

#155255 MEDULLOBLASTOMA; MDB

OMIM Gene ID	HGNC	UniProtAC
600185	BRCA2	P51587
603673	PTCH2	Q9Y6C5
607035	SUFU	Q9UMX1

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:0045879	2	40	0.000919288	negative regulation of smoothened signaling pathway
GO:0008589	2	118	0.00812448	regulation of smoothened signaling pathway

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:1903321	2	192	0.0285386	negative regulation of protein modification by small protein conjugation or removal

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