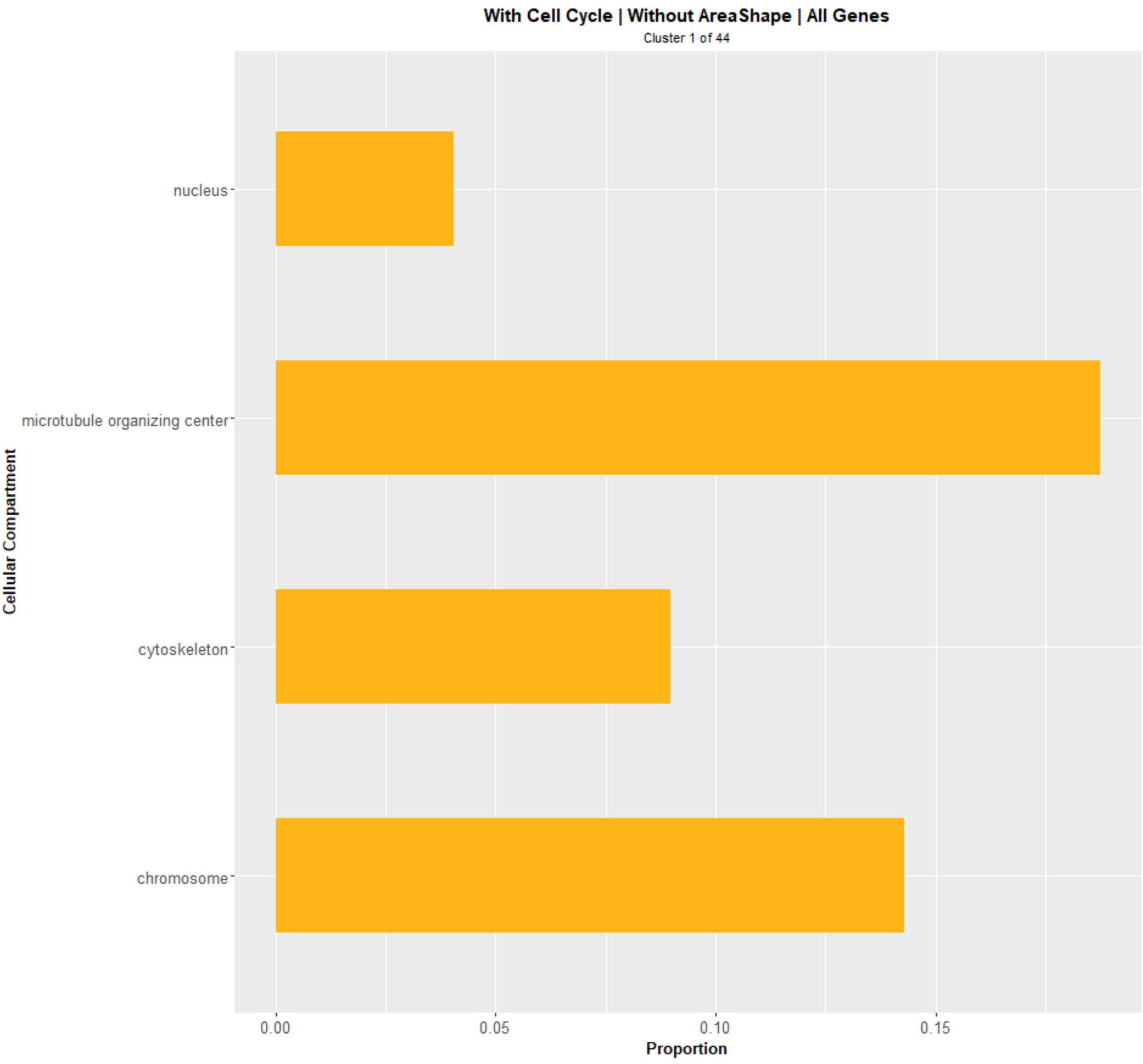
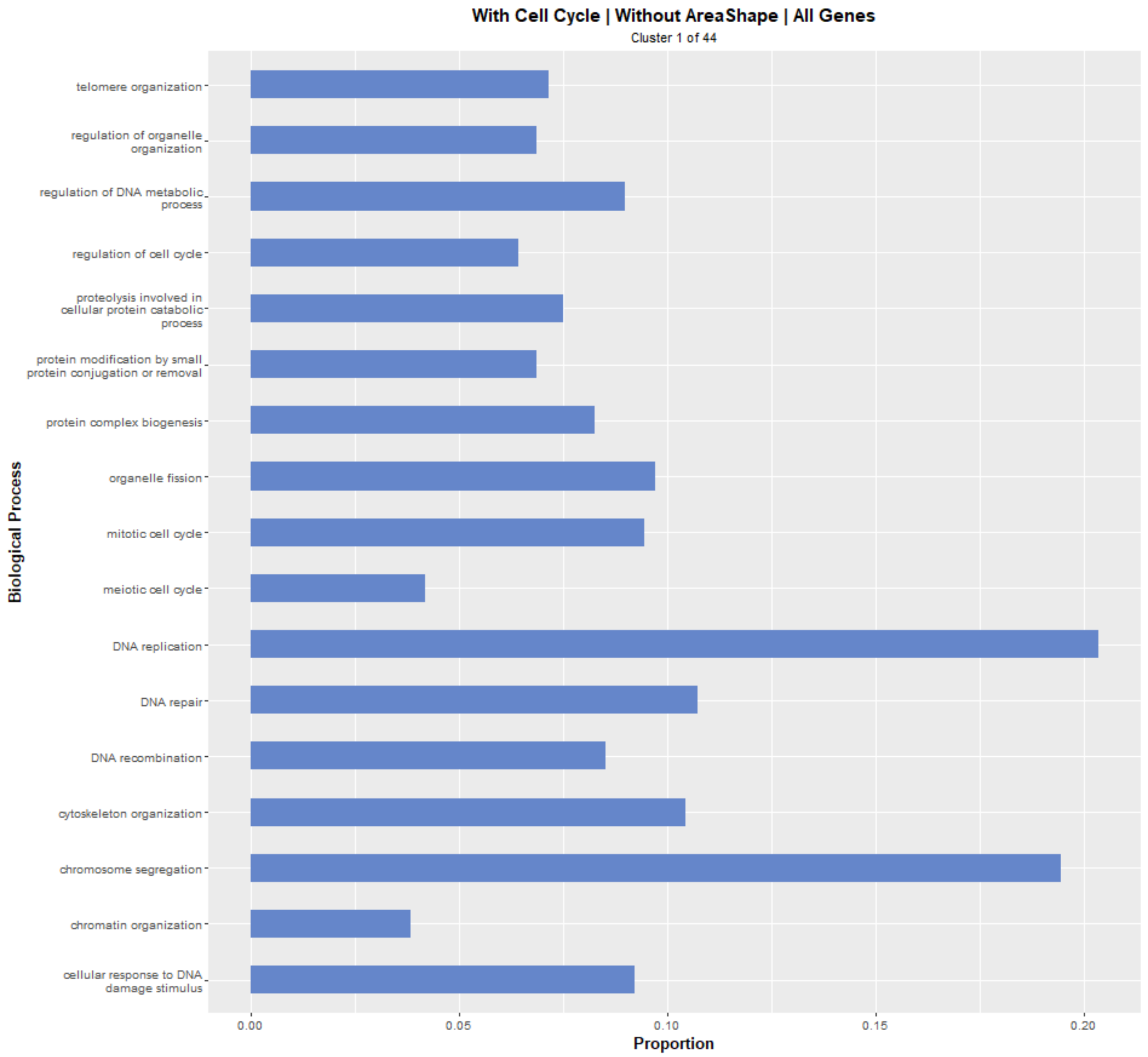
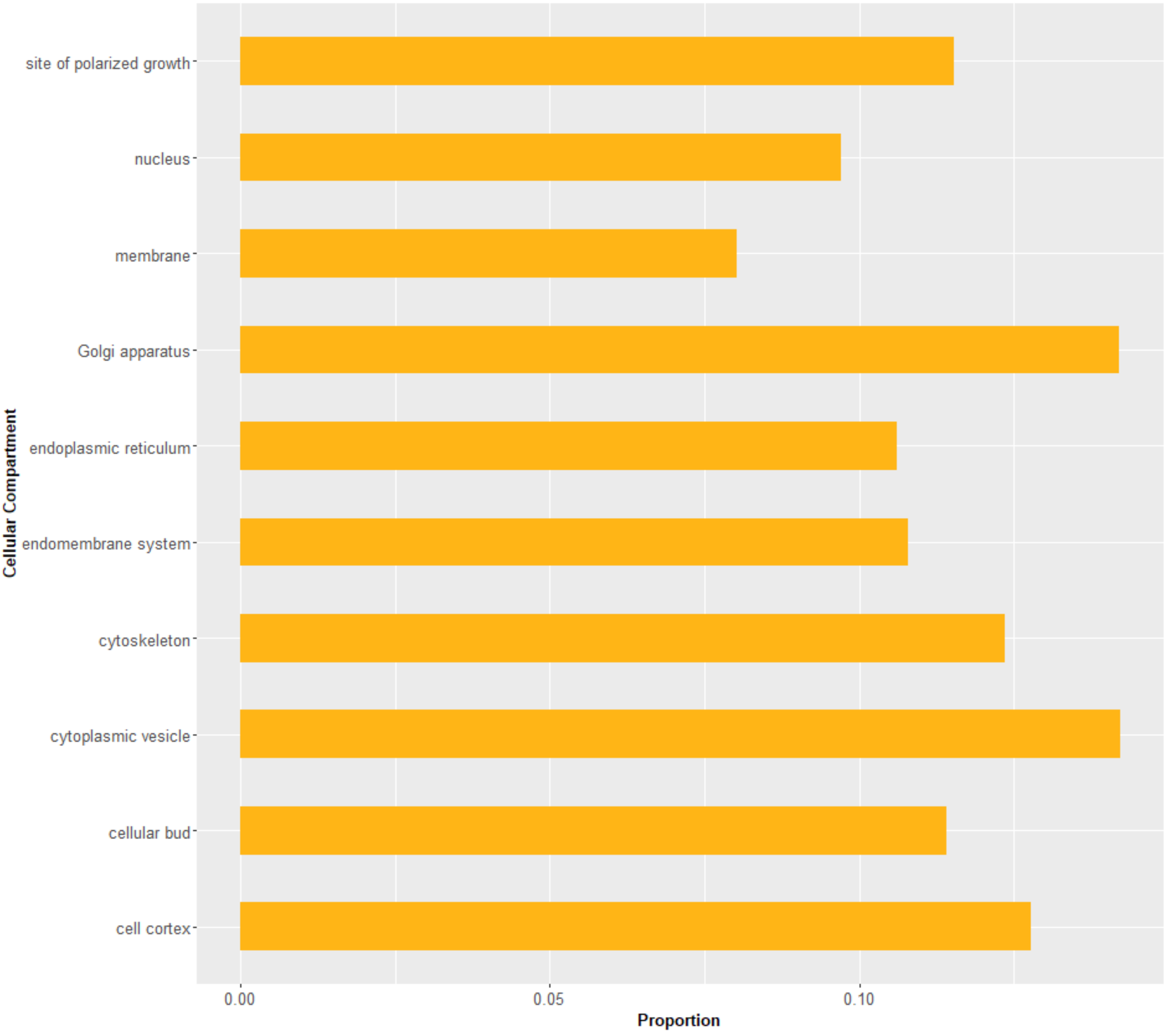

With Cell Cycle | Without AreaShape | All Genes
Cluster 1 of 44
Cellular Compartment
nucleus
microtubule organizing center
cytoskeleton
chromosome
0.00
0.05
0.10
0.15
Proportion


With Cell Cycle | Without AreaShape | All Genes
Cluster 1 of 44
telomere organization
regulation of organelle organization
regulation of DNA metabolic process
regulation of cell cycle
proteolysis involved in cellular protein catabolic process
protein modification by small protein conjugation or removal
protein complex biogenesis
organelle fission
mitotic cell cycle
meiotic cell cycle
DNA replication
DNA repair
DNA recombination
cytoskeleton organization
chromosome segregation
chromatin organization
cellular response to DNA damage stimulus
Biological Process
0.00
0.05
0.10
0.15
0.20
Proportion

With Cell Cycle | Without AreaShape | All Genes

Cluster 3 of 44



With Cell Cycle | Without AreaShape | All Genes

Cluster 3 of 44

vesicle organization
translational initiation
transcription from RNA polymerase II promoter
snoRNA processing
RNA splicing
ribosomal subunit export from nucleus
protein targeting
protein lipidation
protein complex biogenesis
protein acylation
peptidyl-amino acid modification
organelle inheritance
organelle fusion
nucleus organization
nucleobase-containing compound transport
nuclear transport
mRNA processing
membrane fusion
lipid metabolic process
Golgi vesicle transport
exocytosis
DNA-templated transcription, termination
DNA-templated transcription, initiation
DNA-templated transcription, elongation
cytoskeleton organization
cytokinesis

