

GeDiPNet Cluster 382 -- 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: 2026-10-08 03:23:04. · Rows: 15 · Generated: 2026-10-08 09:01:05

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
synaptic membrane adhesion	GO:0099560	4	LRRC4C, LRFN5, NTNG1, PTPRD	29	66	39.05	3.154e-6	2.116e-4
modulation of chemical synaptic transmission	GO:0050804	5	LRRC4C, GRIK1, NTNG1, PPP1R9A, PTPRD	121	66	11.70	6.828e-5	2.322e-3
chondroitin sulfate proteoglycan metabolic process	GO:0050654	2	BPNT2, CSGALNACT1	6	66	94.38	1.826e-4	4.841e-3
dermatan sulfate proteoglycan biosynthetic process	GO:0050651	2	UST, CSGALNACT1	9	66	62.92	4.353e-4	8.876e-3
epoxygenase P450 pathway	GO:0019373	2	CYP2C8, CYP4F12	18	66	31.46	1.812e-3	2.198e-2
negative regulation of G protein-coupled receptor signaling pathway	GO:0045744	2	RGS4, RGS7	18	66	31.46	1.812e-3	2.198e-2
renal water homeostasis	GO:0003091	2	ADCY6, CYP4F12	19	66	29.80	2.021e-3	2.334e-2
regulation of axonogenesis	GO:0050770	2	LRRC4C, UST	24	66	23.59	3.225e-3	3.000e-2
regulation of retina development in camera-type eye	GO:1902866	1	CELF4	1	66	283.14	3.532e-3	3.150e-2
transition between slow and fast fiber	GO:0014886	1	GTF2IRD1	1	66	283.14	3.532e-3	3.150e-2
cardiac endothelial to mesenchymal transition	GO:0140074	1	SEMA3C	1	66	283.14	3.532e-3	3.150e-2
glucuronoside transport	GO:0015779	1	ABCC3	1	66	283.14	3.532e-3	3.150e-2
UDP-glucuronate metabolic process	GO:0046398	1	CSGALNACT1	1	66	283.14	3.532e-3	3.150e-2
glycine import into mitochondrion	GO:1904983	1	SLC25A38	1	66	283.14	3.532e-3	3.150e-2
endochondral ossification	GO:0001958	2	BPNT2, CSGALNACT1	31	66	18.27	5.348e-3	3.857e-2