

GeDiPNet Cluster 300 -- 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 02:25:47

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
glyoxylate metabolic process	GO:0046487	3	AGXT, GRHPR, HOGA1	5	14	800.87	3.344e-9	6.525e-7
oxalate transport	GO:0019532	3	SLC26A1, SLC26A6, SLC26A7	11	14	364.03	5.504e-8	7.351e-6
sulfate transmembrane transport	GO:1902358	3	SLC26A1, SLC26A6, SLC26A7	16	14	250.27	1.864e-7	2.040e-5
oxalic acid secretion	GO:0046724	2	AGXT, SLC26A6	2	14	1334.79	5.212e-7	4.836e-5
monocyte chemotaxis	GO:0002548	3	CCL2, CCL5, IL6	26	14	154.01	8.615e-7	7.341e-5
glyoxylate catabolic process	GO:0009436	2	AGXT, HOGA1	3	14	889.86	1.563e-6	1.184e-4
bicarbonate transport	GO:0015701	3	SLC26A1, SLC26A6, SLC26A7	33	14	121.34	1.802e-6	1.327e-4
positive regulation of receptor signaling pathway via STAT	GO:1904894	2	CCL5, IL6	9	14	296.62	1.871e-5	8.501e-4
cellular response to type II interferon	GO:0071346	3	CCL2, CCL5, SLC26A6	75	14	53.39	2.190e-5	9.637e-4
chloride transport	GO:0006821	3	SLC26A1, SLC26A6, SLC26A7	81	14	49.44	2.759e-5	1.147e-3
cellular response to virus	GO:0098586	3	CCL5, IL6, NFKB1	89	14	44.99	3.660e-5	1.425e-3
positive regulation of neuroinflammatory response	GO:0150078	2	CCL5, IL6	16	14	166.85	6.217e-5	2.116e-3
cellular response to tumor necrosis factor	GO:0071356	3	CCL2, CCL5, NFKB1	107	14	37.42	6.346e-5	2.151e-3
macrophage chemotaxis	GO:0048246	2	CCL2, CCL5	17	14	157.03	7.043e-5	2.330e-3
chloride transmembrane transport	GO:1902476	3	SLC26A1, SLC26A6, SLC26A7	114	14	35.13	7.664e-5	2.487e-3