

#178500 PULMONARY FIBROSIS, IDIOPATHIC; IPF

OMIM Gene ID	HGNC	UniProtAC
178630	SFTPA1	Q8IWL2
178642	SFTPA2	Q8IWL1
600770	MUC5B	Q9HC84

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:0007585	2	67	0.000781374	respiratory gaseous exchange
GO:0010477	1	3	0.0200291	response to sulfur dioxide

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0010193	1	12	0.049691	response to ozone

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