

Order (n)	1	A	2	B	3	4	5	6	C	D	7	E	F
2	(18,20)		(35,41)	(31,44)	(50,55)	(52,53)	(10,107)	(92,93)	(99,105)	(102,108)	(101,122)	(116,123)	(111,113)
3	(18,20,49)	A3 (21,23,83)	(26,35,41)	(29,31,44) B3		(52,54)	(10,37,107)	(79,92,93)	C3 (97,99,105)	(102,108,115) D3	(101,110,122) E3	(116,119,123)	F4
4	(16,18,20,49)	(21,23,24,83)	(26,35,36,41)	(29,31,44,53)	(50,55,56,58)	(52,54,60,72)	(10,37,77,107)	(79,92,93,120)	(71,97,99,105)	(102,108,113,115)	(101,109,110,122)	(115,116,119,123)	(111,113,115,124)
5	(12,16,18,20,49)	(21,23,24,27,83)	(26,35,36,41,51)	(29,31,44,46,53)	(50,55,56,58,59)	(52,54,60,63,72)	(10,37,77,78,107)	(79,92,93,119,120)	(71,97,99,105,112)	(102,106,108,113,115)	(101,109,110,118,122)	(115,116,119,121,123)	(111,113,124-126)
6	(12,16,18,20,25,49)	(21,23,24,27,33,83)	(26,34-36,41,51)	Straddles key site 30	Straddles key site 55	(48,52,54,60,63,72)	(10,37,77,78,81,107)	(79,80,92,93,119,120)	(71,95,97,99,105,112)	(102,104,106,108,113,115)	(101,109,110,117,118,122)	channel axis	(111,113,115,124-126)
7	(12,16,18,20,25,28,49)	retinol /TTR interface	(26,34-36,41,51,69)				(10,37,73,77,78,81,107)	(76,79,80,92,93,119,120)	tetramer interface	channel axis	(98,101,109,110,117,118,122)		dimer interface
8	(12,16,18,20,25,28,30,49)							(76,79,80,92,93,119,120,125)			(98,100,101,109,110,117,118,122)		
9	(12,16,18,20,25,28,30,32,49)		(26,34-36,41,45,47,51,69)			(48,52,54,60,63,66,67,72,74)	(10,37,73,75,77,78,78,81,82,107)	(76,79,80,91-93,119,120,125)					
10					(44,50,55,56,58,59,88,92,97,112)	(48,52,54,60,63,64,66,67,72,74)	(10,37,73,75,77,78,81,82,106,107)	(70,76,79,80,91-93,119,120,125)					
11	(12,13,15,16,18,20,25,28,30,32,49)		(26,34-36,41-43,45,47,51,69)				(10,37,73,75,77,78,81,82,106,107,124)				(98,100,101,109,110,116-118,121-123)		
12	(12,13,15,16,18-20,28,30,32,49)		(26,33-36,41-43,45,47,51,69)						Subdomain module: 70-126		(90,98,100,101,109,110,116-118,121-123)		
13	(12-16,18,20,25,28,30,32,49)					(48,52,54,60,61,63-67,72,74,79)	(10,11,37,73,75,77,78,81-83,106,107,124)	(70,76,79,80,91-94,96,119,120,125,126)					
14	(12-16,18,20,22,25,28,30,32,49)				(44,50,52,55,56,58-60,64,74,,88,92,97,112)	(48,52,54,60,61,63-68,72,74,79)	(10,11,37,57,73,75,77,78,81-83,106,107,124)	(68,70,76,79,80,91-94,96,119,120,125,126)			(84,85,90,98,100,101,109,110,116-118,121-123)		
15	(12-20,22,25,30,32,49)		(26,29,31,33-36,41-43,45-47,51,69)				(10,11,37,57,73,75,77,78,81-83,95,106,107,124)	(68,70,76,79,80,91-94,96,102,119,120,125,126)					
16			(26,29,31,33-36,41-43,45-47,51,62,69)								(84,85,90,98,100,101,108-110,115-118,121-123)		
17								(68,70,76,79,80,91-94,96,102,111,113,119,120,125,126)					
18													
19	(12-25,27,28,32,49)		(26,29,31,33-36,38-43,45-47,51,62,69)					(68,70,71,76,79,80,91-94,96,97,102,111,113,119,120,125,126)					
20	(12-25,27,28,32,49,53)		(26,29,31,33-36,38-43,45-47,51,62,69,71)								(84-90,93,100,101,108-110,115-118,121-123)		
26								(10,11,37,57,70,73,75,77,78,80-83,91,93,95,96,102,106,107,111,113,120,124-126)					
29			(26,29,31,33-36,38-43,45-48,50,51,55,59-62,66,69,71,86,87)										
30	(12-25,27,28,30,32,44,49,52-54,,84,104,108,117-119)												
32								(68,76,84-90,92,94,97-101,103-105,108-110,112,114-119,121-123)					
58								(10,11,37,56-58,63-65,67,70,72-83,85,88-103,105-107,109-116,120-126)					

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