

GeDiPNet Cluster 337 -- 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: 2026-10-07 23:23:47

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
intracellular calcium ion homeostasis	GO:0006874	5	VDR, GCM2, CASR, PTH1R, PTH	113	22	37.58	1.794e-7	2.008e-5
bone resorption	GO:0045453	3	PTH1R, PTH, ACP5	26	22	98.01	3.618e-6	2.359e-4
negative regulation of cell population proliferation	GO:0008285	6	VDR, CDC73, MEN1, PTH1R, CDKN1B, IL6	444	22	11.48	9.394e-6	5.074e-4
adenylate cyclase-activating G protein-coupled cAMP receptor signaling pathway	GO:0140582	2	CASR, PTH	5	22	339.76	1.320e-5	6.571e-4
calcium ion homeostasis	GO:0055074	3	TRPV6, PTH, ALPL	42	22	60.67	1.578e-5	7.566e-4
skeletal system development	GO:0001501	4	VDR, PTH1R, PTH, ALPL	151	22	22.50	2.676e-5	1.136e-3
positive regulation of inositol phosphate biosynthetic process	GO:0060732	2	PTH1R, PTH	7	22	242.69	2.769e-5	1.165e-3
response to glucocorticoid	GO:0051384	3	CCND1, ALPL, IL6	53	22	48.08	3.193e-5	1.299e-3
response to calcium ion	GO:0051592	3	CASR, CCND1, TRPV6	55	22	46.33	3.571e-5	1.421e-3
bone mineralization	GO:0030282	3	PTH1R, PTH, ALPL	56	22	45.50	3.770e-5	1.482e-3
regulation of G1/S transition of mitotic cell cycle	GO:2000045	3	CCND1, TMEM14B, CDKN1B	57	22	44.71	3.977e-5	1.543e-3
positive regulation of transcription by RNA polymerase II	GO:0045944	8	MAFB, VDR, CDC73, GCM2, MEN1, PTH, IL6, EBF2	1208	22	5.63	4.206e-5	1.612e-3
negative regulation of cyclin-dependent protein serine/threonine kinase activity	GO:0045736	2	MEN1, CDKN1B	9	22	188.76	4.739e-5	1.761e-3
response to fibroblast growth factor	GO:0071774	2	CASR, PTH	11	22	154.44	7.230e-5	2.426e-3
negative regulation of lipid storage	GO:0010888	2	CRP, IL6	12	22	141.57	8.670e-5	2.783e-3