

#102530 SPERMATOGENIC FAILURE 6; SPGF6

OMIM Gene ID	HGNC	UniProtAC
606845	GOPC	Q9HD26
609856	SPATA16	Q9BXB7

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:0042999	1	1	0.00466312	regulation of Golgi to plasma membrane CFTR protein transport
GO:0043002	1	1	0.00466312	negative regulation of Golgi to plasma membrane CFTR protein transport
GO:0043004	1	1	0.00466312	cytoplasmic sequestering of CFTR protein
GO:0042997	1	7	0.0326392	negative regulation of Golgi to plasma membrane protein transport
GO:0042996	1	10	0.0466256	regulation of Golgi to plasma membrane protein transport

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms