

#275210 RESTRICTIVE DERMOPATHY, LETHAL

OMIM Gene ID	HGNC	UniProtAC
150330	LMNA	P02545
606480	ZMPSTE24	O75844

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:0006998	2	60	0.000487078	nuclear envelope organization
GO:0035105	1	1	0.010386	sterol regulatory element binding protein import into nucleus
GO:0030327	1	2	0.0207719	prenylated protein catabolic process
GO:0030951	1	3	0.0311573	establishment or maintenance of microtubule cytoskeleton polarity
GO:0071586	1	3	0.0311573	CAAX-box protein processing
GO:0044802	2	572	0.0449393	single-organism membrane organization

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms