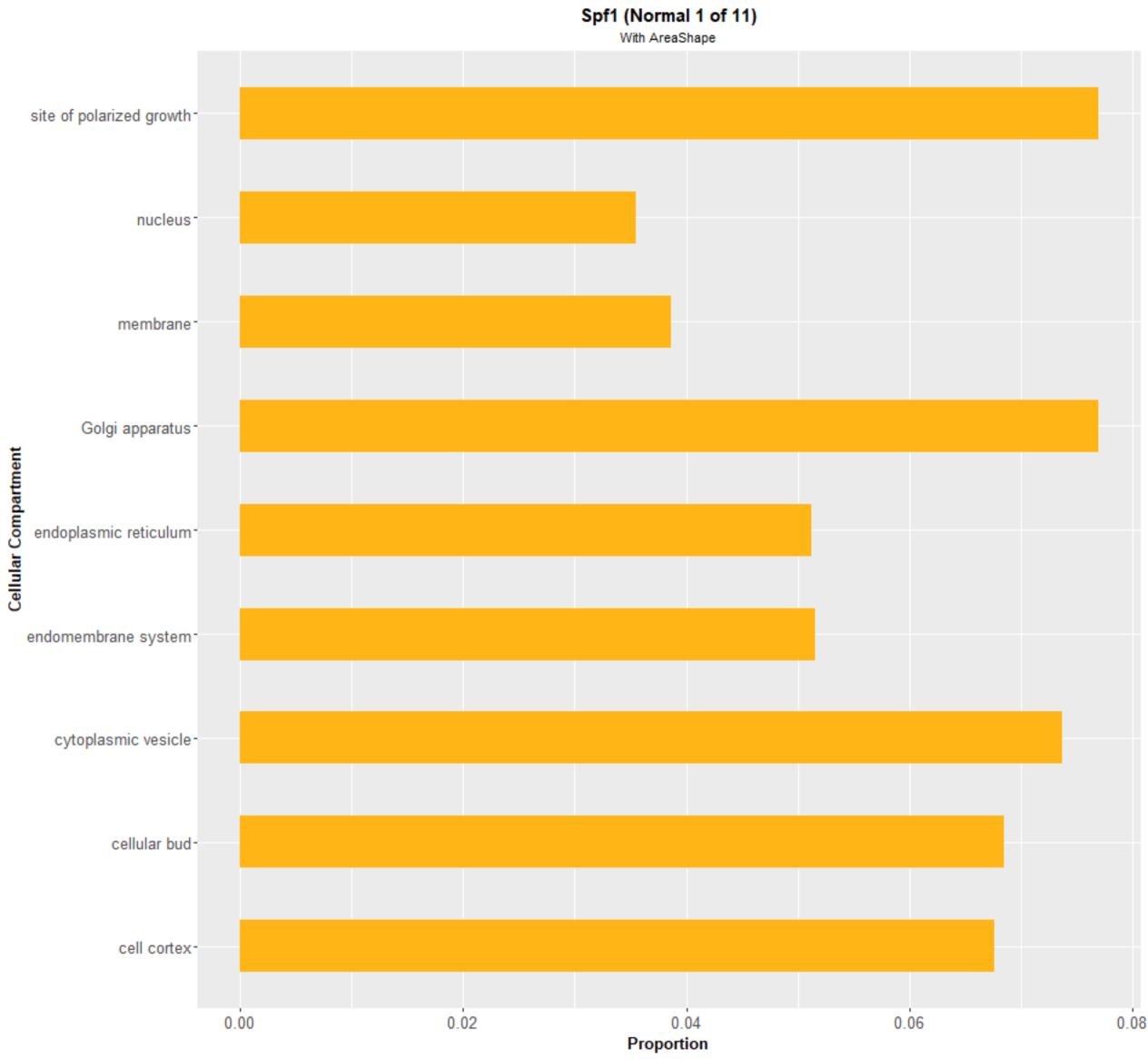
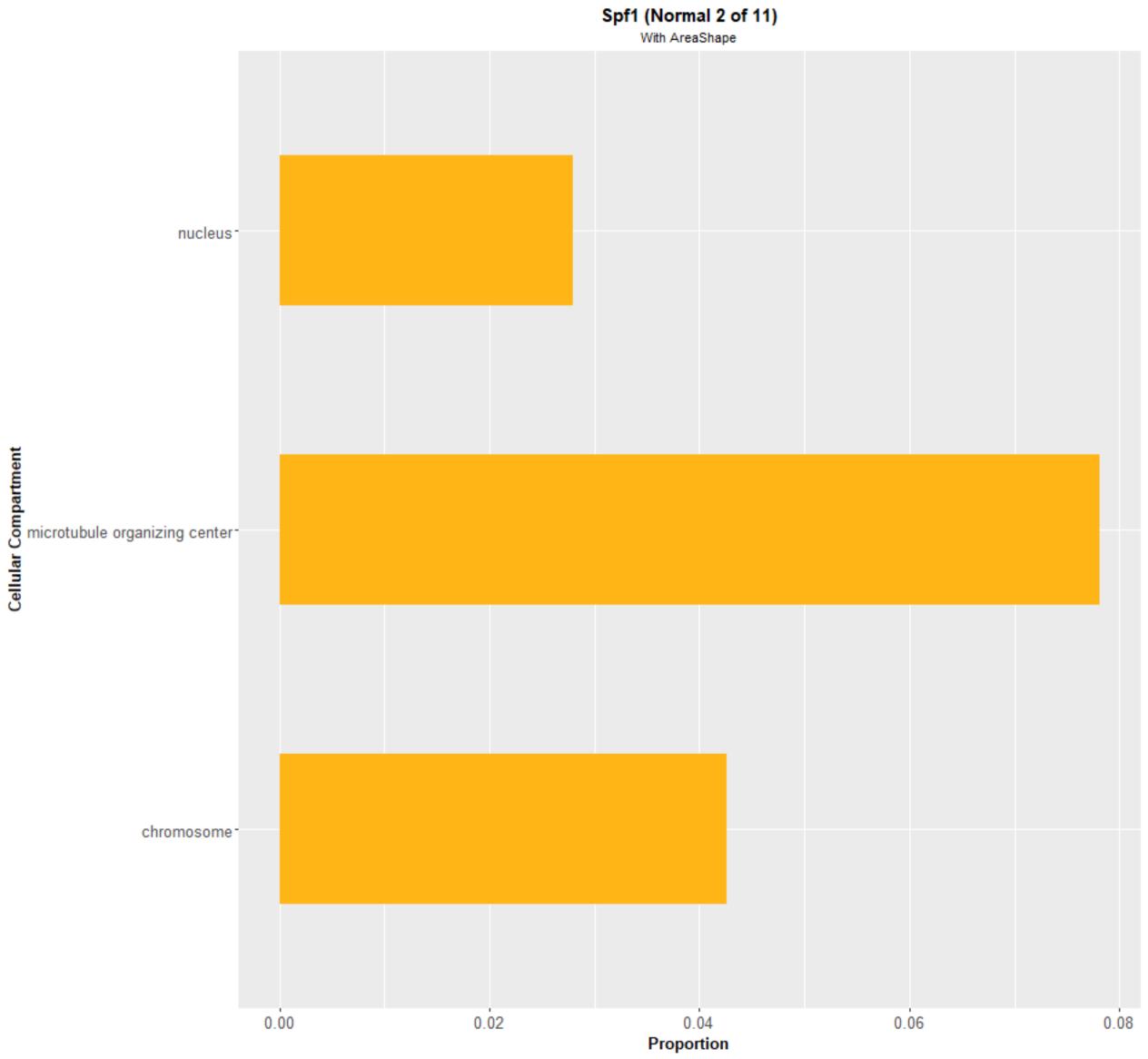
Spf1 (Normal 0 of 11) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.15 0.20 0.05 0.10 0.00 Proportion

