

GeDiPNet Cluster 589 -- 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 23:18:50

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
glial cell fate determination	GO:0007403	1	CTNNB1	1	3	6229.00	1.605e-4	4.340e-3
canonical Wnt signaling pathway involved in mesenchymal stem cell differentiation	GO:0044338	1	CTNNB1	1	3	6229.00	1.605e-4	4.340e-3
lung cell differentiation	GO:0060479	1	CTNNB1	1	3	6229.00	1.605e-4	4.340e-3
cranial ganglion development	GO:0061550	1	CTNNB1	1	3	6229.00	1.605e-4	4.340e-3
negative regulation of interleukin-18-mediated signaling pathway	GO:2000493	1	CYLD	1	3	6229.00	1.605e-4	4.340e-3
MAPK cascade	GO:0000165	2	HRAS, CTNNB1	147	3	84.75	1.834e-4	4.782e-3
negative regulation of canonical Wnt signaling pathway	GO:0090090	2	CYLD, CTNNB1	150	3	83.05	1.910e-4	4.926e-3
negative regulation of neuron apoptotic process	GO:0043524	2	HRAS, CTNNB1	160	3	77.86	2.173e-4	5.381e-3
positive regulation of branching involved in lung morphogenesis	GO:0061047	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3
neural plate development	GO:0001840	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3
negative regulation of mesenchymal to epithelial transition involved in metanephros morphogenesis	GO:0003340	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3
regulation of centriole-centriole cohesion	GO:0030997	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3
negative regulation of mitotic cell cycle, embryonic	GO:0045976	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3
regulation of timing of anagen	GO:0051884	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3
renal vesicle formation	GO:0072033	1	CTNNB1	2	3	3114.50	3.211e-4	7.044e-3