

GeDiPNet Cluster 472 -- 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 00:01:16

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
pancreas development	GO:0031016	4	PTF1A, GATA6, PDX1, ZNF808	30	6	415.27	8.075e-11	2.517e-8
exocrine pancreas development	GO:0031017	2	PTF1A, PDX1	10	6	622.90	3.862e-6	2.572e-4
type B pancreatic cell differentiation	GO:0003309	2	GATA6, PDX1	10	6	622.90	3.862e-6	2.572e-4
cell differentiation	GO:0030154	4	PTF1A, GATA6, PDX1, ZNF808	1051	6	11.85	1.362e-4	3.852e-3
stem cell differentiation	GO:0048863	2	GATA6, PDX1	63	6	98.87	1.663e-4	4.445e-3
regulation of gene expression	GO:0010468	3	GATA6, PDX1, ZNF808	402	6	23.24	1.883e-4	4.879e-3
cell fate commitment	GO:0045165	2	PTF1A, GATA6	75	6	83.05	2.359e-4	5.698e-3
liver development	GO:0001889	2	GATA6, PDX1	87	6	71.60	3.175e-4	7.044e-3
negative regulation of transforming growth factor beta2 production	GO:0032912	1	GATA6	1	6	3114.50	3.211e-4	7.044e-3
negative regulation of sebum secreting cell proliferation	GO:1904003	1	GATA6	1	6	3114.50	3.211e-4	7.044e-3
cellular response to acadesine	GO:1904102	1	PDX1	1	6	3114.50	3.211e-4	7.044e-3
regulation of DNA-templated transcription	GO:0006355	4	PTF1A, GATA6, PDX1, ZNF808	1454	6	8.57	4.819e-4	9.245e-3
regulation of antimicrobial humoral response	GO:0002759	1	GATA6	2	6	1557.25	6.421e-4	1.113e-2
response to chlorate	GO:0010157	1	PDX1	2	6	1557.25	6.421e-4	1.113e-2
sebaceous gland cell differentiation	GO:0001949	1	GATA6	2	6	1557.25	6.421e-4	1.113e-2