

GeDiPNet Cluster 384 -- 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 00:28:45

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
visual perception	GO:0007601	3	CACNA1F, CABP4, GPR143	215	6	43.46	2.928e-5	1.200e-3
regulation of melanosome transport	GO:1902908	1	GPR143	1	6	3114.50	3.211e-4	7.027e-3
paranodal junction maintenance	GO:1990227	1	WHRN	2	6	1557.25	6.421e-4	1.127e-2
eye pigment biosynthetic process	GO:0006726	1	GPR143	2	6	1557.25	6.421e-4	1.127e-2
cerebellar Purkinje cell layer formation	GO:0021694	1	WHRN	2	6	1557.25	6.421e-4	1.127e-2
regulation of melanosome organization	GO:1903056	1	GPR143	2	6	1557.25	6.421e-4	1.127e-2
melanosome localization	GO:0032400	1	GPR143	5	6	622.90	1.605e-3	1.983e-2
calcium ion-regulated exocytosis of neurotransmitter	GO:0048791	1	RIMS2	5	6	622.90	1.605e-3	1.983e-2
photoreceptor cell morphogenesis	GO:0008594	1	CABP4	5	6	622.90	1.605e-3	1.983e-2
positive regulation of inhibitory postsynaptic potential	GO:0097151	1	RIMS2	6	6	519.08	1.925e-3	2.203e-2
negative regulation of voltage-gated calcium channel activity	GO:1901386	1	CACNA1F	6	6	519.08	1.925e-3	2.203e-2
spontaneous neurotransmitter secretion	GO:0061669	1	RIMS2	6	6	519.08	1.925e-3	2.203e-2
retinal bipolar neuron differentiation	GO:0060040	1	CABP4	6	6	519.08	1.925e-3	2.203e-2
maintenance of presynaptic active zone structure	GO:0048790	1	RIMS2	8	6	389.31	2.566e-3	2.584e-2
inner ear receptor cell differentiation	GO:0060113	1	WHRN	9	6	346.06	2.887e-3	2.764e-2