

GeDiPNet Cluster 269 -- 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: 2026-10-08 03:23:04. · Rows: 15 · Generated: 2026-10-08 06:38:05

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
multicellular organismal-level water homeostasis	GO:0050891	4	CFTR, SCNN1B, SCNN1A, SCNN1G	12	27	230.70	1.697e-9	3.500e-7
regulation of blood pressure	GO:0008217	6	SCNN1B, SCNN1A, SCNN1G, REN, WNK1, WNK4	83	27	50.03	1.755e-9	3.603e-7
sensory perception of salty taste	GO:0050914	3	SCNN1B, SCNN1A, SCNN1G	4	27	519.08	1.075e-8	1.780e-6
cellular response to acidic pH	GO:0071468	4	SCNN1B, SCNN1A, SCNN1G, GNAS	22	27	125.84	2.483e-8	3.711e-6
cellular response to aldosterone	GO:1904045	3	SCNN1B, SCNN1A, SCNN1G	7	27	296.62	9.378e-8	1.155e-5
cellular response to vasopressin	GO:1904117	3	SCNN1B, SCNN1A, SCNN1G	8	27	259.54	1.499e-7	1.728e-5
sensory perception of sour taste	GO:0050915	3	SCNN1B, SCNN1A, SCNN1G	9	27	230.70	2.246e-7	2.431e-5
sodium ion transmembrane transport	GO:0035725	5	SCNN1B, SCNN1A, SCNN1G, WNK1, WNK4	134	27	25.83	1.251e-6	1.003e-4
distal tubule morphogenesis	GO:0072156	2	KLHL3, WNK4	2	27	692.11	2.010e-6	1.474e-4
sodium ion homeostasis	GO:0055078	3	SCNN1B, SCNN1A, SCNN1G	20	27	103.82	3.017e-6	2.045e-4
renal sodium ion absorption	GO:0070294	3	CUL3, KLHL3, WNK4	21	27	98.87	3.516e-6	2.310e-4
potassium ion homeostasis	GO:0055075	3	SCNN1B, KLHL3, WNK1	21	27	98.87	3.516e-6	2.310e-4
intracellular sodium ion homeostasis	GO:0006883	3	SCNN1B, SCNN1A, SCNN1G	22	27	94.38	4.067e-6	2.595e-4
sodium ion import across plasma membrane	GO:0098719	3	SCNN1B, SCNN1A, SCNN1G	28	27	74.15	8.602e-6	4.728e-4
negative regulation of sodium ion transport	GO:0010766	2	WNK1, WNK4	5	27	276.84	2.005e-5	9.136e-4