

**Supplementary Table 5:** List of top-ranking SNPs and haplotypes with evidence for recent positive selection using EHH-based methods. The methods used are the traditional LRH method (Sabeti et al. 2002) for testing single SNPs, LRH method for testing haplotypes, and the IHS method (Voigt et al. 2006) for single SNPs. The population and specific method is presented along with the significance score (the number of standard deviations the score is away from the expected mean of the distribution.) The build 34 position, SNP IDs and genes in the tested core region are also given. SNPs are listed more than once if a signal of selection was detected by more than one method.

Population	Method	Start Base	End Base	Significance Score	SNPs in the core region	Coding, Non-Synonymous SNPs	Genes In Region
CHB and JPT	IHS 1SNP	26308656	26308656	3.11	rs806794		HIST1H1E, HIST1H2BD, HIST1H2BD, HIST1H2BE, HIST1H4D, HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F
CHB and JPT	IHS 1SNP	26325707	26325707	2.17	rs1997768		HIST1H2BD, HIST1H2BE, HIST1H4D, HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH
CHB and JPT	IHS 1SNP	26327723	26327723	2.50	rs11757754		HIST1H2BD, HIST1H2BE, HIST1H4D, HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH
CHB and JPT	IHS 1SNP	26334011	26334011	3.15	rs811041		HIST1H2BE, HIST1H4D, HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH, HIST1H3G, HIST1H2BI
YRI	REHH 1 SNP	26334011	26334011	3.30	rs811041		HIST1H2BE, HIST1H4D, HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH, HIST1H3G, HIST1H2BI
CHB and JPT	IHS 1SNP	26341366	26341366	3.32	rs10946808		HIST1H2BE, HIST1H4D, HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH, HIST1H3G, HIST1H2BI
CHB and JPT	IHS 1SNP	26348603	26348603	2.49	rs3734533		HIST1H3D, HIST1H2AD, HIST1H2BF, HIST1H4E, HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH, HIST1H3G, HIST1H2BI, HIST1H4H
CHB and JPT	IHS 1SNP	26367727	26367727	2.63	rs806786		HIST1H2BG, HIST1H2AE, HIST1H3E, HIST1H1D, HIST1H4F, HIST1H4G, HIST1H3F, HIST1H2BH, HIST1H3G, HIST1H2BI, HIST1H4H
CHB and JPT	REHH 1 SNP	26518779	26518779	3.13	rs1796520		BTN3A2, BTN2A2, BTN3A1, BTN2A3, BTN3A3, BTN2A1,
CHB and JPT	REHH 1 SNP	26523616	26523616	3.13	rs742090		BTN3A2, BTN2A2, BTN3A1, BTN2A3, BTN3A3, BTN2A1,
CHB and JPT	REHH 1 SNP	26529371	26529371	3.13	rs1796521		BTN3A2, BTN2A2, BTN3A1, BTN2A3, BTN3A3, BTN2A1,
YRI	REHH 1 SNP	27066763	27066763	3.01	rs12663161		GUSBL1
YRI	REHH Haplotype	27074642	27096396	3.51	rs12201466,rs11758237,rs9467957,rs7765489,rs7770815,rs12204753,rs7748354,rs7752299,rs7752337,rs6920115		GUSBL1
YRI	REHH 1 SNP	27082258	27082258	3.01	rs7765489		GUSBL1
YRI	REHH 1 SNP	27096971	27096971	3.01	rs7741445		
YRI	REHH 1 SNP	27188184	27188184	3.07	rs6921388		HIST1H2BJ, HIST1H2AG, HIST1H2BK, HIST1H4I, HIST1H2AH
