

GeDiPNet Cluster 653 -- 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: 2026-10-21 12:39:04. · Rows: 15 · Generated: 2026-10-21 08:33:19

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
iron-sulfur cluster assembly	GO:0016226	2	NFU1, BOLA3	27	12	115.35	1.315e-4	3.698e-3
regulation of deadenylation-dependent decapping of nuclear-transcribed mRNA	GO:0106288	1	CAPRIN1	1	12	1557.25	6.422e-4	1.089e-2
chromosome passenger complex localization to kinetochore	GO:0072356	1	RCC2	1	12	1557.25	6.422e-4	1.089e-2
regulation of protein import	GO:1904589	1	HSPA8	1	12	1557.25	6.422e-4	1.089e-2
chaperone-mediated autophagy translocation complex disassembly	GO:1904764	1	HSPA8	1	12	1557.25	6.422e-4	1.089e-2
regulation of supramolecular fiber organization	GO:1902903	1	HSPA8	2	12	778.63	1.284e-3	1.647e-2
response to lipoic acid	GO:1903442	1	BOLA3	2	12	778.63	1.284e-3	1.647e-2
regulation of cytoplasmic pattern recognition receptor signaling pathway	GO:0039531	1	HSPA8	2	12	778.63	1.284e-3	1.647e-2
negative regulation of supramolecular fiber organization	GO:1902904	1	HSPA8	2	12	778.63	1.284e-3	1.647e-2
positive regulation of attachment of spindle microtubules to kinetochore	GO:0051987	1	RCC2	3	12	519.08	1.925e-3	2.039e-2
protein targeting to lysosome involved in chaperone-mediated autophagy	GO:0061740	1	HSPA8	4	12	389.31	2.566e-3	2.380e-2
clathrin coat disassembly	GO:0072318	1	HSPA8	4	12	389.31	2.566e-3	2.380e-2
CD4-positive, alpha-beta T cell activation	GO:0035710	1	CDH26	4	12	389.31	2.566e-3	2.380e-2
protein maturation	GO:0051604	2	NFU1, BOLA3	134	12	23.24	3.214e-3	2.660e-2
positive regulation of stress granule assembly	GO:0062029	1	CAPRIN1	7	12	222.46	4.487e-3	3.141e-2