

GeDiPNet Cluster 228 -- 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 07:05:42

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
adenylate cyclase-activating adrenergic receptor signaling pathway	GO:0071880	2	GPR101, GNAS	14	7	381.37	1.092e-5	5.658e-4
positive regulation of receptor signaling pathway via JAK-STAT	GO:0046427	2	GH1, PRL	40	7	133.48	9.318e-5	2.936e-3
response to nutrient levels	GO:0031667	2	GH1, PRL	79	7	67.58	3.655e-4	7.882e-3
female pregnancy	GO:0007565	2	GNAS, PRL	80	7	66.74	3.748e-4	8.019e-3
positive regulation of lactation	GO:1903489	1	PRL	2	7	1334.79	7.491e-4	1.282e-2
bone maturation	GO:0070977	1	GH1	3	7	889.86	1.123e-3	1.656e-2
prolactin signaling pathway	GO:0038161	1	PRL	4	7	667.39	1.498e-3	1.953e-2
adenylate cyclase-activating serotonin receptor signaling pathway	GO:0007192	1	GNAS	5	7	533.91	1.872e-3	2.238e-2
hair follicle placode formation	GO:0060789	1	GNAS	5	7	533.91	1.872e-3	2.238e-2
response to parathyroid hormone	GO:0071107	1	GNAS	5	7	533.91	1.872e-3	2.238e-2
regulation of skeletal muscle contraction	GO:0014819	1	GNAS	6	7	444.93	2.246e-3	2.481e-2
equilibrioception	GO:0050957	1	CDH23	6	7	444.93	2.246e-3	2.481e-2
cellular response to catecholamine stimulus	GO:0071870	1	GNAS	7	7	381.37	2.620e-3	2.698e-2
positive regulation of MAPK cascade	GO:0043410	2	GPR101, GH1	224	7	23.84	2.887e-3	2.824e-2
positive regulation of D-glucose transmembrane transport	GO:0010828	1	GH1	8	7	333.70	2.993e-3	2.882e-2