

GeDiPNet Cluster 387 -- 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 09:49:45

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
bile acid biosynthetic process	GO:0006699	6	AMACR, HSD3B7, AKR1D1, CYP7B1, ABCD3, ACOX2	27	6	692.11	5.009e-18	6.042e-15
B cell chemotaxis	GO:0035754	2	HSD3B7, CYP7B1	6	6	1038.17	1.288e-6	1.014e-4
fatty acid beta-oxidation using acyl-CoA oxidase	GO:0033540	2	AMACR, ACOX2	14	6	444.93	7.805e-6	4.294e-4
very long-chain fatty acid metabolic process	GO:0000038	2	ABCD3, ACOX2	22	6	283.14	1.979e-5	8.901e-4
lipid metabolic process	GO:0006629	4	HSD3B7, AKR1D1, CYP7B1, ACOX2	840	6	14.83	5.655e-5	1.972e-3
fatty acid beta-oxidation	GO:0006635	2	ABCD3, ACOX2	48	6	129.77	9.628e-5	2.938e-3
steroid biosynthetic process	GO:0006694	2	HSD3B7, CYP7B1	65	6	95.83	1.771e-4	4.639e-3
phytanic acid metabolic process	GO:1903512	1	ABCD3	2	6	1557.25	6.421e-4	1.127e-2
bile acid catabolic process	GO:0030573	1	AKR1D1	2	6	1557.25	6.421e-4	1.127e-2
steroid metabolic process	GO:0008202	2	AKR1D1, CYP7B1	135	6	46.14	7.625e-4	1.264e-2
long-chain fatty acid import into peroxisome	GO:0015910	1	ABCD3	4	6	778.63	1.284e-3	1.747e-2
fatty acid metabolic process	GO:0006631	2	AMACR, ACOX2	211	6	29.52	1.847e-3	2.173e-2
very long-chain fatty acid catabolic process	GO:0042760	1	ABCD3	6	6	519.08	1.925e-3	2.203e-2
C21-steroid hormone metabolic process	GO:0008207	1	AKR1D1	7	6	444.93	2.246e-3	2.412e-2
cholesterol catabolic process	GO:0006707	1	AKR1D1	9	6	346.06	2.887e-3	2.764e-2