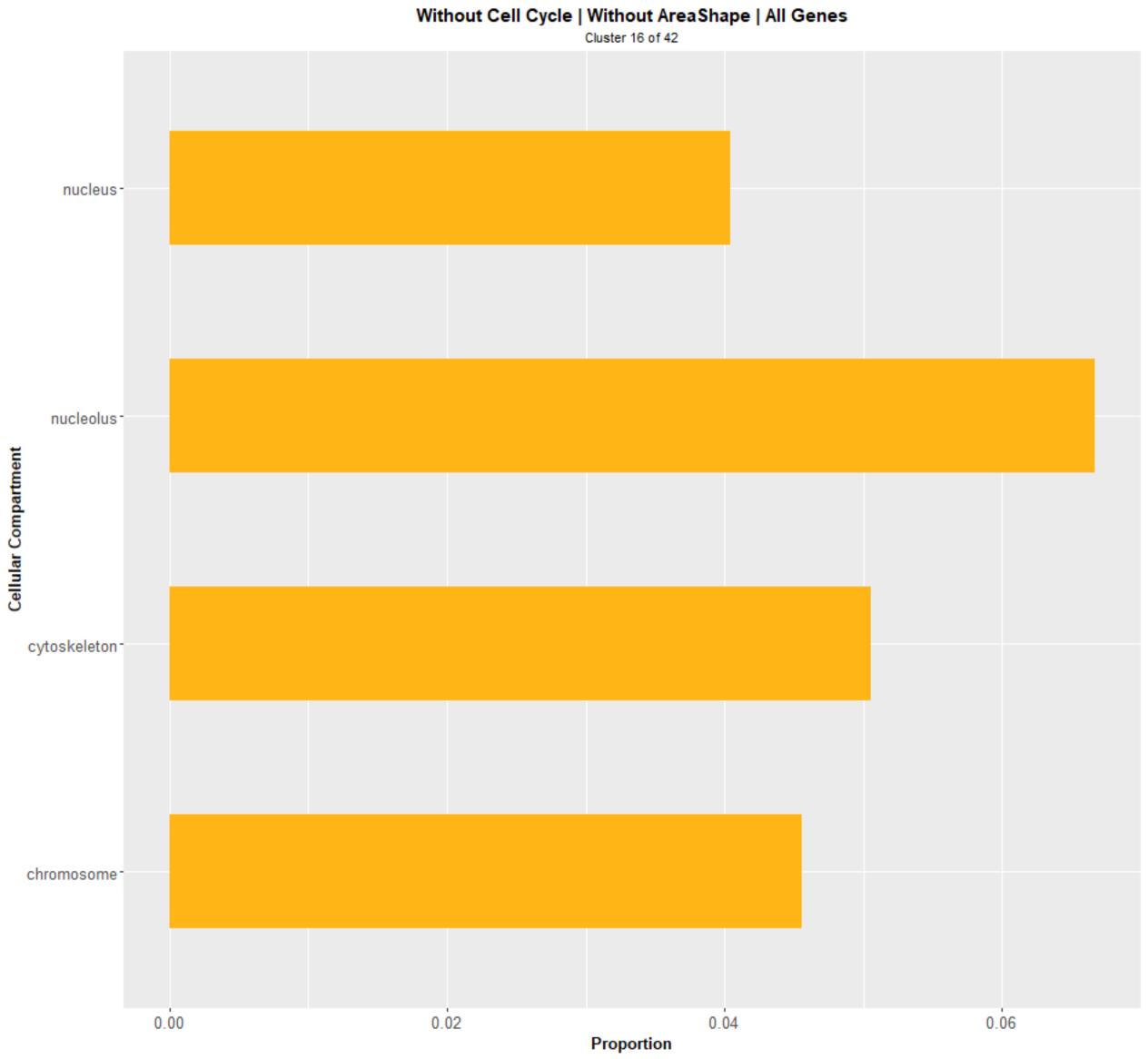


Without Cell Cycle | Without AreaShape | All Genes Cluster 2 of 42 nucleobase-containing small_ molecule metabolic process mitochondrion organization Biological Process mitochondrial translation generation of precursor_ metabolites and energy cofactor metabolic process 0.050 0.000 0.025 0.075 Proportion

