

### Without Cell Cycle | Without AreaShape | No Vesicle 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

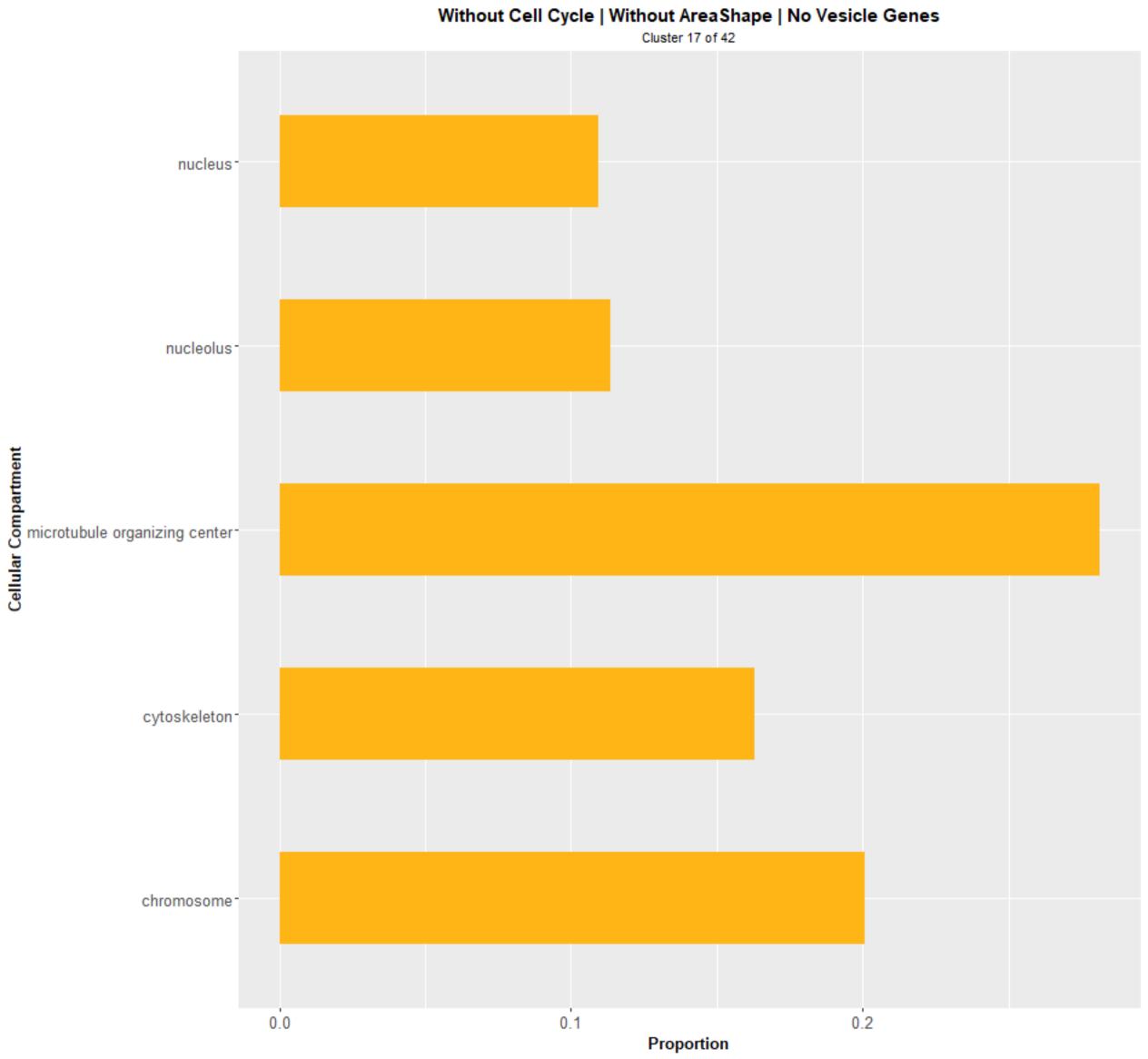
# Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 3 of 42 Cellular Compartment 0.0025 0.0050 0.0075 0.0000 Proportion

# Without Cell Cycle | Without Area Shape | No Vesicle Genes Cluster 9 of 42 Cellular Compartment 0.00 0.01 0.02 Proportion

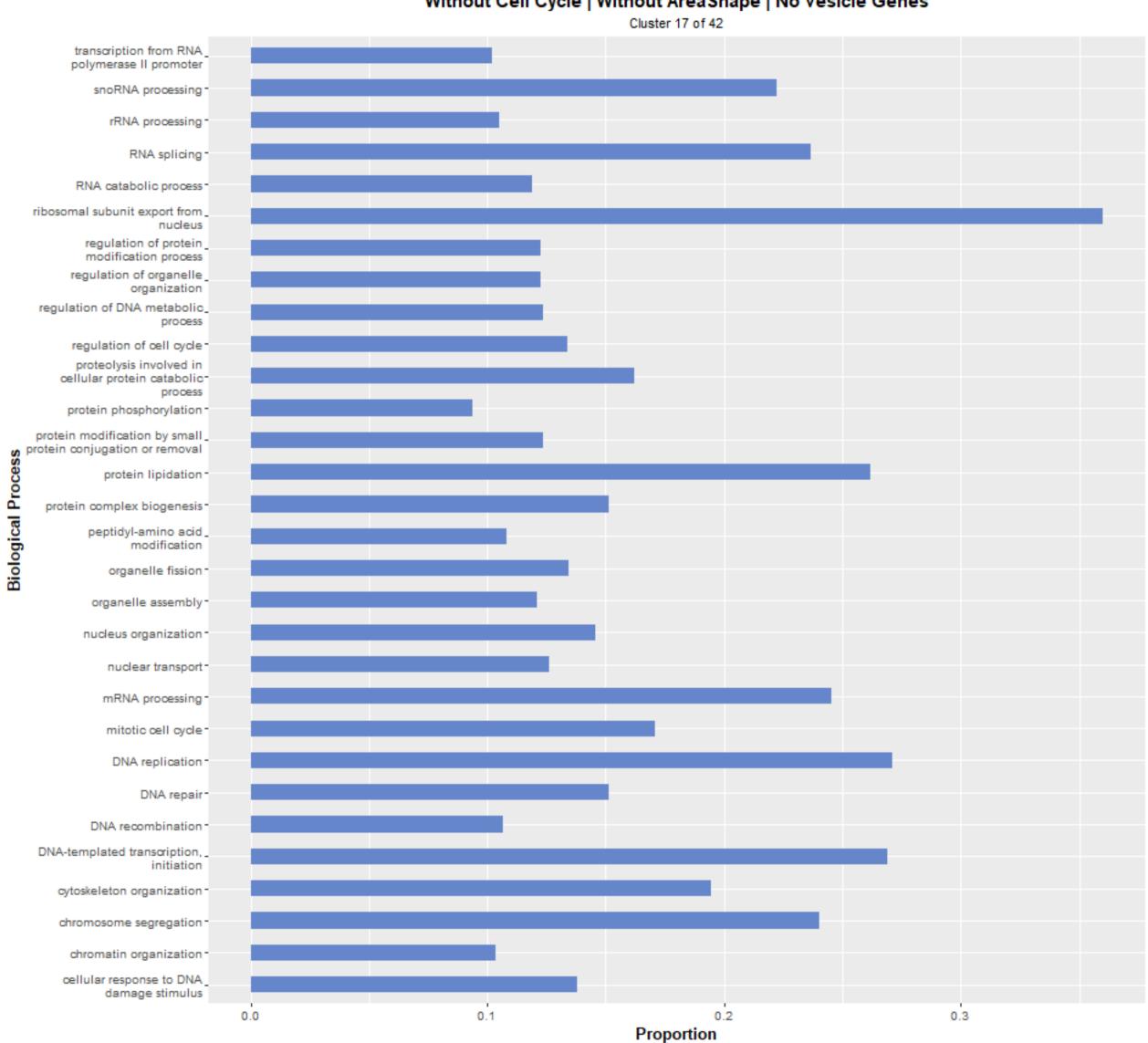
### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 9 of 42 transcription from RNA polymerase III promoter Biological Process transcription from RNA polymerase I promoter 0.04 0.00 0.02 0.06 Proportion

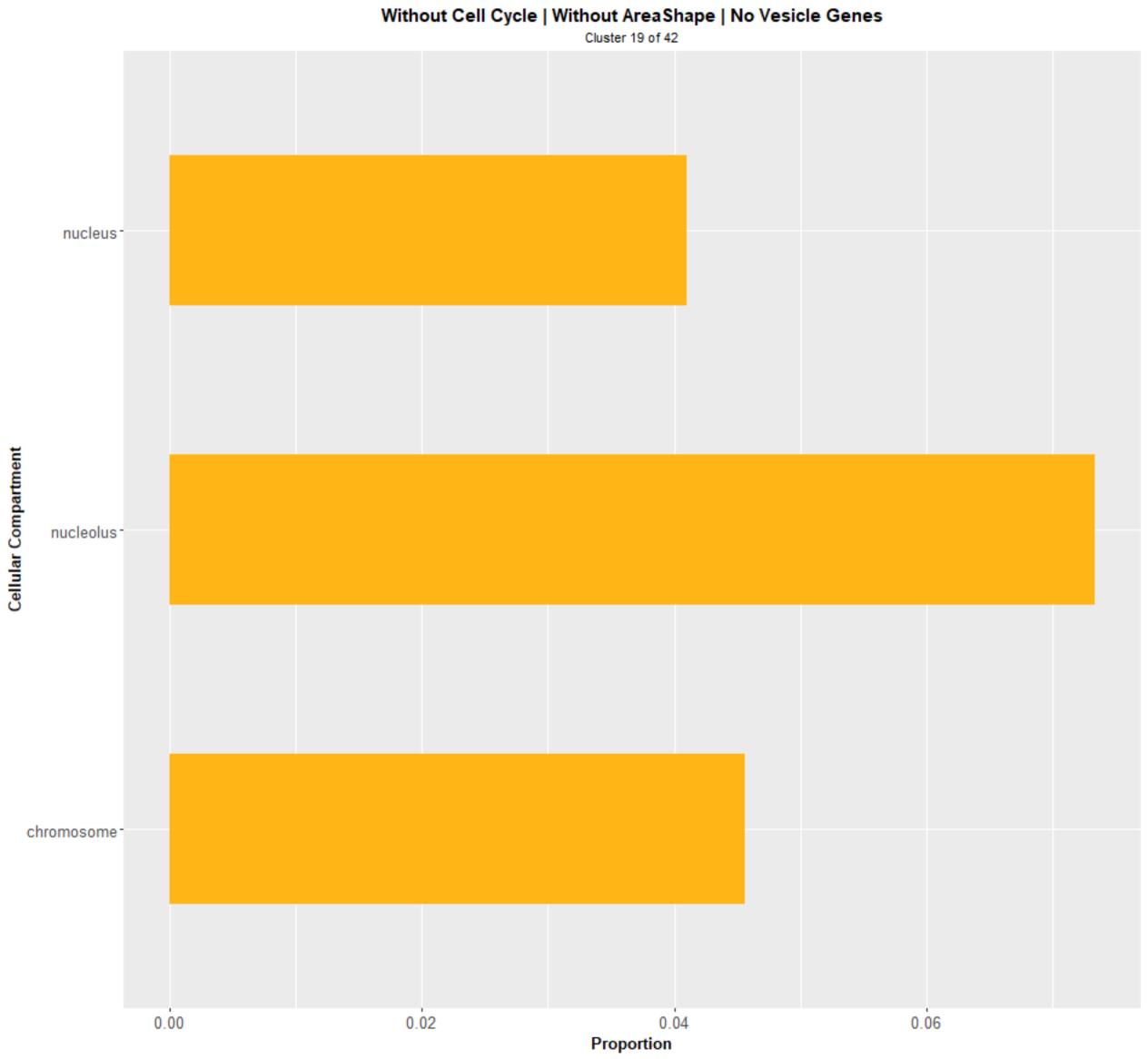
# Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 16 of 42 Cellular Compartment 0.000 0.002 0.004 0.006 Proportion

## Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 16 of 42 RNA splicing -Biological Process mRNA processing lipid metabolic process 0.02 0.00 0.04 Proportion



#### Without Cell Cycle | Without AreaShape | No Vesicle Genes





#### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 19 of 42 transcription from RNA polymerase II promoter rRNA processing ribosomal subunit export from\_ nucleus ribosomal large subunit\_ biogenesis nucleobase-containing compound. transport **Biological Process** 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

