

GeDiPNet Cluster 525 -- 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
negative regulation of phosphate metabolic process	GO:0045936	1	GMPPA	1	5	3737.40	2.676e-4	6.245e-3
negative regulation of nucleobase-containing compound metabolic process	GO:0045934	1	GMPPA	2	5	1868.70	5.351e-4	9.880e-3
negative regulation of small molecule metabolic process	GO:0062014	1	GMPPA	2	5	1868.70	5.351e-4	9.880e-3
negative regulation of biosynthetic process	GO:0009890	1	GMPPA	3	5	1245.80	8.025e-4	1.283e-2
GDP-mannose biosynthetic process	GO:0009298	1	GMPPA	6	5	622.90	1.605e-3	1.885e-2
GDP-mannose metabolic process	GO:0019673	1	GMPPA	6	5	622.90	1.605e-3	1.885e-2
constitutive secretory pathway	GO:0045054	1	TRAPPC11	6	5	622.90	1.605e-3	1.885e-2
regulation of nucleocytoplasmic transport	GO:0046822	1	AAAS	9	5	415.27	2.406e-3	2.324e-2
muscle organ morphogenesis	GO:0048644	1	GMPPA	10	5	373.74	2.673e-3	2.457e-2
skeletal muscle organ development	GO:0060538	1	GMPPA	11	5	339.76	2.940e-3	2.584e-2
regulation of protein complex stability	GO:0061635	1	TRAPPC11	16	5	233.59	4.274e-3	3.094e-2
vesicle tethering	GO:0099022	1	TRAPPC11	16	5	233.59	4.274e-3	3.094e-2
glycoprotein metabolic process	GO:0009100	1	GMPPA	22	5	169.88	5.873e-3	3.588e-2
COPII vesicle coating	GO:0048208	1	TRAPPC11	23	5	162.50	6.140e-3	3.675e-2
telencephalon development	GO:0021537	1	GMPPA	29	5	128.88	7.736e-3	4.105e-2