

#608133 RETINITIS PIGMENTOSA 7; RP7

OMIM Gene ID	HGNC	UniProtAC
179605	PRPH2	P23942
180721	ROM1	Q03395

Table 1: OMIM - UniProtAC mapping

Legend

- N1: #input proteins associated to the significant GO term
- N2: #proteins associated to the significant GO term
- P-value: Bonferroni-corrected p-value of Fisher's exact test
- *red*: go terms not related to the input proteins
- *blue*: go terms related to the input proteins (enriched uniquely by network-based method)
- *green*: go terms ancestors of terms enriched with the standard method (enriched uniquely by network-based method)

1 Standard enrichment

GO Term	N1	N2	P-value	Description
GO:0007601	2	214	0.00102396	visual perception
GO:0050953	2	218	0.00106268	sensory perception of light stimulus
GO:0007600	2	586	0.0077009	sensory perception
GO:0060219	1	6	0.0101734	camera-type eye photoreceptor cell differentiation
GO:0001754	1	11	0.01865	eye photoreceptor cell differentiation
GO:0046530	1	11	0.01865	photoreceptor cell differentiation
GO:0061298	1	12	0.0203452	retina vasculature development in camera-type eye
GO:0050877	2	1063	0.0253598	neurological system process
GO:0007155	2	1407	0.0444394	cell adhesion
GO:0022610	2	1410	0.0446291	biological adhesion

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms