

#172700 PICK DISEASE OF BRAIN #600274 FRONTOTEMPORAL DEMENTIA; FTD

OMIM Gene ID	HGNC	UniProtAC
104311	PSEN1	P49768
157140	MAPT	P10636

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:0050770	2	196	0.0125298	regulation of axonogenesis
GO:0001764	2	213	0.0148037	neuron migration
GO:0010769	2	381	0.047464	regulation of cell morphogenesis involved in differentiation

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0006835	2	138	0.0124353	dicarboxylic acid transport

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