

#606657 GLAUCOMA, NORMAL TENSION, SUSCEPTIBILITY TO

OMIM Gene ID	HGNC	UniProtAC
602432	OPTN	Q96CV9
605290	OPA1	O60313

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:0090161	1	3	0.0338598	Golgi ribbon formation
GO:0001920	1	4	0.0451456	negative regulation of receptor recycling

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0097191	2	280	0.019075	extrinsic apoptotic signaling pathway

Table 3: Overrepresented terms with the network-based enrichment. Only terms not detected with the standard method.