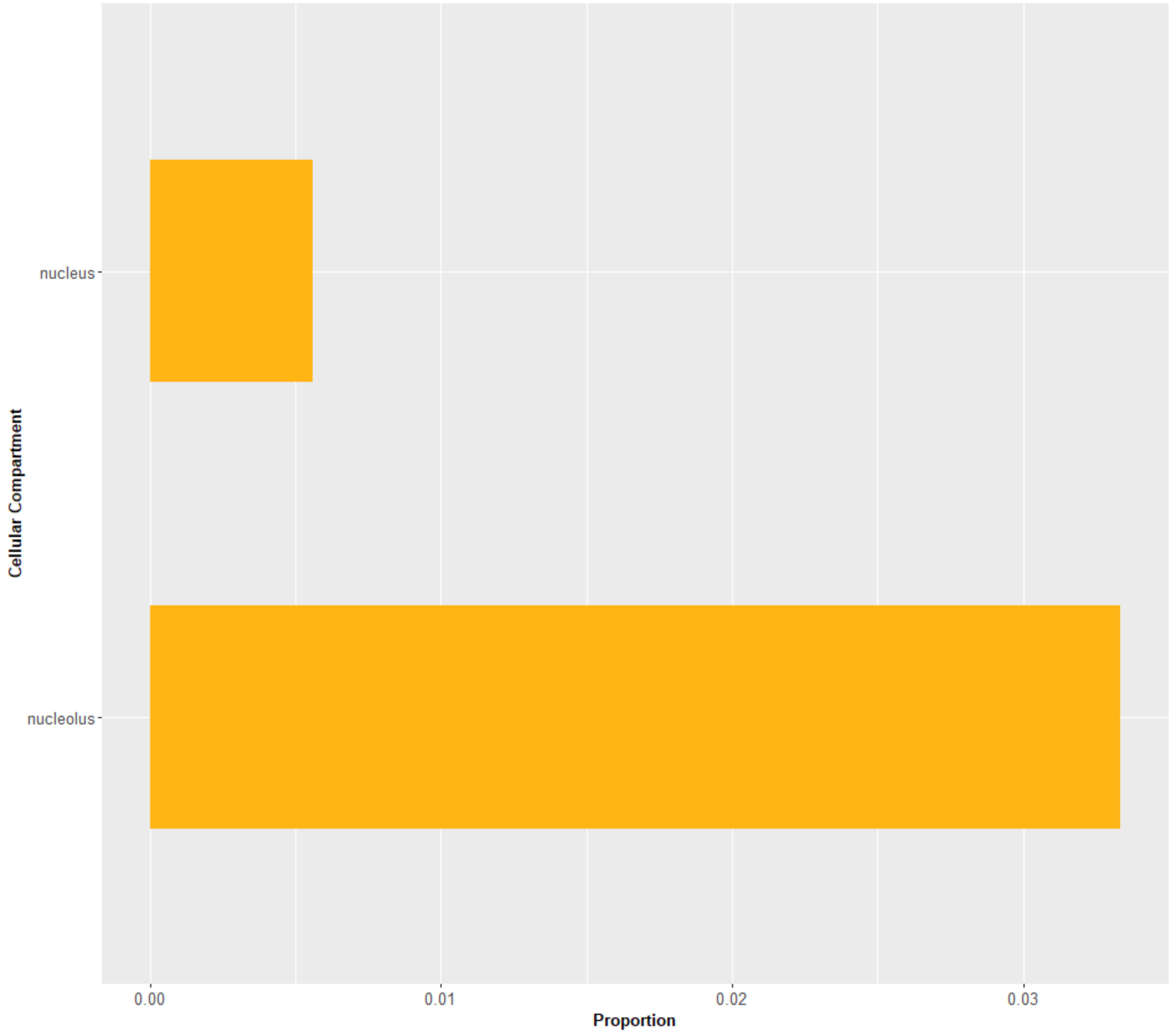
Biological Process

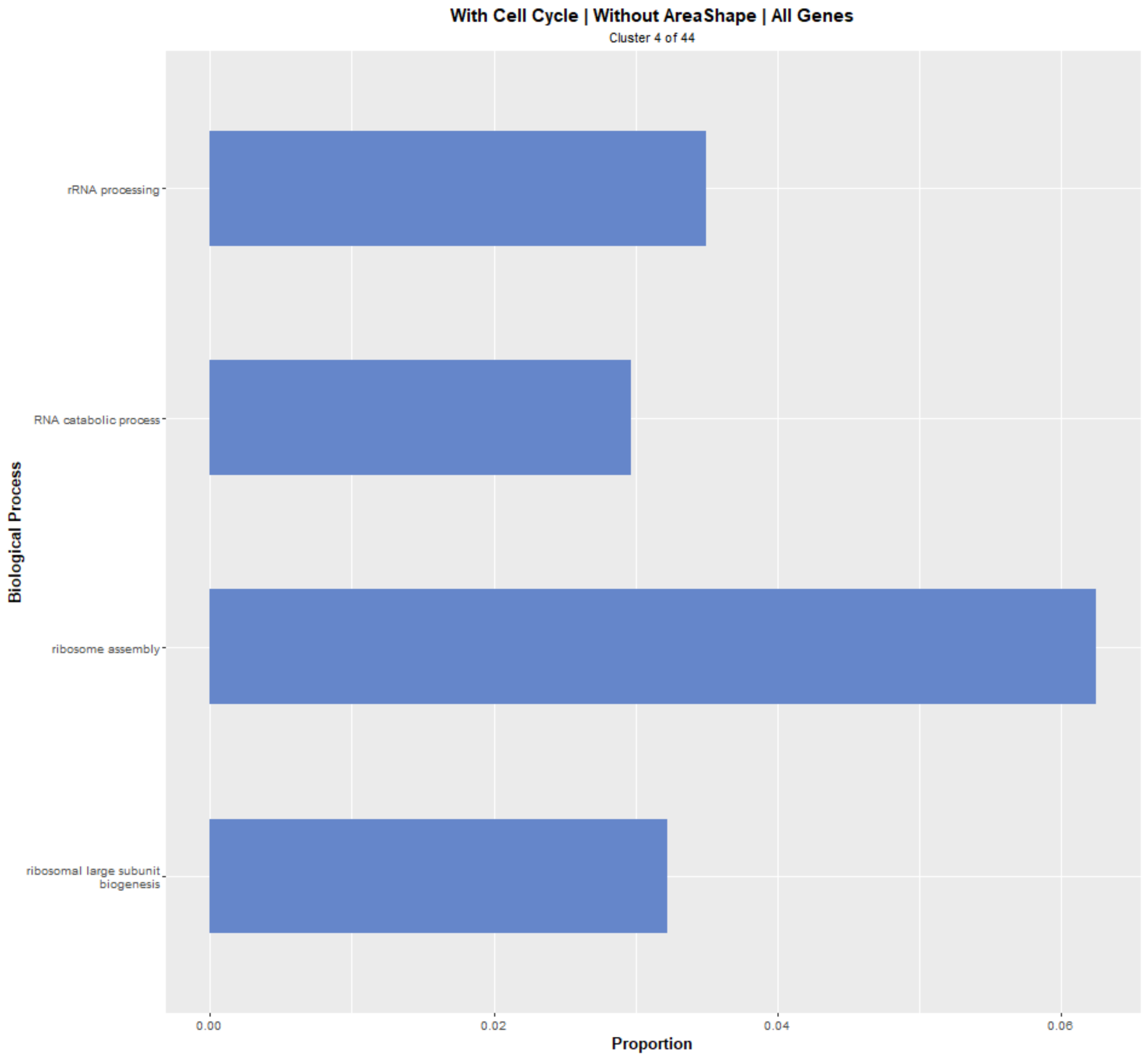
0.0
0.1
0.2
0.3
0.4

Proportion

With Cell Cycle | Without AreaShape | All Genes

Cluster 4 of 44




With Cell Cycle | Without AreaShape | All Genes
Cluster 4 of 44
rRNA processing
RNA catabolic process
ribosome assembly
ribosomal large subunit biogenesis
Biological Process
0.00
0.02
0.04
0.06
Proportion