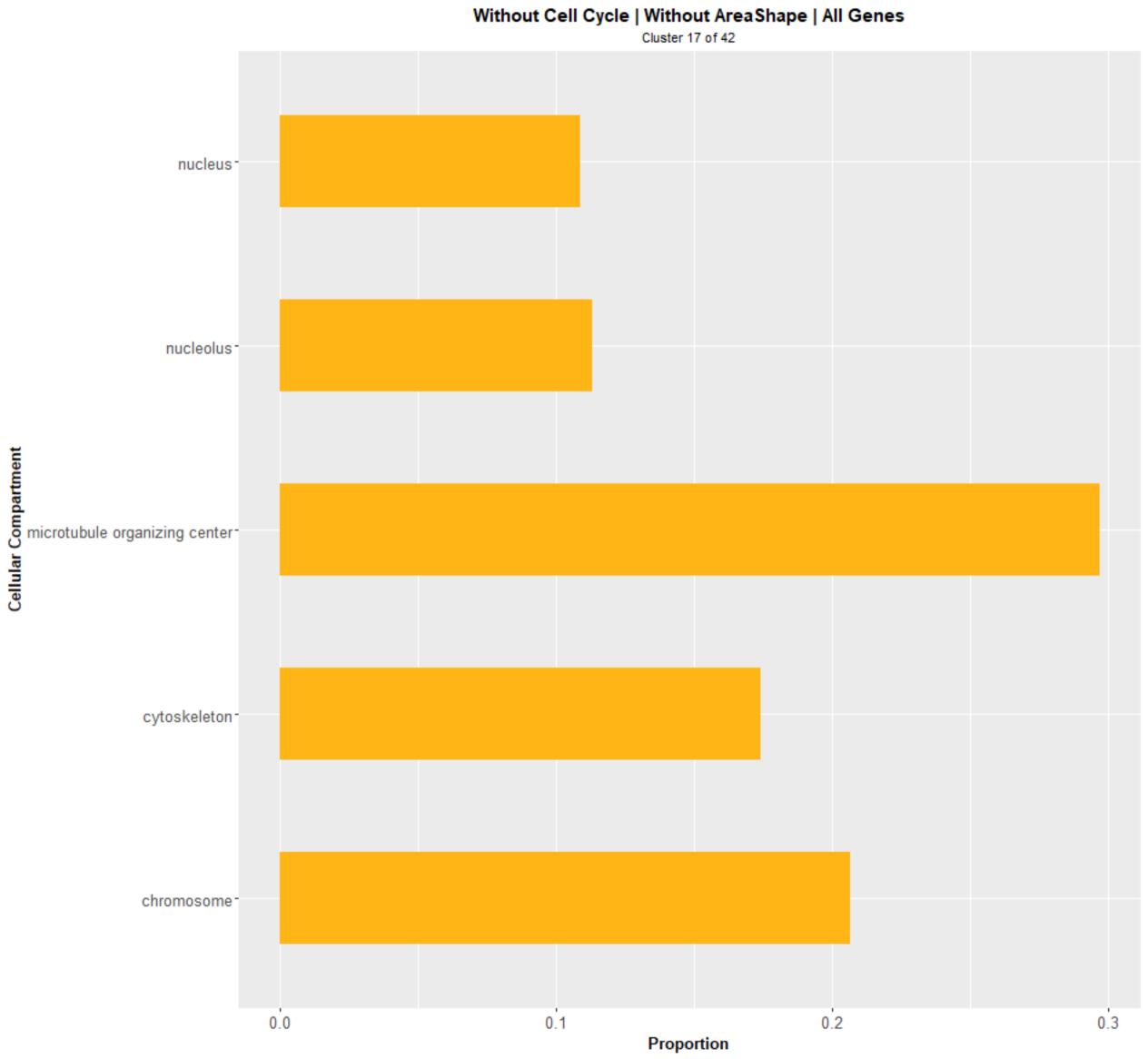
Without Cell Cycle | Without AreaShape | All Genes Cluster 3 of 42 Cellular Compartment 0.0000 0.0025 0.0050 0.0075 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 10 of 42 Cellular Compartment 0.00 0.01 0.02 Proportion

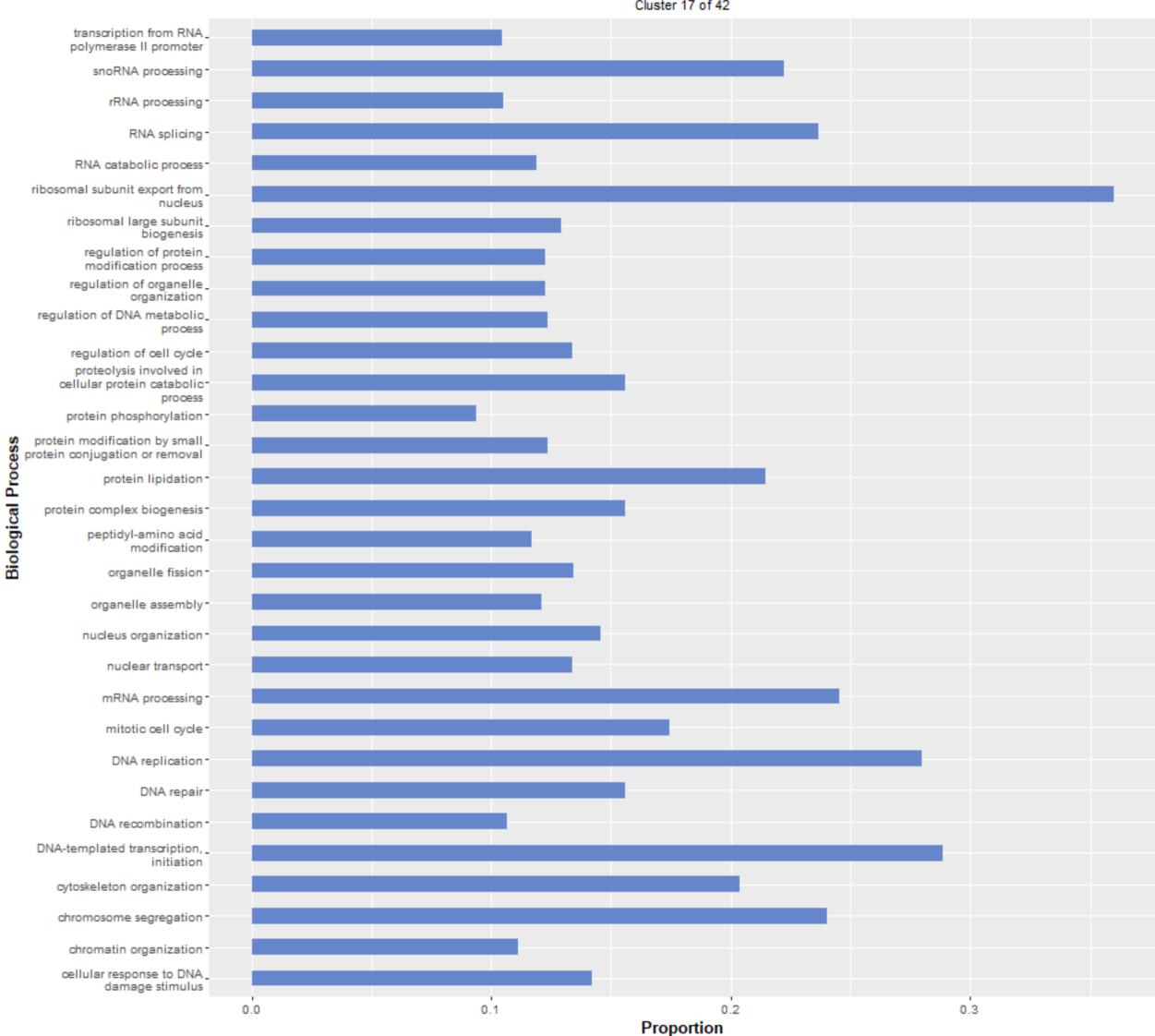
Without Cell Cycle | Without AreaShape | All Genes Cluster 10 of 42 transcription from RNA polymerase III promoter Biological Process transcription from RNA polymerase I promoter 0.04 0.00 0.02 0.06 Proportion



