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|---------------|---|
| Craniata      | tr F1Q6F2 F1Q6F2_DANRE_Retinal_pigment_epithelium-derived_rhodopsin_homolog_Fragment_OS_Danio_rerio_OX_7955_GN_rrh_PE_3_SV_1        |
| Craniata      | XP_018670094.1_PREDICTED_LOW_QUALITY_PROTEIN_visual_pigment-like_receptor_peropsin_Cyprinus_carpio                                  |
| Craniata      | AWP16904.1_gutative_visual_pigment-like_receptor_peropsin_Scothaimus_maximus  |
| Craniata      | XP_028599879.1_visual_pigment-like_receptor_peropsin_isoform_X2_Rodarcis_musalis  |
| Craniata      | XP_015744085.1_visual_pigment-like_receptor_peropsin_Python_bivittatus  |
| Craniata      | tr A0A4X2K3N4 A0A4X2K3N4_VOMUR_Retinal_pigment_epithelium-derived_rhodopsin_homolog_OS_Vombatus_ursinus_OX_29139_GN_RRH_PE_3_SV_1   |
| Craniata      | DHA99336.1_Visual_pigment-like_receptor_peropsin_Heteroscephalus_glaber   |
| Craniata      | XP_023565897.1_visual_pigment-like_receptor_peropsin_Octodon_degus  |
| Craniata      | XP_028363566.1_visual_pigment-like_receptor_peropsin_Phyllotomus_discolor   |
| Craniata      | XP_024907589.1_visual_pigment-like_receptor_peropsin_Pteropus_alexio  |
| Craniata      | ELX0410.1_Visual_pigment-like_receptor_peropsin_Pteropus_alexio   |
| Craniata      | AAH46288.1_Rh_protein_Mus_musculus  |
| Craniata      | XP_034356982.1_visual_pigment-like_receptor_peropsin_isoform_X2_Arvicanthis_niloticus   |
| Craniata      | XP_006232065.1_PREDICTED_visual_pigment-like_receptor_peropsin_isoform_X1_Rattus_norvegicus   |
| Craniata      | XP_005357329.1_visual_pigment-like_receptor_peropsin_Microtus_achrogaster   |
| Craniata      | ERE90153.1_visual_pigment-like_receptor_peropsin-like_protein_Cricetulus_grisaeus   |
| Craniata      | XP_028247976.1_visual_pigment-like_receptor_peropsin_isoform_X3_Physeter_catodon  |
| Craniata      | XP_023439766.1_visual_pigment-like_receptor_peropsin_partial_Dasyurus_novemcinctus  |
| Craniata      | XP_003410445.2_visual_pigment-like_receptor_peropsin_Lowdonta_africana  |
| Echinodermata | DAniello2015_opa6.1_Holothuria_glaberrima   |
| Echinodermata | XP_794266.3_visual_pigment-like_receptor_peropsin_Strongylocentrotus_purpuratus   |
| Mollusca      | XP_022318047.1_visual_pigment-like_receptor_peropsin_Crasostrea_virginica   |
| Invertebrata  | Blasira_serrata_TRINITY_DAG59578_c0_g1_i1 ORF6  |
| Craniata      | XP_015355524.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_isoform_X2_Marmota_marmota_marmota                                  |
| Craniata      | XP_021500571.1_RPE-retinal_G_protein-coupled_receptor_isoform_X3_Meriones_unguiculatus  |
| Craniata      | XP_023365352.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Otolemur_garnettii   |
| Craniata      | KAF0872696.1_RGR_protein_partial_Crocota_crocota  |
| Craniata      | XP_004273063.1_RPE-retinal_G_protein-coupled_receptor_isoform_X3_Orinus_orca  |
| Craniata      | XP_017503157.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_Mania_javanica  |
| Craniata      | XP_004389949.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Thrichostus_mauratus_latrostris                                    |
| Craniata      | GCF44026.1_hypothetical_protein_parP_0003314_Parodura_picta   |
| Craniata      | P0033247.1_hypothetical_protein_AB205_0212880_partial_Lithobates_catesbeianus   |
| Craniata      | XP_007442166.1_RPE-retinal_G_protein-coupled_receptor_Python_bivittatus   |
| Craniata      | JAR67027.1_RPE-retinal_G_protein-coupled_receptor_Fundulus_heteroclitus   |
| Craniata      | XP_034464338.1_LOW_QUALITY_PROTEIN_retinal_G_protein_coupled_receptor_a_Hippoglossus_hippoglossus                                   |
| Craniata      | tr A0A4W6GA39 A0A4W6EA39_LATCA_G_PROTEIN_RECEP_F1_2_domain-containing_protein_OS_Latex_calcarifer_OX_8187_GN_LOC108880363_PE_4_SV_1 |
| Craniata      | KAF3853728.1_hypothetical_protein_F7725_014416_Discoastichus_mawsoni  |
| Craniata      | TKS89748.1_RPE-retinal_G_protein-coupled_receptor_Collichthys_luclidus  |
| Craniata      | XP_008312752.1_RPE-retinal_G_protein-coupled_receptor_Cynoglossus_semiavaleis   |
| Craniata      | KAF1373756.1_hypothetical_protein_PFLUV_G00342250_Perca_fluviatilis   |
| Craniata      | XP_013889912.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor-like_Austrofundulus_limnaeus  |
| Craniata      | RVES9733.1_hypothetical_protein_OJAV_G00191490_Oryzias_javanicus  |
| Craniata      | PWA21430.1_hypothetical_protein_CCH79_00003084_Gambusia_affinis   |
| Craniata      | XP_030629790.1_RPE-retinal_G_protein-coupled_receptor-like_Chanos_chanos  |
| Echinodermata | DAniello2015_opa7.2_Petiria_minata  |
| Echinodermata | DAniello2015_opa7_Paracentrotus_lividus   |
| Hemichordata  | DAniello2015_opa7_Saccoglossus_kowalevskii  |
| Mollusca      | XP_021349313.1_visual_pigment-like_receptor_peropsin_Mizuhopecten_yessoensis  |
| Mollusca      | XP_022317074.1_visual_pigment-like_receptor_peropsin_Crasostrea_virginica   |
| Mollusca      | XP_025113273.1_visual_pigment-like_receptor_peropsin_Pomacea_canalculata  |
| Mollusca      | APF30603.1_opsin_Stenoplax_conspicua  |
| Mollusca      | BAR0769.1_retinochrome_Nautillus_pomilius   |
| Arthropoda    | XP_015552121.1_PREDICTED_visual_pigment-like_receptor_peropsin_Putella_xylostella   |
| Arthropoda    | XP_028157551.1_visual_pigment-like_receptor_peropsin_isoform_X1_Ostrinia_fumacalis  |
| Arthropoda    | XP_026329002.1_rhodopsin_GQ-coupled-like_Hyposmocoma_kahamanoa  |
| Arthropoda    | BAQ54848.1_opsin_RGR-like_Anaes_parthenepe  |
| Arthropoda    | NP_001301037.1_visual_pigment-like_receptor_peropsin_Limulus_polyphemus   |
| Arthropoda    | XP_013776973.2_visual_pigment-like_receptor_peropsin_Limulus_polyphemus   |
| Arthropoda    | CCP46949.1_peropsin_Cupiennius_sakai  |
| Arthropoda    | MGU95173.1_putative_visual_pigment-like_receptor_peropsin_partial_Ixodes_ricinus  |

Peropsins

Astropsins

RGR-opsins

Retinochromes

Gluopsins