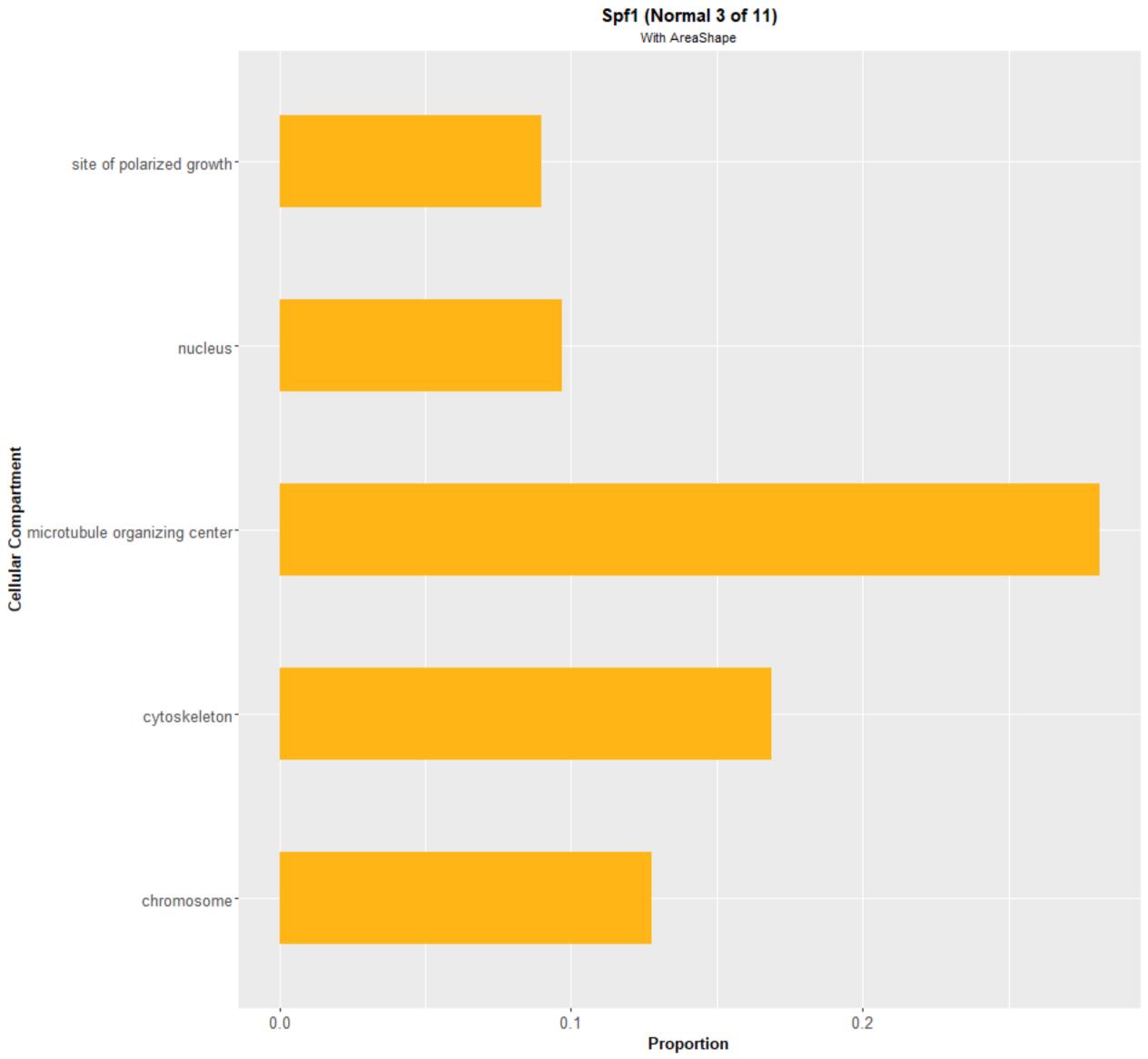
Spf1 (Normal 0 of 11) With AreaShape transcription from RNA polymerase II promoter RNA splicing ribosomal subunit export from nucleus regulation of organelle organization regulation of cell cycle protein modification by small_ protein conjugation or removal protein complex biogenesis organelle fission nucleus organization -**Biological Process** nuclear transport mRNA processing mitotic cell cycle histone modification -DNA replication -DNA repair DNA-templated transcription, initiation cytoskeleton organization cytokinesis chromosome segregation chromatin organization cellular response to DNA damage stimulus 0.10 0.05 0.15 0.20 0.00 Proportion



