

GeDiPNet Cluster 256 -- 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 13:20:00

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
negative regulation of fatty acid metabolic process	GO:0045922	9	UGT1A10, UGT1A3, UGT1A4, UGT1A6, UGT1A7, UGT1A8, UGT1A9, UGT1A1, NCOR1	11	26	588.05	2.245e-25	7.408e-22
xenobiotic metabolic process	GO:0006805	11	SLCO1B1, UGT1A10, UGT1A3, UGT1A4, UGT1A6, UGT1A7, UGT1A8, UGT1A9, UGT1A1, ABCC2, SLCO1B3	120	26	65.88	3.414e-18	4.190e-15
flavone metabolic process	GO:0051552	5	UGT1A10, UGT1A7, UGT1A8, UGT1A9, UGT1A1	5	26	718.73	3.466e-15	2.489e-12
flavonoid metabolic process	GO:0009812	5	UGT1A3, UGT1A7, UGT1A8, UGT1A9, UGT1A1	12	26	299.47	2.727e-12	1.142e-9
retinoic acid metabolic process	GO:0042573	5	UGT1A3, UGT1A7, UGT1A8, UGT1A9, UGT1A1	25	26	143.75	1.807e-10	4.900e-8
heme catabolic process	GO:0042167	4	SLCO1B1, UGT1A4, ABCC2, SLCO1B3	11	26	261.36	9.649e-10	2.172e-7
liver development	GO:0001889	6	UGT1A10, UGT1A7, UGT1A8, UGT1A9, HGF, SOD2	87	26	49.57	1.826e-9	3.816e-7
steroid metabolic process	GO:0008202	5	UGT1A3, UGT1A4, UGT1A5, UGT1A8, UGT1A1	135	26	26.62	1.064e-6	8.713e-5
bilirubin conjugation	GO:0006789	2	UGT1A4, UGT1A1	2	26	718.73	1.861e-6	1.359e-4
vitamin D3 metabolic process	GO:0070640	2	UGT1A3, UGT1A4	3	26	479.15	5.580e-6	3.275e-4
toxin catabolic process	GO:0009407	2	UGT1A10, UGT1A7	3	26	479.15	5.580e-6	3.275e-4
negative regulation of steroid metabolic process	GO:0045939	2	UGT1A8, UGT1A1	3	26	479.15	5.580e-6	3.275e-4
bile acid and bile salt transport	GO:0015721	3	SLCO1B1, ABCC2, SLCO1B3	26	26	82.93	6.086e-6	3.509e-4
estrogen metabolic process	GO:0008210	3	UGT1A3, UGT1A7, UGT1A1	30	26	71.87	9.468e-6	5.007e-4
response to isolation stress	GO:0035900	2	SOD2, TNF	4	26	359.37	1.115e-5	5.663e-4