

GeDiPNet Cluster 474 -- 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: 8 · Generated: 2026-10-19 23:18:15

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
heart formation	GO:0060914	1	LEMD2	5	1	3737.40	2.676e-4	6.245e-3
nuclear membrane organization	GO:0071763	1	LEMD2	7	1	2669.57	3.746e-4	7.813e-3
nuclear envelope organization	GO:0006998	1	LEMD2	24	1	778.63	1.284e-3	1.669e-2
protein localization to chromatin	GO:0071168	1	LEMD2	31	1	602.81	1.659e-3	1.929e-2
skeletal muscle cell differentiation	GO:0035914	1	LEMD2	49	1	381.37	2.622e-3	2.435e-2
negative regulation of MAPK cascade	GO:0043409	1	LEMD2	64	1	291.98	3.425e-3	2.781e-2
negative regulation of phosphatidylinositol 3-kinase/protein kinase B signal transduction	GO:0051898	1	LEMD2	78	1	239.58	4.174e-3	3.062e-2
neurogenesis	GO:0022008	1	LEMD2	102	1	183.21	5.458e-3	3.471e-2