

#600794 NEURONOPATHY, DISTAL HEREDITARY MOTOR, TYPE VA; HMN5A

OMIM Gene ID	HGNC	UniProtAC
600287	GARS	P41250
606158	BSCL2	Q96G97

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:0006426	1	1	0.00455714	glycyl-tRNA aminoacylation
GO:0015960	1	4	0.0182278	diadenosine polyphosphate biosynthetic process
GO:0015965	1	4	0.0182278	diadenosine tetraphosphate metabolic process
GO:0015966	1	4	0.0182278	diadenosine tetraphosphate biosynthetic process
GO:0015959	1	5	0.0227845	diadenosine polyphosphate metabolic process

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms