

GeDiPNet Cluster 374 -- 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 08:27:46

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 smooth muscle cell proliferation	GO:0048661	2	NOTCH3, PDGFRB	52	4	179.68	4.541e-5	1.675e-3
cell migration involved in coronary angiogenesis	GO:0060981	1	PDGFRB	1	4	4671.75	2.141e-4	5.282e-3
metanephric glomerular mesangial cell proliferation involved in metanephros development	GO:0072262	1	PDGFRB	1	4	4671.75	2.141e-4	5.282e-3
smooth muscle cell chemotaxis	GO:0071670	1	PDGFRB	2	4	2335.88	4.281e-4	8.586e-3
cell migration involved in vasculogenesis	GO:0035441	1	PDGFRB	2	4	2335.88	4.281e-4	8.586e-3
glomerular capillary formation	GO:0072104	1	NOTCH3	3	4	1557.25	6.421e-4	1.127e-2
positive regulation of metanephric mesenchymal cell migration by platelet-derived growth factor receptor-beta signaling pathway	GO:0035793	1	PDGFRB	3	4	1557.25	6.421e-4	1.127e-2
positive regulation of cell proliferation by VEGF-activated platelet derived growth factor receptor signaling pathway	GO:0038091	1	PDGFRB	3	4	1557.25	6.421e-4	1.127e-2
metanephric glomerular capillary formation	GO:0072277	1	PDGFRB	3	4	1557.25	6.421e-4	1.127e-2
smooth muscle adaptation	GO:0014805	1	PDGFRB	4	4	1167.94	8.560e-4	1.360e-2
platelet-derived growth factor receptor-beta signaling pathway	GO:0035791	1	PDGFRB	6	4	778.63	1.284e-3	1.747e-2
chorionic trophoblast cell differentiation	GO:0060718	1	HTRA1	6	4	778.63	1.284e-3	1.747e-2
neuroblast differentiation	GO:0014016	1	NOTCH3	7	4	667.39	1.498e-3	1.912e-2
positive regulation of DNA biosynthetic process	GO:2000573	1	PDGFRB	12	4	389.31	2.566e-3	2.584e-2
cardiac myofibril assembly	GO:0055003	1	PDGFRB	13	4	359.37	2.780e-3	2.708e-2