

GeDiPNet Cluster 577 -- 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 23:18:04

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
constitutive protein ectodomain proteolysis	GO:0051089	1	ADAM10	1	3	6229.00	1.605e-4	4.340e-3
epidermal growth factor receptor ligand maturation	GO:0038004	1	ADAM10	2	3	3114.50	3.211e-4	7.044e-3
regulation of vasculature development	GO:1901342	1	ADAM10	2	3	3114.50	3.211e-4	7.044e-3
protein catabolic process at postsynapse	GO:0140249	1	ADAM10	3	3	2076.33	4.816e-4	9.241e-3
dendritic cell proliferation	GO:0044565	1	TBK1	3	3	2076.33	4.816e-4	9.241e-3
signaling receptor ligand precursor processing	GO:0140448	1	ADAM10	6	3	1038.17	9.630e-4	1.423e-2
negative regulation of gene expression	GO:0010629	2	TBK1, ADAM10	339	3	36.75	9.726e-4	1.433e-2
positive regulation of xenophagy	GO:1904417	1	TBK1	8	3	778.63	1.284e-3	1.669e-2
positive regulation of TORC2 signaling	GO:1904515	1	TBK1	8	3	778.63	1.284e-3	1.669e-2
monocyte activation	GO:0042117	1	ADAM10	9	3	692.11	1.444e-3	1.794e-2
pore complex assembly	GO:0046931	1	ADAM10	9	3	692.11	1.444e-3	1.794e-2
regulation of metabolic process	GO:0019222	1	TBK1	10	3	622.90	1.605e-3	1.885e-2
T follicular helper cell differentiation	GO:0061470	1	TBK1	11	3	566.27	1.765e-3	1.990e-2
regulation of type I interferon production	GO:0032479	1	TBK1	11	3	566.27	1.765e-3	1.990e-2
postsynapse organization	GO:0099173	1	ADAM10	13	3	479.15	2.086e-3	2.170e-2