

GeDiPNet Cluster 523 -- 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 23:18:55

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
negative regulation of growth rate	GO:0045967	1	TMPRSS4	1	16	1167.94	8.562e-4	1.331e-2
guanosine metabolic process	GO:0008617	1	DGUOK	1	16	1167.94	8.562e-4	1.331e-2
dGTP metabolic process	GO:0046070	1	DGUOK	1	16	1167.94	8.562e-4	1.331e-2
purine deoxyribonucleoside metabolic process	GO:0046122	1	DGUOK	1	16	1167.94	8.562e-4	1.331e-2
chromosomal DNA methylation maintenance following DNA replication	GO:0141119	1	DNMT1	2	16	583.97	1.712e-3	1.958e-2
negative regulation of vascular associated smooth muscle cell differentiation involved in phenotypic switching	GO:1905931	1	DNMT1	2	16	583.97	1.712e-3	1.958e-2
regulation of cellular component size	GO:0032535	1	ADD1	2	16	583.97	1.712e-3	1.958e-2
positive regulation of adherens junction organization	GO:1903393	1	ADD1	2	16	583.97	1.712e-3	1.958e-2
GDP-D-mannose biosynthetic process from fructose-6-phosphate	GO:0061729	1	PMM2	2	16	583.97	1.712e-3	1.958e-2
3'-phosphoadenosine 5'-phosphosulfate transport	GO:0046963	1	SLC35B2	2	16	583.97	1.712e-3	1.958e-2
5'-adenylyl sulfate transmembrane transport	GO:1902558	1	SLC35B2	2	16	583.97	1.712e-3	1.958e-2
3'-phospho-5'-adenylyl sulfate transmembrane transport	GO:1902559	1	SLC35B2	2	16	583.97	1.712e-3	1.958e-2
dAMP salvage	GO:0106383	1	DGUOK	3	16	389.31	2.567e-3	2.402e-2
GDP-mannose biosynthetic process from mannose	GO:0061728	1	PMM2	3	16	389.31	2.567e-3	2.402e-2
membrane depolarization during bundle of His cell action potential	GO:0086048	1	CACNA2D1	3	16	389.31	2.567e-3	2.402e-2