

GeDiPNet Cluster 471 -- 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: 2026-10-20 03:23:14. · Rows: 15 · Generated: 2026-10-19 23:19:16

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
lymph vessel development	GO:0001945	4	FLT4, KDR, CCBE1, FOXC2	15	12	415.27	1.325e-10	3.934e-8
positive regulation of endothelial cell migration	GO:0010595	4	FLT4, KDR, CCBE1, FOXC2	66	12	94.38	6.876e-8	9.307e-6
lymphangiogenesis	GO:0001946	3	FLT4, CCBE1, FOXC2	14	12	333.70	7.335e-8	9.834e-6
vascular endothelial growth factor receptor signaling pathway	GO:0048010	3	FLT4, KDR, FOXC2	31	12	150.70	9.002e-7	7.875e-5
response to rapamycin	GO:1901355	2	LIPA, FOXP3	4	12	778.63	2.267e-6	1.680e-4
blood vessel endothelial cell differentiation	GO:0060837	2	KDR, LIPA	5	12	622.90	3.776e-6	2.525e-4
lung development	GO:0030324	3	KDR, LIPA, CCBE1	108	12	43.26	3.976e-5	1.549e-3
respiratory system process	GO:0003016	2	FLT4, CCBE1	19	12	163.92	6.425e-5	2.229e-3
vascular endothelial growth factor signaling pathway	GO:0038084	2	FLT4, KDR	19	12	163.92	6.425e-5	2.229e-3
respiratory gaseous exchange by respiratory system	GO:0007585	2	FLT4, CCBE1	31	12	100.47	1.740e-4	4.599e-3
positive regulation of vascular endothelial growth factor production	GO:0010575	2	FLT4, CCBE1	32	12	97.33	1.855e-4	4.820e-3
cellular response to vascular endothelial growth factor stimulus	GO:0035924	2	FLT4, KDR	33	12	94.38	1.974e-4	5.032e-3
vasculature development	GO:0001944	2	FLT4, KDR	33	12	94.38	1.974e-4	5.032e-3
branching involved in blood vessel morphogenesis	GO:0001569	2	KDR, FOXC2	33	12	94.38	1.974e-4	5.032e-3
positive regulation of cell migration involved in sprouting angiogenesis	GO:0090050	2	KDR, FOXC2	37	12	84.18	2.486e-4	5.924e-3