

GeDiPNet Cluster 199 -- 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: 2026-10-09 03:23:08. · Rows: 15 · Generated: 2026-10-09 15:58:16

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
spinal cord dorsal/ventral patterning	GO:0021513	3	GLI2, SUFU, SHH	8	15	467.18	2.338e-8	3.521e-6
pattern specification process	GO:0007389	4	GLI2, PTCH1, SHH, ASPH	60	15	83.05	1.276e-7	1.474e-5
ventral midline development	GO:0007418	2	GLI2, SHH	3	15	830.53	1.803e-6	1.343e-4
smoothened signaling pathway involved in ventral spinal cord interneuron specification	GO:0021775	2	GLI2, SUFU	3	15	830.53	1.803e-6	1.343e-4
hindgut morphogenesis	GO:0007442	2	GLI2, SHH	4	15	622.90	3.605e-6	2.325e-4
embryonic organ development	GO:0048568	3	PTCH1, SHH, POLE	42	15	88.99	4.714e-6	2.890e-4
positive regulation of DNA-templated transcription	GO:0045893	6	GLI2, PTCH1, SMARCE1, WAC, SHH, ASPH	778	15	9.61	1.851e-5	8.506e-4
metanephric collecting duct development	GO:0072205	2	PTCH1, SHH	9	15	276.84	2.158e-5	9.598e-4
positive regulation of T cell differentiation in thymus	GO:0033089	2	GLI2, SHH	11	15	226.51	3.294e-5	1.315e-3
tube development	GO:0035295	2	GLI2, SHH	13	15	191.66	4.667e-5	1.717e-3
dorsal/ventral neural tube patterning	GO:0021904	2	PTCH1, SHH	13	15	191.66	4.667e-5	1.717e-3
smoothened signaling pathway	GO:0007224	3	GLI2, SUFU, SHH	94	15	39.76	5.368e-5	1.907e-3
osteoblast development	GO:0002076	2	GLI2, SHH	16	15	155.73	7.170e-5	2.366e-3
smooth muscle tissue development	GO:0048745	2	PTCH1, SHH	16	15	155.73	7.170e-5	2.366e-3
somite development	GO:0061053	2	PTCH1, SHH	16	15	155.73	7.170e-5	2.366e-3