GeDiPNet Cluster 652 -- 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 08:33:18

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
nuclear envelope organization	GO:0006998	2	LMNA, ZMPSTE24	24	4	389.31	9.470e-6	5.086e-4
nucleus organization	GO:0006997	2	LMNA, ZMPSTE24	34	4	274.81	1.924e-5	8.756e-4
negative regulation of cation transmembrane transport	GO:1904063	1	MMP9	1	4	4671.75	2.141e-4	5.219e-3
negative regulation of epithelial cell differentiation involved in kidney development	GO:2000697	1	MMP9	1	4	4671.75	2.141e-4	5.219e-3
regulation of stress-activated protein kinase signaling cascade	GO:0070302	1	ZMPSTE24	1	4	4671.75	2.141e-4	5.219e-3
regulation of mitotic cell cycle DNA replication	GO:1903463	1	ZMPSTE24	1	4	4671.75	2.141e-4	5.219e-3
regulation of termination of RNA polymerase I transcription	GO:2000730	1	ZMPSTE24	1	4	4671.75	2.141e-4	5.219e-3
inflammatory cell apoptotic process	GO:0006925	1	ZMPSTE24	2	4	2335.88	4.281e-4	8.376e-3
DNA double-strand break attachment to nuclear envelope	GO:1990683	1	LMNA	2	4	2335.88	4.281e-4	8.376e-3
maintenance of rDNA	GO:0043007	1	ZMPSTE24	2	4	2335.88	4.281e-4	8.376e-3
response to DNA damage checkpoint signaling	GO:0072423	1	ZMPSTE24	2	4	2335.88	4.281e-4	8.376e-3
calcium ion import into sarcoplasmic reticulum	GO:1990036	1	ZMPSTE24	3	4	1557.25	6.421e-4	1.089e-2
negative regulation of miRNA processing	GO:1903799	1	ZMPSTE24	3	4	1557.25	6.421e-4	1.089e-2
regulation of fibroblast proliferation	GO:0048145	1	ZMPSTE24	3	4	1557.25	6.421e-4	1.089e-2
CAAX-box protein processing	GO:0071586	1	ZMPSTE24	3	4	1557.25	6.421e-4	1.089e-2