

GeDiPNet Cluster 196 -- 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 19:54:35

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
cAMP/PKA signal transduction	GO:0141156	3	CREB1, ADCYAP1R1, GHRHR	10	35	160.17	7.158e-7	6.376e-5
development of primary female sexual characteristics	GO:0046545	2	ADCYAP1R1, DACH1	4	35	266.96	2.040e-5	9.265e-4
regulation of DNA-templated transcription	GO:0006355	11	CREB1, EWSR1, DACH1, FLI1, HIVEP3, TFDP2, EGR2, ERG, SMARCA5, ETV1, ETV4	1454	35	4.04	4.422e-5	1.673e-3
hormone secretion	GO:0046879	2	CREB1, GHRHR	8	35	133.48	9.475e-5	2.970e-3
regulation of transcription by RNA polymerase II	GO:0006357	11	CREB1, DACH1, FLI1, HIVEP3, TFDP2, ZNF438, EGR2, ERG, SMARCA5, ETV1, ETV4	1602	35	3.67	1.071e-4	3.252e-3
positive regulation of hormone secretion	GO:0046887	2	CREB1, GHRHR	12	35	88.99	2.223e-4	5.541e-3
negative regulation of transcription by competitive promoter binding	GO:0010944	2	CREB1, DACH1	13	35	82.14	2.624e-4	6.223e-3
positive regulation of calcium ion transport into cytosol	GO:0010524	2	ADCYAP1R1, P2RX4	14	35	76.27	3.058e-4	6.953e-3
positive regulation of DNA-templated transcription	GO:0045893	7	CREB1, AFAP1L2, FLI1, HIVEP3, EGR2, SMARCA5, ETV1	778	35	4.80	5.114e-4	9.885e-3
cellular response to zinc ion	GO:0071294	2	CREB1, P2RX4	25	35	42.71	9.951e-4	1.534e-2
positive regulation of transcription by RNA polymerase II	GO:0045944	8	CREB1, FLI1, TFDP2, EGR2, ERG, SMARCA5, ETV1, ETV4	1208	35	3.54	1.459e-3	1.922e-2
neuronal action potential	GO:0019228	2	GJD2, KCNMB2	34	35	31.41	1.841e-3	2.216e-2
positive regulation of multicellular organism growth	GO:0040018	2	CREB1, GHRHR	34	35	31.41	1.841e-3	2.216e-2
negative regulation of response to reactive oxygen species	GO:1901032	1	ADCYAP1R1	1	35	533.91	1.873e-3	2.238e-2
rhombomere 3 structural organization	GO:0021659	1	EGR2	1	35	533.91	1.873e-3	2.238e-2