YRI	REHH 1 SNP	27229304	27229304	3.16	rs9379960		HIST1H2BJ, HIST1H2AG, HIST1H2BK, HIST1H4I, HIST1H2AH
YRI	IHS 1SNP	27503743	27503743	2.111	rs6926142		LOC441136, ZNF184
YRI	IHS 1SNP	27529283	27529283	2.476	rs7744110		ZNF184
YRI	IHS 1SNP	27532353	27532353	2.678	rs764460		ZNF184
YRI	IHS 1SNP	27533164	27533164	2.678	rs1883216	rs1883216	ZNF184
YRI	IHS 1SNP	27538720	27538720	2.678	rs6929278		ZNF184
YRI	IHS 1SNP	27543686	27543686	2.678	rs2272814		ZNF184
YRI	IHS 1SNP	27547983	27547983	2.678	rs7750795		ZNF184
CHB and JPT	REHH 1 SNP	27659295	27659295	3.15	rs6916878		
CHB and JPT	REHH 1 SNP	27691940	27691940	3.22	rs2294480		

CHB and JPT	REHH 1 SNP	27927332	27927332	3.18	rs200988		HIST1H2BL, HIST1H2AI, HIST1H3H, HIST1H2AJ, HIST1H2BM, HIST1H4J, HIST1H4K, HIST1H2AK, HIST1H2BN, HIST1H2AL, HIST1H1B, HIST1H3I, HIST1H4L, HIST1H3J, HIST1H2AM, HIST1H2BO
CHB and JPT	REHH 1 SNP	27943909	27943909	3.18	rs200951		HIST1H4J, HIST1H4K, HIST1H2AK, HIST1H2BN, HIST1H2AL, HIST1H1B, HIST1H3I, HIST1H4L, HIST1H3J, HIST1H2AM, HIST1H2BO, OR2B2
CHB and JPT	REHH 1 SNP	28607858	28607858	3.14	rs2273106		GPX6, GPX5, ZNF452
YRI	IHS 1SNP	28632991	28632991	3.034	rs404343		GPX6, GPX5, ZNF452
YRI	IHS 1SNP	28634135	28634135	3.034	rs434636		GPX6, GPX5, ZNF452
YRI	IHS 1SNP	28636949	28636949	3.217	rs429875		GPX6, GPX5, ZNF452
YRI	IHS 1SNP	28643219	28643219	3.205	rs424426		GPX5, GPX5, ZNF452
YRI	IHS 1SNP	28647287	28647287	2.712	rs449074		GPX5, GPX5, ZNF452
YRI	IHS 1SNP	28655133	28655133	3.236	rs409029	rs409029	GPX5, GPX5, ZNF452
YRI	IHS 1SNP	28666238	28666238	3.528	rs381493		ZNF452
YRI	IHS 1SNP	28805065	28805065	2.498	rs2893973		
YRI	IHS 1SNP	28820641	28820641	2.65	rs1233579		
YRI	IHS 1SNP	28841393	28841393	2.362	rs1233602		
YRI	IHS 1SNP	28859725	28859725	2.55	rs1233627		
YRI	IHS 1SNP	28876254	28876254	3.391	rs7766699		
YRI	IHS 1SNP	28876685	28876685	3.391	rs7767099		
YRI	IHS 1SNP	28877658	28877658	2.441	rs2765220		
YRI	IHS 1SNP	28904064	28904064	4.066	rs3131337		
CEU	IHS 1SNP	28909376	28909376	2.632	rs1002925		
CEU	IHS 1SNP	28914328	28914328	2.548	rs209173		
YRI	IHS 1SNP	28932391	28932391	3.595	rs3135300		RFP, RFP
CEU	IHS 1SNP	28941095	28941095	2.39	rs3118370		RFP, RFP
YRI	IHS 1SNP	28941095	28941095	3.595	rs3118370		RFP, RFP
CEU	IHS 1SNP	28945431	28945431	2.706	rs3131093		RFP, RFP
YRI	IHS 1SNP	28945431	28945431	4.042	rs3131093		RFP, RFP
CEU	IHS 1SNP	28962263	28962263	2.659	rs2032500		RFP, RFP
YRI	IHS 1SNP	28962263	28962263	2.588	rs2032500		RFP, RFP
CEU	IHS 1SNP	28980436	28980436	2.658	rs209126		RFP, RFP
YRI	IHS 1SNP	28980436	28980436	2.267	rs209126		RFP, RFP
YRI	IHS 1SNP	28995698	28995698	3.442	rs9468444		RFP, RFP
YRI	REHH Haplotype	29377077	29378508	3.15	rs7754926,rs3117424,rs4594993		OR5U1
CEU	IHS 1SNP	30203380	30203380	2.694	rs1419671		TRIM31, TRIM40, TRIM10, TRIM15,
CEU	IHS 1SNP	30212706	30212706	3.304	rs2857440		TRIM31, TRIM40, TRIM10, TRIM15, TRIM26
CEU	IHS 1SNP	30221167	30221167	2.677	rs757262	rs757262	TRIM31, TRIM40, TRIM10, TRIM15, TRIM26
CEU	IHS 1SNP	30221754	30221754	2.717	rs757259	rs757259	TRIM31, TRIM40, TRIM10, TRIM15, TRIM26
CEU	IHS 1SNP	30235159	30235159	4.09	rs2157678		TRIM31, TRIM40, TRIM10, TRIM15, TRIM26
CEU	IHS 1SNP	30245901	30245901	3.098	rs929156	rs929156	TRIM40, TRIM10, TRIM15, TRIM26
CEU	IHS 1SNP	30268985	30268985	2.76	rs4711211		TRIM40, TRIM10, TRIM15, TRIM26
CEU	REHH Haplotype	30778589	30794581	3.59	rs3132589,rs10947087,rs2269702,rs6929626,rs2844707,rs2075015,rs9262152,rs2517560,rs6925437,rs3132584	rs3132589,rs2844707,rs2075015,rs9262152,rs2517560	DHX16, NRM, MDC1, TUBB, FLOT1, IER3,
CEU	REHH Haplotype	30785488	30803601	3.86	rs6929626,rs2844707,rs2075015,rs9262152,rs2517560,rs6925437,rs3132584,rs25527,rs12182166,rs3094127	rs2844707,rs2075015,rs9262152,rs2517560	DHX16, NRM, MDC1, TUBB, FLOT1, IER3,
CEU	REHH Haplotype	30797092	30817519	3.79	rs25527,rs12182166,rs3094127,rs9380182,rs3130660,rs8512		NRM, MDC1, TUBB, FLOT1, IER3,

CEU	REHH Haplotype	30809779	30817519	3.90	rs9380182,rs3130660,rs8512		NRM, MDC1, TUBB, FLOT1, IER3,
CEU	REHH 1 SNP	30812523	30812523	3.21	rs3130660		NRM, MDC1, TUBB, FLOT1, IER3,
CEU	REHH Haplotype	30870046	30871745	3.15	rs3131064,rs3130641,rs12660883,rs1264376		
CEU	REHH Haplotype	30871745	30896978	3.29	rs1264376,rs4711235,rs47113376,rs9380194,rs9380197,rs886424,rs2894046,rs2394412,rs47113380,rs6901761	rs886424,rs2894046,rs2394412	
CEU	REHH 1 SNP	30888179	30888179	3.11	rs886424	rs886424	
CEU	REHH Haplotype	30969783	30973919	3.13	rs1264318,rs886422,rs1049623,rs2239517,rs2524239,rs2239518,rs2524236,rs2301755,rs1049633,rs8408		DDR1, GTF2H4, VARSL, SFTPG
CHB and JPT	REHH Haplotype	30993583	31026368	3.07	rs7738138,rs2074506,rs753725,rs4678,rs3873334,rs2844650,rs6933400,rs9368647,rs7341251,rs3132580	rs2074506,rs4678,rs3132580	DDR1, GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CHB and JPT	REHH 1 SNP	31021699	31021699	3.59	rs9368647		DDR1, GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CEU	REHH Haplotype	31026368	31028814	3.34	rs3132580,rs2240804,rs2532921	rs3132580,rs2240804	GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CEU	REHH Haplotype	31026368	31028814	3.24	rs3132580,rs2240804,rs2532921	rs3132580,rs2240804	GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CHB and JPT	REHH Haplotype	31032229	31040695	3.14	rs11753326,rs2429557,rs12111193,rs4711250,rs11969139,rs2844697,rs3095150,rs2530715,rs3095089,rs3869092		GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CHB and JPT	REHH 1 SNP	31036514	31036514	3.61	rs4711250		GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CHB and JPT	REHH 1 SNP	31036514	31036514	3.61	rs4711250		GTF2H4, VARSL, SFTPG, DPCR1, C6orf205