Without Cell Cycle | Without AreaShape | All Genes Cluster 16 of 42 transcription from RNA polymerase II promoter rRNA processing ribosomal subunit export from nucleus ribosomal large subunit_ biogenesis peptidyl-amino acid modification nucleobase-containing compound. Biological Process transport nuclear transport mRNA processing -DNA repair DNA-templated transcription, initiation DNA-templated transcription, elongation chromatin organization cellular response to DNA_ damage stimulus 0.10 0.00 0.05 0.15 0.20 Proportion

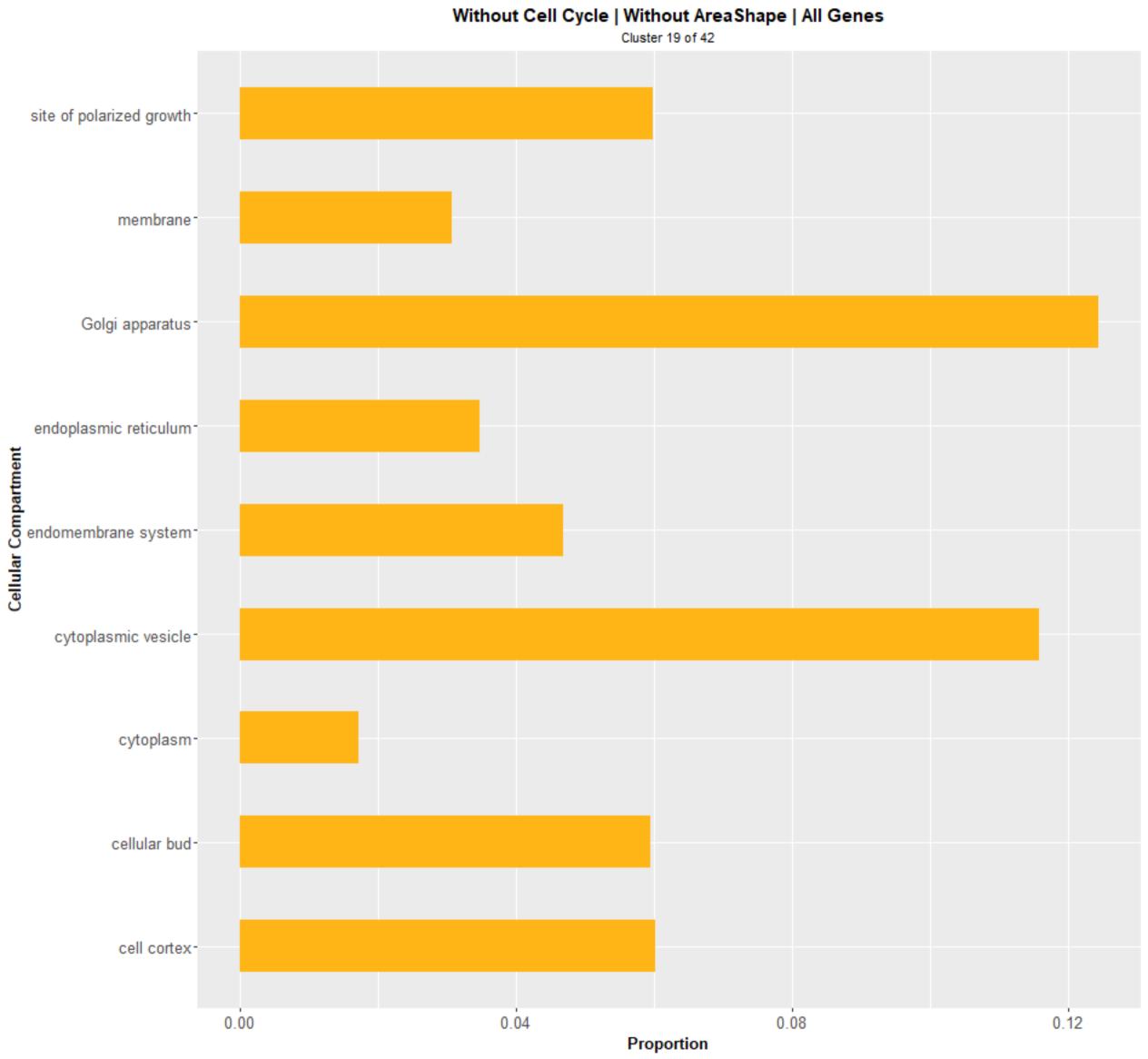


Without Cell Cycle | Without AreaShape | All Genes Cluster 17 of 42



Without Cell Cycle | Without AreaShape | All Genes Cluster 18 of 42 Cellular Compartment 0.000 0.002 0.004 0.006 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 18 of 42 RNA splicing Biological Process mRNA processing lipid metabolic process 0.02 0.00 0.04 Proportion



Without Cell Cycle | Without AreaShape | All Genes Cluster 19 of 42 vesicle organization vacuole organization regulation of transport protein complex biogenesis Biological Process organelle inheritance organelle fusion membrane fusion -Golgi vesicle transport exocytosis -0.2 0.0 0.1 0.3 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 20 of 42 Cellular Compartment 0.01 0.02 0.00 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 21 of 42 regulation of translation -Biological Process nuclear transport 0.04 0.00 0.02 0.06 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 23 of 42 Cellular Compartment 0.000 0.002 0.004 0.006 0.008 Proportion