With Cell Cycle | Without AreaShape | All Genes

Cluster 9 of 44

Cellular Compartment

mitochondrion

mitochondrial envelope

0.00

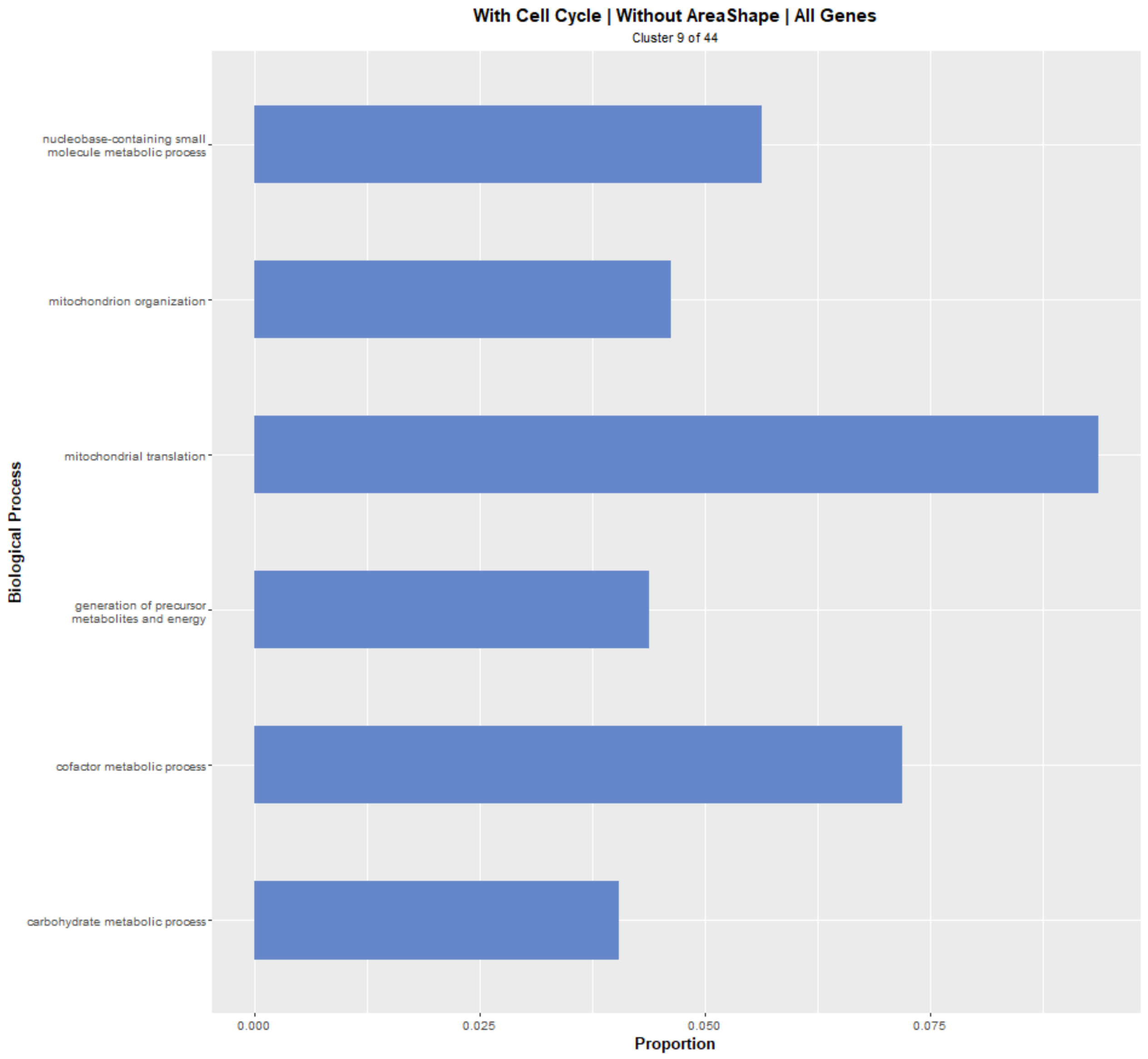
0.01

0.02

0.03

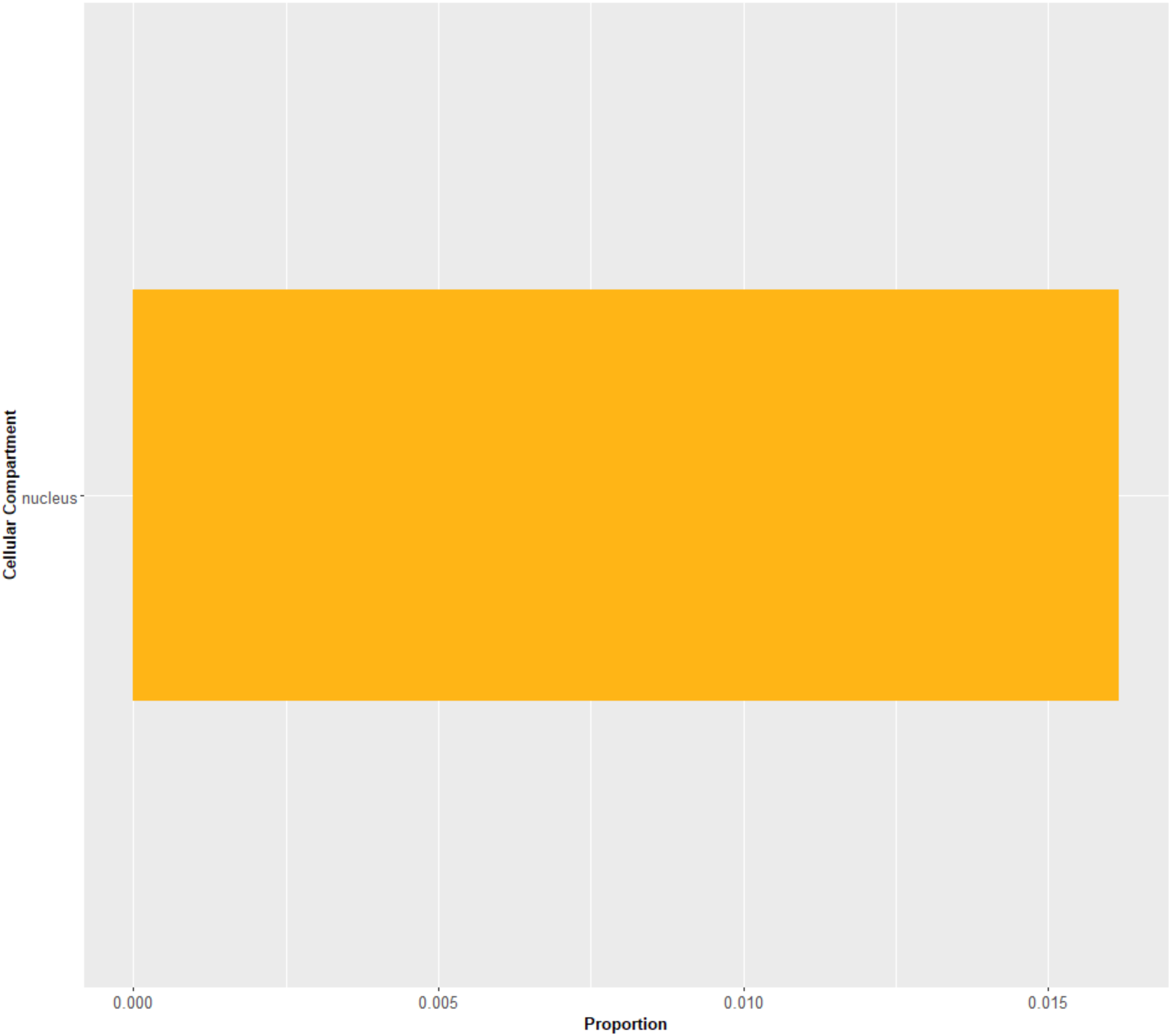
0.04

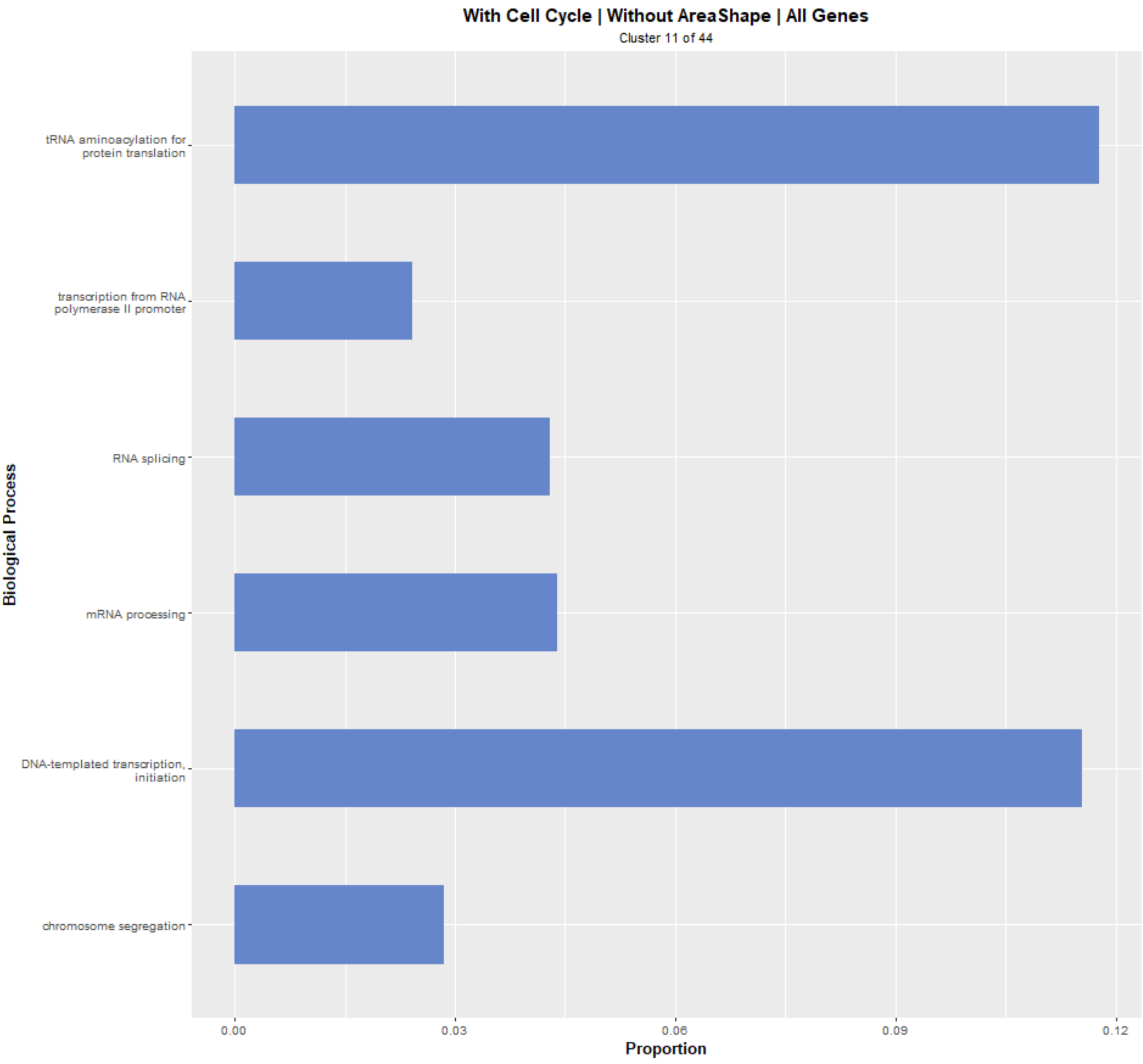
Proportion


With Cell Cycle | Without AreaShape | All Genes
Cluster 9 of 44
nucleobase-containing small molecule metabolic process
mitochondrion organization
mitochondrial translation
generation of precursor metabolites and energy
cofactor metabolic process
carbohydrate metabolic process
Biological Process
0.000
0.025
0.050
0.075
Proportion

With Cell Cycle | Without AreaShape | All Genes

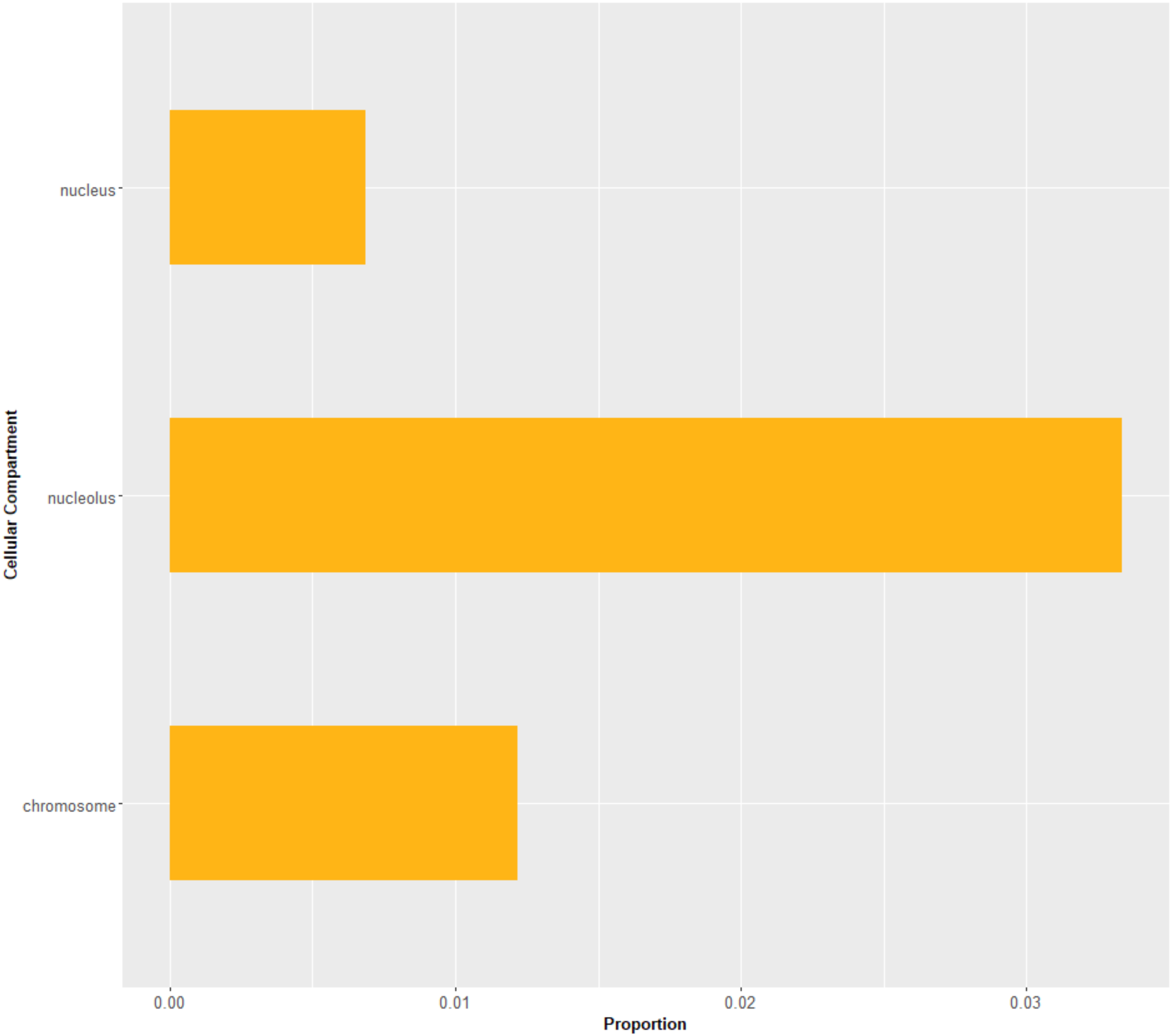
Cluster 11 of 44




With Cell Cycle | Without AreaShape | All Genes
Cluster 11 of 44
tRNA aminoacylation for protein translation
transcription from RNA polymerase II promoter
RNA splicing
mRNA processing
DNA-templated transcription, initiation
chromosome segregation
Biological Process
0.00
0.03
0.06
0.09
0.12
Proportion

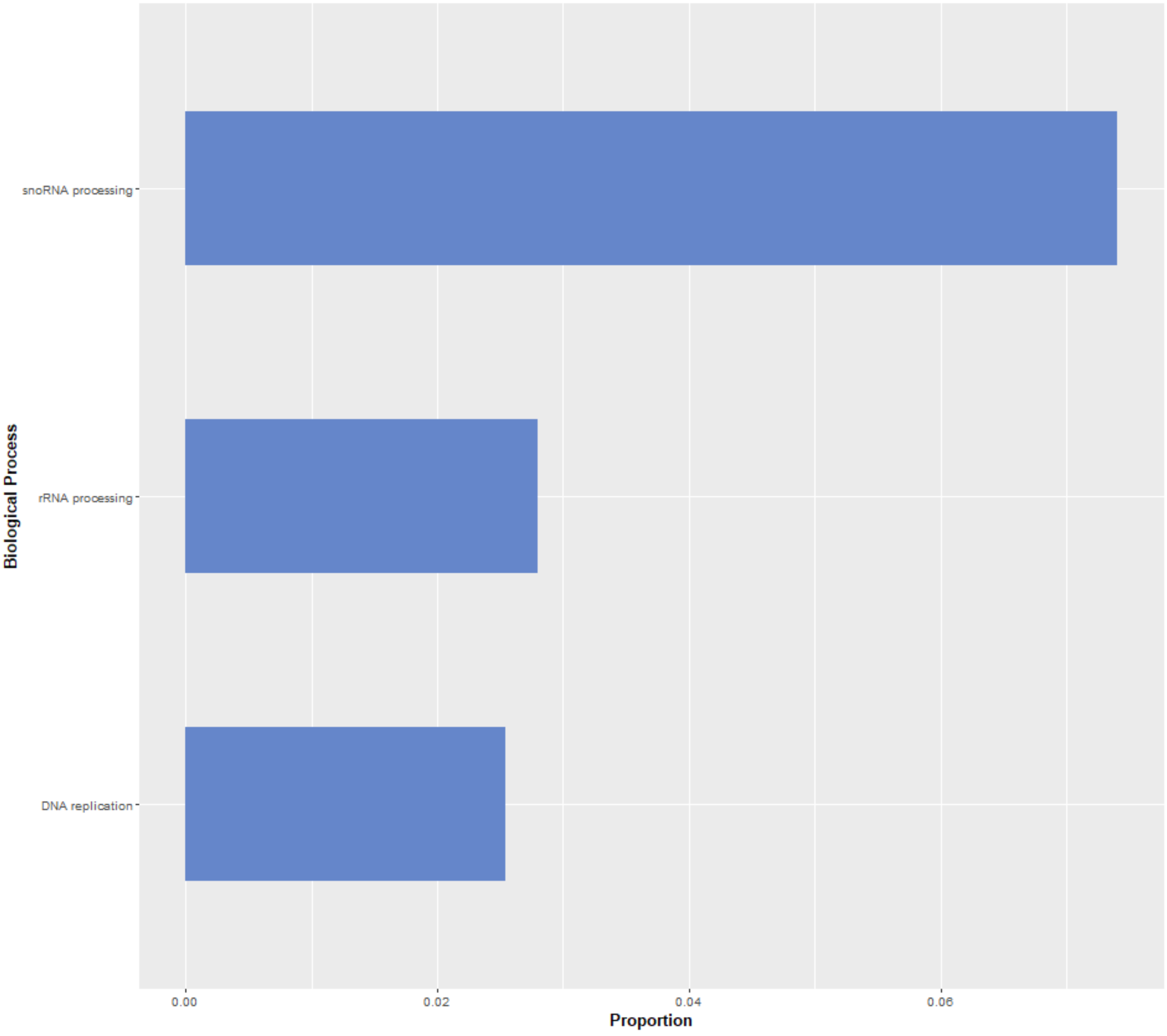
With Cell Cycle | Without AreaShape | All Genes

