

GeDiPNet Cluster 493 -- 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 00:01:43

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
neuroepithelial cell differentiation	GO:0060563	2	B9D1, TMEM231	12	4	778.63	2.267e-6	1.680e-4
cell projection organization	GO:0030030	3	B9D1, TMEM231, TXNDC15	214	4	65.49	5.874e-6	3.599e-4
cilium assembly	GO:0060271	3	B9D1, TMEM231, TXNDC15	237	4	59.14	7.983e-6	4.572e-4
vasculature development	GO:0001944	2	B9D1, TMEM231	33	4	283.14	1.810e-5	8.586e-4
embryonic digit morphogenesis	GO:0042733	2	B9D1, TMEM231	57	4	163.92	5.463e-5	1.973e-3
camera-type eye development	GO:0043010	2	B9D1, TMEM231	74	4	126.26	9.235e-5	2.915e-3
regulation of protein localization	GO:0032880	2	B9D1, TMEM231	89	4	104.98	1.337e-4	3.802e-3
smoothened signaling pathway	GO:0007224	2	B9D1, TMEM231	94	4	99.40	1.492e-4	4.125e-3
cerebellar granular layer structural organization	GO:0021685	1	KIF14	1	4	4671.75	2.141e-4	5.314e-3
regulation of cell maturation	GO:1903429	1	KIF14	1	4	4671.75	2.141e-4	5.314e-3
cerebellar Purkinje cell layer structural organization	GO:0021693	1	KIF14	2	4	2335.88	4.281e-4	8.531e-3
negative regulation of integrin activation	GO:0033624	1	KIF14	3	4	1557.25	6.421e-4	1.113e-2
regulation of Rap protein signal transduction	GO:0032487	1	KIF14	4	4	1167.94	8.560e-4	1.331e-2
in utero embryonic development	GO:0001701	2	B9D1, TMEM231	252	4	37.08	1.068e-3	1.514e-2
cerebellar cortex development	GO:0021695	1	KIF14	8	4	583.97	1.711e-3	1.958e-2