

GeDiPNet Cluster 436 -- 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: 2026-10-20 00:01:24

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
immune system process	GO:0002376	4	CD19, TNFRSF13C, CD81, CR2	943	5	15.85	3.093e-5	1.280e-3
B cell proliferation	GO:0042100	2	CD19, CR2	38	5	196.71	4.011e-5	1.558e-3
T cell costimulation	GO:0031295	2	TNFRSF13C, ICOS	45	5	166.11	5.644e-5	2.017e-3
positive regulation of B cell proliferation	GO:0030890	2	TNFRSF13C, CD81	47	5	159.04	6.162e-5	2.163e-3
adaptive immune response	GO:0002250	3	CD19, TNFRSF13C, CD81	507	5	22.11	1.906e-4	4.919e-3
macrophage fusion	GO:0034238	1	CD81	1	5	3737.40	2.676e-4	6.245e-3
CD4-positive, alpha-beta T cell costimulation	GO:0035783	1	CD81	1	5	3737.40	2.676e-4	6.245e-3
positive regulation of adaptive immune memory response	GO:1905676	1	CD81	1	5	3737.40	2.676e-4	6.245e-3
symbiont entry into host cell	GO:0046718	2	CD81, CR2	112	5	66.74	3.519e-4	7.517e-3
T cell tolerance induction	GO:0002517	1	ICOS	2	5	1868.70	5.351e-4	9.880e-3
B-1 B cell differentiation	GO:0001923	1	CD19	2	5	1868.70	5.351e-4	9.880e-3
positive regulation of receptor clustering	GO:1903911	1	CD81	2	5	1868.70	5.351e-4	9.880e-3
positive regulation of protein catabolic process in the vacuole	GO:1904352	1	CD81	2	5	1868.70	5.351e-4	9.880e-3
positive regulation of inflammatory response to antigenic stimulus	GO:0002863	1	CD81	3	5	1245.80	8.025e-4	1.283e-2
B cell costimulation	GO:0031296	1	TNFRSF13C	3	5	1245.80	8.025e-4	1.283e-2