

GeDiPNet Cluster 134 -- 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: 2026-10-10 03:23:27. · Rows: 15 · Generated: 2026-10-10 06:04:56

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
heparan sulfate proteoglycan catabolic process	GO:0030200	8	IDUA, IDS, GNS, HGSNAT, NAGLU, SGSH, GLB1, GUSB	10	22	679.53	3.902e-23	9.854e-20
glycosaminoglycan catabolic process	GO:0006027	6	HYAL1, IDUA, IDS, GNS, SGSH, GUSB	9	22	566.27	1.058e-16	9.976e-14
keratan sulfate proteoglycan catabolic process	GO:0042340	2	GNS, GLB1	2	22	849.41	1.323e-6	1.065e-4
chondroitin sulfate proteoglycan catabolic process	GO:0030207	2	HYAL1, GUSB	4	22	424.70	7.927e-6	4.504e-4
dermatan sulfate proteoglycan catabolic process	GO:0030209	2	IDUA, IDS	4	22	424.70	7.927e-6	4.504e-4
carbohydrate metabolic process	GO:0005975	4	HYAL1, IDUA, GLB1, GUSB	175	22	19.42	4.765e-5	1.796e-3
lysosome organization	GO:0007040	3	NAGLU, ARSB, GNPTAB	65	22	39.20	5.900e-5	2.104e-3
oxalate transport	GO:0019532	2	SLC26A1, SLC26A11	11	22	154.44	7.230e-5	2.457e-3
glycosaminoglycan metabolic process	GO:0030203	2	GNS, NAGLU	12	22	141.57	8.670e-5	2.822e-3
hyaluronan catabolic process	GO:0030214	2	HYAL1, GUSB	16	22	106.18	1.572e-4	4.376e-3
sulfate transmembrane transport	GO:1902358	2	SLC26A1, SLC26A11	16	22	106.18	1.572e-4	4.376e-3
vesicle tethering	GO:0099022	2	NAGLU, TRAPPC2L	16	22	106.18	1.572e-4	4.376e-3
lysosomal transport	GO:0007041	2	HGSNAT, ARSB	26	22	65.34	4.227e-4	8.839e-3
motor behavior	GO:0061744	2	NAGLU, SGSH	30	22	56.63	5.642e-4	1.071e-2
determination of adult lifespan	GO:0008340	2	NAGLU, SGSH	38	22	44.71	9.065e-4	1.471e-2