

GeDiPNet Cluster 290 -- Enriched Pathways

Pathway enrichment: KEGG + Reactome, upper-tail hypergeometric test, Benjamini-Hochberg FDR-corrected. Fold enrichment = (overlap / cluster gene count) / (pathway gene count / universe size). Top 15 pathways per cluster by q-value. See [scripts/build_cluster_enrichment.php](#) on [gedipnet.bicnirrh.res.in](#). Data as of: 2026-10-07 03:30:09. · Rows: 3 · Generated: 2026-10-07 01:33:34

Pathway	Source	Overlap Genes	Overlap Gene Names	Pathway Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
MicroRNA (miRNA) biogenesis	Reactome	1	DGCR8	24	6	83.40	1.193e-2	7.605e-2
Surfactant metabolism	Reactome	1	GATA6	29	6	69.02	1.440e-2	8.517e-2
Factors involved in megakaryocyte development and platelet production	Reactome	1	GATA6	99	6	20.22	4.846e-2	1.686e-1