

GeDiPNet Cluster 485 -- 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: 2026-10-20 00:01:17

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
mitochondrial translation	GO:0032543	4	LARS2, HARS2, DAP3, MRPL49	93	14	57.41	5.539e-7	5.301e-5
translation	GO:0006412	4	LARS2, HARS2, MRPL49, RMND1	310	14	17.22	6.520e-5	2.249e-3
tRNA aminoacylation for protein translation	GO:0006418	2	LARS2, HARS2	36	14	74.15	3.236e-4	7.079e-3
very long-chain fatty-acyl-CoA metabolic process	GO:0036111	1	HSD17B4	1	14	1334.79	7.492e-4	1.230e-2
geranylgeranyl diphosphate biosynthetic process	GO:0033386	1	GGPS1	1	14	1334.79	7.492e-4	1.230e-2
activation of protein kinase A activity	GO:0034199	1	FBN1	2	14	667.39	1.498e-3	1.821e-2
leucyl-tRNA aminoacylation	GO:0006429	1	LARS2	2	14	667.39	1.498e-3	1.821e-2
histidyl-tRNA aminoacylation	GO:0006427	1	HARS2	2	14	667.39	1.498e-3	1.821e-2
medium-chain fatty-acyl-CoA metabolic process	GO:0036112	1	HSD17B4	2	14	667.39	1.498e-3	1.821e-2
geranyl diphosphate biosynthetic process	GO:0033384	1	GGPS1	2	14	667.39	1.498e-3	1.821e-2
farnesyl diphosphate biosynthetic process	GO:0045337	1	GGPS1	2	14	667.39	1.498e-3	1.821e-2
post-embryonic eye morphogenesis	GO:0048050	1	FBN1	3	14	444.93	2.246e-3	2.244e-2
mitochondrial tRNA 5'-end processing	GO:0097745	1	PRORP	3	14	444.93	2.246e-3	2.244e-2
positive regulation of appetite	GO:0032100	1	FBN1	4	14	333.70	2.994e-3	2.594e-2
sequestering of BMP in extracellular matrix	GO:0035582	1	FBN1	4	14	333.70	2.994e-3	2.594e-2