Cluster 15 of 44



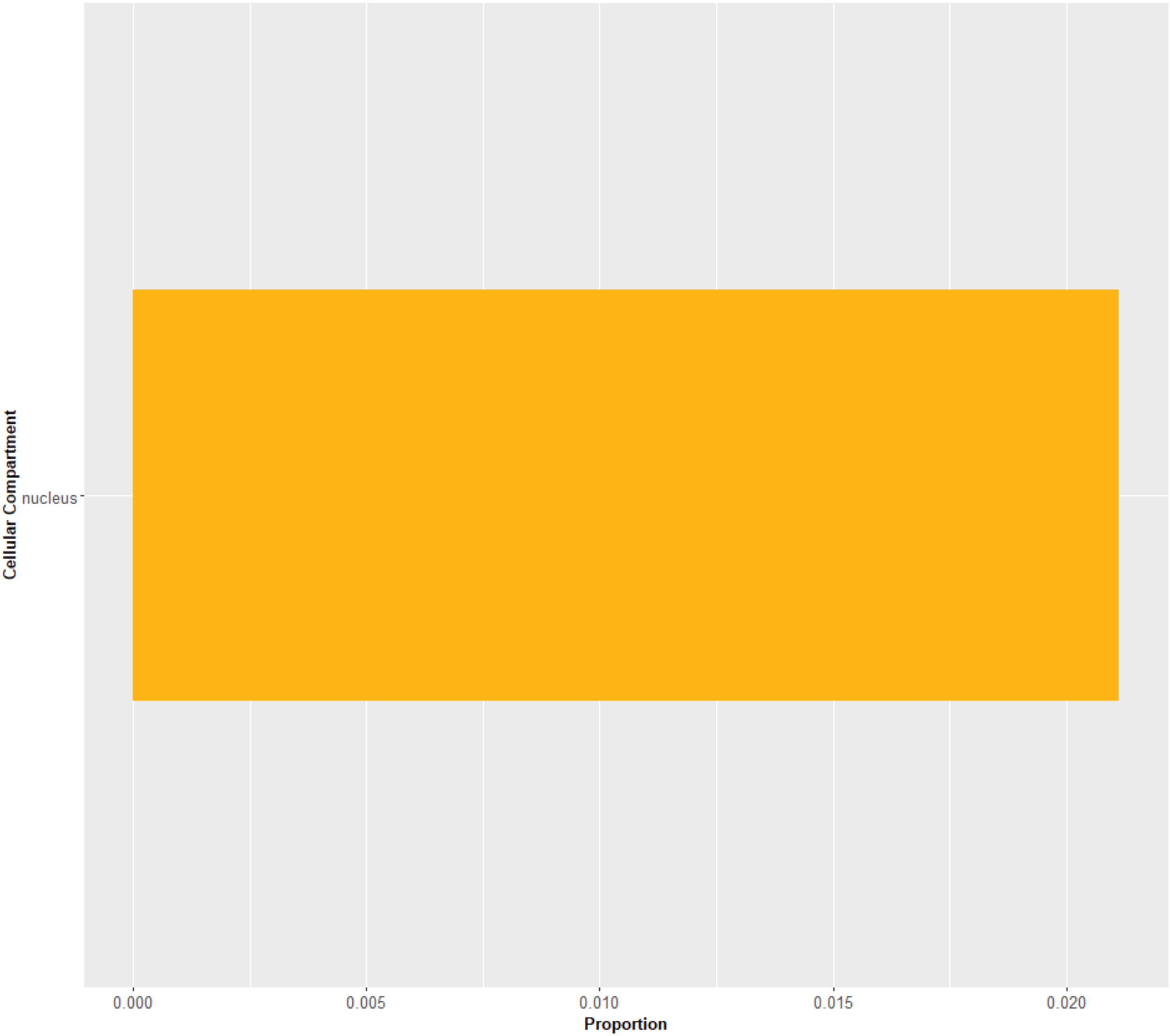
With Cell Cycle | Without AreaShape | All Genes

Cluster 15 of 44



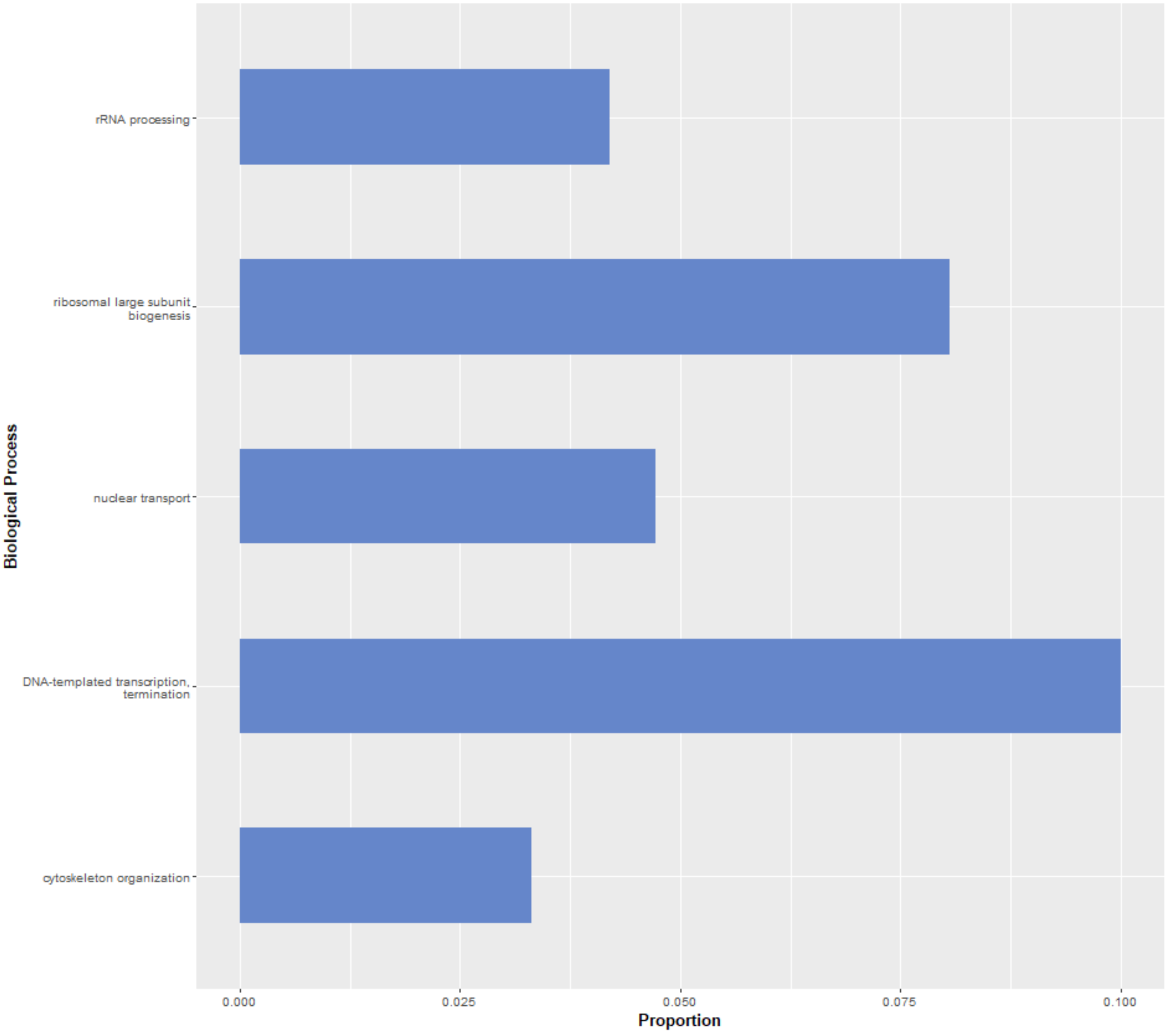
With Cell Cycle | Without AreaShape | All Genes

Cluster 16 of 44



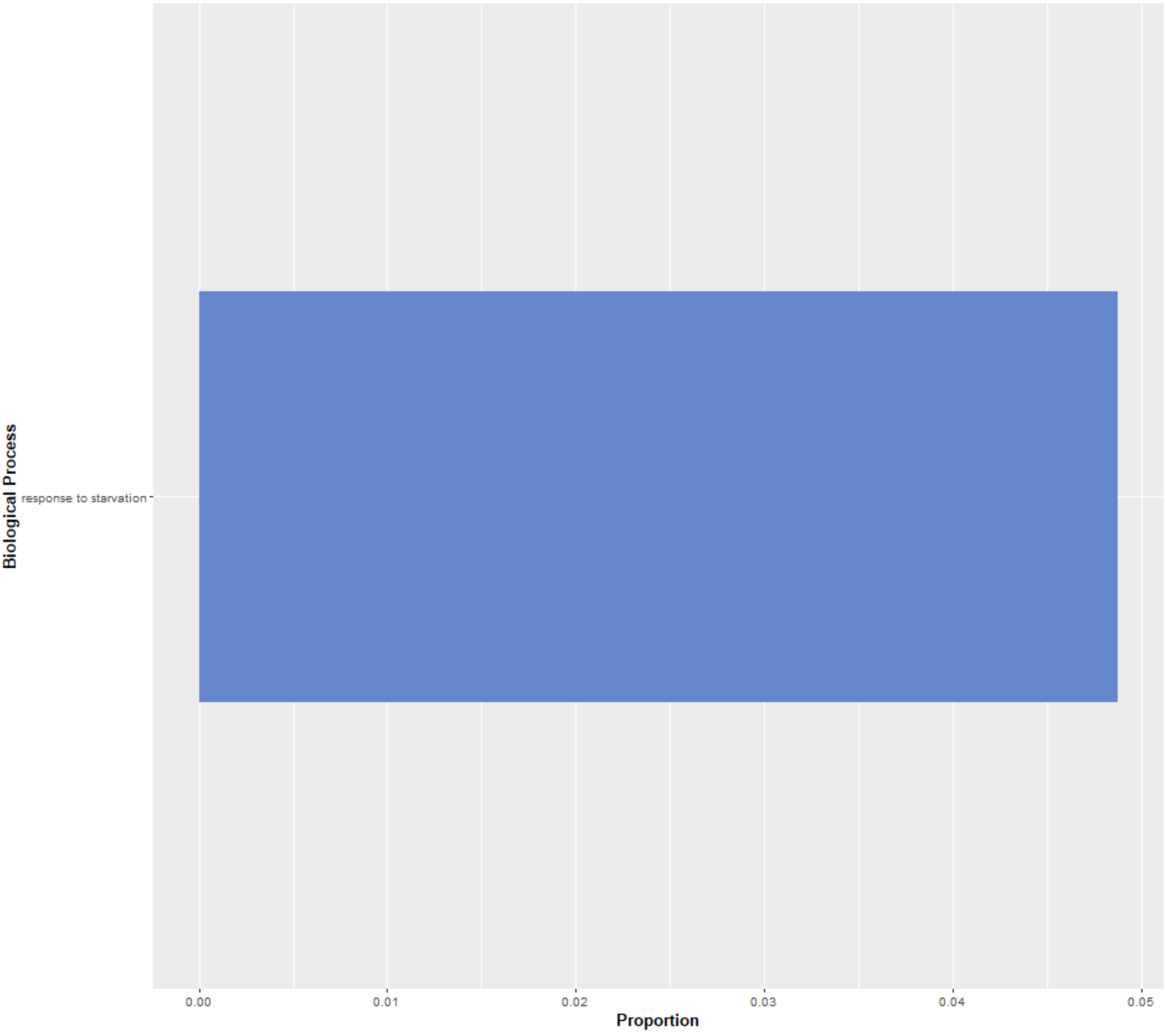
With Cell Cycle | Without AreaShape | All Genes

