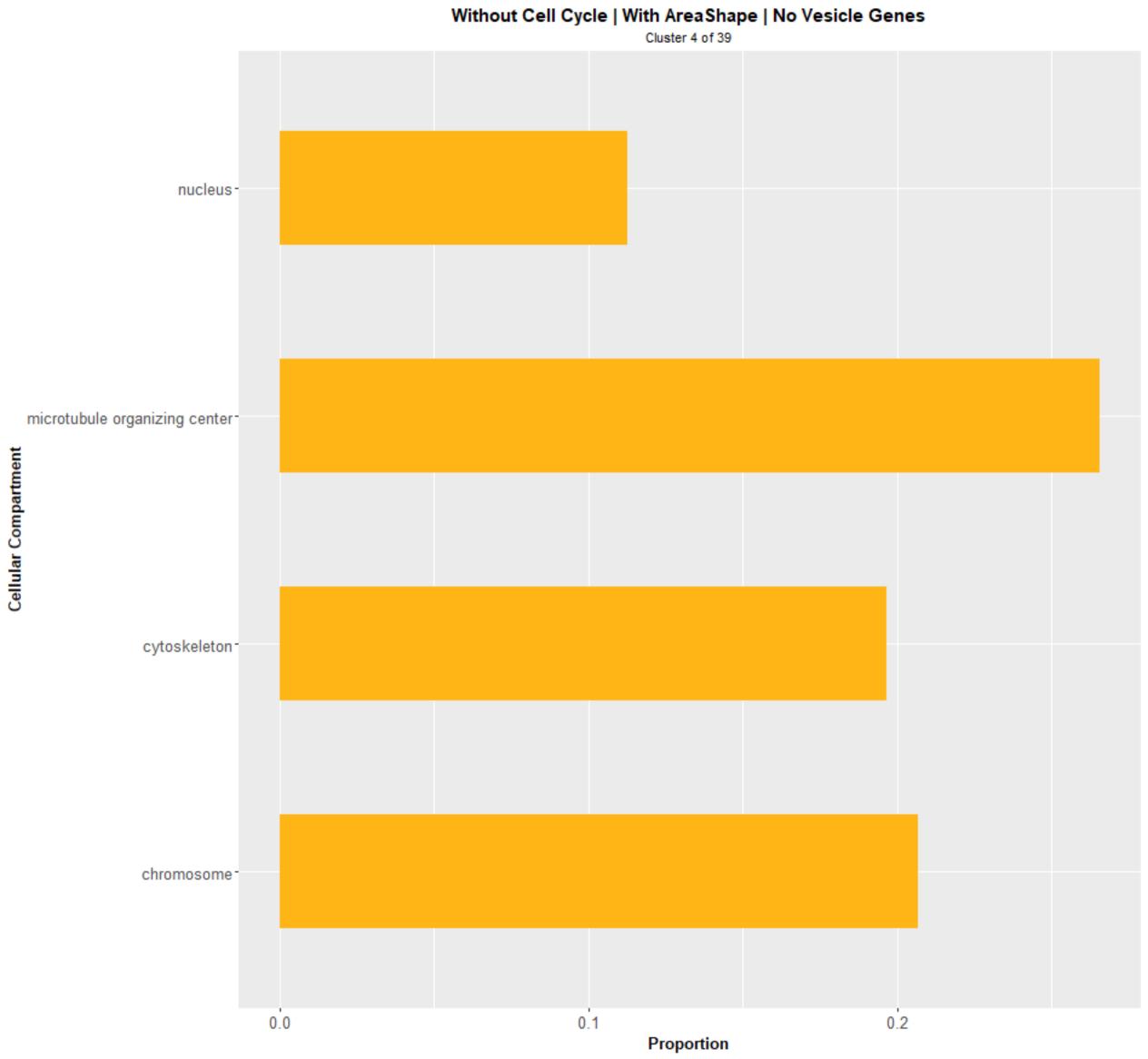
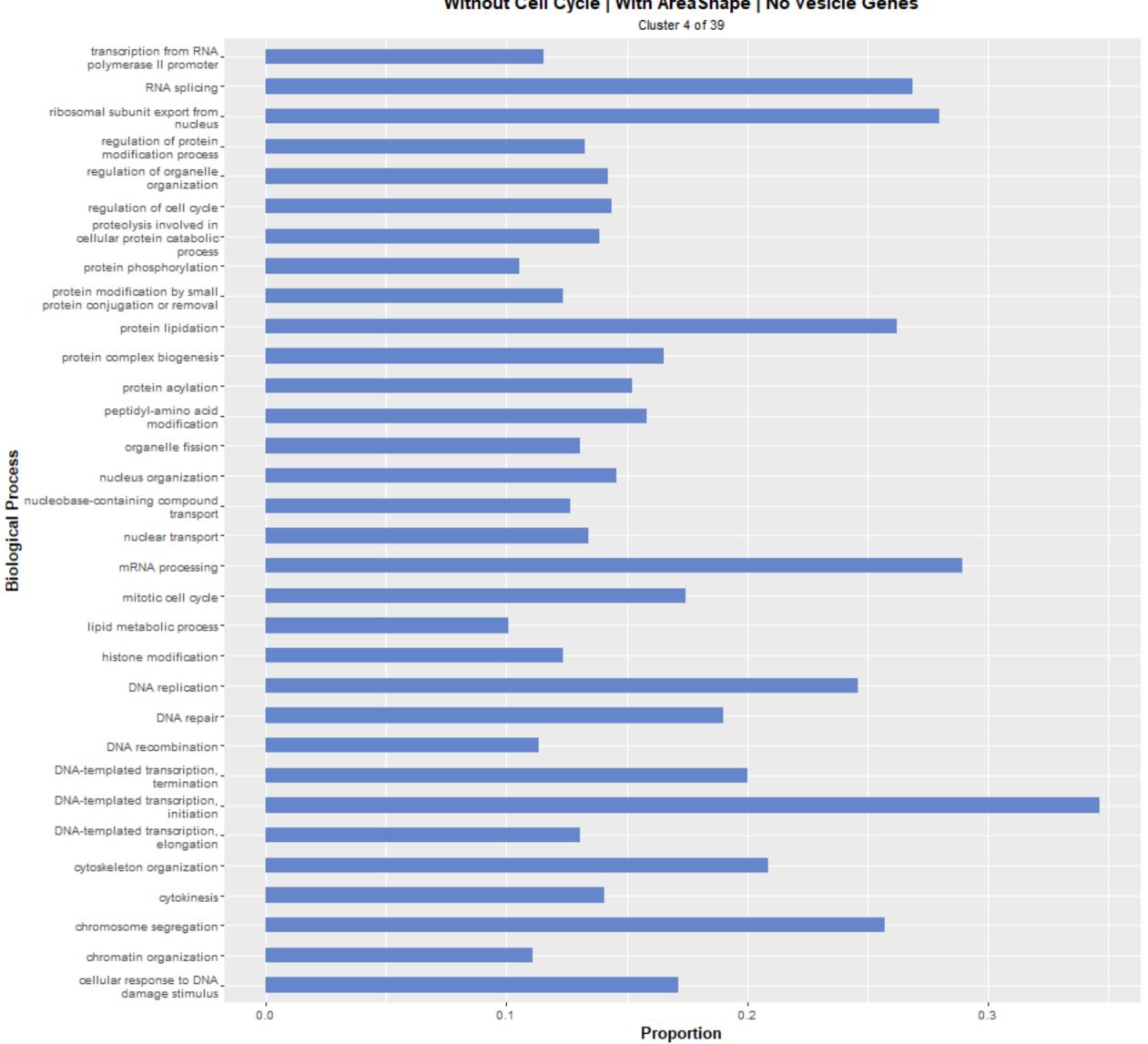
Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 3 of 39 nucleus-Cellular Compartment nucleolus-0.01 0.03 0.00 0.02 0.04 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 3 of 39 transcription from RNA polymerase III promoter transcription from RNA polymerase II promoter transcription from RNA polymerase I promoter snoRNA processing rRNA processing ribosomal subunit export from nucleus ribosomal large subunit biogenesis proteolysis involved in cellular protein catabolicprocess