

GeDiPNet Cluster 122 -- 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: 2026-10-10 03:23:26. · Rows: 15 · Generated: 2026-10-10 06:06:06

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
response to inositol	GO:1902140	2	INPP5E, IFT80	4	27	346.06	1.204e-5	6.244e-4
establishment or maintenance of epithelial cell apical/basal polarity	GO:0045197	2	ILK, DLG3	29	27	47.73	7.968e-4	1.353e-2
cellular pigmentation	GO:0033059	1	POMC	1	27	692.11	1.445e-3	1.941e-2
positive regulation of oxytocin production	GO:0140668	1	POMC	1	27	692.11	1.445e-3	1.941e-2
negative regulation of prostaglandin secretion	GO:0032307	1	ACSL4	1	27	692.11	1.445e-3	1.941e-2
protein localization to ciliary inversin compartment	GO:1904108	1	INVS	1	27	692.11	1.445e-3	1.941e-2
post-embryonic forelimb morphogenesis	GO:0035128	1	ATRX	2	27	346.06	2.888e-3	2.865e-2
negative regulation of maintenance of mitotic sister chromatid cohesion, telomeric	GO:1904908	1	ATRX	2	27	346.06	2.888e-3	2.865e-2
neurotransmitter receptor transport postsynaptic membrane to endosome	GO:0098968	1	MKLN1	2	27	346.06	2.888e-3	2.865e-2
regulation of opioid receptor signaling pathway	GO:2000474	1	SYP	2	27	346.06	2.888e-3	2.865e-2
positive regulation of neutrophil mediated killing of fungus	GO:0070965	1	POMC	2	27	346.06	2.888e-3	2.865e-2
regulation of corticosterone secretion	GO:2000852	1	POMC	2	27	346.06	2.888e-3	2.865e-2
canonical NF-kappaB signal transduction	GO:0007249	2	HUWE1, IFT80	62	27	22.33	3.604e-3	3.213e-2
purine nucleoside metabolic process	GO:0042278	1	MACROD2	3	27	230.70	4.329e-3	3.511e-2
peptidyl-glutamate ADP-deribosylation	GO:0140291	1	MACROD2	3	27	230.70	4.329e-3	3.511e-2