

#133200 ERYTHROKERATODERMIA VARIABILIS ET PROGRESSIVA; EKVP

OMIM Gene ID	HGNC	UniProtAC
603324	GJB3	O75712
605425	GJB4	Q9NTQ9

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:0007600	2	586	0.00938547	sensory perception
GO:0042048	1	9	0.0185975	olfactory behavior
GO:0050877	2	1063	0.0309073	neurological system process
GO:0007154	2	1103	0.0332782	cell communication
GO:0007635	1	18	0.0371906	chemosensory behavior

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms