

GeDiPNet Cluster 604 -- 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 00:01:09

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
positive regulation of hepatic stellate cell proliferation	GO:1904899	1	DDR2	2	6	1557.25	6.421e-4	1.113e-2
TRAM-dependent toll-like receptor 4 signaling pathway	GO:0035669	1	RAB11FIP2	3	6	1038.17	9.630e-4	1.423e-2
positive regulation of hepatic stellate cell activation	GO:2000491	1	DDR2	5	6	622.90	1.605e-3	1.885e-2
regulation of extracellular matrix disassembly	GO:0010715	1	DDR2	5	6	622.90	1.605e-3	1.885e-2
regulation of tissue remodeling	GO:0034103	1	DDR2	6	6	519.08	1.925e-3	2.069e-2
negative regulation of hydrogen peroxide-mediated programmed cell death	GO:1901299	1	DDR2	6	6	519.08	1.925e-3	2.069e-2
endochondral bone growth	GO:0003416	1	DDR2	10	6	311.45	3.207e-3	2.689e-2
positive regulation of extracellular matrix disassembly	GO:0090091	1	DDR2	11	6	283.14	3.527e-3	2.816e-2
collagen-activated tyrosine kinase receptor signaling pathway	GO:0038063	1	DDR2	12	6	259.54	3.847e-3	2.937e-2
single strand break repair	GO:0000012	1	TDP1	12	6	259.54	3.847e-3	2.937e-2
insulin secretion involved in cellular response to glucose stimulus	GO:0035773	1	RAB11FIP2	12	6	259.54	3.847e-3	2.937e-2
positive regulation of fibroblast migration	GO:0010763	1	DDR2	14	6	222.46	4.487e-3	3.173e-2
chondrocyte proliferation	GO:0035988	1	DDR2	15	6	207.63	4.807e-3	3.273e-2
P-body assembly	GO:0033962	1	LSM3	16	6	194.66	5.127e-3	3.369e-2
cellular response to angiotensin	GO:1904385	1	DDR2	16	6	194.66	5.127e-3	3.369e-2