

GeDiPNet Cluster 628 -- 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: 2026-10-20 00:00:46

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
DNA-templated transcription termination	GO:0006353	3	SETX, SMN1, SMN2	13	7	616.05	9.190e-9	1.641e-6
nervous system development	GO:0007399	5	SETX, SPG7, NAIP, SMN1, SMN2	631	7	21.15	8.579e-7	7.548e-5
spliceosomal complex assembly	GO:0000245	2	SMN1, SMN2	28	7	190.68	4.526e-5	1.713e-3
spliceosomal snRNP assembly	GO:0000387	2	SMN1, SMN2	29	7	184.11	4.860e-5	1.807e-3
RNA splicing, via transesterification reactions	GO:0000375	2	SMN1, SMN2	30	7	177.97	5.206e-5	1.903e-3
negative regulation of receptor catabolic process	GO:2000645	1	MTMR2	1	7	2669.57	3.746e-4	7.813e-3
positive regulation of termination of DNA-templated transcription	GO:0060566	1	SETX	1	7	2669.57	3.746e-4	7.813e-3
intramembranous bone growth	GO:0098867	1	FBLN5	1	7	2669.57	3.746e-4	7.813e-3
mitochondrial outer membrane permeabilization involved in programmed cell death	GO:1902686	1	SPG7	2	7	1334.79	7.491e-4	1.230e-2
positive regulation of termination of RNA polymerase II transcription, poly(A)-coupled	GO:2000806	1	SETX	3	7	889.86	1.123e-3	1.550e-2
regulation of calcium import into the mitochondrion	GO:0110097	1	SPG7	3	7	889.86	1.123e-3	1.550e-2
regulation of phosphatidylinositol dephosphorylation	GO:0060304	1	MTMR2	5	7	533.91	1.872e-3	2.050e-2
mitochondrial protein processing	GO:0034982	1	SPG7	6	7	444.93	2.246e-3	2.244e-2
regulation of removal of superoxide radicals	GO:2000121	1	FBLN5	7	7	381.37	2.620e-3	2.435e-2
myelin assembly	GO:0032288	1	MTMR2	7	7	381.37	2.620e-3	2.435e-2