Cluster 16 of 44



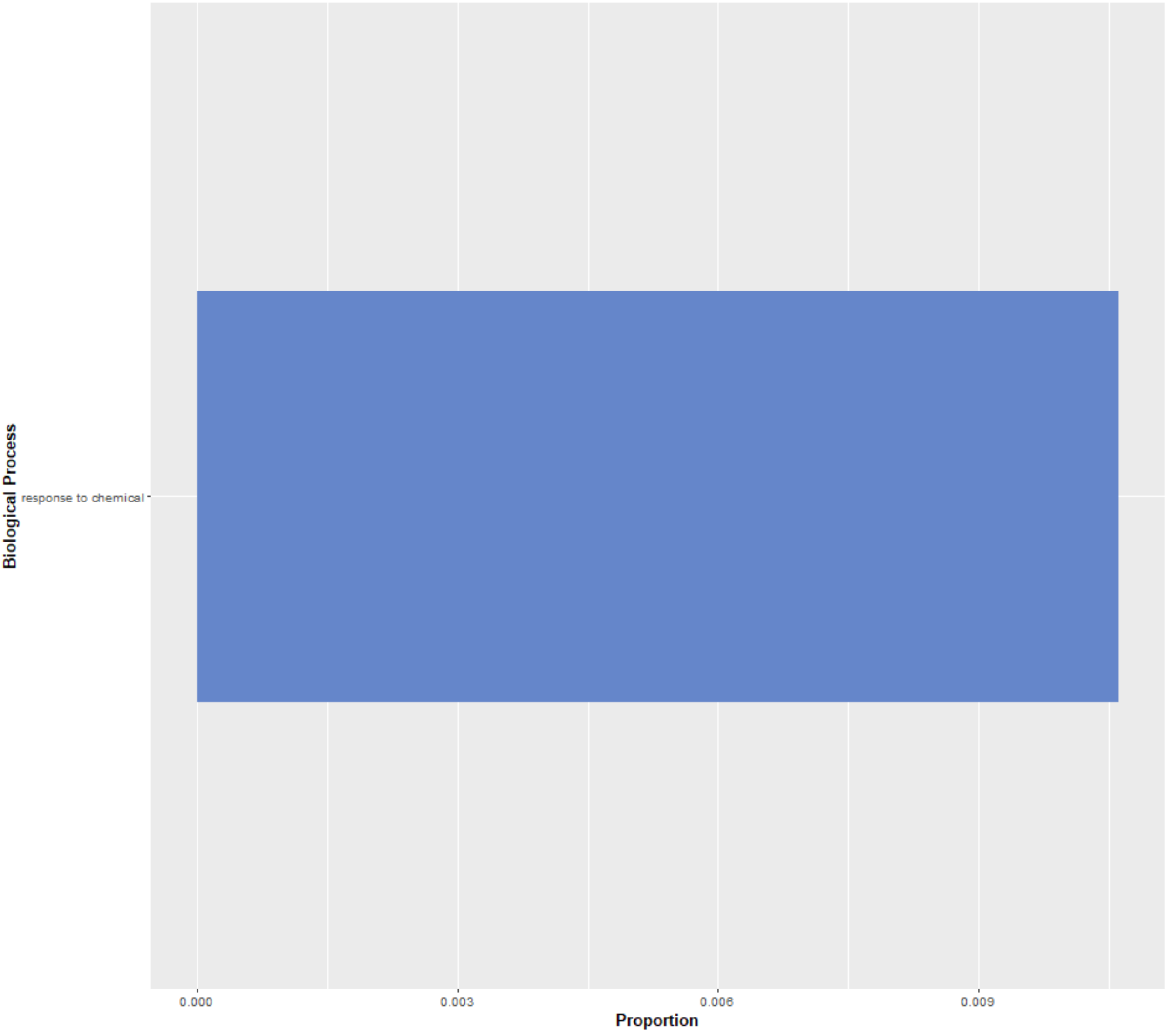
With Cell Cycle | Without AreaShape | All Genes

Cluster 17 of 44



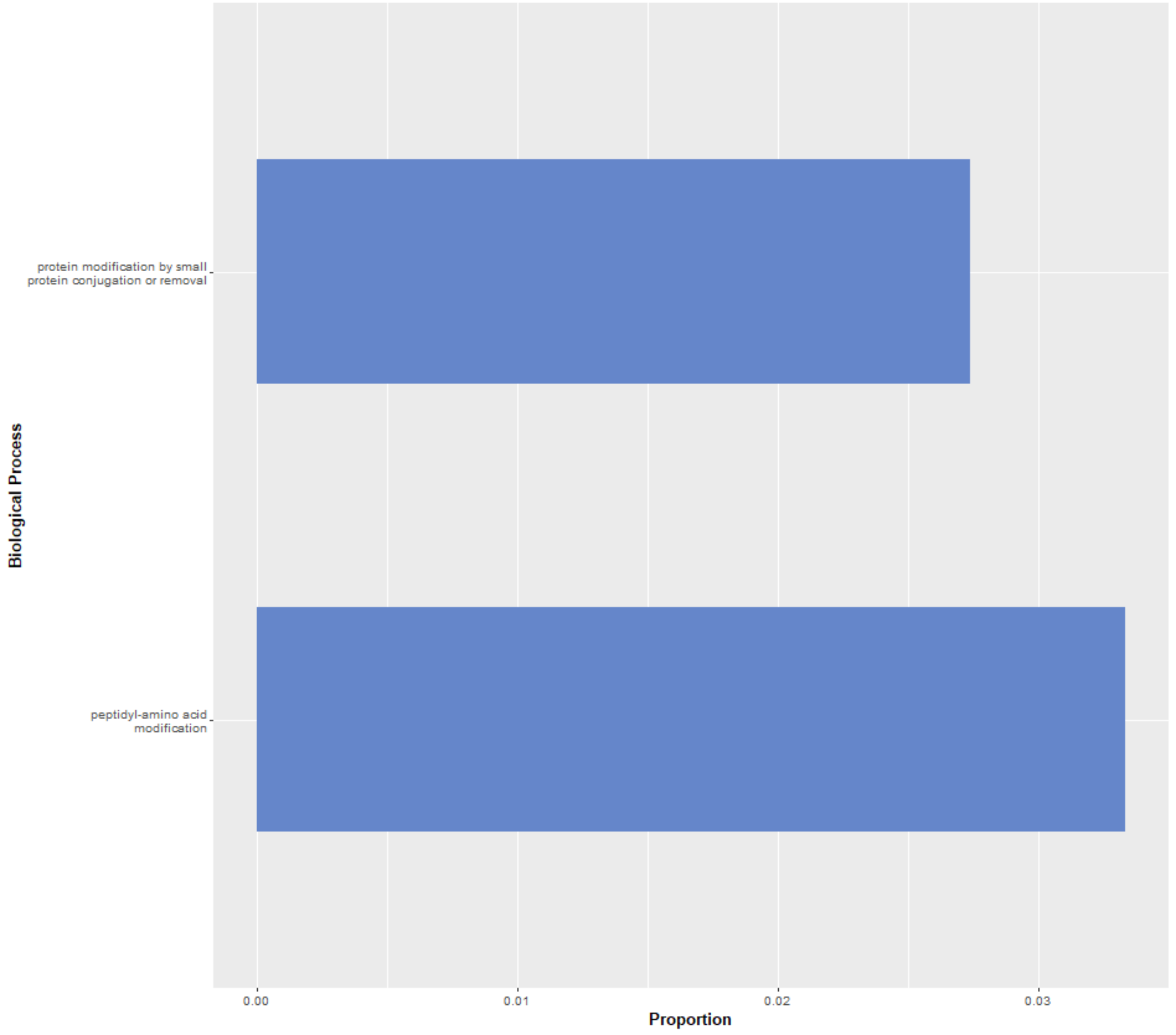
With Cell Cycle | Without AreaShape | All Genes

Cluster 21 of 44



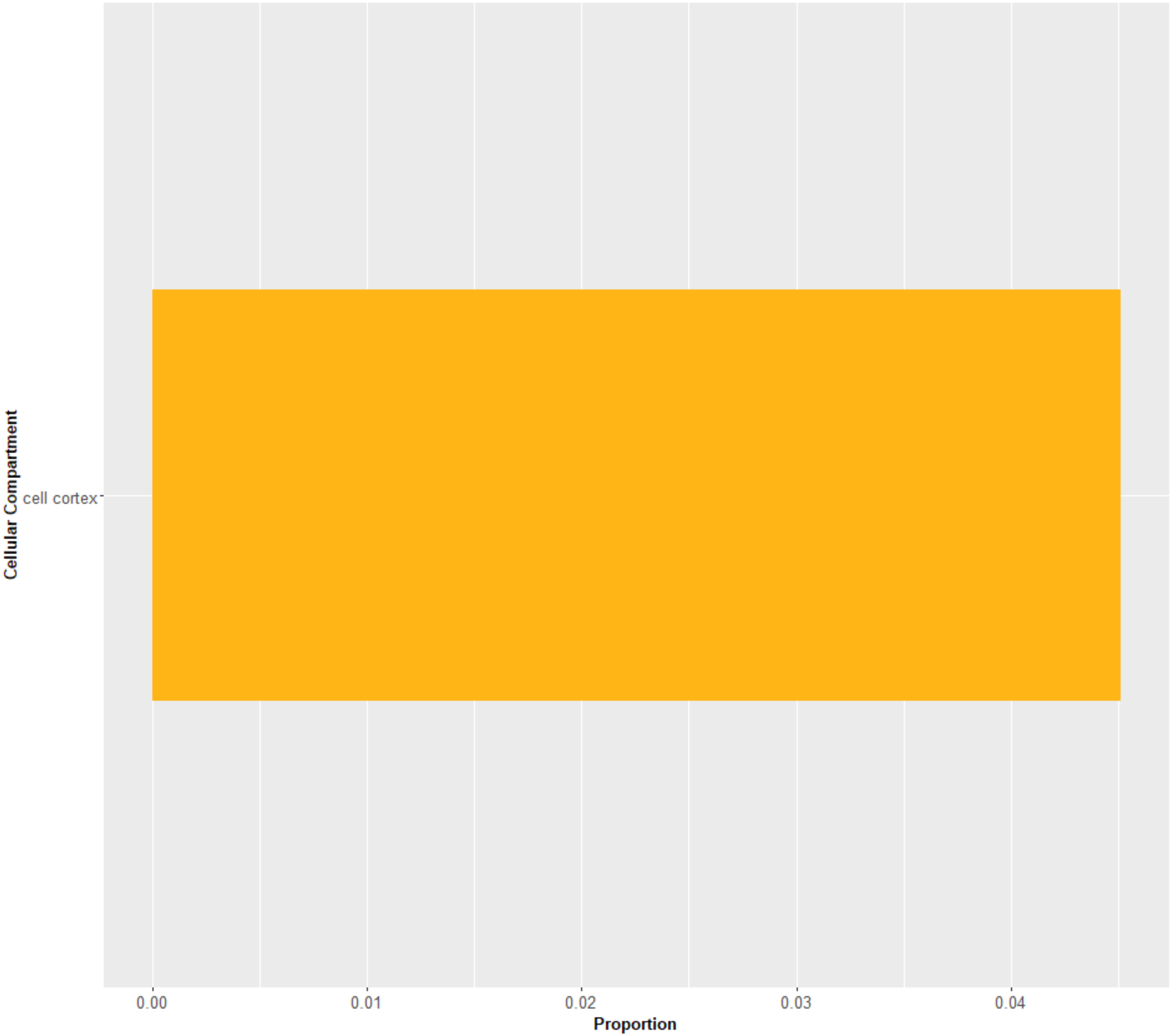
With Cell Cycle | Without AreaShape | All Genes

Cluster 22 of 44



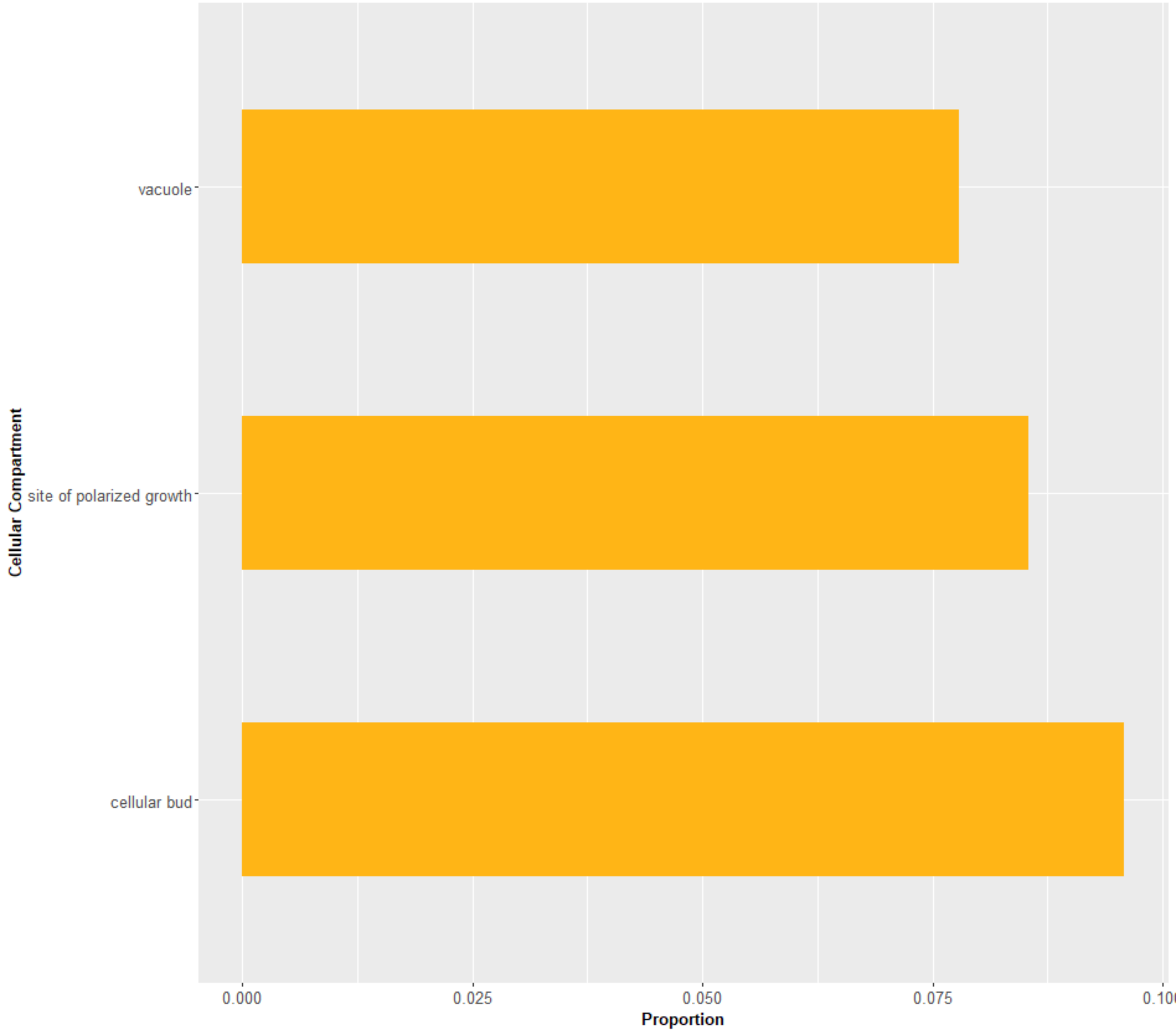
With Cell Cycle | Without AreaShape | All Genes

