

GeDiPNet Cluster 288 -- 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 12:27:36

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
positive regulation of neuron migration	GO:2001224	2	FLNA, NIPBL	16	24	97.33	1.876e-4	4.937e-3
cartilage development	GO:0051216	3	COL11A1, NFIA, SATB2	89	24	26.25	1.966e-4	5.098e-3
phosphate-containing compound metabolic process	GO:0006796	2	INPP1, INPP5E	25	24	62.29	4.658e-4	9.307e-3
chromatin remodeling	GO:0006338	4	NIPBL, SATB2, SETD5, SMARCA4	320	24	9.73	6.840e-4	1.207e-2
embryonic pattern specification	GO:0009880	2	MEIS2, SATB2	32	24	48.66	7.658e-4	1.304e-2
face morphogenesis	GO:0060325	2	NIPBL, RAB3GAP1	33	24	47.19	8.146e-4	1.350e-2
homologous chromosome pairing at meiosis	GO:0007129	2	FANCD2, NDC1	33	24	47.19	8.146e-4	1.350e-2
regulation of membrane repolarization during atrial cardiac muscle cell action potential	GO:1905000	1	FLNA	1	24	778.63	1.284e-3	1.789e-2
regulation of membrane repolarization during cardiac muscle cell action potential	GO:1905031	1	FLNA	1	24	778.63	1.284e-3	1.789e-2
mitochondrion migration along actin filament	GO:0034642	1	MYO19	1	24	778.63	1.284e-3	1.789e-2
external genitalia morphogenesis	GO:0035261	1	NIPBL	1	24	778.63	1.284e-3	1.789e-2
regulation of DNA-templated transcription	GO:0006355	7	TBX22, IRAK1, IRF6, MEIS2, NFIA, SETD5, SMARCA4	1454	24	3.75	1.809e-3	2.198e-2
embryonic skeletal system morphogenesis	GO:0048704	2	COL11A1, SATB2	53	24	29.38	2.093e-3	2.379e-2
regulation of calcium ion-dependent exocytosis of neurotransmitter	GO:1903233	1	RAB3GAP1	2	24	389.31	2.567e-3	2.663e-2
regulation of developmental growth	GO:0048638	1	NIPBL	2	24	389.31	2.567e-3	2.663e-2