

GeDiPNet Cluster 491 -- 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 00:01:16

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
regulation of macrophage colony-stimulating factor production	GO:1901256	1	FOXP1	1	2	9343.50	1.070e-4	3.249e-3
positive regulation of interleukin-21 production	GO:0032745	1	FOXP1	2	2	4671.75	2.140e-4	5.314e-3
regulation of monocyte differentiation	GO:0045655	1	FOXP1	2	2	4671.75	2.140e-4	5.314e-3
regulation of defense response to bacterium	GO:1900424	1	FOXP1	2	2	4671.75	2.140e-4	5.314e-3
regulation of chemokine (C-X-C motif) ligand 2 production	GO:2000341	1	FOXP1	4	2	2335.88	4.281e-4	8.531e-3
regulation of interleukin-12 production	GO:0032655	1	FOXP1	4	2	2335.88	4.281e-4	8.531e-3
regulation of endothelial tube morphogenesis	GO:1901509	1	FOXP1	4	2	2335.88	4.281e-4	8.531e-3
positive regulation of hydrogen peroxide-mediated programmed cell death	GO:1901300	1	FOXP1	5	2	1868.70	5.351e-4	9.880e-3
GPI anchored protein biosynthesis	GO:0180046	1	PIGT	5	2	1868.70	5.351e-4	9.880e-3
attachment of GPI anchor to protein	GO:0016255	1	PIGT	6	2	1557.25	6.421e-4	1.113e-2
osteoclast development	GO:0036035	1	FOXP1	8	2	1167.94	8.560e-4	1.331e-2
monocyte activation	GO:0042117	1	FOXP1	9	2	1038.17	9.630e-4	1.423e-2
endothelial cell activation	GO:0042118	1	FOXP1	9	2	1038.17	9.630e-4	1.423e-2
positive regulation of B cell receptor signaling pathway	GO:0050861	1	FOXP1	9	2	1038.17	9.630e-4	1.423e-2
negative regulation of B cell apoptotic process	GO:0002903	1	FOXP1	11	2	849.41	1.177e-3	1.592e-2