

#152700 SYSTEMIC LUPUS ERYTHEMATOSUS; SLE

OMIM Gene ID	HGNC	UniProtAC
120810	C4A	P0C0L4
125505	DNASE1	P24855
600716	PTPN22	Q9Y2R2
604590	FCGR2B	P31994
606609	TREX1	Q9NSU2
610292	BANK1	Q8NDB2

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:0002376	5	2446	0.00119591	immune system process

Table 2: Overrepresented GO terms with the standard enrichment

2 Network-based enrichment

No novel enriched terms