

GeDiPNet Cluster 500 -- 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 23:18:39

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
isotype switching to IgE isotypes	GO:0048289	2	STAT6, BCL6	3	7	1779.71	3.608e-7	3.692e-5
regulation of cell population proliferation	GO:0042127	4	STAT6, BCL6, CTNNB1, TP53	201	7	53.13	4.434e-7	4.404e-5
negative regulation of type 2 immune response	GO:0002829	2	STAT6, BCL6	7	7	762.73	2.524e-6	1.827e-4
cell-matrix adhesion	GO:0007160	3	BCL6, CTNNB1, RHOA	105	7	76.27	5.935e-6	3.631e-4
negative regulation of transcription by RNA polymerase II	GO:0000122	5	RBM10, STAT6, BCL6, CTNNB1, TP53	1002	7	13.32	8.419e-6	4.778e-4
cell morphogenesis	GO:0000902	3	BCL6, CTNNB1, RHOA	119	7	67.30	8.650e-6	4.862e-4
regulation of T cell proliferation	GO:0042129	2	BCL6, CTNNB1	17	7	314.07	1.631e-5	7.922e-4
intracellular protein localization	GO:0008104	3	BCL6, CTNNB1, TP53	194	7	41.28	3.740e-5	1.481e-3
negative regulation of DNA-templated transcription	GO:0045892	4	BCL6, NAB2, CTNNB1, TP53	631	7	16.92	4.155e-5	1.603e-3
regulation of transcription by RNA polymerase II	GO:0006357	5	STAT6, BCL6, CTNNB1, TP53, RHOA	1602	7	8.33	8.341e-5	2.703e-3
regulation of apoptotic process	GO:0042981	3	BCL6, CTNNB1, TP53	254	7	31.53	8.343e-5	2.703e-3
cell population proliferation	GO:0008283	3	BCL6, CTNNB1, TP53	263	7	30.45	9.251e-5	2.920e-3
T cell differentiation in thymus	GO:0033077	2	CTNNB1, TP53	41	7	130.22	9.795e-5	3.042e-3
embryonic organ development	GO:0048568	2	CTNNB1, TP53	42	7	127.12	1.028e-4	3.160e-3
neuroblast proliferation	GO:0007405	2	CTNNB1, TP53	48	7	111.23	1.346e-4	3.822e-3