

GeDiPNet Cluster 18 -- 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: 2026-10-07 03:23:06. · Rows: 15 · Generated: 2026-10-07 05:32:17

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
carbon dioxide transport	GO:0015670	4	HBB, HBG2, HBD, HBG1	13	11	522.71	4.633e-11	1.440e-8
oxygen transport	GO:0015671	4	HBB, HBG2, HBD, HBG1	17	11	399.72	1.540e-10	4.239e-8
erythrocyte development	GO:0048821	4	HBB, HBG2, HBD, HBG1	32	11	212.35	2.317e-9	4.698e-7
embryonic digestive tract development	GO:0048566	2	MYB, TGFB2	19	11	178.82	5.357e-5	1.894e-3
positive regulation of miRNA transcription	GO:1902895	2	MYB, TGFB2	56	11	60.67	4.768e-4	9.289e-3
negative regulation of neuron remodeling	GO:1904800	1	BCL11A	1	11	1698.82	5.886e-4	1.069e-2
negative regulation of branching morphogenesis of a nerve	GO:2000173	1	BCL11A	1	11	1698.82	5.886e-4	1.069e-2
regulation of timing of catagen	GO:0051794	1	TGFB2	1	11	1698.82	5.886e-4	1.069e-2
positive regulation of activation-induced cell death of T cells	GO:0070237	1	TGFB2	1	11	1698.82	5.886e-4	1.069e-2
regulation of apoptotic process involved in outflow tract morphogenesis	GO:1902256	1	TGFB2	1	11	1698.82	5.886e-4	1.069e-2
negative regulation of epithelial to mesenchymal transition involved in endocardial cushion formation	GO:1905006	1	TGFB2	1	11	1698.82	5.886e-4	1.069e-2
positive regulation of neuron apoptotic process	GO:0043525	2	MYB, TGFB2	65	11	52.27	6.421e-4	1.127e-2
regulation of macrophage differentiation	GO:0045649	1	QKI	2	11	849.41	1.177e-3	1.664e-2
regulation of cell development	GO:0060284	1	QKI	2	11	849.41	1.177e-3	1.664e-2
myofibroblast contraction	GO:1990764	1	QKI	2	11	849.41	1.177e-3	1.664e-2