

GeDiPNet Cluster 618 -- 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: 15 · Generated: 2026-10-20 00:01:11

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
sphingolipid metabolic process	GO:0006665	2	PSAP, GALC	59	3	211.15	2.934e-5	1.230e-3
positive regulation of beta-galactosidase activity	GO:1903771	1	PSAP	1	3	6229.00	1.605e-4	4.340e-3
ganglioside GM1 transport to membrane	GO:1905572	1	PSAP	1	3	6229.00	1.605e-4	4.340e-3
galactosylceramide catabolic process	GO:0006683	1	GALC	2	3	3114.50	3.211e-4	7.044e-3
epithelial cell differentiation involved in prostate gland development	GO:0060742	1	PSAP	5	3	1245.80	8.025e-4	1.283e-2
equilibrioception	GO:0050957	1	CDH23	6	3	1038.17	9.630e-4	1.423e-2
prostate gland growth	GO:0060736	1	PSAP	8	3	778.63	1.284e-3	1.669e-2
glycosphingolipid catabolic process	GO:0046479	1	GALC	12	3	519.08	1.925e-3	2.069e-2
sensory perception of light stimulus	GO:0050953	1	CDH23	13	3	479.15	2.086e-3	2.170e-2
cell-cell adhesion via plasma-membrane adhesion molecules	GO:0098742	1	CDH23	18	3	346.06	2.887e-3	2.555e-2
inner ear auditory receptor cell differentiation	GO:0042491	1	CDH23	19	3	327.84	3.047e-3	2.623e-2
auditory receptor cell stereocilium organization	GO:0060088	1	CDH23	19	3	327.84	3.047e-3	2.623e-2
inner ear receptor cell stereocilium organization	GO:0060122	1	CDH23	25	3	249.16	4.008e-3	3.008e-2
lysosomal transport	GO:0007041	1	PSAP	26	3	239.58	4.168e-3	3.062e-2
cochlea development	GO:0090102	1	CDH23	35	3	177.97	5.609e-3	3.510e-2