

GeDiPNet Cluster 325 -- 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: 2026-10-07 22:20:26

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
bile acid and bile salt transport	GO:0015721	5	ATP8B1, ABCB11, NR1H4, SLC10A1, SLC51A	26	34	105.70	9.385e-10	2.053e-7
lipid transport	GO:0006869	7	ATP8B1, ABCB11, ABCB4, ABCB1, ABCG8, SLC10A1, SLC51A	189	34	20.36	4.136e-8	5.760e-6
triglyceride homeostasis	GO:0070328	4	ABCG8, GCKR, HNF4A, NR1H4	38	34	57.85	6.451e-7	5.838e-5
cholesterol homeostasis	GO:0042632	5	ABCB11, ABCG8, CYP7A1, HNF4A, NR1H4	112	34	24.54	1.712e-6	1.294e-4
bile acid metabolic process	GO:0008206	3	ATP8B1, ABCB11, NR1H4	17	34	96.99	3.677e-6	2.393e-4
ceramide translocation	GO:0099040	2	ABCB4, ABCB1	3	34	366.41	9.629e-6	5.157e-4
response to nutrient levels	GO:0031667	4	ABCB1, ABCG8, SLC10A1, TNF	79	34	27.83	1.246e-5	6.274e-4
phospholipid translocation	GO:0045332	3	ATP8B1, ABCB4, ABCB1	27	34	61.07	1.562e-5	7.514e-4
bile acid biosynthetic process	GO:0006699	3	ABCB11, HSD3B7, CYP7A1	27	34	61.07	1.562e-5	7.514e-4
cellular response to bile acid	GO:1903413	2	ABCB4, NR1H4	4	34	274.81	1.924e-5	8.837e-4
regulation of chloride transport	GO:2001225	2	ATP8B1, ABCB1	4	34	274.81	1.924e-5	8.837e-4
regulation of bile acid biosynthetic process	GO:0070857	2	CYP7A1, NR1H4	5	34	219.85	3.202e-5	1.301e-3
response to ethanol	GO:0045471	4	CYP7A1, SLC10A1, TNF, VCAM1	110	34	19.99	4.600e-5	1.723e-3
bile acid secretion	GO:0032782	2	ABCB4, SLC51A	6	34	183.21	4.798e-5	1.772e-3
xenobiotic metabolic process	GO:0006805	4	ABCB11, ABCB1, HNF4A, SULT2A1	120	34	18.32	6.462e-5	2.226e-3