CEU	REHH 1 SNP	31077212	31077212	3.33	rs11964080		DPCR1, C6orf205
YRI	REHH 1 SNP	31313056	31313056	3.24	rs3134768		HCG27, HLA-C
YRI	REHH 1 SNP	31340517	31340517	3.45	rs2524100		HLA-C
YRI	REHH Haplotype	31425890	31425899	3.61	NCI_HLAB_5201		HLA-B, MICA
CEU	REHH Haplotype	31449045	31459883	3.18	rs4959069,rs2844535,rs2523480		HLA-B, MICA
CHB and JPT	REHH 1 SNP	31482535	31482535	3.28	rs9380254		MICA
CEU	REHH 1 SNP	31491573	31491573	3.40	rs2596530		MICA, HCP5
CHB and JPT	REHH 1 SNP	31509806	31509806	3.20	rs2596466		MICA, HCP5
CEU	REHH Haplotype	31606075	31617118	3.11	rs1055388,rs2516393,rs2239528,rs2071593		MICB, MCCR1, BAT1, ATP6V1G2, ATP6V1G2, NFKBIL1, LTA, TNF, LTB, LST1, NCR3
CEU	REHH 1 SNP	32213325	32213325	3.47	rs408359		CREBL1, FKBPL, PRRT1, PPT2, EGFL8, AGPAT1, AGPAT1, RNF5, AGER, PBX2, GPSM3, NOTCH4
CEU	REHH Haplotype	32621701	32657047	3.42	rs10485327,rs3135005,rs9271366,rs2187668		HLA-DQB1
CEU	REHH 1 SNP	32865735	32865735	3.49	rs4148880		HLA-DOB, TAP2, PSMB8, TAP1, PSMB9,
CEU	REHH 1 SNP	32901654	32901654	3.42	rs10046257		TAP2, TAP2, PSMB8, TAP1, PSMB9, PSMB9, HLA-DMB
YRI	REHH 1 SNP	33017337	33017337	3.08	rs9276974		HLA-DMA, BRD2, HLA-DOA
YRI	REHH Haplotype	33035582	33051274	3.29	rs9296068,rs12055709,rs443623,rs763469		BRD2, HLA-DOA, HLA-DPA1, HLA-DPB1
CEU	REHH 1 SNP	33037368	33037368	3.43	rs6930052		BRD2, HLA-DOA, HLA-DPA1
YRI	REHH Haplotype	33075604	33087921	4.14	rs588997,rs3077,rs2308935,rs2301220,rs9277341,rs4501465,rs1431399		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33086512	33086512	3.23	rs9277341		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33086512	33086512	3.14	rs9277341		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33087194	33087194	3.95	rs4501465		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33100829	33100829	3.41	rs9277489		HLA-DPA1, HLA-DPB1

YRI	REHH 1 SNP	33100829	33100829	3.19	rs9277489		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33101748	33101748	3.41	rs9277535		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33101748	33101748	3.19	rs9277535		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33106883	33106883	3.35	rs3128917		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33106883	33106883	4.001	rs3128917		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33106951	33106951	3.35	rs3117223		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33106951	33106951	3.179	rs3117223		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33107779	33107779	3.10	rs2295118		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33107779	33107779	3.448	rs2295118		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33107836	33107836	3.44	rs3117222		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33107836	33107836	3.912	rs3117222		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33108577	33108577	3.44	rs3130190		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33108577	33108577	2.608	rs3130190		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33119153	33119153	3.44	rs2064478		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33119153	33119153	2.586	rs2064478		HLA-DPA1, HLA-DPB1