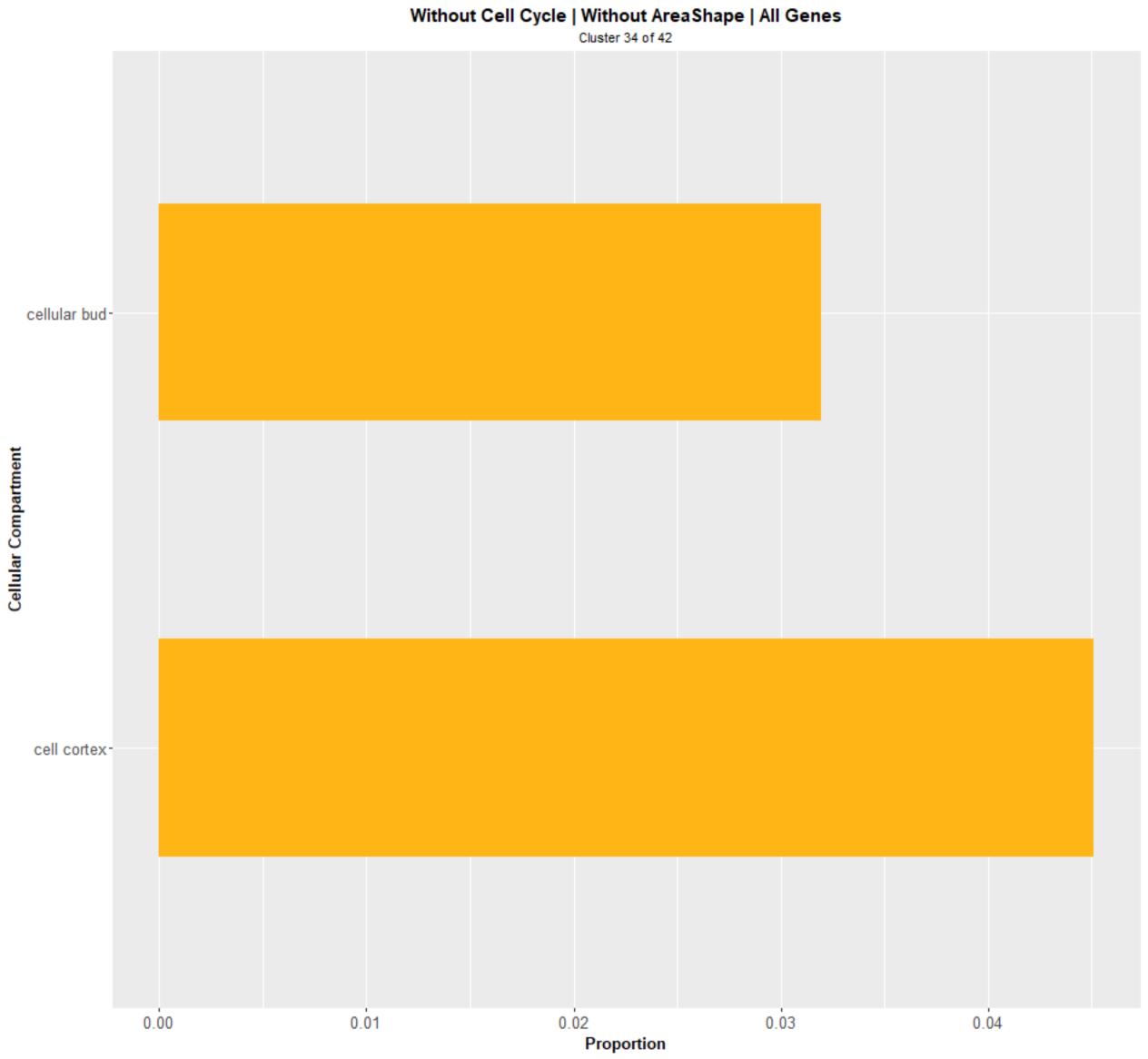
Without Cell Cycle | Without AreaShape | All Genes Cluster 23 of 42 tRNA aminoacylation for protein translation transcription from RNA polymerase II promoter mitochondrial translation -Biological Process DNA-templated transcription, termination DNA-templated transcription, initiation DNA-templated transcription, elongation 0.06 0.00 0.03 0.09 0.12 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 28 of 42 response to starvation -Biological Process cell wall organization or _ biogenesis 0.00 0.01 0.02 0.03 0.04 0.05 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 30 of 42 Biological Process 0.05 0.00 0.10 0.15 Proportion