Spf1 (Normal 1 of 11) With AreaShape veside organization vacuole organization -RNA splicing proteolysis involved in cellular protein catabolicprocess Piological Process organelle fusion mRNA processing membrane fusion -Golgi vesicle transport exocytosis -0.0 0.1 0.2 0.3 Proportion



Spf1 (Normal 2 of 11) With AreaShape transcription from RNA polymerase II promoter proteolysis involved in cellular protein catabolic process protein modification by small_ protein conjugation or removal organelle fission mitotic cell cycle -Biological Process histone modification -DNA repair DNA-templated transcription, _ elongation chromosome segregation chromatin organization cellular response to DNA damage stimulus 0.050 0.025 0.075 0.100 0.000 Proportion



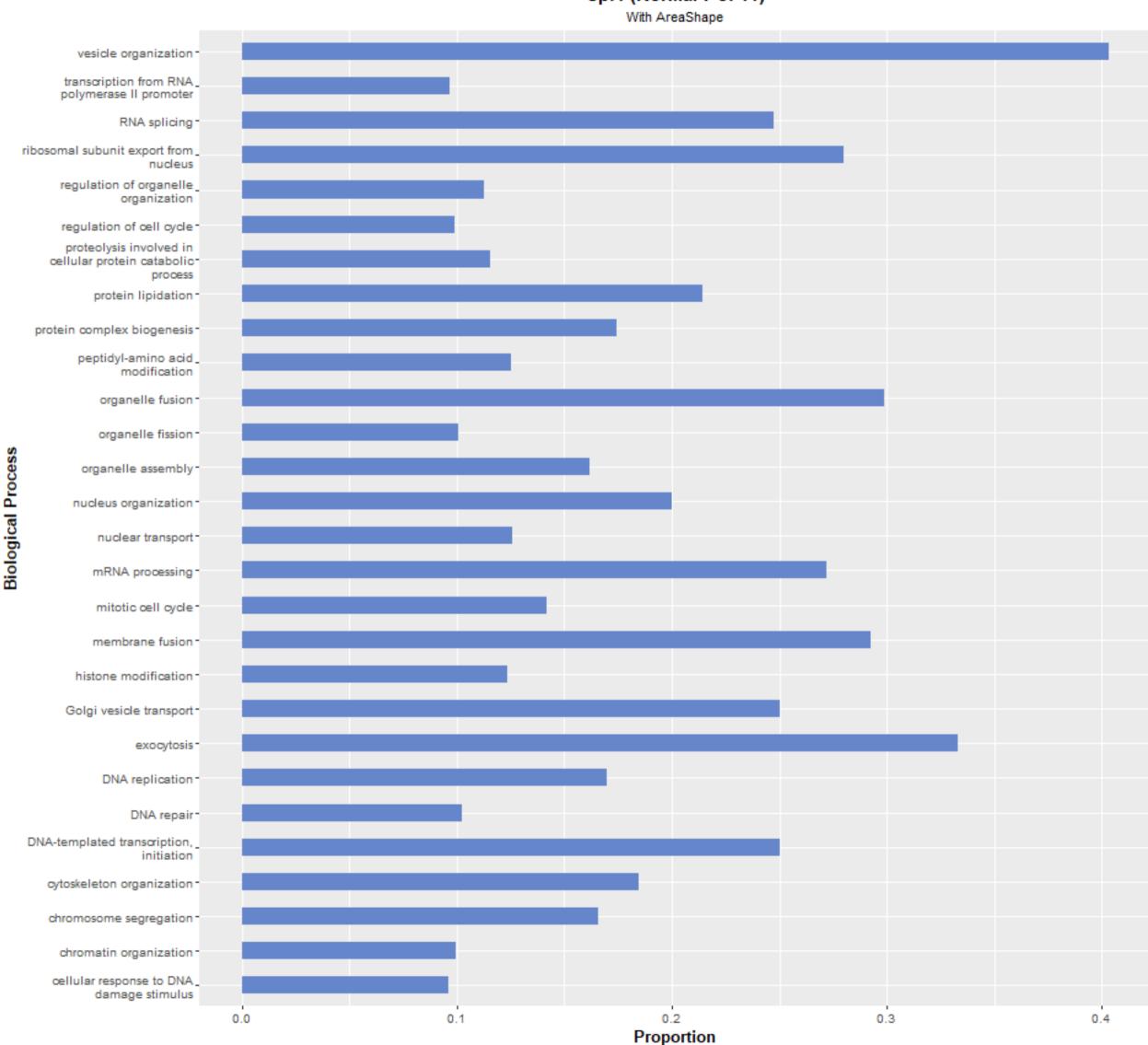
Spf1 (Normal 3 of 11) With AreaShape transcription from RNA polymerase II promoter RNA splicing ribosomal subunit export from nucleus regulation of protein_ modification process regulation of organelle_ organization regulation of DNA metabolic process regulation of cell cycle proteolysis involved in cellular protein catabolicprocess protein phosphorylation protein modification by small_ protein conjugation or removal protein complex biogenesis **Biological Process** organelle fission organelle assembly nucleus organization nuclear transport mRNA processing mitotic cell cyclelipid metabolic process DNA replication -DNA repair DNA-templated transcription, initiation cytoskeleton organization cytokinesis chromosome segregation chromatin organization cellular response to DNA_ damage stimulus 0.05 0.10 0.20 0.25 0.00 0.15 Proportion

