

GeDiPNet Cluster 186 -- 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: 2026-10-08 03:23:04. · Rows: 15 · Generated: 2026-10-08 09:56:57

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
chondrocyte differentiation	GO:0002062	2	SLC26A2, COL2A1	61	4	153.17	6.262e-5	2.176e-3
bone development	GO:0060348	2	TRIP11, COL2A1	76	4	122.94	9.743e-5	3.032e-3
cartilage development	GO:0051216	2	TRIP11, COL2A1	89	4	104.98	1.337e-4	3.831e-3
chondrocyte differentiation involved in endochondral bone morphogenesis	GO:0003413	1	TRIP11	4	4	1167.94	8.560e-4	1.393e-2
anterior head development	GO:0097065	1	COL2A1	5	4	934.35	1.070e-3	1.602e-2
vesicle tethering to Golgi	GO:0099041	1	TRIP11	5	4	934.35	1.070e-3	1.602e-2
otic vesicle development	GO:0071599	1	COL2A1	8	4	583.97	1.711e-3	2.128e-2
limb bud formation	GO:0060174	1	COL2A1	9	4	519.08	1.925e-3	2.259e-2
cartilage development involved in endochondral bone morphogenesis	GO:0060351	1	COL2A1	9	4	519.08	1.925e-3	2.259e-2
notochord development	GO:0030903	1	COL2A1	10	4	467.18	2.139e-3	2.400e-2
proteoglycan metabolic process	GO:0006029	1	COL2A1	11	4	424.70	2.353e-3	2.546e-2
embryonic skeletal joint morphogenesis	GO:0060272	1	COL2A1	11	4	424.70	2.353e-3	2.546e-2
keratinocyte development	GO:0003334	1	FLNB	11	4	424.70	2.353e-3	2.546e-2
Golgi ribbon formation	GO:0090161	1	TRIP11	11	4	424.70	2.353e-3	2.546e-2
oxalate transport	GO:0019532	1	SLC26A2	11	4	424.70	2.353e-3	2.546e-2