

#187950 THROMBOCYTHEMIA 1; THCYT1

OMIM Gene ID	HGNC	UniProtAC
109091	CALR	P27797
600044	THPO	P40225
605093	SH2B3	Q9UQQ2

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:0002502	1	1	0.028853	peptide antigen assembly with MHC class I protein complex

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

GO Term	N1	N2	P-value	Description
GO:0007596	3	1367	0.0474307	blood coagulation
GO:0050817	3	1367	0.0474307	coagulation
GO:0007599	3	1382	0.0490105	hemostasis

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