Spf1 (Normal 4 of 11) With AreaShape translational elongation transcription from RNA_ polymerase II promoter mitotic cell cycle -Biological Process histone modification -DNA-templated transcription, elongation chromatin organization 0.06 0.00 0.03 0.09 Proportion

Spf1 (Normal 5 of 11) With AreaShape transcription from RNA_ polymerase II promoter proteolysis involved in cellular protein catabolicprocess protein modification by small protein conjugation or removal **Biological Process** mitotic cell cycle invasive growth in response to _ glucose limitation histone modification chromatin organization cellular response to DNA damage stimulus 0.050 0.000 0.025 0.075 0.100 Proportion

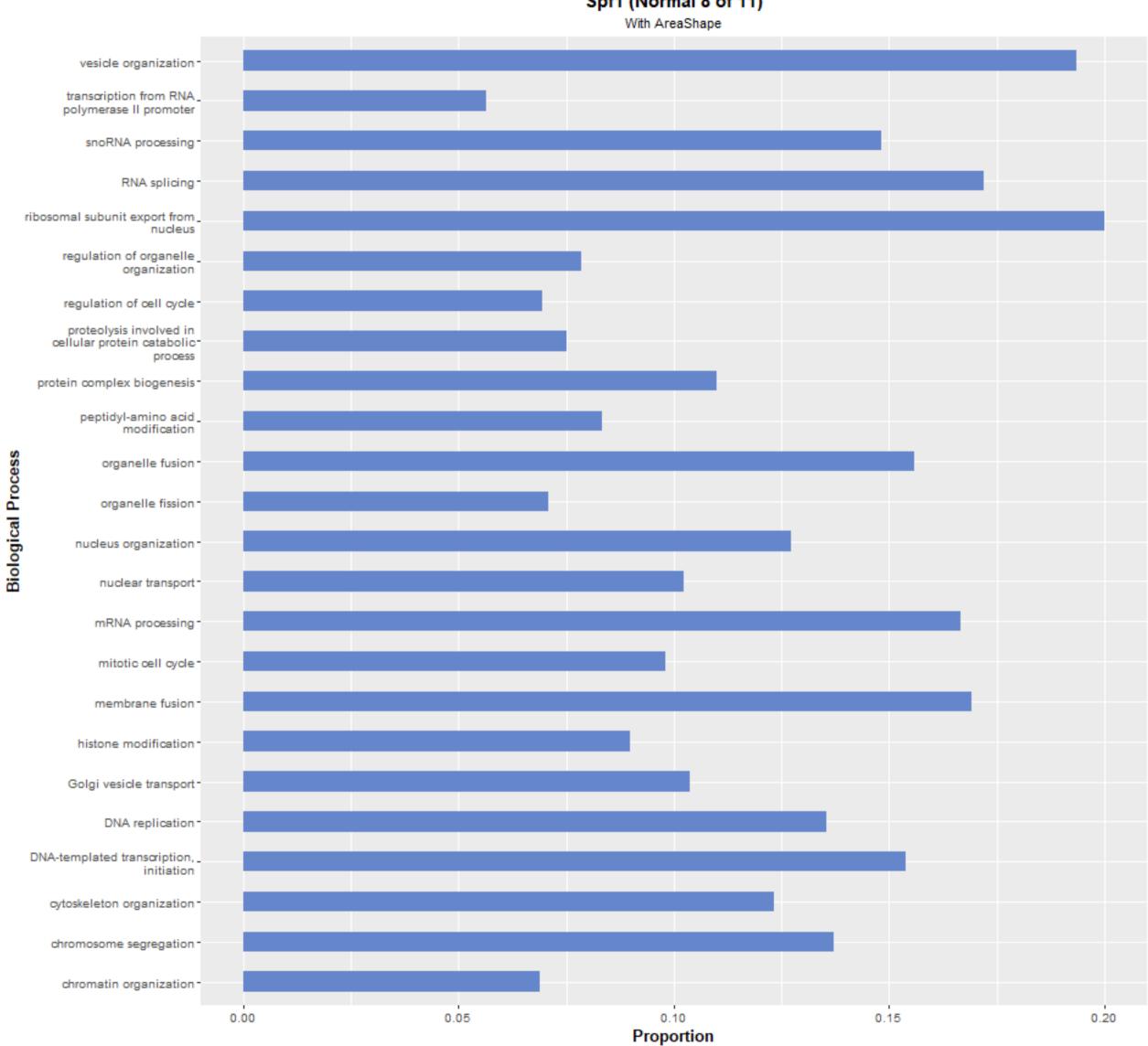
Spf1 (Normal 7 of 11) With AreaShape site of polarized growthnucleusmicrotubule organizing centermembrane -Golgi apparatus -Cellular Compartment endoplasmic reticulumendomembrane systemcytoskeletoncytoplasmic vesicle chromosomecellular budcell cortex-0.1 0.2 0.0 Proportion

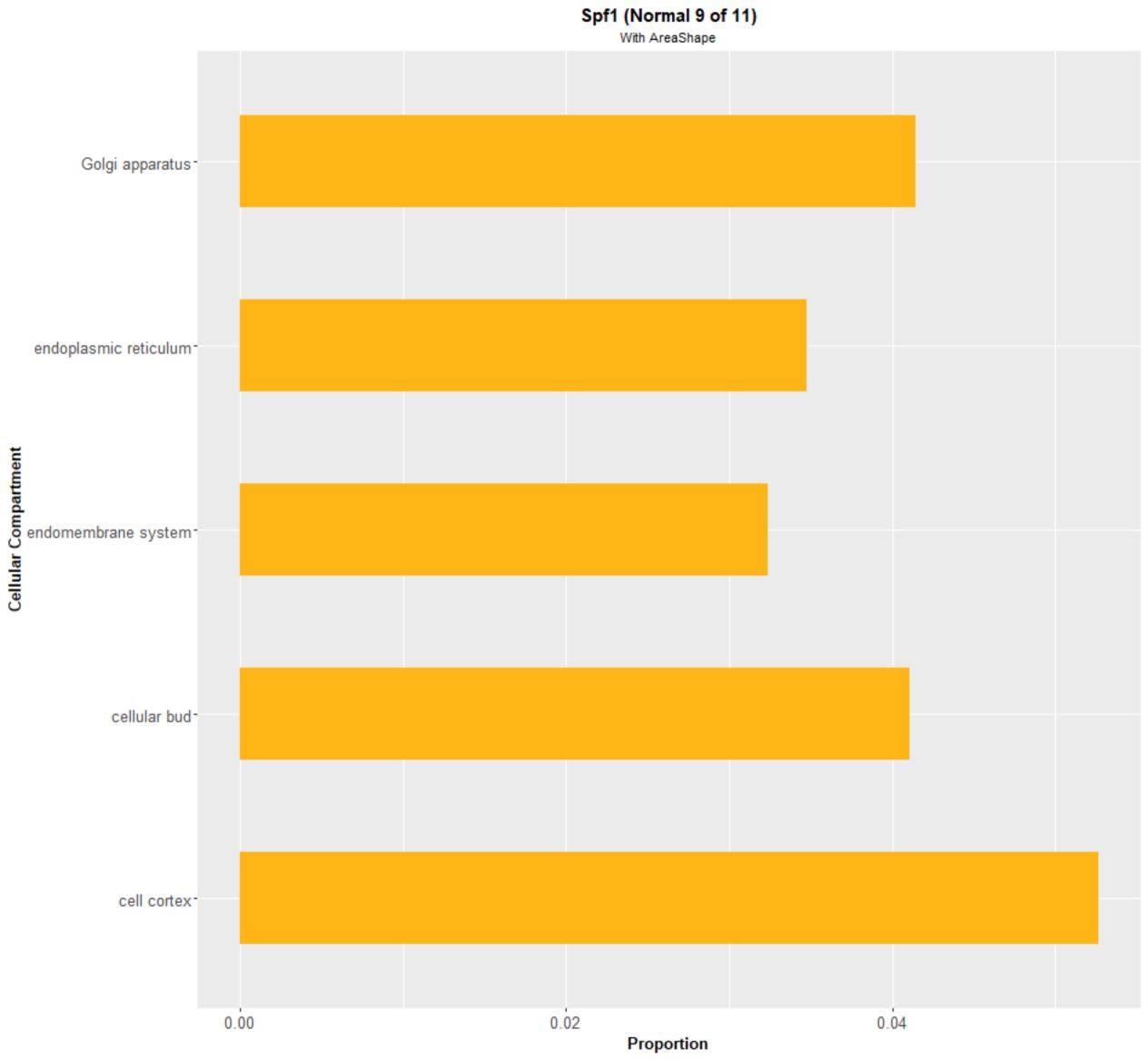
Spf1 (Normal 7 of 11)



Spf1 (Normal 8 of 11) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.10 0.05 0.20 0.00 0.15 0.25 Proportion

Spf1 (Normal 8 of 11)





