

GeDiPNet Cluster 603 -- Enriched GO Terms (Biological Process)

GO term enrichment: Biological Process terms (gene2go, human/tax_id=9606 only), upper-tail hypergeometric test, fold enrichment = (overlap / cluster gene count) / (term gene count / universe size), Benjamini-Hochberg FDR-corrected. Top 15 terms per cluster by q-value. See scripts/build_cluster_go_enrichment.php on gedipnet.bicnirrh.res.in. Data as of: 2026-10-20 03:23:14. · Rows: 15 · Generated: 2026-10-19 22:41:32

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
response to tacrolimus	GO:1901327	1	IL2	2	5	1868.70	5.351e-4	9.880e-3
regulation of CD4-positive, alpha-beta T cell proliferation	GO:2000561	1	IL2	2	5	1868.70	5.351e-4	9.880e-3
leukocyte activation involved in immune response	GO:0002366	1	IL2	3	5	1245.80	8.025e-4	1.283e-2
regulation of T cell homeostatic proliferation	GO:0046013	1	IL2	3	5	1245.80	8.025e-4	1.283e-2
positive regulation of plasma cell differentiation	GO:1900100	1	IL2	4	5	934.35	1.070e-3	1.514e-2
positive regulation of tissue remodeling	GO:0034105	1	IL2	6	5	622.90	1.605e-3	1.885e-2
negative regulation of lymphocyte proliferation	GO:0050672	1	IL2	7	5	533.91	1.872e-3	2.050e-2
positive regulation of lymphocyte differentiation	GO:0045621	1	IL2	8	5	467.18	2.139e-3	2.189e-2
regulation of triglyceride metabolic process	GO:0090207	1	TBL1XR1	8	5	467.18	2.139e-3	2.189e-2
blood coagulation, fibrin clot formation	GO:0072378	1	F13B	9	5	415.27	2.406e-3	2.324e-2
negative regulation of T-helper 17 cell differentiation	GO:2000320	1	IL2	9	5	415.27	2.406e-3	2.324e-2
fat pad development	GO:0060613	1	TBL1XR1	10	5	373.74	2.673e-3	2.457e-2
activated T cell proliferation	GO:0050798	1	IL2	10	5	373.74	2.673e-3	2.457e-2
negative regulation of B cell apoptotic process	GO:0002903	1	IL2	11	5	339.76	2.940e-3	2.584e-2
positive regulation of isotype switching to IgG isotypes	GO:0048304	1	IL2	11	5	339.76	2.940e-3	2.584e-2