YRI	REHH 1 SNP	33121795	33121795	3.12	rs3117231		HLA-DPA1, HLA-DPB1
YRI	IHS 1SNP	33133136	33133136	2.179	rs3117035		HLA-DPA1, HLA-DPB1, COL11A2
CEU	REHH Haplotype	33231891	33239754	3.26	rs6938096,rs213212,rs1606015		COL11A2, COL11A2, RXRB, SLC39A7, HSD17B8, RING1, VPS52, RPS18
YRI	REHH 1 SNP	33249523	33249523	3.58	rs213220		COL11A2, RXRB, SLC39A7, HSD17B8, RING1, VPS52, RPS18, B3GALT4, WDR46
YRI	REHH 1 SNP	33393078	33393078	3.65	rs2747479		KIFC1, PHF1, PHF1, C6orf82, SYNGAP1
YRI	REHH 1 SNP	33393078	33393078	3.17	rs2747479		KIFC1, PHF1, PHF1, C6orf82, SYNGAP1
YRI	REHH Haplotype	33429133	33457442	3.17	rs442745,rs3116713,rs211456,rs1705002,rs413722,rs9394145,rs453590,rs6910748,rs411136,rs9380353	rs3116713	KIFC1, PHF1, PHF1, C6orf82, SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33436273	33436273	3.63	rs211456		KIFC1, PHF1, PHF1, C6orf82, SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33463712	33463712	3.81	rs1755044		KIFC1, PHF1, PHF1, C6orf82, SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33468471	33468471	3.37	rs2247385		KIFC1, PHF1, PHF1, C6orf82, SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33474241	33474241	5.01	rs2772372		KIFC1, PHF1, PHF1, C6orf82, SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33479049	33479049	3.37	rs1755048		PHF1, PHF1, C6orf82, SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33492845	33492845	3.06	rs3130025		SYNGAP1, ZBTB9
YRI	REHH 1 SNP	33533587	33533587	4.09	rs6457730		
YRI	REHH 1 SNP	33537912	33537912	4.25	rs6924409		BAK1
YRI	REHH 1 SNP	33539926	33539926	4.09	rs10452588		BAK1
YRI	REHH Haplotype	33549742	33549912	4.07	rs9469473,rs6925399,rs9469474		BAK1
YRI	REHH Haplotype	33549742	33549912	3.62	rs9469473,rs6925399,rs9469474		BAK1
YRI	REHH 1 SNP	33549873	33549873	3.41	rs6925399		BAK1
YRI	REHH 1 SNP	33623432	33623432	3.10	rs169737		BAK1, FLJ43752, ITPR3
YRI	REHH 1 SNP	33677872	33677872	3.00	rs1536041		ITPR3, C6orf125
YRI	REHH Haplotype	33693913	33697598	3.11	rs10947428,rs11967839,rs2296329		ITPR3, C6orf125, IHPK3
CHB and JPT	REHH Haplotype	33694999	33706327	3.20	rs11967839,rs2296329,rs2281917,rs3818522		ITPR3, C6orf125, IHPK3
YRI	REHH 1 SNP	33694999	33694999	3.01	rs11967839		ITPR3, C6orf125, IHPK3
YRI	REHH 1 SNP	33761636	33761636	3.11	rs530614		C6orf125, IHPK3, LEMD2, MLN
YRI	REHH 1 SNP	33761636	33761636	3.11	rs530614		C6orf125, IHPK3, LEMD2, MLN