

GeDiPNet Cluster 609 -- 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 23:18:21

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
inner ear development	GO:0048839	2	MPV17, PCDH15	54	5	138.42	8.151e-5	2.659e-3
regulation of mitochondrial DNA metabolic process	GO:1901858	1	MPV17	2	5	1868.70	5.351e-4	9.880e-3
sensory perception of sound	GO:0007605	2	PCDH15, UCN	162	5	46.14	7.342e-4	1.226e-2
membrane depolarization during bundle of His cell action potential	GO:0086048	1	CACNA2D1	3	5	1245.80	8.025e-4	1.283e-2
calcium ion transmembrane transport via high voltage-gated calcium channel	GO:0061577	1	CACNA2D1	3	5	1245.80	8.025e-4	1.283e-2
regulation of membrane repolarization during action potential	GO:0098903	1	CACNA2D1	3	5	1245.80	8.025e-4	1.283e-2
negative regulation of feeding behavior	GO:2000252	1	UCN	5	5	747.48	1.337e-3	1.709e-2
equilibrioception	GO:0050957	1	PCDH15	6	5	622.90	1.605e-3	1.885e-2
positive regulation of corticotropin secretion	GO:0051461	1	UCN	6	5	622.90	1.605e-3	1.885e-2
positive regulation of behavioral fear response	GO:2000987	1	UCN	7	5	533.91	1.872e-3	2.050e-2
positive regulation of cardiac muscle contraction	GO:0060452	1	UCN	9	5	415.27	2.406e-3	2.324e-2
negative regulation of cell size	GO:0045792	1	UCN	9	5	415.27	2.406e-3	2.324e-2
drinking behavior	GO:0042756	1	UCN	9	5	415.27	2.406e-3	2.324e-2
glomerular basement membrane development	GO:0032836	1	MPV17	10	5	373.74	2.673e-3	2.457e-2
negative regulation of hormone secretion	GO:0046888	1	UCN	10	5	373.74	2.673e-3	2.457e-2