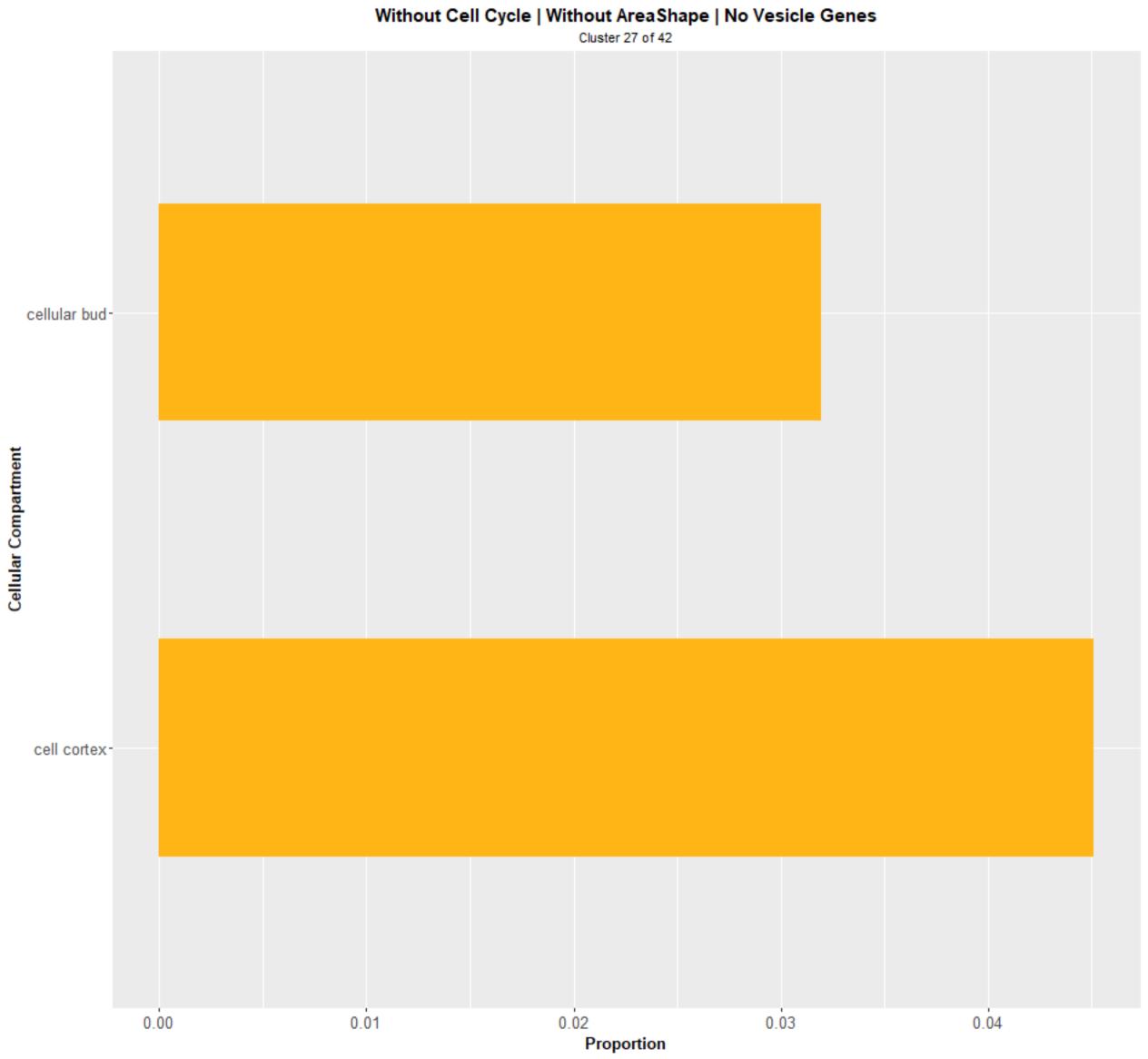
# Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 20 of 42 Cellular Compartment 0.01 0.02 0.00 Proportion

### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 21 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 Area Shape | No Vesicle Genes Cluster 23 of 42 Biological Process 0.05 0.00 0.10 0.15 Proportion

## Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 26 of 42 Cellular Compartment 0.0025 0.0050 0.0100 0.0125 0.0000 0.0075 Proportion

#### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 26 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 Area Shape | No Vesicle Genes Cluster 29 of 42 Cellular Compartment 0.01 0.02 0.00 Proportion