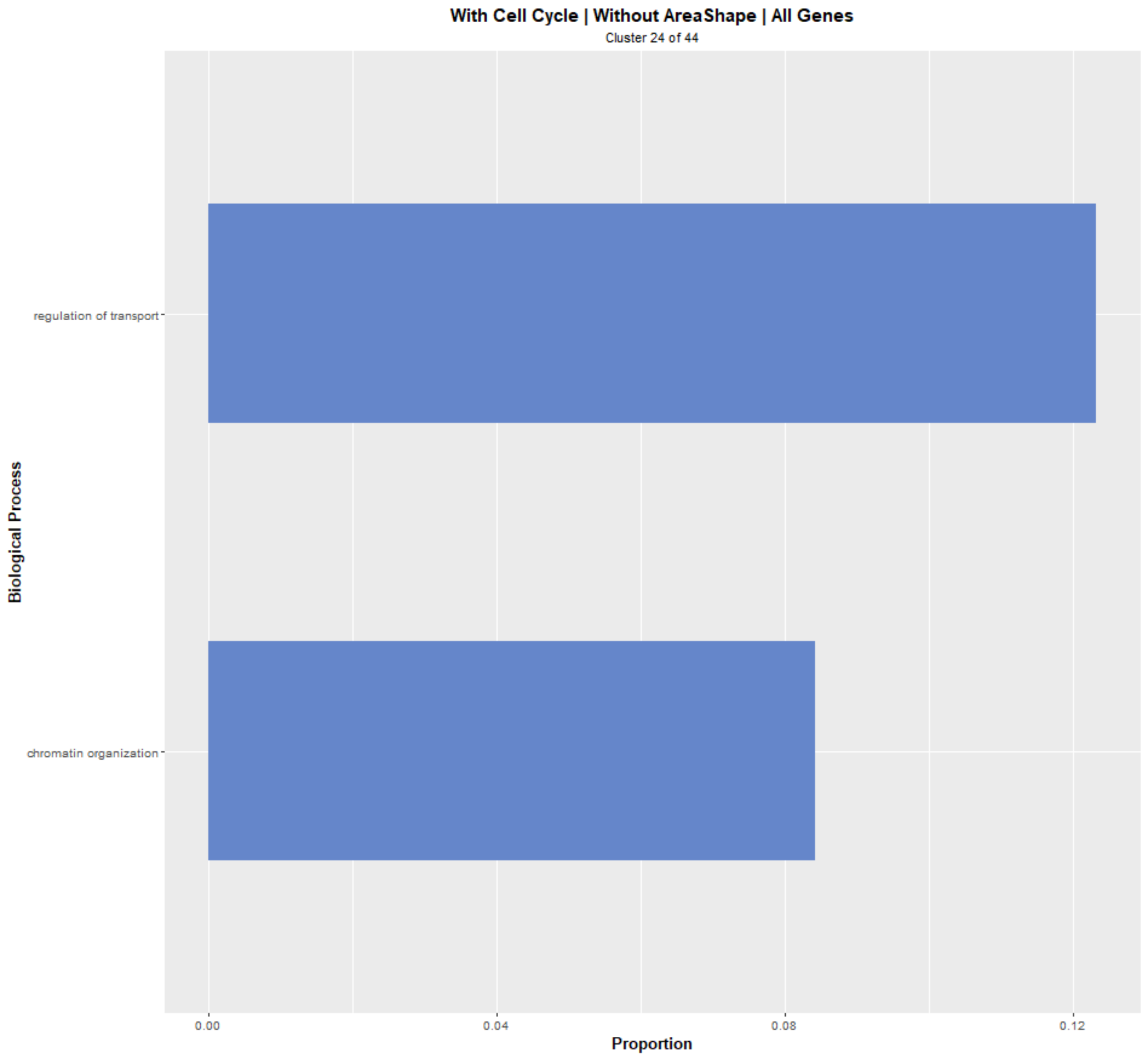
Cluster 23 of 44



With Cell Cycle | Without AreaShape | All Genes

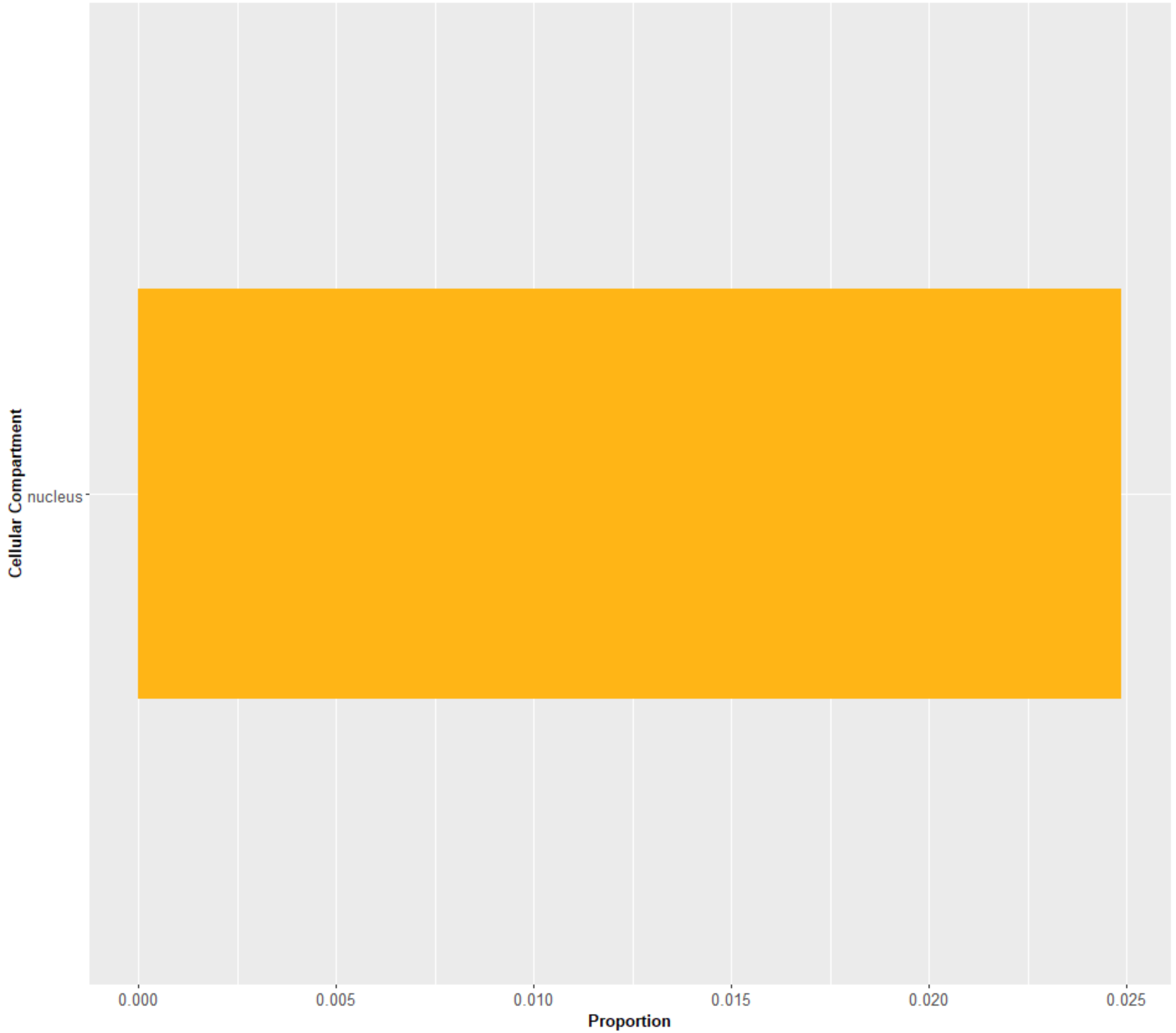
Cluster 24 of 44

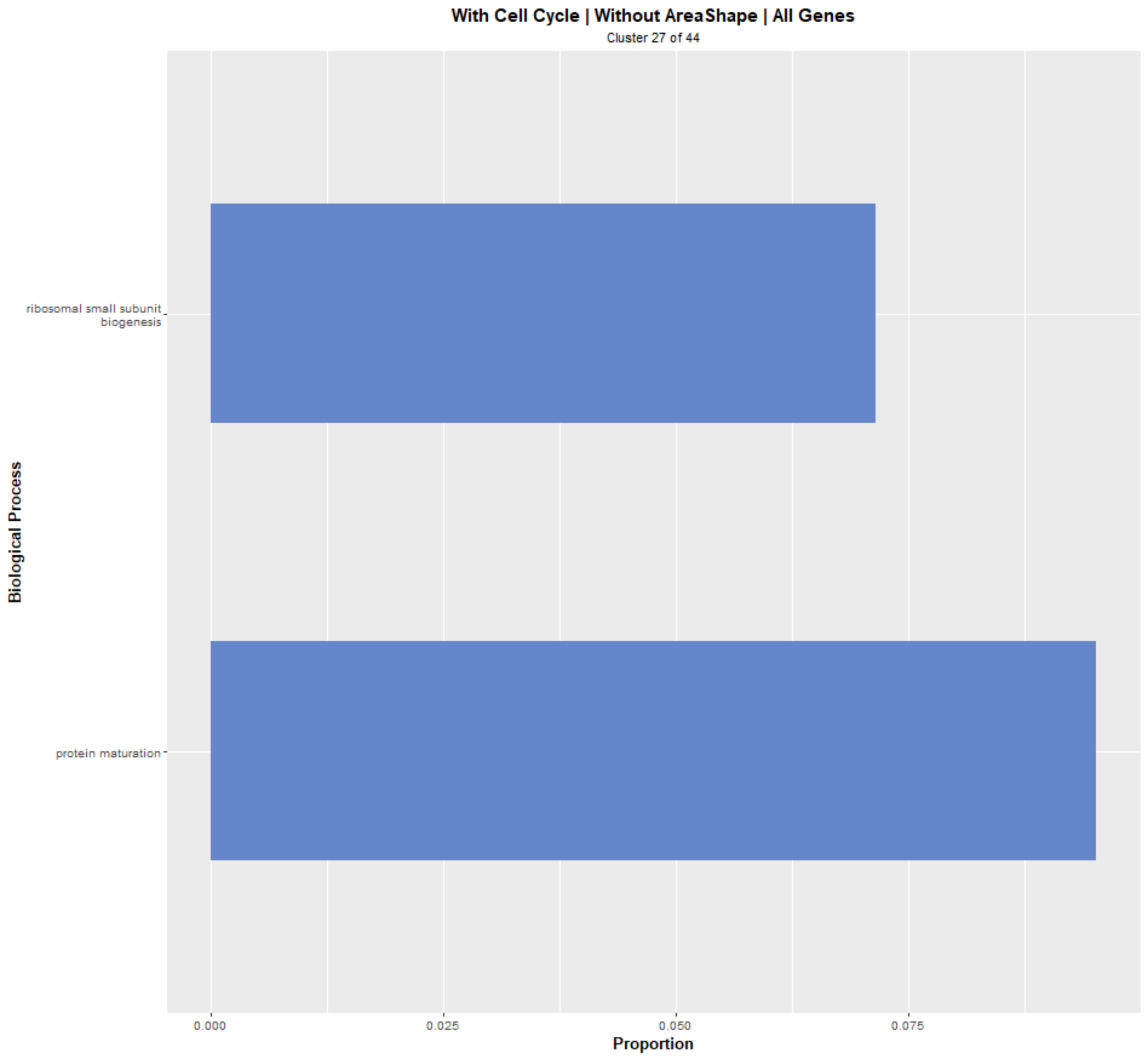


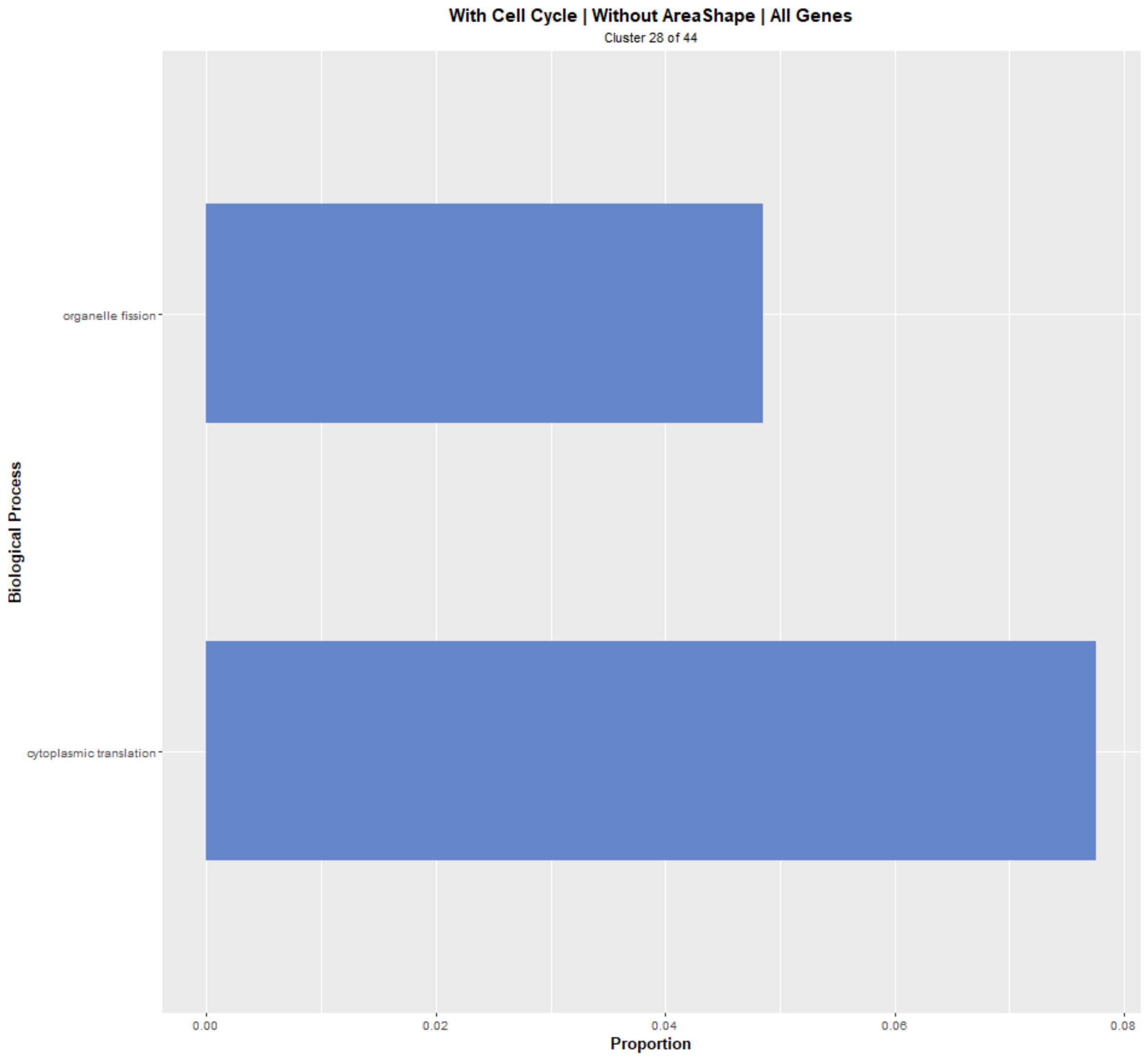

With Cell Cycle | Without AreaShape | All Genes
Cluster 24 of 44
regulation of transport
chromatin organization
Biological Process
0.00
0.04
0.08
0.12
Proportion

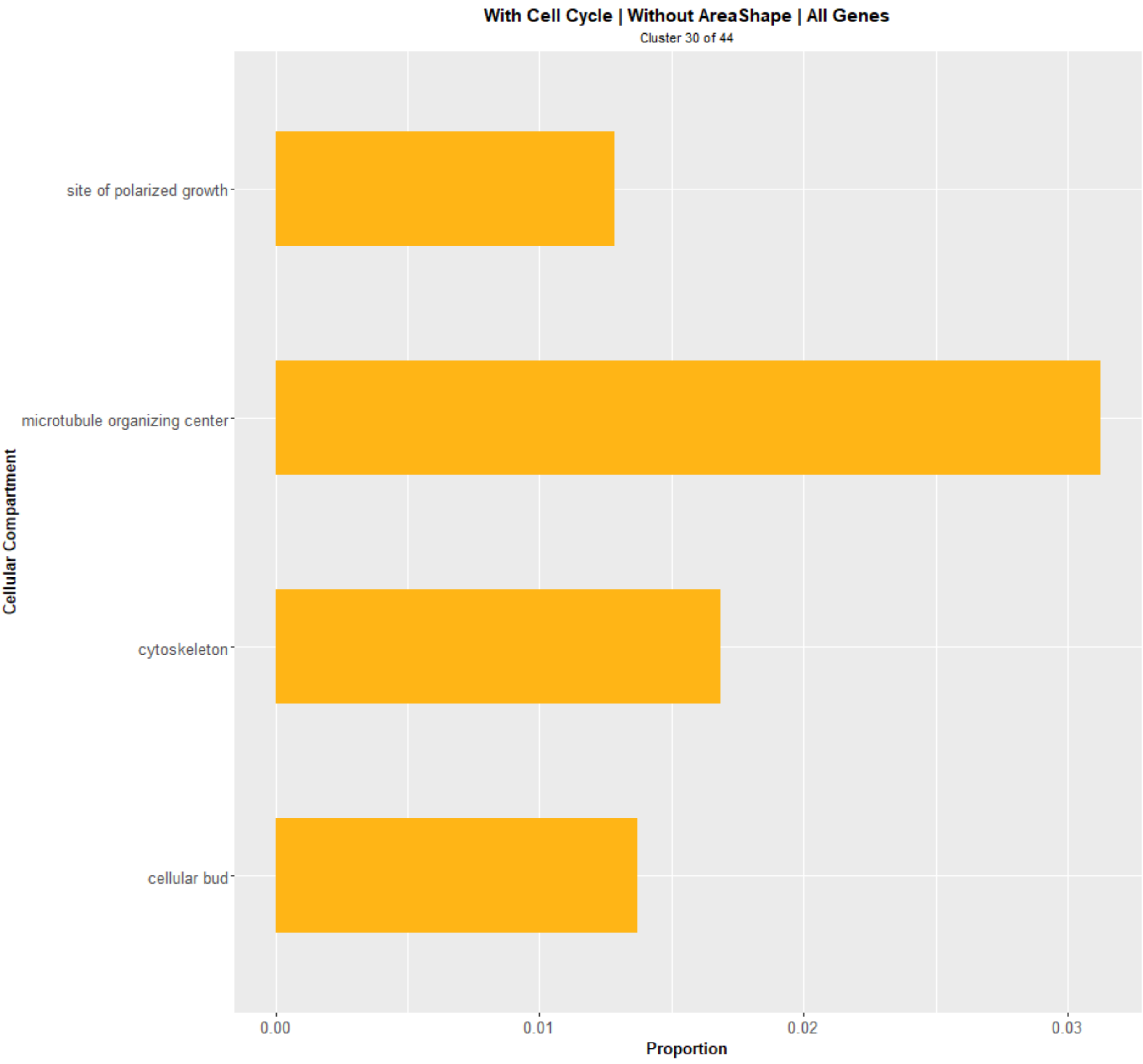
