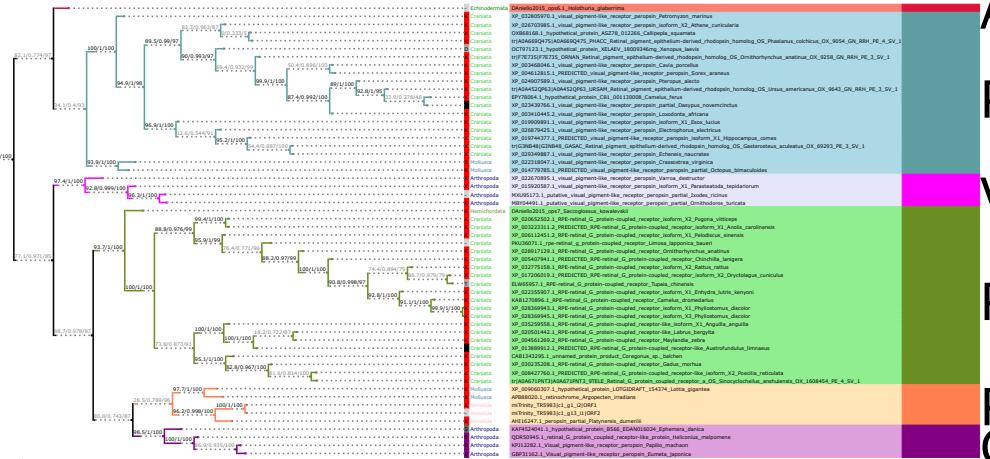
Echinodermata DAnsdlo2015_opsb.1_Holothuria_glaberrima
Craniata XP_022805970.1_visual_pigment-like_receptor_peropsin_Petromyzon_marinus
Craniata XP_026703985.1_visual_pigment-like_receptor_peropsin_isoform_X2_Athene_cunicularia
Craniata DHB68168.1_hypothetical_protein_AG278_012266_Calliopsis_equamata
Craniata tr|A0A669QH75|A0A669QH75_PNACC_Retinal_pigment_epithelium-derived_rhodopsin_homolog_OS_Phasianus_colchicus_OX_9054_GN_RRH_PE_4_SV_1
Craniata DCT97123.1_hypothetical_protein_XEU4EV_18009346mg_Xenopus_laevis
Craniata tr|F7E735|F7E735_ORNAN_Retinal_pigment_epithelium-derived_rhodopsin_homolog_OS_Ornithorhynchus_anatinus_OX_9258_GN_RRH_PE_3_SV_1
Craniata XP_003468046.1_visual_pigment-like_receptor_peropsin_Cavia_porcellus
Craniata XP_004612815.1_PREDICTED_visual_pigment-like_receptor_peropsin_Sorex_araneus
Craniata XP_024907589.1_visual_pigment-like_receptor_peropsin_Pteropus_alecto
Craniata tr|A0A452QK63|A0A452QK63_URSAM_Retinal_pigment_epithelium-derived_rhodopsin_homolog_OS_Ursus_americanus_OX_9643_GN_RRH_PE_3_SV_1
Craniata EFY78064.1_hypothetical_protein_CBU_001130008_Camelus_ferus
Craniata XP_023439766.1_visual_pigment-like_receptor_peropsin_partial_Dasypus_novemcinctus
Craniata XP_023410445.2_visual_pigment-like_receptor_peropsin_Loxodonta_africana
Craniata XP_019909891.1_visual_pigment-like_receptor_peropsin_isoform_X1_Bos_taurus
Craniata XP_026879425.1_visual_pigment-like_receptor_peropsin_Electrophorus_electricus
Craniata XP_019744377.1_PREDICTED_visual_pigment-like_receptor_peropsin_isoform_X1_Hippocampus_comes
Craniata tr|G3NB48|G3NB48_GASAC_Retinal_pigment_epithelium-derived_rhodopsin_homolog_OS_Gasterosteus_aculeatus_OX_69293_PE_3_SV_1
Craniata XP_029349887.1_visual_pigment-like_receptor_peropsin_Echeneis_naucrates
Mollusca XP_022218047.1_visual_pigment-like_receptor_peropsin_Crassostrea_virginica
Mollusca XP_014779765.1_PREDICTED_visual_pigment-like_receptor_peropsin_partial_Octopus_bimaculoides
Arthropoda XP_022670895.1_visual_pigment-like_receptor_peropsin_Varroa_destructor
Arthropoda XP_013620587.1_visual_pigment-like_receptor_peropsin_isoform_X1_Nematostella_bipidarium
Arthropoda MXJ09173.1_putative_visual_pigment-like_receptor_peropsin_partial_Ixodes_ricinus
Arthropoda MBY04491.1_putative_visual_pigment-like_receptor_peropsin_partial_Ornithodoros_turicata
Hemichordata DAnsdlo2015_opsf7_Saccoglossus_kowalevskii
Craniata XP_020652502.1_RPE-retinal_G_protein-coupled_receptor_isoform_X2_Pogona_vitticeps
