

GeDiPNet Cluster 156 -- 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 01:45:21

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
hemostasis	GO:0007599	12	F11, FGA, FGG, FGB, F2, F5, PROC, PLG, PROC, PROS1, SERPINC1, SERPIND1	55	29	140.59	5.821e-24	1.629e-20
blood coagulation	GO:0007596	13	F11, FGA, FGG, FGB, F2, F5, PROC, PLAT, PLG, PROC, PROS1, SERPINC1	106	29	79.03	1.850e-22	4.286e-19
fibrinolysis	GO:0042730	7	FGA, FGG, FGB, F2, PLAT, PLG, PROS1	19	29	237.40	4.925e-16	4.092e-13
plasminogen activation	GO:0031639	5	F11, FGA, FGG, FGB, PLAT	12	29	268.49	4.919e-12	1.925e-9
platelet activation	GO:0030168	7	DGKZ, FGA, FGG, FGB, F2, PLCG2, CD40LG	69	29	65.37	1.002e-11	3.692e-9
blood coagulation, fibrin clot formation	GO:0072378	3	FGA, FGG, FGB	9	29	214.79	2.805e-7	2.885e-5
positive regulation of peptide hormone secretion	GO:0090277	3	FGA, FGG, FGB	10	29	193.31	4.003e-7	3.874e-5
regulation of blood coagulation	GO:0030193	3	F11, F2, SERPINC1	11	29	175.74	5.498e-7	5.065e-5
negative regulation of fibrinolysis	GO:0051918	3	F2, PLAT, PLG	12	29	161.09	7.323e-7	6.451e-5
positive regulation of heterotypic cell-cell adhesion	GO:0034116	3	FGA, FGG, FGB	13	29	148.70	9.510e-7	7.976e-5
protein polymerization	GO:0051258	3	FGA, FGG, FGB	17	29	113.71	2.252e-6	1.584e-4
trans-synaptic signaling by BDNF, modulating synaptic transmission	GO:0099183	2	PLAT, PLG	3	29	429.59	6.970e-6	3.913e-4
positive regulation of exocytosis	GO:0045921	3	FGA, FGG, FGB	26	29	74.35	8.529e-6	4.604e-4
positive regulation of vasoconstriction	GO:0045907	3	FGA, FGG, FGB	27	29	71.60	9.586e-6	5.048e-4
negative regulation of extrinsic apoptotic signaling pathway via death domain receptors	GO:1902042	3	FGA, FGG, FGB	29	29	66.66	1.195e-5	5.984e-4