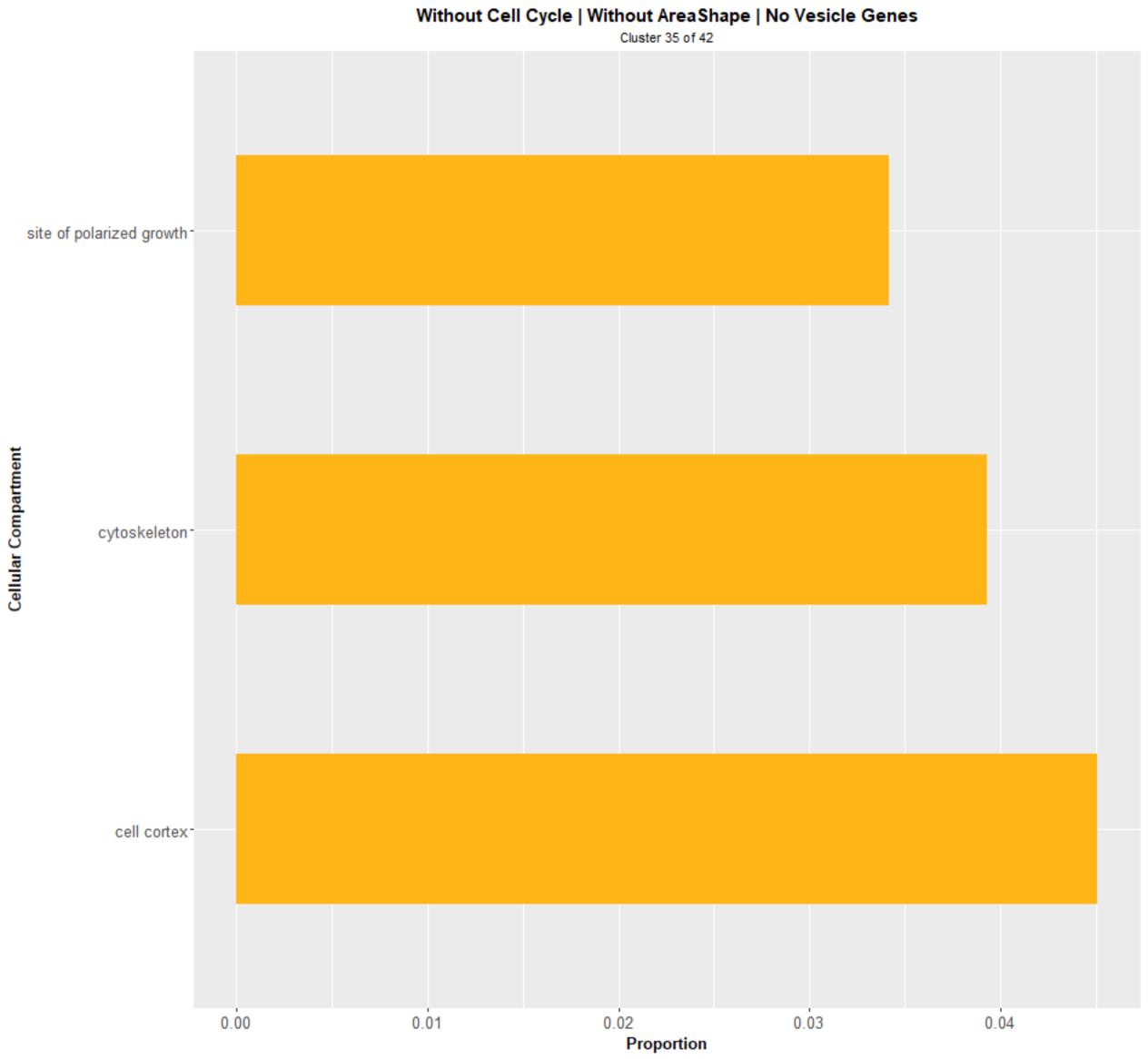
#### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 30 of 42 transcription from RNA polymerase II promoter transcription from RNA polymerase I promoter Protein phosphorylation endosomal transport cytoplasmic translation chromatin organization 0.00 0.05 0.10 0.15 Proportion

## Without Cell Cycle | Without Area Shape | No Vesicle Genes Cluster 33 of 42 Cellular Compartment 0.000 0.005 0.010 0.015 0.020 Proportion

# Without Cell Cycle | Without Area Shape | No Vesicle Genes Cluster 33 of 42 Biological Process 0.02 0.00 0.04 Proportion

