

GeDiPNet Cluster 463 -- 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 22:48:38

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
negative regulation of type B pancreatic cell apoptotic process	GO:2000675	2	CAST, TCF7L2	6	102	61.07	4.363e-4	8.656e-3
negative regulation of endoplasmic reticulum calcium ion concentration	GO:0032471	2	BAK1, THADA	6	102	61.07	4.363e-4	8.656e-3
nitric oxide-cGMP-mediated signaling	GO:0038060	2	APOE, ATP2B4	10	102	36.64	1.290e-3	1.673e-2
regulation of Cdc42 protein signal transduction	GO:0032489	2	APOE, NRP1	12	102	30.53	1.879e-3	2.056e-2
positive regulation of membrane protein ectodomain proteolysis	GO:0051044	2	APOE, RGMA	17	102	21.55	3.804e-3	2.933e-2
regulation of dendrite development	GO:0050773	2	CAMK1D, DGKG	17	102	21.55	3.804e-3	2.933e-2
cellular response to unfolded protein	GO:0034620	2	BAK1, PACRG	18	102	20.36	4.264e-3	3.094e-2
actin filament capping	GO:0051693	2	CAPZA3, SPTB	19	102	19.28	4.749e-3	3.273e-2
lipid transport involved in lipid storage	GO:0010877	1	APOE	1	102	183.21	5.458e-3	3.471e-2
maintenance of location in cell	GO:0051651	1	APOE	1	102	183.21	5.458e-3	3.471e-2
intermediate-density lipoprotein particle clearance	GO:0071831	1	APOE	1	102	183.21	5.458e-3	3.471e-2
negative regulation of postsynaptic membrane organization	GO:1901627	1	APOE	1	102	183.21	5.458e-3	3.471e-2
negative regulation of phospholipid efflux	GO:1902999	1	APOE	1	102	183.21	5.458e-3	3.471e-2
negative regulation of lipid transport across blood-brain barrier	GO:1903001	1	APOE	1	102	183.21	5.458e-3	3.471e-2
positive regulation of lipid transport across blood-brain barrier	GO:1903002	1	APOE	1	102	183.21	5.458e-3	3.471e-2