Craniata XP_027223311.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Anolis_carolinensis
Craniata XP_006112451.2_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Pelodiscus_sinensis
Craniata PKU36071.1_rge-retinal_g_protein-coupled_receptor_Limosa_lapponica_baueri
Craniata XP_028917129.1_RPE-retinal_G_protein-coupled_receptor_Ornithorhynchus_anatinus
Craniata XP_005407941.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_Chinchilla_lanigera
Craniata XP_022775158.1_RPE-retinal_G_protein-coupled_receptor_isoform_X2_Rattus_rattus
Craniata XP_017206019.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_isoform_X2_Oryctolagus_cuniculus
Craniata ELW65857.1_RPE-retinal_G_protein-coupled_receptor_Tupaia_chinensis
Craniata XP_022255907.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Enhydra_lutris_kenyoni
Craniata KAB12708966.1_RPE-retinal_G_protein-coupled_receptor_Camelus_dromedarius
Craniata XP_028369943.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Phyllostomus_discolor
Craniata XP_028369945.1_RPE-retinal_G_protein-coupled_receptor_isoform_X3_Phyllostomus_discolor
Craniata XP_035329558.1_RPE-retinal_G_protein-coupled_receptor-like_isoform_X1_Anguilla_anguilla
Craniata XP_020501442.1_RPE-retinal_G_protein-coupled_receptor-like_Larbus_bergylta
Craniata XP_004561369.2_RPE-retinal_G_protein-coupled_receptor_Maylandia_zebra
Craniata XP_013889912.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor-like_Austrofundulus_limnaeus
Craniata CAB1343295.1_unnamed_protein_product_Coregonus_sp._balchen
Craniata XP_030235288.1_RPE-retinal_G_protein-coupled_receptor_Gadus_morhua
Craniata XP_008427760.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor-like_isoform_X2_Poecilia_reticulata
Craniata tr|A0A671RT3|A0A671RT3_STELE_Retinal_G_protein_coupled_receptor_a_OS_Sinocyclocheilus_anshuiensis_OX_1608454_PE_4_SV_1
Mollusca XP_009060307.1_hypothetical_protein_LOTGIDRAFT_154374_Lottia_gigantea
Mollusca AFB88020.1_retinochrome_Argopecten_irradians
Mollusca mTrinity_TR59833|c1_g1_i1|GRF1
Mollusca mTrinity_TR59833|c1_g13_i1|GRF2
Annelida AHE16247.1_peropsin_partial_Platynereis_dumerilii
Arthropoda KAF6524041.1_hypothetical_protein_BS66_EDAN010024_Eohemera_danica
Arthropoda QDR50445.1_retinal_G_protein_coupled_receptor-like_protein_Intertrichus_melpomene
Arthropoda KPI12282.1_Visual_pigment-like_receptor_peropsin_Papilio_machaon
Arthropoda GBP31162.1_Visual_pigment-like_receptor_peropsin_Eumeta_japonica
Astropsins
Peropsins
Varropsins
RGR-opsins
Retinochromes
Gluopsins
Outgroup - 907