

GeDiPNet Cluster 629 -- 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 23:18:38

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 cell volume	GO:0045795	1	SLC12A2	1	2	9343.50	1.070e-4	3.249e-3
positive regulation of aspartate secretion	GO:1904450	1	SLC12A2	2	2	4671.75	2.140e-4	5.314e-3
inorganic cation import across plasma membrane	GO:0098659	1	SLC12A2	2	2	4671.75	2.140e-4	5.314e-3
inorganic anion import across plasma membrane	GO:0098658	1	SLC12A2	2	2	4671.75	2.140e-4	5.314e-3
regulation of matrix metallopeptidase secretion	GO:1904464	1	SLC12A2	2	2	4671.75	2.140e-4	5.314e-3
regulation of spontaneous synaptic transmission	GO:0150003	1	SLC12A2	4	2	2335.88	4.281e-4	8.531e-3
transepithelial ammonium transport	GO:0070634	1	SLC12A2	4	2	2335.88	4.281e-4	8.531e-3
negative regulation of D-glucose transmembrane transport	GO:0010829	1	PTPRM	7	2	1334.79	7.491e-4	1.230e-2
positive regulation of D-glucose transmembrane transport	GO:0010828	1	PTPRM	8	2	1167.94	8.560e-4	1.331e-2
hyperosmotic response	GO:0006972	1	SLC12A2	8	2	1167.94	8.560e-4	1.331e-2
negative regulation of vascular wound healing	GO:0061044	1	SLC12A2	8	2	1167.94	8.560e-4	1.331e-2
transepithelial chloride transport	GO:0030321	1	SLC12A2	9	2	1038.17	9.630e-4	1.423e-2
intracellular chloride ion homeostasis	GO:0030644	1	SLC12A2	10	2	934.35	1.070e-3	1.514e-2
ammonium transmembrane transport	GO:0072488	1	SLC12A2	11	2	849.41	1.177e-3	1.592e-2
chloride ion homeostasis	GO:0055064	1	SLC12A2	13	2	718.73	1.391e-3	1.753e-2