nuclear transport mRNA processing -DNA-templated transcription, initiation DNA-templated transcription, _ elongation 0.05 0.10 0.15 0.00 Proportion



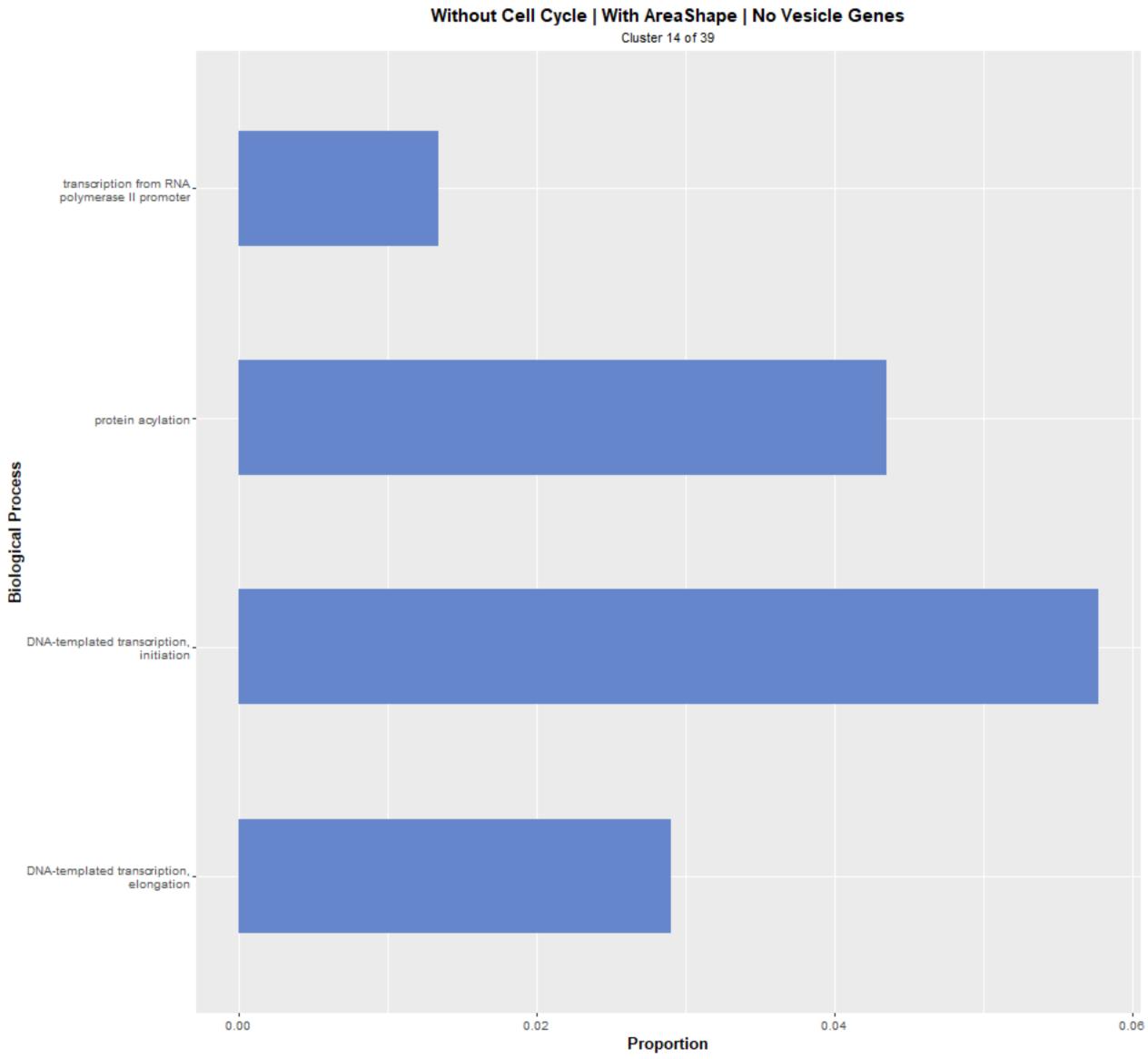
Without Cell Cycle | With AreaShape | No Vesicle Genes

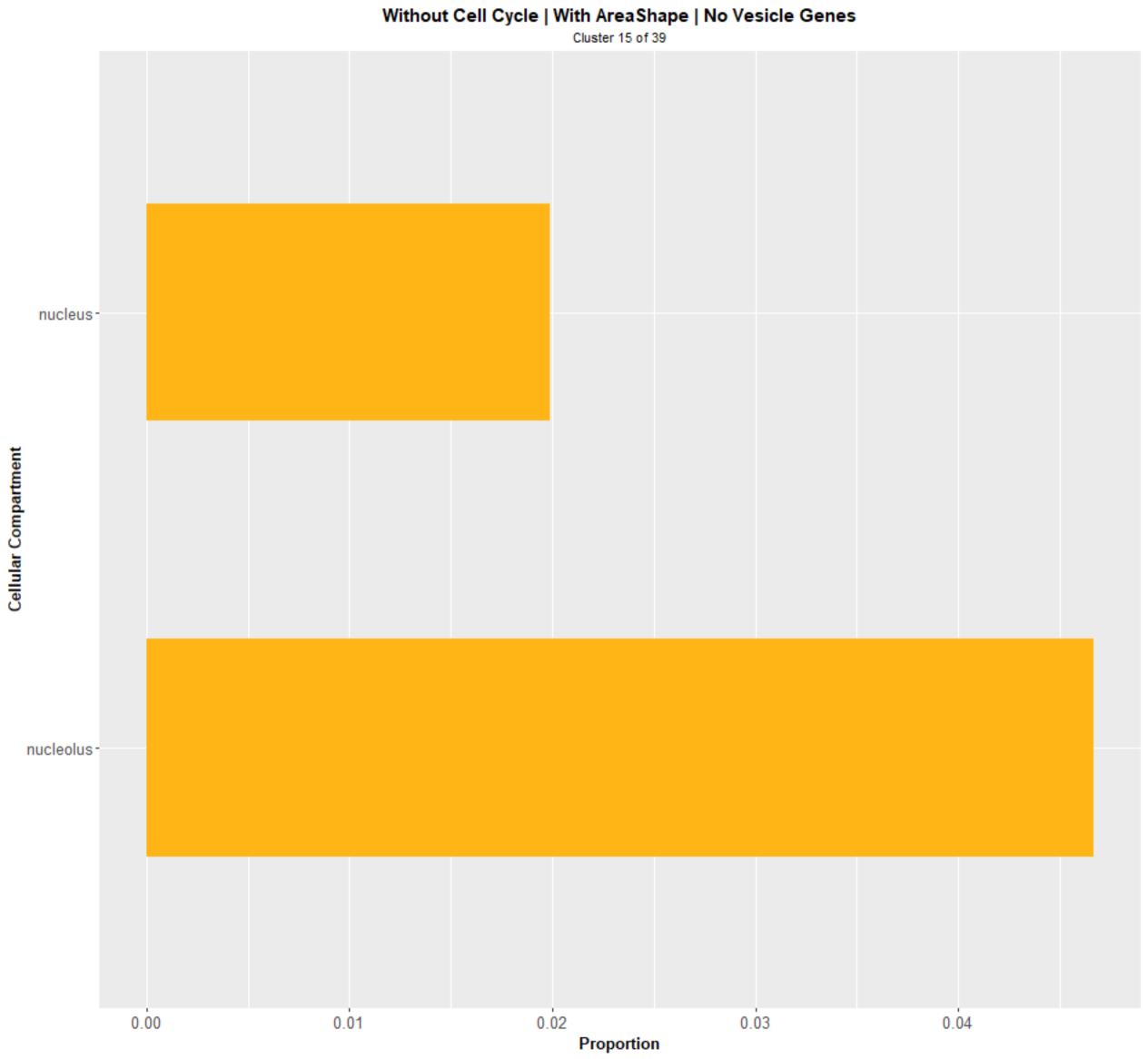


Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 7 of 39 nucleus-Cellular Compartment nucleolus-0.075 0.000 0.025 0.050 0.100 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 7 of 39 rRNA processing RNA modification ribosomal subunit export from nucleus Biological