With Cell Cycle | Without AreaShape | All Genes

Cluster 27 of 44



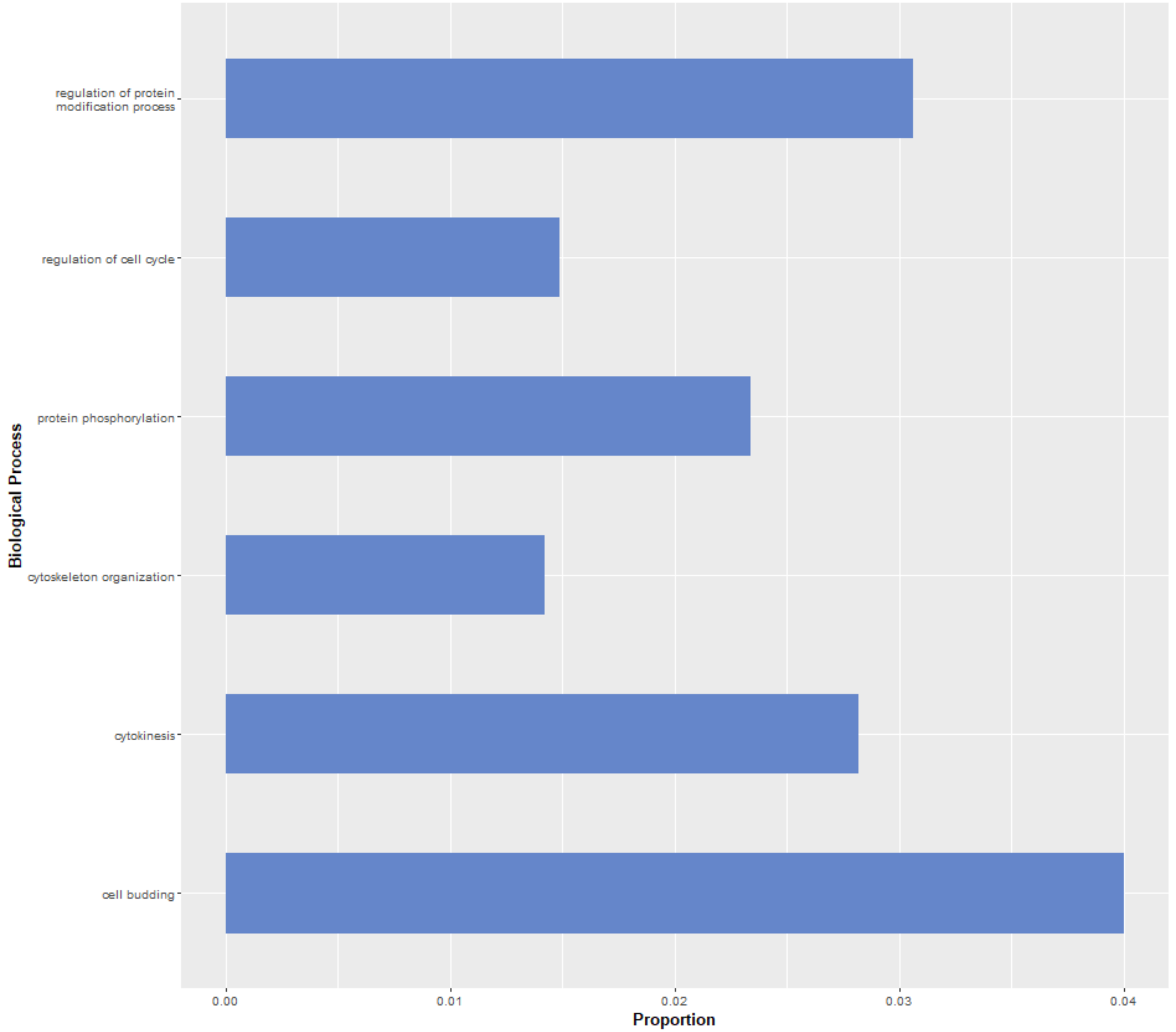

With Cell Cycle | Without AreaShape | All Genes
Cluster 27 of 44
ribosomal small subunit biogenesis
protein maturation
Biological Process
0.000
0.025
0.050
0.075
Proportion

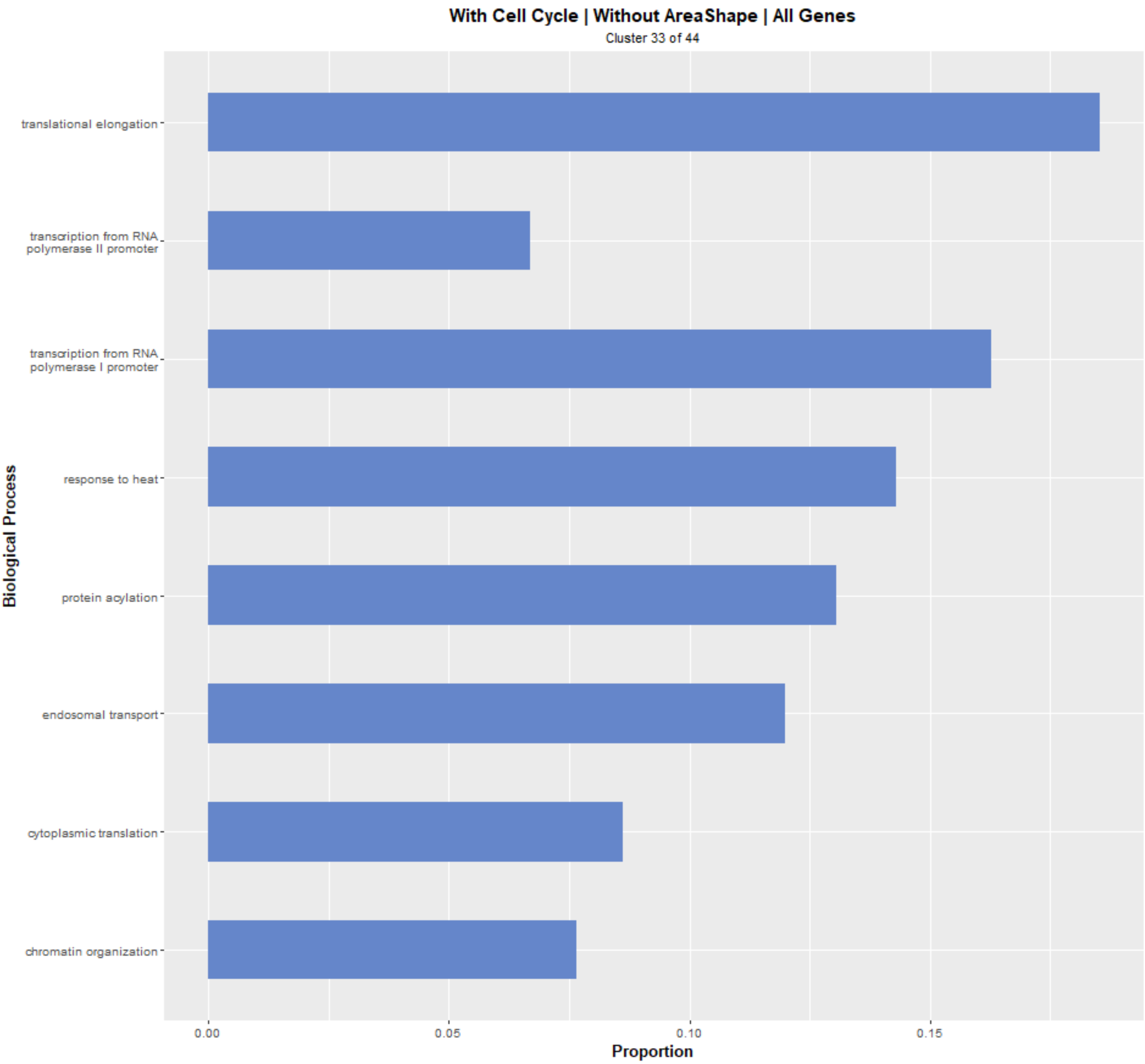

With Cell Cycle | Without AreaShape | All Genes
Cluster 28 of 44
organelle fission
cytoplasmic translation
Biological Process
0.00
0.02
0.04
0.06
0.08
Proportion


