

GeDiPNet Cluster 42 -- 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: 2026-10-07 03:23:06. · Rows: 15 · Generated: 2026-10-07 14:13:39

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
positive regulation of gene expression	GO:0010628	6	ATM, CEBPB, SLC26A9, ACTG2, HFE, ERBB3	504	28	7.95	8.491e-5	2.678e-3
oxalate transport	GO:0019532	2	SLC26A9, SLC26A3	11	28	121.34	1.181e-4	3.430e-3
collagen fibril organization	GO:0030199	3	ADAMTS19, COL1A2, COL11A2	65	28	30.80	1.237e-4	3.547e-3
sulfate transmembrane transport	GO:1902358	2	SLC26A9, SLC26A3	16	28	83.42	2.565e-4	6.021e-3
monoatomic anion transport	GO:0006820	2	SLC26A9, SLC26A3	19	28	70.25	3.644e-4	7.664e-3
signal transduction in response to DNA damage	GO:0042770	2	ATM, MAP3K7	21	28	63.56	4.467e-4	8.864e-3
extrinsic apoptotic signaling pathway in absence of ligand	GO:0097192	2	EYA1, ERBB3	36	28	37.08	1.322e-3	1.788e-2
otic vesicle morphogenesis	GO:0071600	1	EYA1	1	28	667.39	1.498e-3	1.912e-2
regulation of membrane repolarization during atrial cardiac muscle cell action potential	GO:1905000	1	FLNA	1	28	667.39	1.498e-3	1.912e-2
regulation of membrane repolarization during cardiac muscle cell action potential	GO:1905031	1	FLNA	1	28	667.39	1.498e-3	1.912e-2
negative regulation of antigen processing and presentation of endogenous peptide antigen via MHC class I	GO:1904283	1	HFE	1	28	667.39	1.498e-3	1.912e-2
protein heterotrimerization	GO:0070208	1	COL1A2	1	28	667.39	1.498e-3	1.912e-2
sensory perception of sound	GO:0007605	3	COL11A2, EYA1, GJB2	162	28	12.36	1.787e-3	2.128e-2
mitotic spindle assembly	GO:0090307	2	FLNA, OFD1	46	28	29.02	2.151e-3	2.352e-2
ovarian follicle development	GO:0001541	2	ATM, CEBPB	47	28	28.40	2.245e-3	2.412e-2