

GeDiPNet Cluster 345 -- 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 11:56:02

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
hindbrain development	GO:0030902	2	AHI1, PTF1A	20	10	186.87	4.872e-5	1.760e-3
central nervous system development	GO:0007417	3	GSTP1, AHI1, ZEB2	158	10	35.48	6.813e-5	2.268e-3
retina layer formation	GO:0010842	2	AHI1, PTF1A	27	10	138.42	8.982e-5	2.794e-3
positive regulation of transcription by RNA polymerase II	GO:0045944	5	AHI1, CASK, NOS1, PTF1A, ZEB2	1208	10	7.73	2.144e-4	5.290e-3
cerebellum development	GO:0021549	2	PTF1A, RPGRIP1L	55	10	67.95	3.770e-4	7.851e-3
nitric oxide storage	GO:0035732	1	GSTP1	1	10	1868.70	5.351e-4	9.981e-3
synaptic signaling by nitric oxide	GO:0099163	1	NOS1	1	10	1868.70	5.351e-4	9.981e-3
positive regulation of sodium ion transmembrane transport	GO:1902307	1	NOS1	1	10	1868.70	5.351e-4	9.981e-3
positive regulation of polarized epithelial cell differentiation	GO:0030862	1	AHI1	1	10	1868.70	5.351e-4	9.981e-3
cloaca development	GO:0035844	1	AHI1	1	10	1868.70	5.351e-4	9.981e-3
pronephric nephron tubule morphogenesis	GO:0039008	1	AHI1	1	10	1868.70	5.351e-4	9.981e-3
quinone catabolic process	GO:1901662	1	NQO2	1	10	1868.70	5.351e-4	9.981e-3
regulation of telomere maintenance via telomere lengthening	GO:1904356	1	TINF2	1	10	1868.70	5.351e-4	9.981e-3
mamillary axonal complex development	GO:0061373	1	ZEB2	1	10	1868.70	5.351e-4	9.981e-3
positive regulation of myofibroblast contraction	GO:1904330	1	ZEB2	1	10	1868.70	5.351e-4	9.981e-3