

GeDiPNet Cluster 467 -- 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 00:01:22

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
skin morphogenesis	GO:0043589	2	COL1A1, COL1A2	13	4	718.73	2.678e-6	1.916e-4
cellular response to amino acid stimulus	GO:0071230	2	COL1A1, COL1A2	64	4	145.99	6.898e-5	2.343e-3
collagen fibril organization	GO:0030199	2	COL1A1, COL1A2	65	4	143.75	7.116e-5	2.399e-3
blood vessel development	GO:0001568	2	COL1A1, COL1A2	70	4	133.48	8.259e-5	2.687e-3
animal organ development	GO:0048513	2	COL1A1, COL1A2	102	4	91.60	1.758e-4	4.631e-3
globoside biosynthetic process	GO:0001576	1	A4GALT	1	4	4671.75	2.141e-4	5.314e-3
cellular response to vitamin E	GO:0071306	1	COL1A1	1	4	4671.75	2.141e-4	5.314e-3
protein heterotrimerization	GO:0070208	1	COL1A2	1	4	4671.75	2.141e-4	5.314e-3
skeletal system development	GO:0001501	2	COL1A1, COL1A2	151	4	61.88	3.851e-4	7.961e-3
cellular response to fluoride	GO:1902618	1	COL1A1	2	4	2335.88	4.281e-4	8.531e-3
tooth mineralization	GO:0034505	1	COL1A1	3	4	1557.25	6.421e-4	1.113e-2
response to fluoride	GO:1902617	1	COL1A1	4	4	1167.94	8.560e-4	1.331e-2
intramembranous ossification	GO:0001957	1	COL1A1	6	4	778.63	1.284e-3	1.669e-2
bone trabecula formation	GO:0060346	1	COL1A1	8	4	583.97	1.711e-3	1.958e-2
neutrophil differentiation	GO:0030223	1	LBR	8	4	583.97	1.711e-3	1.958e-2