

#175900 POROKERATOSIS 3, DISSEMINATED SUPERFICIAL ACTINIC TYPE; POROK3

OMIM Gene ID	HGNC	UniProtAC
251170	MVK	Q03426
611684	SART3	Q15020

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:0009240	1	3	0.014148	isopentenyl diphosphate biosynthetic process
GO:0019287	1	3	0.014148	isopentenyl diphosphate biosynthetic process, mevalonate pathway
GO:0046490	1	4	0.0188636	isopentenyl diphosphate metabolic process

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0014856	1	4	0.0309756	skeletal muscle cell proliferation

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