

GeDiPNet Cluster 587 -- 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 00:00:47

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
lipid homeostasis	GO:0055088	2	PNPLA3, TM6SF2	55	7	97.08	1.769e-4	4.657e-3
triglyceride acyl-chain remodeling	GO:0036153	1	PNPLA3	1	7	2669.57	3.746e-4	7.813e-3
cellular response to 3,3',5-triiodo-L-thyronine	GO:1905243	1	PNPLA3	2	7	1334.79	7.491e-4	1.230e-2
acylglycerol acyl-chain remodeling	GO:0036155	1	PNPLA3	4	7	667.39	1.498e-3	1.821e-2
response to sucrose	GO:0009744	1	PNPLA3	5	7	533.91	1.872e-3	2.050e-2
hormone-mediated apoptotic signaling pathway	GO:0008628	1	SST	5	7	533.91	1.872e-3	2.050e-2
somatostatin signaling pathway	GO:0038170	1	SST	6	7	444.93	2.246e-3	2.244e-2
hyperosmotic response	GO:0006972	1	SST	8	7	333.70	2.993e-3	2.594e-2
T-helper 2 cell differentiation	GO:0045064	1	MEN1	9	7	296.62	3.367e-3	2.763e-2
negative regulation of cyclin-dependent protein serine/threonine kinase activity	GO:0045736	1	MEN1	9	7	296.62	3.367e-3	2.763e-2
response to acidic pH	GO:0010447	1	SST	12	7	222.46	4.487e-3	3.173e-2
glycerophospholipid metabolic process	GO:0006650	1	PNPLA3	15	7	177.97	5.606e-3	3.510e-2
osteoblast development	GO:0002076	1	MEN1	16	7	166.85	5.979e-3	3.617e-2
B cell activation involved in immune response	GO:0002312	1	IFNA1	17	7	157.03	6.352e-3	3.733e-2
lipid droplet organization	GO:0034389	1	PNPLA3	18	7	148.31	6.724e-3	3.838e-2