

GeDiPNet Cluster 266 -- 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: 2026-10-07 03:23:06. · Rows: 15 · Generated: 2026-10-07 15:03:44

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
isotype switching	GO:0045190	3	AICDA, CD40LG, UNG	19	9	327.84	7.456e-8	9.430e-6
B cell proliferation	GO:0042100	3	ABL1, CD40, CD40LG	38	9	163.92	6.462e-7	5.805e-5
cellular response to lipopolysaccharide	GO:0071222	4	AICDA, BCR, ABL1, CD40	187	9	44.41	1.177e-6	9.444e-5
thymus development	GO:0048538	3	ABL1, CRKL, MAPK1	50	9	124.58	1.497e-6	1.144e-4
regulation of immunoglobulin production	GO:0002637	2	CD40, CD40LG	9	9	461.41	7.410e-6	4.112e-4
CD40 signaling pathway	GO:0023035	2	CD40, CD40LG	10	9	415.27	9.260e-6	4.920e-4
Bergmann glial cell differentiation	GO:0060020	2	ABL1, MAPK1	11	9	377.52	1.132e-5	5.731e-4
somatic hypermutation of immunoglobulin genes	GO:0016446	2	AICDA, UNG	14	9	296.62	1.871e-5	8.501e-4
T cell receptor signaling pathway	GO:0050852	3	ABL1, CRKL, MAPK1	121	9	51.48	2.162e-5	9.550e-4
regulation of gene expression	GO:0010468	4	ABL1, CRKL, CD40, CD40LG	402	9	20.66	2.441e-5	1.045e-3
intracellular signal transduction	GO:0035556	4	BCR, ABL1, CRKL, MAPK1	471	9	17.63	4.540e-5	1.675e-3
positive regulation of macromolecule biosynthetic process	GO:0010557	2	ABL1, CD40	29	9	143.20	8.315e-5	2.635e-3
positive regulation of endothelial cell apoptotic process	GO:2000353	2	CD40, CD40LG	29	9	143.20	8.315e-5	2.635e-3
positive regulation of canonical NF-kappaB signal transduction	GO:0043123	3	ABL1, CD40, CD40LG	232	9	26.85	1.502e-4	4.099e-3
positive regulation of interleukin-12 production	GO:0032735	2	CD40, CD40LG	43	9	96.57	1.843e-4	4.775e-3