



Nematoda	VDO76747.1_unnamed_protein_product_Heligosomoides_polygynus
Hemichordata	DAniello2015_opa6_Ptychodera_flava
Carniata	EPY78063.1_hypothetical_protein_CB1_001130007_Camelus_ferus
Carniata	XP_023565897.1_visual_pigment-like_receptor_peropsin_Octodon_degus
Carniata	XP_012510533.1_PREDICTED_visual_pigment-like_receptor_peropsin_Propithecus_coquereli
Carniata	XP_021501095.1_visual_pigment-like_receptor_peropsin_Meriones_unguiculatus
Carniata	XP_006232065.1_PREDICTED_visual_pigment-like_receptor_peropsin_isoform_X1_Rattus_norvegicus
Carniata	XP_033866620.2_LOW_QUALITY_PROTEIN_visual_pigment-like_receptor_peropsin_Acipenser_ruthenus
Carniata	trjADA671PML8 A0A671PML8_9TELE_Retinal_pigment-epithelium-derived_rhodopsin_homolog_OS_Sinocyclocheilus_anshuensis_OX_1608454_PE_4_SV_1
Carniata	XP_034530956.1_visual_pigment-like_receptor_peropsin_isoform_X2_Notolabrus_celidotus
Carniata	trjADA3B4FU91 A0A3B4FU91_9CICH_G_PROTEIN_RECEP_F1_2_domain-containing_protein_OS_Pundamilia_nyererei_OX_303518_PE_3_SV_1
Carniata	XP_034051404.1_visual_pigment-like_receptor_peropsin_Thalassophryne_amazonica
Carniata	KPP58578.1_hypothetical_protein_2043_123585_Scleropages_formosus
Carniata	BBIS5004.1_peropsin_Anguilla_japonica
Hemichordata	DAniello2015_opa7_Hamimaniidae_spp
Arthropoda	XP_015781742.1_visual_pigment-like_receptor_peropsin_Tetranychus_urticae
Arthropoda	NP_001301037.1_visual_pigment-like_receptor_peropsin_Umulus_polyphemus
Arthropoda	BAQ54696.1_opsin_RGR-like_Sympetrum_frequens
Arthropoda	XP_022821074.1_visual_pigment-like_receptor_peropsin_Spodoptera_litura
Arthropoda	QDR50945.1_retinal_G_protein_coupled_receptor-like_protein_Heliconius_melpomene
Arthropoda	XP_026488410.1_visual_pigment-like_receptor_peropsin_isoform_X1_Varesea_tameamea
Mollusca	AKI33349.1_retinochrome_Doryteuthis_pealeii
Mollusca	BAR90774.1_retinochrome1_Idiosepius_paradoxus
Mollusca	APF30602.1_opsin_Chiton_virgulatus
Mollusca	XP_025113272.1_visual_pigment-like_receptor_peropsin_Pomacea_canalculata
Carniata	XP_018616401.1_RPE-retinal_G_protein_coupled_receptor-like_Scleropages_formosus
Carniata	KTG32105.1_hypothetical_protein_cypCar_00030152_partial_Cyprinus_carpio
Carniata	SBP16091.1_retinal_G_protein_coupled_receptor_b_Ikonisemion_atriatum
Carniata	XP_034049646.1_retinal_G_protein_coupled_receptor_b_Thalassophryne_amazonica
Carniata	XP_006029559.1_RPE-retinal_G_protein_coupled_receptor_Alligator_sinensis
Carniata	PKU36071.1_rpe-retinal_g_protein-coupled_receptor_Limosa_japonica_baueri
Carniata	XP_004713097.1_RPE-retinal_G_protein-coupled_receptor_Echinops_telfairi
Carniata	XP_016048053.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_isoform_X3_Erinaceus_europaeus
Carniata	XP_022355907.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Erythra_lubris_kenyoni
Carniata	XP_017503157.1_PREDICTED_RPE-retinal_G_protein-coupled_receptor_Mania_javanica
Carniata	XP_032775157.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Rattus_rattus
Carniata	XP_004641306.1_RPE-retinal_G_protein-coupled_receptor_Octodon_degus
Carniata	trjG1SQ06 G1SQ06_RABIT_Retinal_G_protein_coupled_receptor_OS_Oryctolagus_cuniculus_OX_9986_GN_RGR_PE_3_SV_3
Carniata	trjADA494C187 A0A494C187_HUMAN_RPE-retinal_G_protein-coupled_receptor_OS_Homo_sapiens_OX_9606_GN_RGR_PE_1_SV_1
Carniata	XP_003223311.2_PREDICTED_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Anolis_carolinensis
Carniata	XP_028585071.1_RPE-retinal_G_protein-coupled_receptor_isoform_X1_Podarcis_muralis
Echinodermata	MOS24969.1_RPE-retinal_G_protein-coupled_receptor_Strongylocentrotus_purpuratus
Unnelida	Notakux_ap1_TRINITY_DN24909_c0_g1_i1 ORF1

Nemopsins

Peropsins

Varropsins

Gluopsins

Retinochromes

RGR-opsins