

GeDiPNet Cluster 497 -- 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 23:18:44

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
response to thyroxine	GO:0097068	1	TOMM70	3	2	3114.50	3.211e-4	7.044e-3
intracellular amino acid homeostasis	GO:0080144	1	TPP2	3	2	3114.50	3.211e-4	7.044e-3
protein insertion into mitochondrial outer membrane	GO:0045040	1	TOMM70	12	2	778.63	1.284e-3	1.669e-2
mRNA transcription	GO:0009299	1	TOMM70	13	2	718.73	1.391e-3	1.753e-2
protein insertion into mitochondrial inner membrane	GO:0045039	1	TOMM70	13	2	718.73	1.391e-3	1.753e-2
negative regulation of cell growth involved in cardiac muscle cell development	GO:0061052	1	TOMM70	14	2	667.39	1.498e-3	1.821e-2
protein import into mitochondrial matrix	GO:0030150	1	TOMM70	24	2	389.31	2.567e-3	2.402e-2
protein targeting to mitochondrion	GO:0006626	1	TOMM70	29	2	322.19	3.101e-3	2.654e-2
positive regulation of defense response to virus by host	GO:0002230	1	TOMM70	32	2	291.98	3.422e-3	2.781e-2
positive regulation of protein targeting to mitochondrion	GO:1903955	1	TOMM70	33	2	283.14	3.529e-3	2.816e-2
activation of innate immune response	GO:0002218	1	TOMM70	37	2	252.53	3.956e-3	2.995e-2
positive regulation of interferon-beta production	GO:0032728	1	TOMM70	41	2	227.89	4.383e-3	3.145e-2
antiviral innate immune response	GO:0140374	1	TOMM70	79	2	118.27	8.437e-3	4.297e-2
cellular response to virus	GO:0098586	1	TOMM70	89	2	104.98	9.503e-3	4.548e-2
protein polyubiquitination	GO:0000209	1	TPP2	153	2	61.07	1.631e-2	5.908e-2