

GeDiPNet Cluster 544 -- 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 00:01:45

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
pantothenate transmembrane transport	GO:0015887	1	SLC5A6	1	3	6229.00	1.605e-4	4.340e-3
inorganic ion transmembrane transport	GO:0098660	1	SLC5A6	2	3	3114.50	3.211e-4	7.044e-3
iodide transmembrane transport	GO:1904200	1	SLC5A6	2	3	3114.50	3.211e-4	7.044e-3
biotin import across plasma membrane	GO:1905135	1	SLC5A6	2	3	3114.50	3.211e-4	7.044e-3
biotin transport	GO:0015878	1	SLC5A6	3	3	2076.33	4.816e-4	9.241e-3
biotin metabolic process	GO:0006768	1	SLC5A6	4	3	1557.25	6.421e-4	1.113e-2
retrograde neuronal dense core vesicle transport	GO:1990049	1	KIF5A	5	3	1245.80	8.025e-4	1.283e-2
anterograde dendritic transport of neurotransmitter receptor complex	GO:0098971	1	KIF5A	7	3	889.86	1.123e-3	1.550e-2
anterograde axonal protein transport	GO:0099641	1	KIF5A	8	3	778.63	1.284e-3	1.669e-2
regulation of lysosome size	GO:0062196	1	BORCS8	9	3	692.11	1.444e-3	1.794e-2
regulation of endosome size	GO:0051036	1	BORCS8	11	3	566.27	1.765e-3	1.990e-2
organelle transport along microtubule	GO:0072384	1	BORCS8	14	3	444.93	2.246e-3	2.244e-2
synaptic vesicle transport	GO:0048489	1	KIF5A	20	3	311.45	3.208e-3	2.689e-2
sodium ion import across plasma membrane	GO:0098719	1	SLC5A6	28	3	222.46	4.489e-3	3.173e-2
lysosome localization	GO:0032418	1	BORCS8	32	3	194.66	5.129e-3	3.369e-2