

GeDiPNet Cluster 172 -- 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: 2026-10-09 03:23:08. · Rows: 15 · Generated: 2026-10-08 23:55:41

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
oxalate transport	GO:0019532	2	SLC26A3, SLC26A9	11	22	154.44	7.230e-5	2.379e-3
sulfate transmembrane transport	GO:1902358	2	SLC26A3, SLC26A9	16	22	106.18	1.572e-4	4.257e-3
monoatomic anion transport	GO:0006820	2	SLC26A3, SLC26A9	19	22	89.41	2.235e-4	5.448e-3
positive regulation of gene expression	GO:0010628	5	CEBPB, SLC26A9, ACTG2, HFE, ERBB3	504	22	8.43	2.519e-4	5.948e-3
regulation of membrane repolarization during atrial cardiac muscle cell action potential	GO:1905000	1	FLNA	1	22	849.41	1.177e-3	1.673e-2
regulation of membrane repolarization during cardiac muscle cell action potential	GO:1905031	1	FLNA	1	22	849.41	1.177e-3	1.673e-2
negative regulation of antigen processing and presentation of endogenous peptide antigen via MHC class I	GO:1904283	1	HFE	1	22	849.41	1.177e-3	1.673e-2
positive regulation of cardiac muscle tissue development	GO:0055025	1	ERBB3	2	22	424.70	2.353e-3	2.517e-2
regulation of iron ion transport	GO:0034756	1	HFE	2	22	424.70	2.353e-3	2.517e-2
regulation of T cell mediated immunity	GO:0002709	1	HFE	2	22	424.70	2.353e-3	2.517e-2
beta-alanine transport	GO:0001762	1	SLC6A14	2	22	424.70	2.353e-3	2.517e-2
vesicle localization	GO:0051648	1	MYO1A	2	22	424.70	2.353e-3	2.517e-2
aromatic amino acid transport	GO:0015801	1	SLC6A14	2	22	424.70	2.353e-3	2.517e-2
granuloma formation	GO:0002432	1	CEBPB	2	22	424.70	2.353e-3	2.517e-2
pyrimidine nucleobase metabolic process	GO:0006206	1	TYMP	2	22	424.70	2.353e-3	2.517e-2