

GeDiPNet Cluster 230 -- 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 01:09:50

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
telencephalon regionalization	GO:0021978	2	SHH, SIX3	7	8	667.39	3.364e-6	2.190e-4
cell proliferation in forebrain	GO:0021846	2	EMX2, SIX3	14	8	333.70	1.456e-5	7.000e-4
thyroid gland development	GO:0030878	2	SHH, SIX3	30	8	155.73	6.935e-5	2.300e-3
branching involved in blood vessel morphogenesis	GO:0001569	2	SHH, COL4A1	33	8	141.57	8.412e-5	2.660e-3
brain development	GO:0007420	3	EMX2, COL4A1, SIX3	244	8	28.72	1.173e-4	3.415e-3
embryonic digit morphogenesis	GO:0042733	2	SHH, LMBR1	57	8	81.96	2.530e-4	5.971e-3
negative regulation of Wnt signaling pathway	GO:0030178	2	SHH, SIX3	61	8	76.59	2.898e-4	6.551e-3
negative regulation of neuron differentiation	GO:0045665	2	SHH, SIX3	63	8	74.15	3.091e-4	6.866e-3
camera-type eye development	GO:0043010	2	SHH, SIX3	74	8	63.13	4.265e-4	8.586e-3
regulation of CD4-positive, alpha-beta T cell activation	GO:2000514	1	AGER	1	8	2335.88	4.281e-4	8.586e-3
polarity specification of anterior/posterior axis	GO:0009949	1	SHH	1	8	2335.88	4.281e-4	8.586e-3
cell proliferation in external granule layer	GO:0021924	1	SHH	1	8	2335.88	4.281e-4	8.586e-3
right lung development	GO:0060458	1	SHH	1	8	2335.88	4.281e-4	8.586e-3
left lung development	GO:0060459	1	SHH	1	8	2335.88	4.281e-4	8.586e-3
primary prostatic bud elongation	GO:0060516	1	SHH	1	8	2335.88	4.281e-4	8.586e-3