

GeDiPNet Cluster 555 -- 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 23:18:30

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
cocaine metabolic process	GO:0050783	1	BCHE	1	4	4671.75	2.141e-4	5.314e-3
regulation of serotonin secretion	GO:0014062	1	HTR1A	2	4	2335.88	4.281e-4	8.531e-3
acetylcholine catabolic process	GO:0006581	1	BCHE	2	4	2335.88	4.281e-4	8.531e-3
trans-synaptic signaling by BDNF, modulating synaptic transmission	GO:0099183	1	PLAT	3	4	1557.25	6.421e-4	1.113e-2
choline metabolic process	GO:0019695	1	BCHE	3	4	1557.25	6.421e-4	1.113e-2
synaptic transmission, glycinergic	GO:0060012	1	SLC6A5	3	4	1557.25	6.421e-4	1.113e-2
regulation of hormone secretion	GO:0046883	1	HTR1A	4	4	1167.94	8.560e-4	1.331e-2
chemical synaptic transmission	GO:0007268	2	HTR1A, SLC6A5	236	4	39.59	9.371e-4	1.416e-2
glycine import across plasma membrane	GO:1903804	1	SLC6A5	5	4	934.35	1.070e-3	1.514e-2
prevention of polyspermy	GO:0060468	1	PLAT	6	4	778.63	1.284e-3	1.669e-2
negative regulation of plasminogen activation	GO:0010757	1	PLAT	7	4	667.39	1.498e-3	1.821e-2
neuroblast differentiation	GO:0014016	1	BCHE	7	4	667.39	1.498e-3	1.821e-2
response to folic acid	GO:0051593	1	BCHE	8	4	583.97	1.711e-3	1.958e-2
regulation of dopamine metabolic process	GO:0042053	1	HTR1A	9	4	519.08	1.925e-3	2.069e-2
smooth muscle cell migration	GO:0014909	1	PLAT	9	4	519.08	1.925e-3	2.069e-2