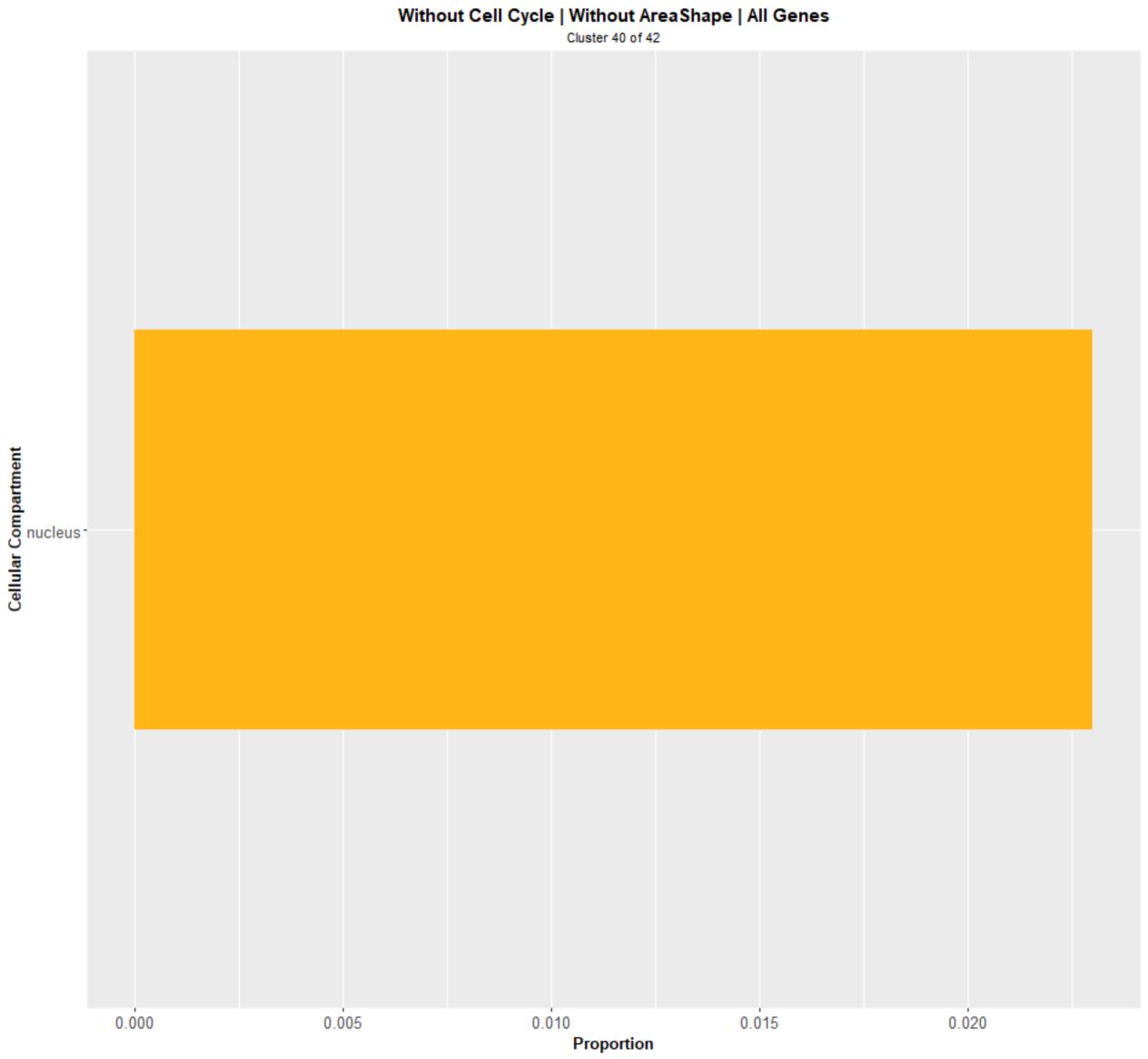
Without Cell Cycle | Without AreaShape | All Genes Cluster 33 of 42 Cellular Compartment 0.0025 0.0050 0.0100 0.0125 0.0000 0.0075 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 33 of 42 transposition -RNA catabolic process regulation of DNA metabolic_ process regulation of cell cycleprotein acylation -Biological Process organelle fission mitotic cell cycle -DNA replication -DNA repair chromosome segregation cellular response to DNA damage stimulus 0.00 0.05 0.10 0.15 Proportion



Without Cell Cycle | Without AreaShape | All Genes Cluster 36 of 42 Cellular Compartment 0.00 0.01 0.02 Proportion