With Cell Cycle | Without AreaShape | All Genes
Cluster 30 of 44
site of polarized growth
microtubule organizing center
cytoskeleton
cellular bud
Cellular Compartment
0.00
0.01
0.02
0.03
Proportion

With Cell Cycle | Without AreaShape | All Genes

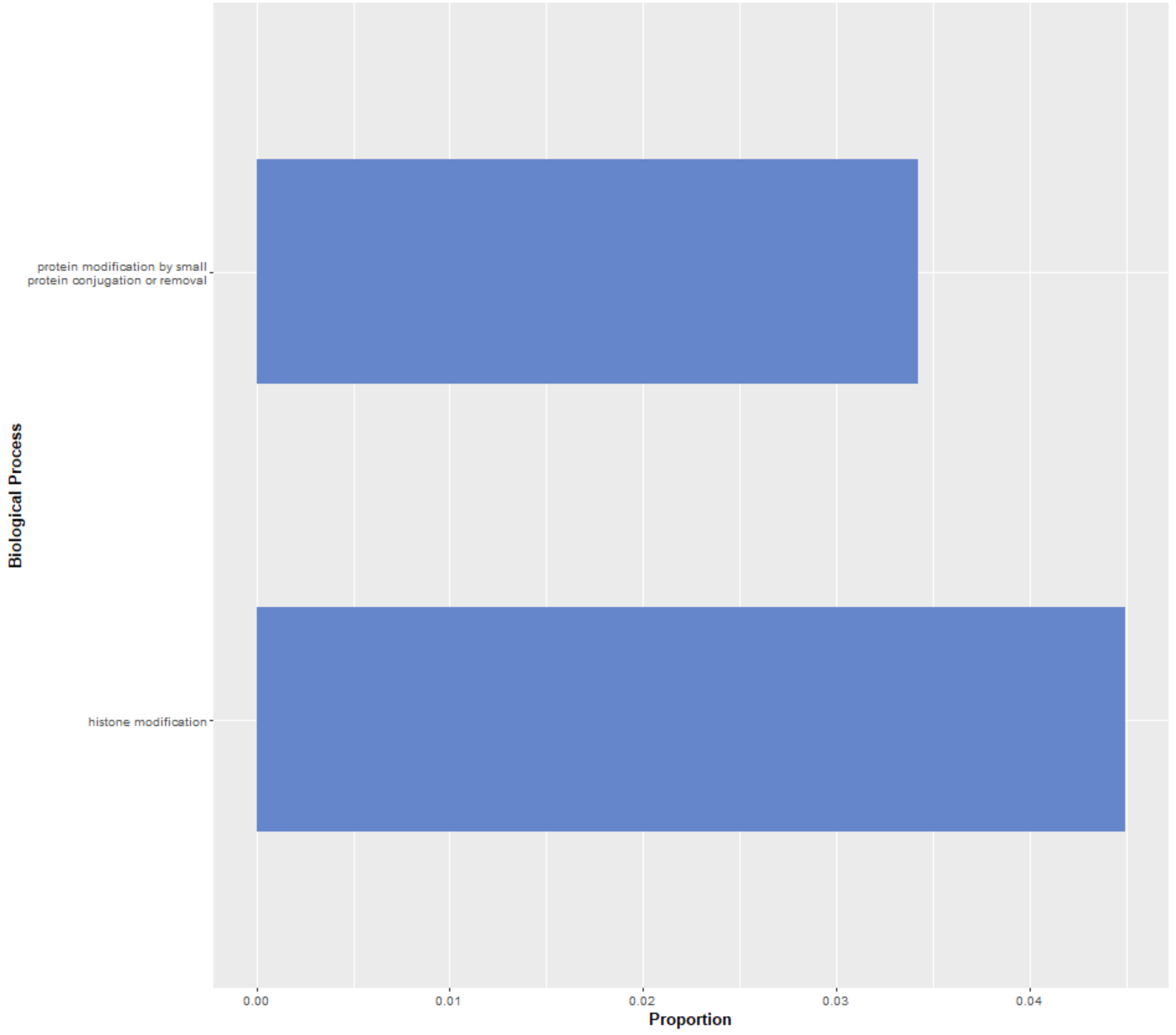
Cluster 30 of 44




With Cell Cycle | Without AreaShape | All Genes
Cluster 33 of 44
translational elongation
transcription from RNA polymerase II promoter
transcription from RNA polymerase I promoter
response to heat
protein acylation
endosomal transport
cytoplasmic translation
chromatin organization
Biological Process
0.00
0.05
0.10
0.15
Proportion

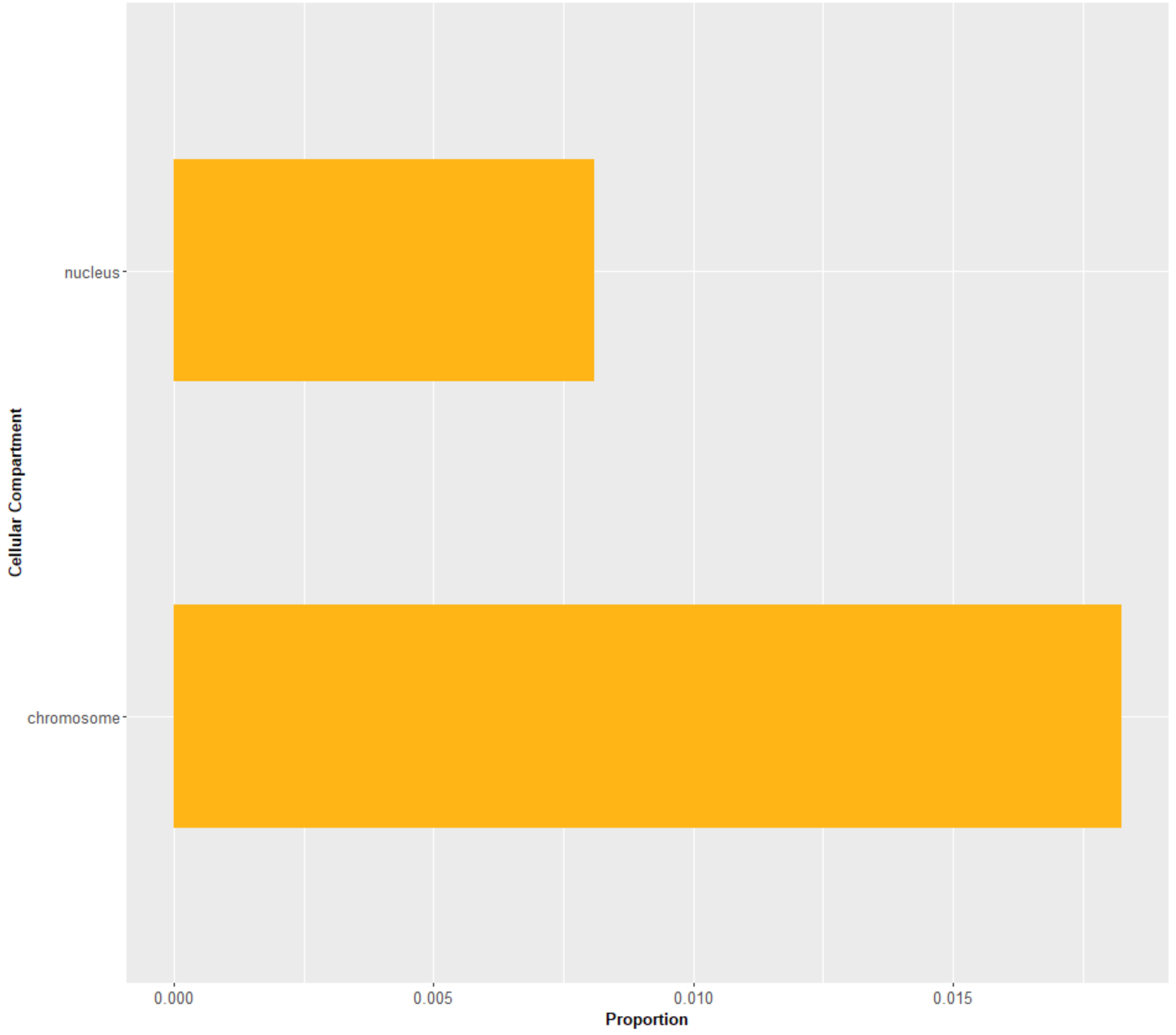
With Cell Cycle | Without AreaShape | All Genes

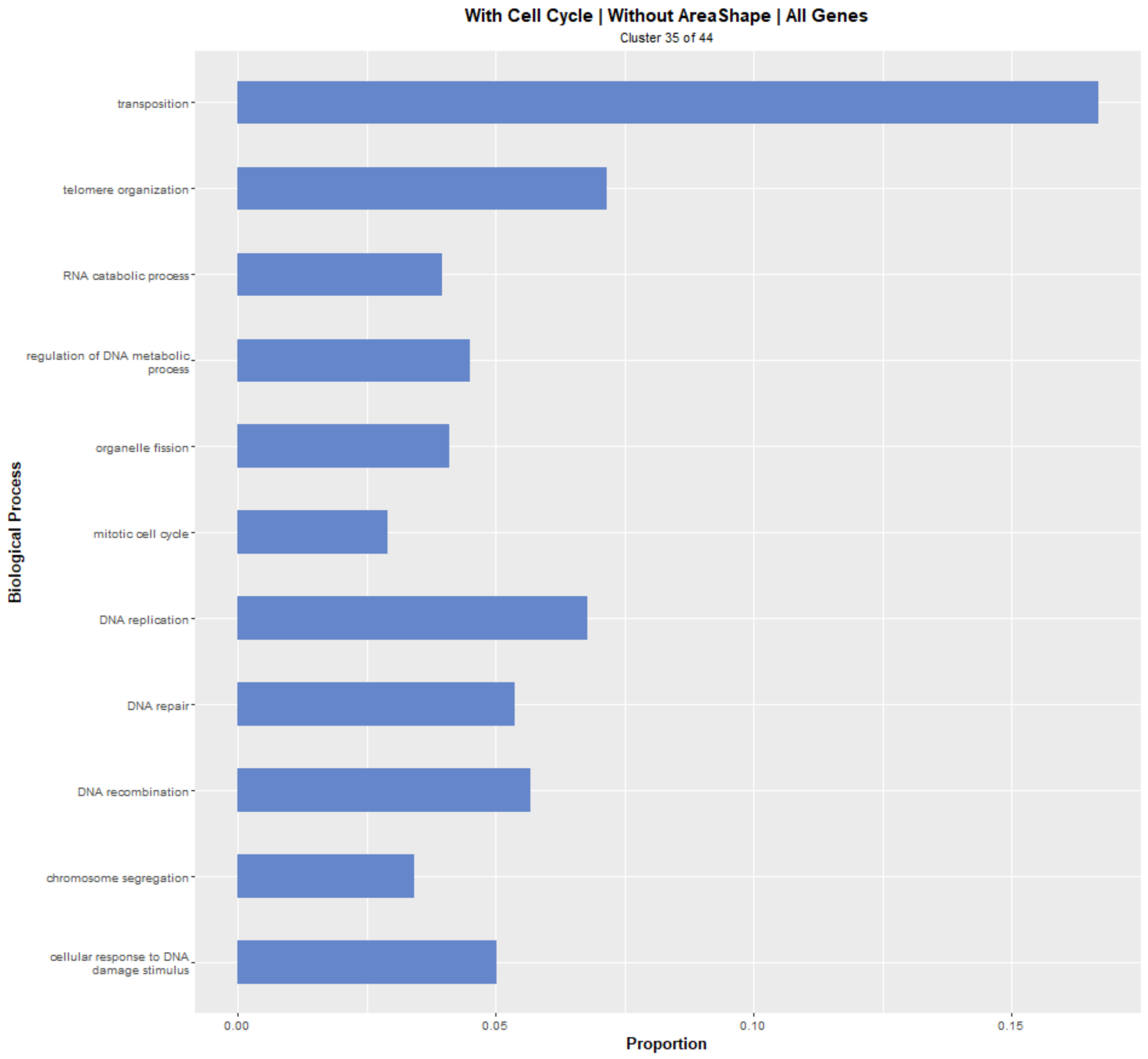
Cluster 34 of 44



With Cell Cycle | Without AreaShape | All Genes

Cluster 35 of 44




With Cell Cycle | Without AreaShape | All Genes
Cluster 35 of 44
transposition
telomere organization
RNA catabolic process
regulation of DNA metabolic process
organelle fission
mitotic cell cycle
DNA replication
DNA repair
DNA recombination
chromosome segregation
cellular response to DNA damage stimulus
Biological Process
0.00
0.05
0.10
0.15
Proportion

With Cell Cycle | Without AreaShape | All Genes

Cluster 42 of 44

Biological Process

cellular amino acid metabolic process

0.00 0.01 0.02 0.03 0.04

Proportion

With Cell Cycle | Without AreaShape | All Genes

Cluster 43 of 44