

GeDiPNet Cluster 498 -- 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: 2026-10-19 23:18:26

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
iodide transport	GO:0015705	2	SLC26A4, SLC5A5	8	5	934.35	1.603e-6	1.267e-4
thyroid hormone generation	GO:0006590	2	SLC5A5, DUOX2	16	5	467.18	6.863e-6	4.055e-4
prolactin secreting cell differentiation	GO:0060127	1	LHX3	2	5	1868.70	5.351e-4	9.880e-3
medial motor column neuron differentiation	GO:0021526	1	LHX3	2	5	1868.70	5.351e-4	9.880e-3
iodide transmembrane transport	GO:1904200	1	SLC5A5	2	5	1868.70	5.351e-4	9.880e-3
cellular response to Thyroid stimulating hormone	GO:1904401	1	SLC5A5	2	5	1868.70	5.351e-4	9.880e-3
cuticle development	GO:0042335	1	DUOX2	3	5	1245.80	8.025e-4	1.283e-2
ventral spinal cord interneuron specification	GO:0021521	1	LHX3	4	5	934.35	1.070e-3	1.514e-2
somatotropin secreting cell differentiation	GO:0060126	1	LHX3	4	5	934.35	1.070e-3	1.514e-2
thyroid-stimulating hormone-secreting cell differentiation	GO:0060129	1	LHX3	6	5	622.90	1.605e-3	1.885e-2
cellular response to gonadotropin stimulus	GO:0071371	1	SLC5A5	7	5	533.91	1.872e-3	2.050e-2
spinal cord motor neuron cell fate specification	GO:0021520	1	LHX3	8	5	467.18	2.139e-3	2.189e-2
hydrogen peroxide biosynthetic process	GO:0050665	1	DUOX2	11	5	339.76	2.940e-3	2.584e-2
oxalate transport	GO:0019532	1	SLC26A4	11	5	339.76	2.940e-3	2.584e-2
hormone biosynthetic process	GO:0042446	1	DUOX2	12	5	311.45	3.207e-3	2.689e-2