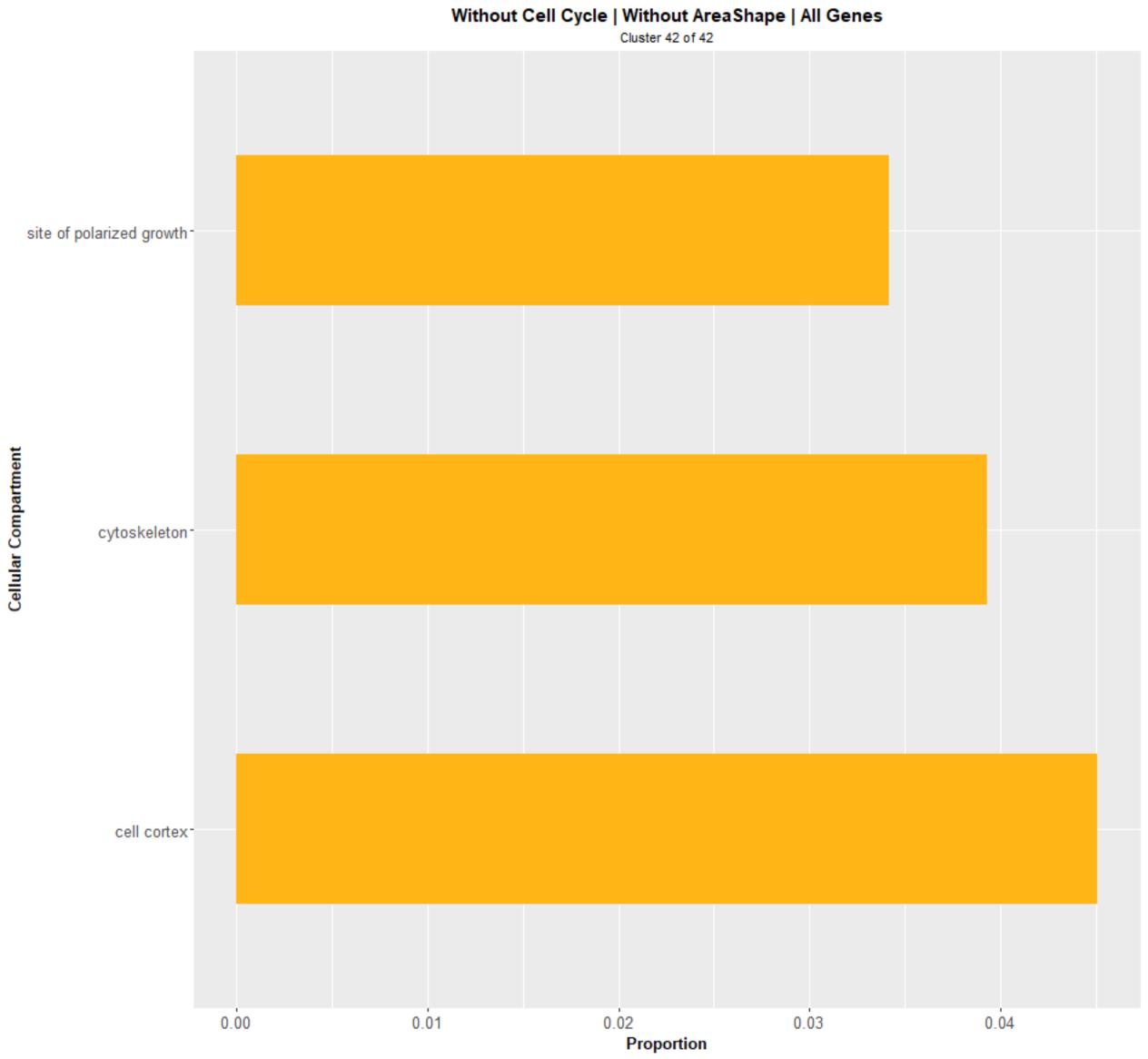
Without Cell Cycle | Without AreaShape | All Genes Cluster 37 of 42 transcription from RNA polymerase II promoter transcription from RNA_ polymerase I promoter Protein phosphorylation endosomal transport cytoplasmic translation chromatin organization 0.00 0.05 0.10 0.15 Proportion



Without Cell Cycle | Without AreaShape | All Genes Cluster 40 of 42 Biological Process 0.02 0.00 0.04 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 41 of 42 Cellular Compartment 0.02 0.04 0.06 0.00 Proportion

Without Cell Cycle | Without AreaShape | All Genes Cluster 41 of 42 vacuole organization regulation of transport Biological Process organelle fission mitotic cell cycle cytokinesis -0.06 0.03 0.09 0.00 Proportion



Without Cell Cycle | Without AreaShape | All Genes Cluster 42 of 42 transcription from RNA polymerase II promoter signaling pseudohyphal growth protein modification by small_ protein conjugation or removal Biological Process invasive growth in response to. glucose limitation histone modification -DNA repair cytoskeleton organization chromatin organization cellular response to DNA damage stimulus 0.03 0.06 0.09 0.00 Proportion