

#613703 MICROPHTHALMIA, ISOLATED, WITH COLOBOMA 6; MCOPCB6

OMIM Gene ID	HGNC	UniProtAC
601147	GDF6	Q6KF10
606522	GDF3	Q9NR23

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:0090092	2	239	0.00602963	regulation of transmembrane receptor protein serine/threonine kinase signaling pathway
GO:1990009	1	2	0.0160028	retinal cell apoptotic process
GO:0040007	2	569	0.0342592	growth

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms