



XP\_022128453.1\_visual\_pigment-like\_receptor\_peropsin\_isoform\_X1\_Raria\_rapae  
RV648790.1\_hypothetical\_protein\_avm\_006564\_Chilo\_suppressalis  
XP\_026488410.1\_visual\_pigment-like\_receptor\_peropsin\_isoform\_X1\_Vanessa\_tameamea  
AK133353.1\_retinochrome\_Sepia\_latinus  
KAF5464928.1\_Retinochrome\_Paragonimus\_heterotremus  
XP\_005094221.2\_PREDICTED\_retinochrome-like\_Aplysia\_californica  
APB88320.1\_retinochrome\_Angopsecten\_iradiane  
mTrinity\_TR59833.c1.g1.121ORF1  
DAnielis2015\_opf7\_RadialNerve\_Asterias\_rubens  
MOS24069.1\_RPE-retinal\_G\_protein-coupled\_receptor\_Strongylocentrotus\_purpuratus  
KAA8583754.1\_hypothetical\_protein\_FQ60\_014962\_Etheostoma\_spectabile  
XP\_026165322.1\_RPE-retinal\_G\_protein-coupled\_receptor-like\_Mastacembelus\_armatus  
XP\_035255329.1\_RPE-retinal\_G\_protein-coupled\_receptor-like\_Anguilla\_anguilla  
trjA0A3Q2QL6G/A0A3Q2QL6G\_FUNHE\_G\_PROTEIN\_RECCEP\_F1\_2\_domain-containing\_protein\_OS\_Fundulus\_heteroclitus\_OX\_8078\_PE\_4\_SV\_1  
TKS89748.1\_RPE-retinal\_G\_protein-coupled\_receptor\_Collichthys\_lucius  
XP\_035259558.1\_RPE-retinal\_G\_protein-coupled\_receptor-like\_isoform\_X1\_Anguilla\_anguilla  
XP\_023698091.1\_RPE-retinal\_G\_protein-coupled\_receptor-like\_Paramormyrops\_kingleyae  
XP\_023365353.1\_RPE-retinal\_G\_protein-coupled\_receptor\_isoform\_X3\_Ostelema\_garnettii  
XP\_017206019.1\_PREDICTED\_RPE-retinal\_G\_protein-coupled\_receptor\_isoform\_X2\_Oryzias\_latipes  
XP\_017654320.1\_LOW\_QUALITY\_PROTEIN\_RPE-retinal\_G\_protein-coupled\_receptor\_Nannosipalis\_galli  
XP\_021575662.1\_RPE-retinal\_G\_protein-coupled\_receptor\_isoform\_X2\_Ictidomys\_tridecemlineatus  
trjA0A494C187/A0A494C187\_HUMAN\_RPE-retinal\_G\_protein-coupled\_receptor\_OS\_Homo\_sapiens\_OX\_9606\_GN\_RGR\_PE\_1\_SV\_1  
XP\_008584314.1\_PREDICTED\_RPE-retinal\_G\_protein-coupled\_receptor\_Galeoscoptes\_variegatus  
KAF0872696.1\_RGR\_protein\_partial\_Crocodylus\_crocuta  
XP\_026360367.1\_RPE-retinal\_G\_protein-coupled\_receptor\_isoform\_X1\_Ursus\_arctos\_habillae  
XP\_013838849.1\_RPE-retinal\_G\_protein-coupled\_receptor\_isoform\_X1\_Sus\_scrofa  
trjF15EP7/F15EP7\_PIG\_Retinal\_G\_protein-coupled\_receptor\_OS\_Sus\_scrofa\_OX\_9823\_GN\_RGR\_PE\_3\_SV\_2  
KAF2982872.1\_hypothetical\_protein\_OX904\_005807\_Melospiza\_melodia\_maxima  
GCB70296.1\_hypothetical\_protein\_scyTo\_0010744\_Scyllorhinus\_torazame  
DAnielis2015\_opf7\_Psychodera\_bahamensis  
XP\_008289436.1\_PREDICTED\_visual\_pigment-like\_receptor\_peropsin\_Stegastes\_partitus  
JAC99941.1\_OPSX\_Poecilopsia\_profifica  
trjF1Q8F2/F1Q8F2\_DANRS\_Radial\_pigment\_epithelium-derived\_rhodopsin\_homolog\_Fragment\_OS\_Danio\_rerio\_OX\_7955\_GN\_rh\_PE\_3\_SV\_1  
trjA0A6725AC3/A0A6725AC3\_SINGR\_Retinal\_pigment\_epithelium-derived\_rhodopsin\_homolog\_OS\_Sinacyclocheilus\_grahamii\_OX\_75366\_PE\_4\_SV\_1  
trjA0A673L6G0/A0A673L6G0\_9TELE\_Retinal\_pigment\_epithelium-derived\_rhodopsin\_homolog\_OS\_Sinacyclocheilus\_rhinocerosus\_OX\_307958\_PE\_4\_SV\_1  
trjA0A3B3Q366/A0A3B3Q366\_9TELE\_Retinal\_pigment\_epithelium-derived\_rhodopsin\_homolog\_OS\_Paramormyrops\_kingleyae\_OX\_1676025\_PE\_3\_SV\_1  
XP\_032805970.1\_visual\_pigment-like\_receptor\_peropsin\_Petromyzon\_marinus  
XP\_026703985.1\_visual\_pigment-like\_receptor\_peropsin\_isoform\_X2\_Athene\_cunicularia  
XP\_028599877.1\_visual\_pigment-like\_receptor\_peropsin\_isoform\_X1\_Podarcis\_muralis  
trjA0A43K3N4/A0A43K3N4\_VOMUR\_Retinal\_pigment\_epithelium-derived\_rhodopsin\_homolog\_OS\_Vombatus\_sinus\_OX\_29129\_GN\_RRH\_PE\_3\_SV\_1  
XP\_004686532.1\_PREDICTED\_visual\_pigment-like\_receptor\_peropsin\_Condylura\_cristata  
XP\_023439766.1\_visual\_pigment-like\_receptor\_peropsin\_partial\_Dasyatis\_novemcinctus  
ELK36546.1\_Pro-epidermal\_growth\_factor\_Myotis\_davidi  
ELK36410.1\_Visual\_pigment-like\_receptor\_peropsin\_Pteropus\_solois  
EGW54880.1\_Isoelectric-rich\_repeat\_immunoglobulin-like\_domain\_and\_transmembrane\_domain-containing\_protein\_3\_Cricetus\_grievus  
XP\_008841944.1\_LOW\_QUALITY\_PROTEIN\_visual\_pigment-like\_receptor\_peropsin\_Nannosipalis\_galli  
XP\_794266.3\_visual\_pigment-like\_receptor\_peropsin\_Strongylocentrotus\_purpuratus  
XP\_018495507.1\_visual\_pigment-like\_receptor\_peropsin\_Galendromus\_occidentalis  
M0U95173.1\_putative\_visual\_pigm-ent-like\_receptor\_peropsin\_partial\_Ixodes\_ricinus  
NOV27829.1\_putative\_g-protein-coupled\_receptor\_Rhipicephalus\_microplus  
PRD30459.1\_Rrh\_Trichonephila\_clavipes

Gluopsins  
Retinochromes

RGR-opsins

Peropsins

Astropsins  
Varropsins