

#605253 NEUROPATHY, CONGENITAL HYPOMYELINATING OR AMYELINATING, AUTOSOMAL

OMIM Gene ID	HGNC	UniProtAC
129010	EGR2	P11161
159440	MPZ	P25189

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:0021594	1	1	0.00985614	rhombomere formation
GO:0021660	1	1	0.00985614	rhombomere 3 formation
GO:0021666	1	1	0.00985614	rhombomere 5 formation
GO:0035284	1	3	0.0295677	brain segmentation

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0034331	2	28	0.000227511	cell junction maintenance
GO:0043954	2	50	0.000737302	cellular component maintenance
GO:0007422	2	102	0.00310028	peripheral nervous system development

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