

#275355 SQUAMOUS CELL CARCINOMA, HEAD AND NECK; HNSCC

OMIM Gene ID	HGNC	UniProtAC
601566	ING1	Q9UK53
601728	PTEN	P60484
603612	TNFRSF10B	O14763

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:0031658	1	1	0.0461807	negative regulation of cyclin-dependent protein serine/threonine kinase activity involved in G1/S transition of m
GO:0090071	1	1	0.0461807	negative regulation of ribosome biogenesis
GO:2000807	1	1	0.0461807	regulation of synaptic vesicle clustering
GO:2000808	1	1	0.0461807	negative regulation of synaptic vesicle clustering

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0097190	3	1052	0.0416361	apoptotic signaling pathway

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