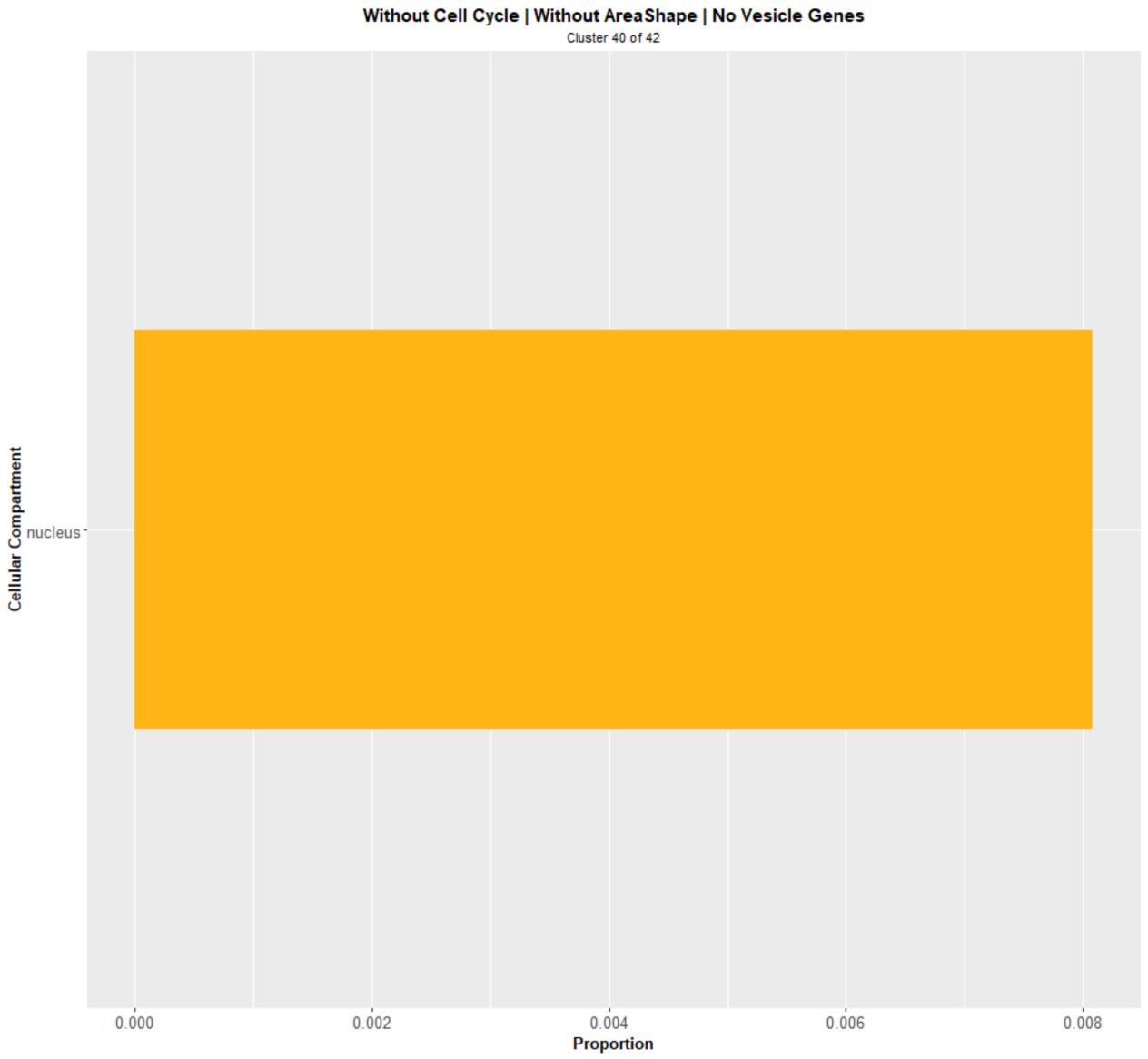
# Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 34 of 42 Cellular Compartment 0.02 0.06 0.00 0.04 Proportion

### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 34 of 42 vacuole organization regulation of transport Biological Process organelle fission mitotic cell cycle cytokinesis -0.03 0.06 0.09 0.00 Proportion



#### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 35 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

## Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 37 of 42 regulation of translation -Biological Process nuclear transport 0.04 0.00 0.02 0.06 Proportion



#### Without Cell Cycle | Without AreaShape | No Vesicle Genes Cluster 40 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