

GeDiPNet Cluster 250 -- 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 06:00:46

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
gene expression	GO:0010467	4	LRP5, TCF12, ZIC1, TAF15	269	14	19.85	3.752e-5	1.448e-3
positive regulation of transcription by RNA polymerase II	GO:0045944	6	LRP5, POGZ, TCF12, TWIST1, ZIC1, NR4A3	1208	14	6.63	1.379e-4	3.837e-3
positive regulation of DNA-templated transcription	GO:0045893	5	LRP5, TCF12, ZIC1, NR4A3, TAF15	778	14	8.58	1.806e-4	4.706e-3
bone morphogenesis	GO:0060349	2	FGFR3, LRP5	32	14	83.42	2.552e-4	5.995e-3
platelet-derived growth factor receptor signaling pathway	GO:0048008	2	PTPN11, NR4A3	33	14	80.90	2.716e-4	6.257e-3
positive regulation of cell cycle	GO:0045787	2	LRP5, NR4A3	44	14	60.67	4.843e-4	9.338e-3
negative regulation of developmental growth	GO:0048640	1	FGFR3	1	14	1334.79	7.492e-4	1.251e-2
positive regulation of mast cell activation by Fc-epsilon receptor signaling pathway	GO:0038097	1	NR4A3	1	14	1334.79	7.492e-4	1.251e-2
cell proliferation involved in heart valve development	GO:2000793	1	TWIST1	1	14	1334.79	7.492e-4	1.251e-2
positive regulation of endocardial cushion to mesenchymal transition involved in heart valve formation	GO:2000802	1	TWIST1	1	14	1334.79	7.492e-4	1.251e-2
negative regulation of cortisol secretion	GO:0051463	1	PTPN11	1	14	1334.79	7.492e-4	1.251e-2
negative regulation of growth hormone secretion	GO:0060125	1	PTPN11	1	14	1334.79	7.492e-4	1.251e-2
intestinal epithelial cell migration	GO:0061582	1	PTPN11	1	14	1334.79	7.492e-4	1.251e-2
embryonic digit morphogenesis	GO:0042733	2	LRP5, TWIST1	57	14	46.83	8.125e-4	1.314e-2
fibroblast growth factor receptor signaling pathway	GO:0008543	2	FGFR3, PTPN11	60	14	44.49	8.999e-4	1.411e-2