

1	Nessopsins	88	RCYMYSLCKNPYYFNR	312
2	LWS-Facetopsins	807	DCYDRYEICKNPYYYHPK	311
3	UV-Facetopsins	132	DCYDRYEICKRPELYFHPR	310
4	SWS-Facetopsins	372	DCYDRYEICKDPWYYYHPR	313
5	Onychopsins	7	DCYPRYEICKNPYYFHPR	306
6	Scallopsins	118	DCYDRYEICKNPYYFHPK	305
7	Parvopsins	13	DCYDRYEICKNPYYFHFK	304
8	Melanopsins X	333	DCYDRYEICKNPYYFHPK	303
9	Melanopsins M	137	DCYDRYEICKNPYYFHPK	302
10	Melanopsins L	4	DCYDRYEICKNPVYFHPK	303
11	Lancopsins	18	RCYRERYSKNPYYFLPR	304
12	Dumopsins	28	DCYDRYEICKNPYYFHPK	305
13	Arthropopsins	78	DCYERYEICKRPELYFHPR	306
14	Pteropsins	215	DCYERSEICKNPYYFNTQ	313
15	Annopsins	27	DCYERYEICKNPYYFNKQ	310
16	SWS1-Okopsins	151	GCEERYECCKNPYYFNKQ	311
17	RHO1-Okopsins	273	RCEERYECCKNPYYFNKQ	312
18	RHO2-Okopsins	126	GCEERYECCKNPYYFNKQ	311
19	SWS2-Okopsins	158	NCEERYECCKNPYYFNKQ	310
20	LWS-Okopsins	132	DCEERWHTCKNPYYFNRR	313
21	Pinopsins	61	RCEERYEICKNPYYFNKQ	312
22	Va-Opsins	125	DCEERYSTCKNPYYFNKQ	311
23	Cionopsins	2	DCEERYEICKNPYYFNRR	310
24	Parapinopsins	111	DCEERYMETCKNPYYFNRR	313
25	Parietopsins	57	DCQERYEICKNPYYFNKQ	312
26	Livopsins	13	DCYRREICKNPYYFNRR	311
27	TMT1-Opsins	168	DCYERYEICKNPYYFNKQ	310
28	TMT2-Opsins	118	DCYPRYEICKNPYYFNKQ	313
29	TMT3-Opsins	102	DCYERYEICKNPYYFNRR	312
30	TMTL-Opsins	17	DCYERYEICKNPYYFNRR	311
31	Encephalopsin	126	DCDERYEICKNPYYFSRK	310
32	Stranopsins A	43	RCYPRYEICKNPYYFNKQ	313
33	Stranopsins B	22	SCYPRYEICKNPYYFNRR	312
34	Cnidopsins	136	RCYRREICKNPYYFNRR	311
35	Stranopsins C	6	RCYPRYEICKNPYYFHPR	310
36	Tremopsins (Opn6)	158	DCDTRYRCKNPYYFSSK	306
37	Qoshopsins (Opn7/Opn8)	200	DCYVCSEICKNPYYFKPN	305
38	Kiropsins	30	DCYRREICKNPYYFNRR	304
39	Fibopsins (Opn8/Opn9)	176	DCYYRYELCKNPYYFNRR	303
40	Euthropsins (Opn5/Opn6)	105	DCYDRYEICKNPYYFDSK	302
41	Fiskopsins (Opn9/Opn10)	155	DCYDRCEICKNPYYFNRR	303
42	Go-opsins	55	DCYYRYEICKNPYYFNRR	304
43	Nemopsins	55	RCQDRYEICKNPYYFNRR	305
44	RGR-opsins	174	DCHRYEICKNAYFYNER	306
45	Gluopsins	41	SCFERYDICEPYFYFDER	313
46	Retinochromes	34	NCYERYEICKYPPYFERNR	310
47	Astropsins	6	RCYDRYEICKNPYYFIRK	311
48	Peropsins	120	DCYDRYDACKNPYYFNKK	312
49	Varropsins	28	DCYPRYEICKNPYYFNRR	311
50	Outgroup	1155	DCYPRYEICKNPYYFNRR	312