.99	Sc=6.37677, min distance = 1.242007
ZRAR_SALTY	Fu: 6022	Ader		LT_SV40	Full=]	5957	Aden	1SVM	1SVL		0.99	Sc=6.34047, min distance = 2.091854
ZRAR_SALTY	Fu: 6022	Ader		MUTS_ECOLI	Fu: 5957	Aden	1W7A	1OJL	1OH7		0.99	Sc=5.90651, min distance = 2.267080
ZRAR_SALTY	Fu: 6022	Ader		Q72H90_THET2	1	5957	Aden	2BEK	2BEJ		0.99	Sc=5.87548, min distance = 2.129765
ZRAR_SALTY	Fu: 6083	ader		PURP_PYRFU	Fu: 5957	Aden	2R86	1OJL	2R85		0.98	Sc=5.84928, min distance = 2.100019
ZRAR_SALTY	Fu: 6083	ader		Y059_METJA	Fu: 5957	Aden	2J9C	1OJL	2J9D		0.98	Sc=5.8137, min distance = 2.3150395
ZRAR_SALTY	Fu: 91532	AME		NIFH1_AZOVI	Fu: 5957	Aden	2C8V	1OJL	2AFK		0.99	Sc=6.02098, min distance = 1.923815
ZRAR_SALTY	Fu: 91532	AME		Q5SJV7_THET8	1	5957	Aden	2Z08	2Z09		0.99	Sc=6.0218, min distance = 2.1765465

Table S2. Fraction of drugs known or predicted to bind to different protein families.

	% drugs (Overington et al., 2006)	Drugs from DrugBank	Drugs in 3D structures	Drugs in new significant predictions
Rhodopsin-like GPCRs	26.8%	157 (13.6%)	3 (1.7%)	2 (2.5%)
Nuclear receptors	13%	88 (7.6%)	14 (7.8%)	5 (6.3%)
Ligand-gated ion channels	7.9%	50 (4.3%)	0	1 (1.3%)
Voltage-gated ion channels	5.5%	97 (8.4%)	3 (1.7%)	2 (2.5%)
Penicillin-binding proteins	4.1%	6 (0.5%)	0	3 (3.8%)
Myeloperoxidase-like	3%	45 (4%)	4 (2.2%)	0
Sodium:neurotransmitter symporter	2.7%	53 (4.6%)	1 (0.6%)	0
Type II DNA topoisomerase	2.3%	27 (2.3%)	2 (1.1%)	1 (1.3%)
Fibronectin type III	2.1%	13 (1.1%)	2 (1.1%)	3 (3.8%)
Cytochrome P450	1.9%	35 (3.0%)	8 (4.5%)	0
Total		1152	179	80
Union of above classes	69.30%	495 (43%)	32 (17.9%)	467 (22.2%)

Table S3. Known and predicted targets for kinase inhibitors.

Name(s)	CID(s) *	Reference	Targets from literature	Targets from BioAssays	Structures	Predicted targets
H89	449241	Davies et al., 2000	PKA, KS6B1, KS6A5, ROCK2, AKT1, MAPK	n/a	IPKA, KAPCA	IP3KA, MKNK2, RK, ROCK1, ROCK2
Y27632	448042	Davies et al., 2000	ROCK1, ROCK2, PKN2, KS6A5, PHKG2	ROCK1	IPKA, KAPCA, IPKA, IPKA, ROCK2, ROCK1	AKT2, CDK7, EPHA2, GRK6, IRAK4, ITK, KHK, KSYK, KTHY, MAPK2, NRK1, OXSR1, PDK2, PDK3, PDK4, PDXK, PK3CG, ROCK2, TRPM7
Fasudil, HA1077	3547	Davies et al., 2000	PRK1, ROCK1, KS6A5, MAPK	ROCK1	IPKA, KAPCA, ROCK1	AKT2, CDK7, DAPK1, E2AK2, EGFR, EPHA2, EPHA3, GALK1, GALK2, GSK3B, HCK, IP3KA, IRAK4, ITK, KAPCA, KHK, KIME, KPCT, KTHY, MK12, MP2K1, MP2K2, OXSR1, PDK2, PDK4, PDXK, PIM1, PK3CG, RK, ROCK2, SRC, STK16,

* Only CIDs that are associated with structures are listed

						STK6, TAOK2, TRPM7
SB203580	9543416	Davies et al., 2000	MK14	MK14	MK14	
LY294002	3973	Davies et al., 2000	CSK21, PI3K	PIM1	PIM1, PI3K	CHK1, CSKP, E2AK2, EPHA2, EPHA3, GSK3B, IP3KA, KAPCA, KPCT, KPYM, KS6A1, LCK, M3K5, MAPK2, OXSR1, PK3CG, RET, SRC, STK6, TPK1
Quercitin	5280343	Davies et al., 2000	PI3K, AMPK, CSK21, KS6B1, MAPK	CLK1, CLK3, KC1G2, PIM1, STK16, PIM2, NEK2, KC1G1, M3K5, JNK3, GALK1	PIM1, PI3K	IP3KB
UCN1	72271	Davies et al., 2000	PKC, CHK1	PDPK1	CHK1, CDK2, PDPK2	CSK, DAPK1, FAK1, FES, FYN, IRAK4, ITK, KPCT, KSYK, M3K5, MAPK2, MKNK2, PIM1, STK16, TAOK2, ZAP70
Ruboxistauroporin, LY333531	153999	Bridges, 2001	PKC	CLK1, PIM1, SLK, PKC, PDPK1	PDPK1, PIM1	CSK, DAPK1, KS6A1, ZAP70
Staurosporin	44259, 444345	Bridges, 2001	PKC	EGFR, MEK, FYN, TAOK2, ZAP70, PIM1,	CDK2, CHK1, CSK, DAPK1, FES, FYN,	ABL1, CSK21, EGFR, EPHA3, FAK1, KIT,

