

GeDiPNet Cluster 344 -- 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 00:29:57

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
animal organ morphogenesis	GO:0009887	5	FGFR2, MSX1, PAX6, PITX2, TBX3	130	11	65.34	6.738e-9	1.216e-6
embryonic hindlimb morphogenesis	GO:0035116	3	MSX1, PITX2, TBX3	29	11	175.74	5.498e-7	5.065e-5
pituitary gland development	GO:0021983	3	MSX1, PAX6, PITX2	30	11	169.88	6.107e-7	5.542e-5
embryonic forelimb morphogenesis	GO:0035115	3	MSX1, RUNX2, TBX3	33	11	154.44	8.199e-7	7.064e-5
odontogenesis	GO:0042476	3	FGFR2, MSX1, PITX2	36	11	141.57	1.072e-6	8.763e-5
positive regulation of cell cycle	GO:0045787	3	FGFR2, MSX1, TBX3	44	11	115.83	1.983e-6	1.432e-4
bone mineralization	GO:0030282	3	ANKH, FGFR2, RUNX2	56	11	91.01	4.135e-6	2.576e-4
odontogenesis of dentin-containing tooth	GO:0042475	3	LRP4, MSX1, RUNX2	56	11	91.01	4.135e-6	2.576e-4
embryonic digit morphogenesis	GO:0042733	3	LRP4, MSX1, TBX3	57	11	89.41	4.363e-6	2.690e-4
lacrimal gland development	GO:0032808	2	FGFR2, PAX6	7	11	485.38	6.605e-6	3.740e-4
in utero embryonic development	GO:0001701	4	FGFR2, MSX1, PITX2, TBX3	252	11	26.97	9.892e-6	5.175e-4
response to sodium phosphate	GO:1904383	2	ANKH, RUNX2	9	11	377.52	1.132e-5	5.731e-4
iris morphogenesis	GO:0061072	2	PAX6, PITX2	9	11	377.52	1.132e-5	5.731e-4
BMP signaling pathway	GO:0030509	3	SOST, MSX1, RUNX2	88	11	57.91	1.620e-5	7.636e-4
positive regulation of transcription by RNA polymerase II	GO:0045944	6	FGFR2, MSX1, PAX6, PITX2, RUNX2, TBX3	1208	11	8.44	2.511e-5	1.067e-3