Process ribosomal small subunit_ biogenesis ribosomal large subunit_ biogenesis organelle fission -DNA replication -0.00 0.05 0.10 0.15 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 14 of 39 Cellular Compartment 0.002 0.000 0.001 0.003 0.004 0.005 Proportion





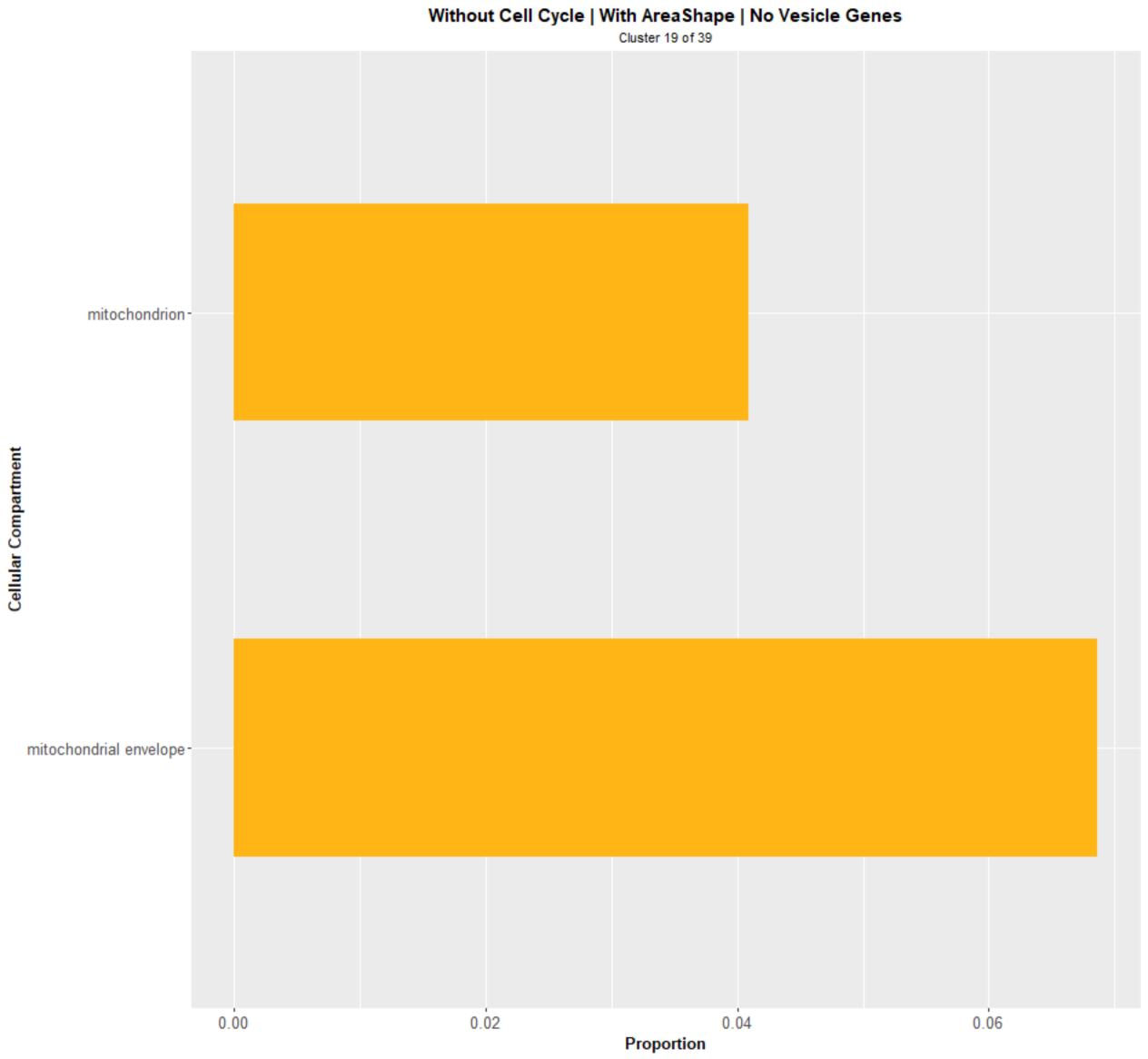
Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 15 of 39 tRNA aminoacylation for _ protein translation transcription from RNA polymerase III promoter snoRNA processing -Biological Process rRNA processing -RNA splicing mRNA processing DNA-templated