				PKC, KSYK, CHK1, GSK3B	GSK3B, IPKA, IRAK4, ITK, KAPCA, PKC, KS6A1, KSYK, LCK, M3K5, MAPK2, MKNK2, PDPK1, PIM1, PK3CG, STK16, STK24, TAOK2, ZAP70	PDXK, RK, SRC, SRPK1, STK6
Imatinib, gleevec	5291	Bridges, 2001	BRC-ABL	DDR1, ABL2, ABL1, KSYK	KSYK, ABL1, KIT, SRC, LCK	none
Genistein	5280961	Bridges, 2001	EGFR	CLK1, PIM2, IPK3C, ESR1	ERS1, ESR2	none
Gefitinib, iressa	123631	Bridges, 2001	EGFR	EGFR, PIM1, SLK	EGFR	none
Olomoucine	4592	Bridges, 2001	CDK	n/a	MK01	none
Flavopiridol	5287969	Bridges, 2001	CDK	n/a	CDK9	RK
Nilotinib	644241	Rix et al., 2007	BRC-ABL, ABL1, DDR1, ABL2	n/a	ABL1	KIT, LCK
Erlotinib	176870	McDermott and Settleman, 2009	EGFR	EGFR, GAK, SLK	EGFR	E2AK2, HCK, SRC
Lapatinib	208908	McDermott and Settleman, 2009	ERBB2	EGFR, ERBB2	EGFR	none
Saracatinib	10302451	McDermott and Settleman, 2009	SRC	SRC	SRC	none
Roscovitine	160355, 4369502	Bain et al., 2003	CDK2, DYR1A, KC1D	CDK2	CDK5, PDXK, CDK2	CHK1, CHK2, CSK, DAPK1, FES, FYN, GSK3B, IRAK4,

						ITK, KIT, KPCT, KS6A1, MAPK2, PDPK1, PIM1, STK16, ZAP70
Purvalanol A	456214	Bain et al., 2003	CDK2, DYR1A, KS6A1	n/a	SRC, KC1G3, KS6A1	CHK1, CSK, EPHA3, FES, FYN, HCK, IRAK4, KPCT, KSYK, LCK, PDXK, PIM1, SLK, STK24
indirubin-3'-monoxime	5326739	Bain et al., 2003	CDK2, GSK3B, AMPK, LCK, SGK1	CLK1, CLK3, PAK7, PAK6, JNK3, SLK	GSK3B, CDK5	ABL1, CDK2, CSK21, DCK, EGFR, FAK1, GRK6, HXK1, IP3KA, IRAK4, KIT, MAPK2, OXSR1, PDXK, RK, SGK1, SRC, SRPK1
PP2	448171	Bain et al., 2003	LCK, CSK, MK14, KC1D	n/a	LCK	CSK, FYN, KIT
Vandetanib, zactima	3081361	http://en.wikipedia.org/wiki/Zactima	RET	EGFR, RIPK2, RET	RET	none
PD173955	447077	Noble et al., 2004	BCR-ABL	SRC	ABL1	KIT
BIRB796, doramapimod	156422	Noble et al., 2004	MK14	TIE1, DDR1, JNK2, MK14	MK14	none
H-1152P	448043	Noble et al., 2004	ROCK	n/a	IPKA, KAPCA, ROCK1	AKT2, CDK2, CSK, DAPK1, EPHA2, EPHA3, FES, FYN, IRAK4, ITK,

						ITPK1, KAPCA, KPCT, KS6A1, KSYK, KTHY, M3K5, MP2K1, MP2K2, NRK1, PDK4, PDPK1, PDXK, PIM1, ROCK2, SRC, STK16, STK24, TAOK2, TRPM7, ZAP70
VX-680, tozasertib	5494449	Krishnamurty and Maly, 2010	ABL, STK6	FLT3, ABL2, PLK4, STK6, AURKB, AURKC, ABL1, MK14	ABL1, STK6	none
AEE788	10297043	Krishnamurty and Maly, 2010	EGFR	n/a	EGFR	none

References

[Bain J, McLauchlan H, Elliott M, Cohen P.](#) (2003) The specificities of protein kinase inhibitors: an update. [Biochem J.](#) 371: 199-204.

[Bridges AJ.](#) (2001) Chemical Inhibitors of Protein Kinases. [Chem Rev.](#) 101(8): 2541-2572.

[Davies SP, Reddy H, Caivano M, Cohen P.](#) (2000) Specificity and mechanism of action of some commonly used protein kinase inhibitors. [Biochem J.](#) 351: 95-105.

[Krishnamurty R, Maly DJ.](#) (2010) Biochemical mechanisms of resistance to small-molecule protein kinase inhibitors. [ACS Chem Biol.](#) 5(1): 121-138.

[McDermott U, Settleman J.](#) (2009) Personalized cancer therapy with selective kinase inhibitors: an emerging paradigm in medical oncology. [J Clin Oncol.](#) 27(33): 5650-5659.

[Noble ME](#), [Endicott JA](#), [Johnson LN](#). (2004) Protein kinase inhibitors: insights into drug design from structure. [Science](#). 303(5665): 1800-1805.

[Rix U](#), [Hantschel O](#), [Dürnberger G](#), [Remsing Rix LL](#), [Planyavsky M](#), [Fernbach NV](#), [Kaupe I](#), [Bennett KL](#), [Valent P](#), [Colinge J](#), [Köcher T](#), [Superti-Furga G](#). (2007) Chemical proteomic profiles of the BCR-ABL inhibitors imatinib, nilotinib, and dasatinib reveal novel kinase and nonkinase targets. [Blood](#). 110(12): 4055-4063.