

GeDiPNet Cluster 208 -- 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: 2026-10-08 03:30:07. · Rows: 4 · Generated: 2026-10-08 00:48:24

Pathway	Source	Overlap Genes	Overlap Gene Names	Pathway Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
The retinoid cycle in cones (daylight vision)	Reactome	3	OPN1SW, OPN1MW, OPN1MW2	8	5	900.75	1.939e-9	1.945e-7
Opsins	Reactome	3	OPN1SW, OPN1MW, OPN1MW2	10	5	720.60	4.154e-9	3.886e-7
Retinoid cycle disease events	Reactome	3	OPN1SW, OPN1MW, OPN1MW2	13	5	554.31	9.896e-9	8.376e-7
G alpha (i) signalling events	Reactome	3	OPN1SW, OPN1MW, OPN1MW2	249	5	28.94	8.539e-5	1.993e-3