transcription, termination 0.05 0.00 0.10 0.15 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 16 of 39 Cellular Compartment 0.000 0.002 0.004 0.006 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 16 of 39 Biological Process A second or seco 0.01 0.02 0.00 0.03 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 17 of 39 Cellular Compartment 0.000 0.003 0.006 0.009 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 18 of 39 protein alkylation Biological Process wordilication modification histone modification -0.10 0.00 0.05 0.15 Proportion

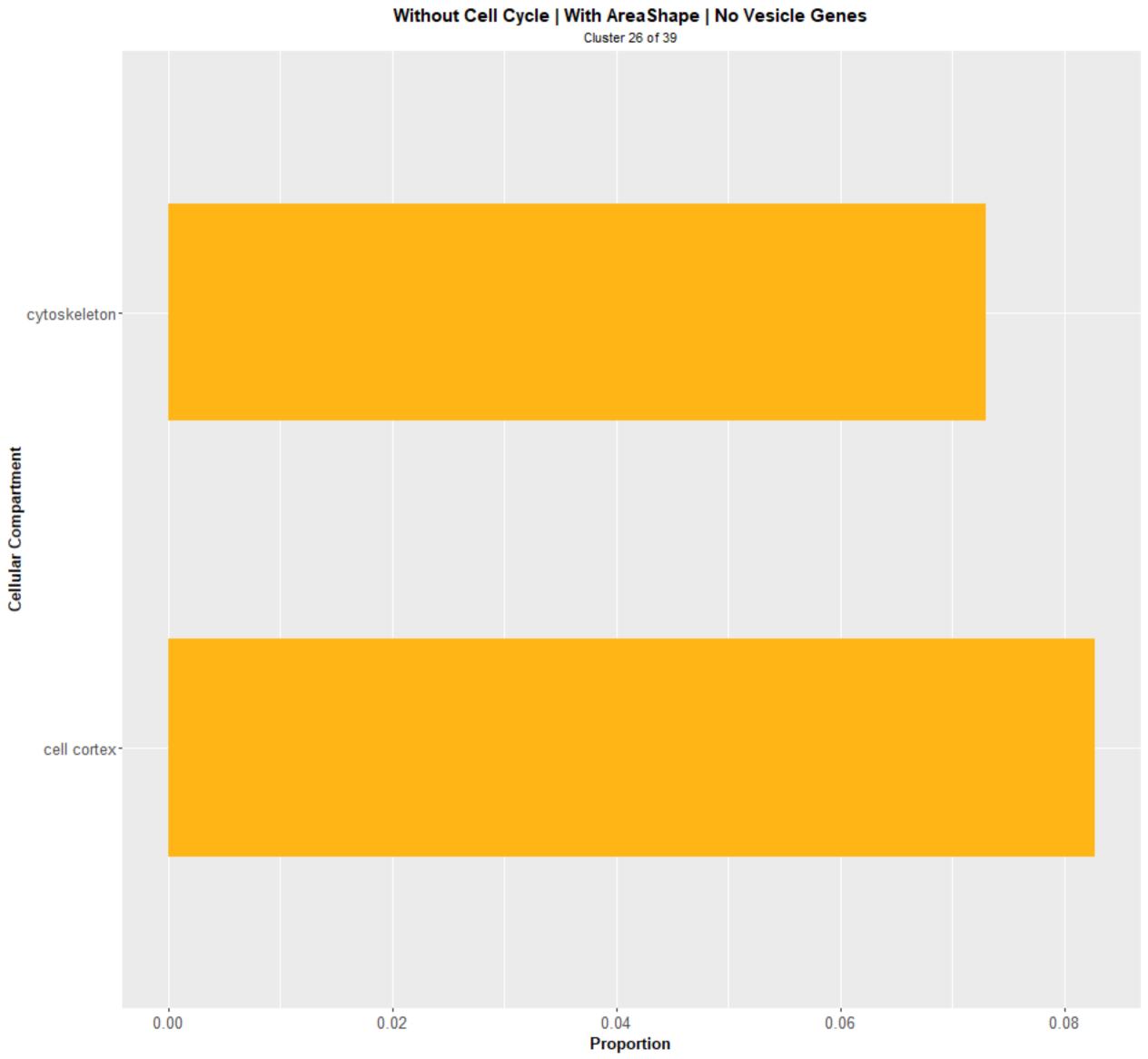


Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 19 of 39 transcription from RNA polymerase I promoter nucleobase-containing small_ molecule metabolic process mitochondrion organization -Biological Process mitochondrial translation ion transport cofactor metabolic process 0.00 0.05 0.10 0.15 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 21 of 39 protein acylation -Biological Process cytoplasmic translation -0.06 0.03 0.00 0.09 Proportion

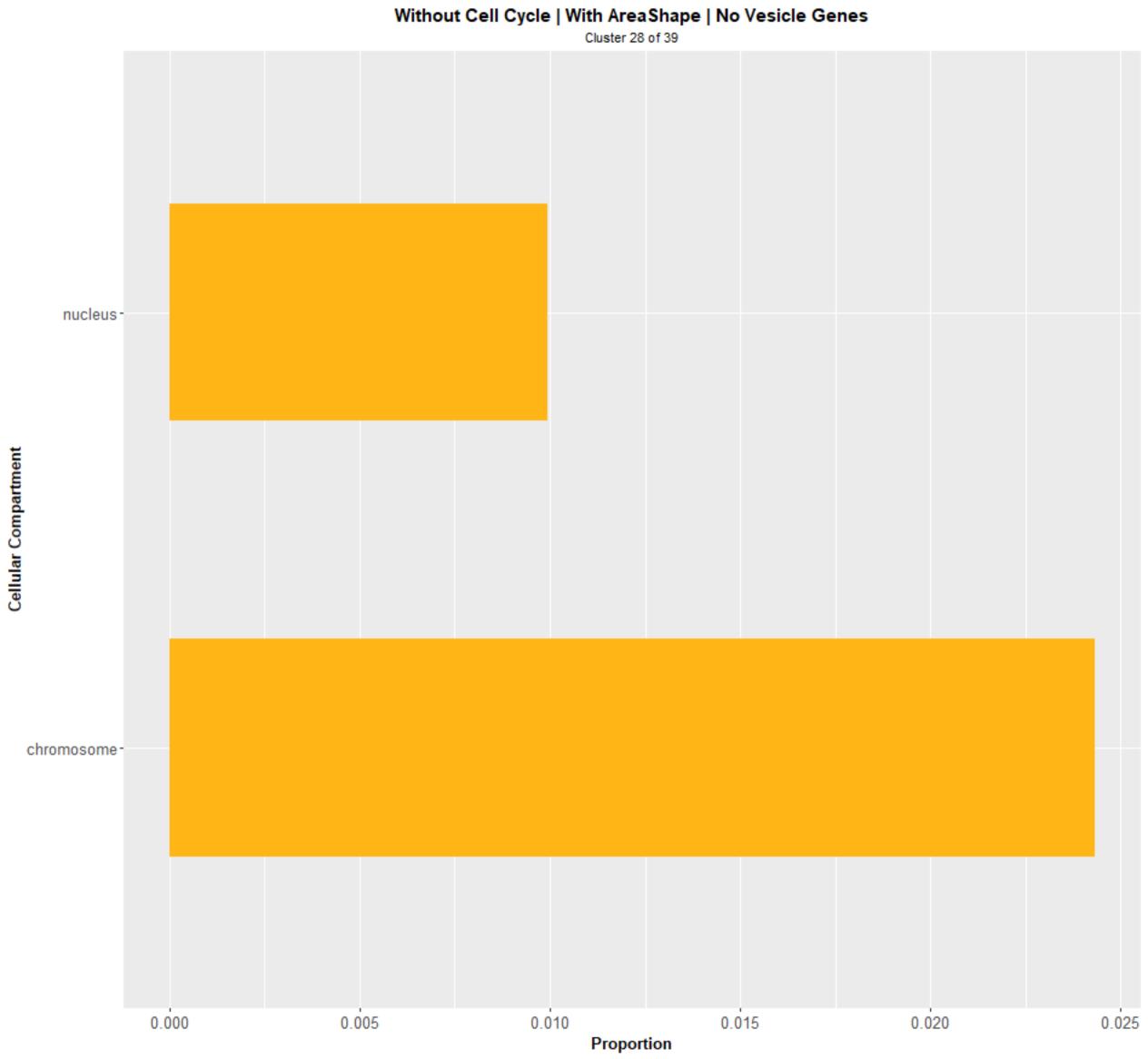
Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 22 of 39 regulation of transport Biological Process nuclear transport cytokinesis -0.050 0.000 0.025 0.075 0.100 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 24 of 39 Biological Process 0.06 0.03 0.09 0.00 Proportion



Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 26 of 39 Biological Process

uncleobase-containing compound transport 0.050 Proportion 0.025 0.075 0.000



Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 28 of 39 transposition telomere organization regulation of DNA metabolic_ process organelle fission -Biological Process mitotic cell cycle -DNA replication -DNA repair DNA recombination chromosome segregation cellular response to DNA damage stimulus 0.00 0.05 0.10 0.15 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 29 of 39 site of polarized growth Cellular Compartment cellular budcell cortex-0.01 0.03 0.04 0.02 0.00 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 29 of 39 transcription from RNA polymerase II promoter signaling response to chemicalregulation of transport-Biological Process regulation of protein_ modification process pseudohyphal growth protein phosphorylation invasive growth in response to _ glucose limitation cytoskeleton organization chromatin organization 0.06 0.00 0.03 0.09 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 33 of 39 ribosome-Cellular Compartment nucleolus-0.01 0.02 0.00 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 35 of 39 Biological Process-0.02 0.03 0.00 0.01 Proportion

Without Cell Cycle | With AreaShape | No Vesicle Genes Cluster 38 of 39 response to starvation -Biological Process cell wall organization or _ biogenesis 0.00 0.01 0.02 0.03 0.04 0.05 Proportion