

GeDiPNet Cluster 526 -- 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 00:01:26

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
retinoid metabolic process	GO:0001523	2	ADH5, ADH1B	38	9	109.28	1.437e-4	4.005e-3
nitroglycerin metabolic process	GO:0018937	1	ALDH2	1	9	2076.33	4.816e-4	9.241e-3
regulation of dopamine biosynthetic process	GO:1903179	1	ALDH2	1	9	2076.33	4.816e-4	9.241e-3
regulation of serotonin biosynthetic process	GO:1905627	1	ALDH2	1	9	2076.33	4.816e-4	9.241e-3
ethanol metabolic process	GO:0006067	1	ALDH2	2	9	1038.17	9.630e-4	1.423e-2
formaldehyde catabolic process	GO:0046294	1	ADH5	3	9	692.11	1.444e-3	1.794e-2
aldehyde catabolic process	GO:0046185	1	ALDH2	3	9	692.11	1.444e-3	1.794e-2
response to nitrosative stress	GO:0051409	1	ADH5	4	9	519.08	1.925e-3	2.069e-2
regulation of T-helper cell differentiation	GO:0045622	1	IRF4	5	9	415.27	2.406e-3	2.324e-2
fatty acid omega-oxidation	GO:0010430	1	ADH5	6	9	346.06	2.887e-3	2.555e-2
cellular detoxification of aldehyde	GO:0110095	1	ALDH2	7	9	296.62	3.367e-3	2.763e-2
positive regulation of feeding behavior	GO:2000253	1	MC1R	8	9	259.54	3.847e-3	2.937e-2
response to redox state	GO:0051775	1	ADH5	11	9	188.76	5.286e-3	3.427e-2
UV-damage excision repair	GO:0070914	1	MC1R	11	9	188.76	5.286e-3	3.427e-2
UV protection	GO:0009650	1	MC1R	12	9	173.03	5.766e-3	3.561e-2