

GeDiPNet Cluster 647 -- 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: 2026-10-21 12:39:04. · Rows: 15 · Generated: 2026-10-21 08:33:45

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
semi-lunar valve development	GO:1905314	1	BMPR2	1	1	18687.00	5.351e-5	1.898e-3
regulation of lung blood pressure	GO:0014916	1	BMPR2	2	1	9343.50	1.070e-4	3.187e-3
negative regulation of cell proliferation involved in heart valve morphogenesis	GO:0003252	1	BMPR2	2	1	9343.50	1.070e-4	3.187e-3
positive regulation of locomotion	GO:0040017	1	BMPR2	3	1	6229.00	1.605e-4	4.263e-3
pulmonary valve development	GO:0003177	1	BMPR2	4	1	4671.75	2.141e-4	5.219e-3
venous blood vessel development	GO:0060841	1	BMPR2	5	1	3737.40	2.676e-4	6.114e-3
negative regulation of chondrocyte proliferation	GO:1902731	1	BMPR2	5	1	3737.40	2.676e-4	6.114e-3
tricuspid valve morphogenesis	GO:0003186	1	BMPR2	5	1	3737.40	2.676e-4	6.114e-3
endochondral bone morphogenesis	GO:0060350	1	BMPR2	6	1	3114.50	3.211e-4	6.913e-3
aortic valve development	GO:0003176	1	BMPR2	7	1	2669.57	3.746e-4	7.676e-3
positive regulation of axon extension involved in axon guidance	GO:0048842	1	BMPR2	7	1	2669.57	3.746e-4	7.676e-3
lymphatic endothelial cell differentiation	GO:0060836	1	BMPR2	7	1	2669.57	3.746e-4	7.676e-3
negative regulation of muscle cell differentiation	GO:0051148	1	BMPR2	10	1	1868.70	5.351e-4	9.696e-3
negative regulation of vasoconstriction	GO:0045906	1	BMPR2	10	1	1868.70	5.351e-4	9.696e-3
lung vasculature development	GO:0060426	1	BMPR2	11	1	1698.82	5.886e-4	1.037e-2