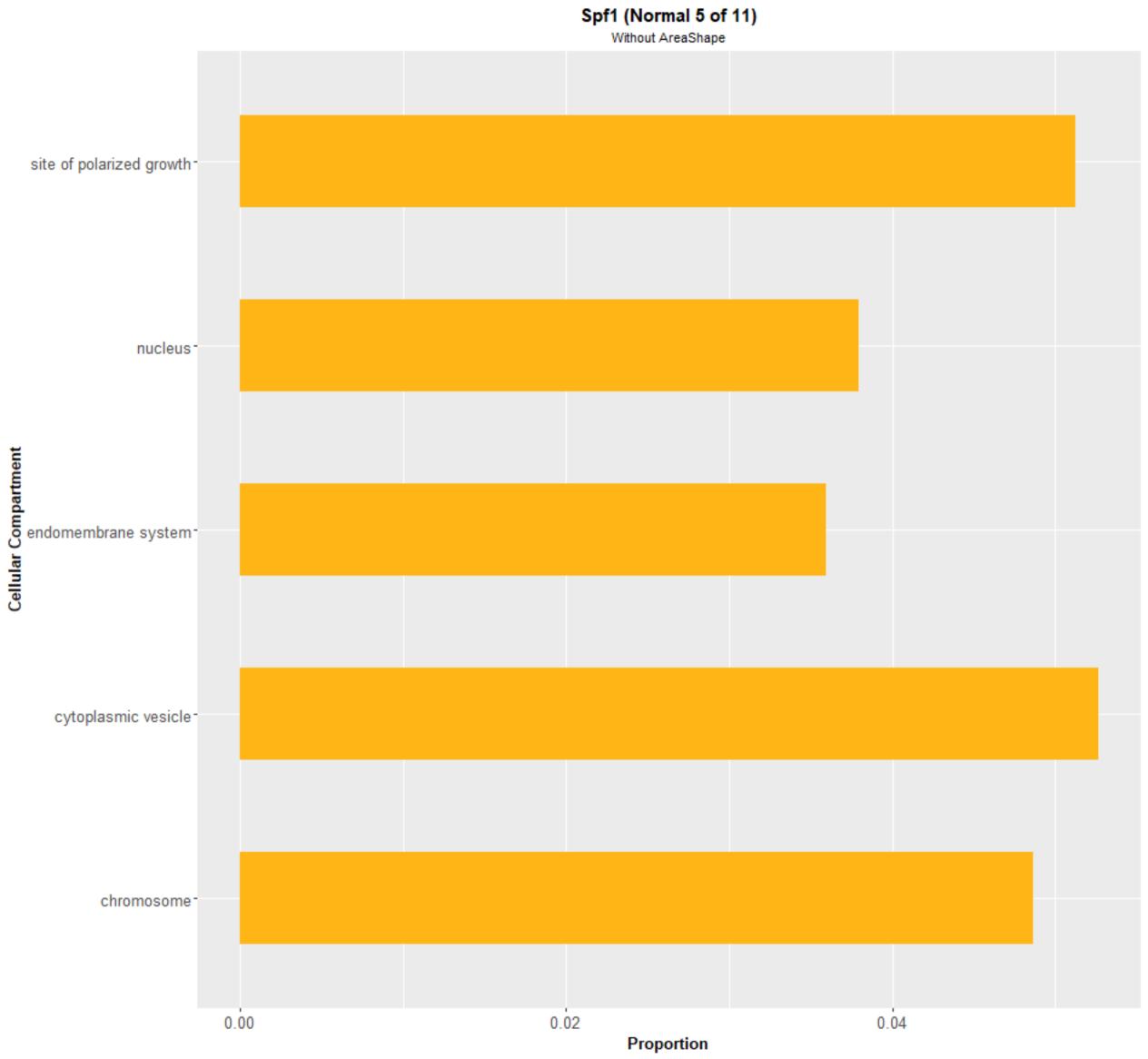
Spf1 (Normal 9 of 11) With AreaShape vesicle organization transcription from RNA_ polymerase II promoter proteolysis involved in cellular protein catabolicprocess protein complex biogenesis Biological Process organelle fusion membrane fusion -Golgi vesicle transport exocytosis -DNA-templated transcription, termination 0.06 0.00 0.03 0.09 Proportion

Spf1 (Normal 0 of 11) Without AreaShape transcription from RNA_ polymerase II promoter histone modification -Biological Process DNA repair chromatin organization cellular response to DNA_ damage stimulus 0.04 0.02 0.00 0.06 0.08 Proportion

Spf1 (Normal 1 of 11) Without AreaShape endomembrane system-Cellular Compartment cytoplasmic vesicle-0.00 0.01 0.03 0.04 0.02 Proportion

Spf1 (Normal 2 of 11) Without AreaShape Cellular Compartment endomembrane system 0.03 0.00 0.01 0.02 Proportion

Spf1 (Normal 2 of 11) Without AreaShape response to chemicalinvasive growth in response to _ glucose limitation histone modification -Biological Process DNA repair chromatin organization cellular response to DNA_ damage stimulus 0.050 0.000 0.025 0.075 Proportion

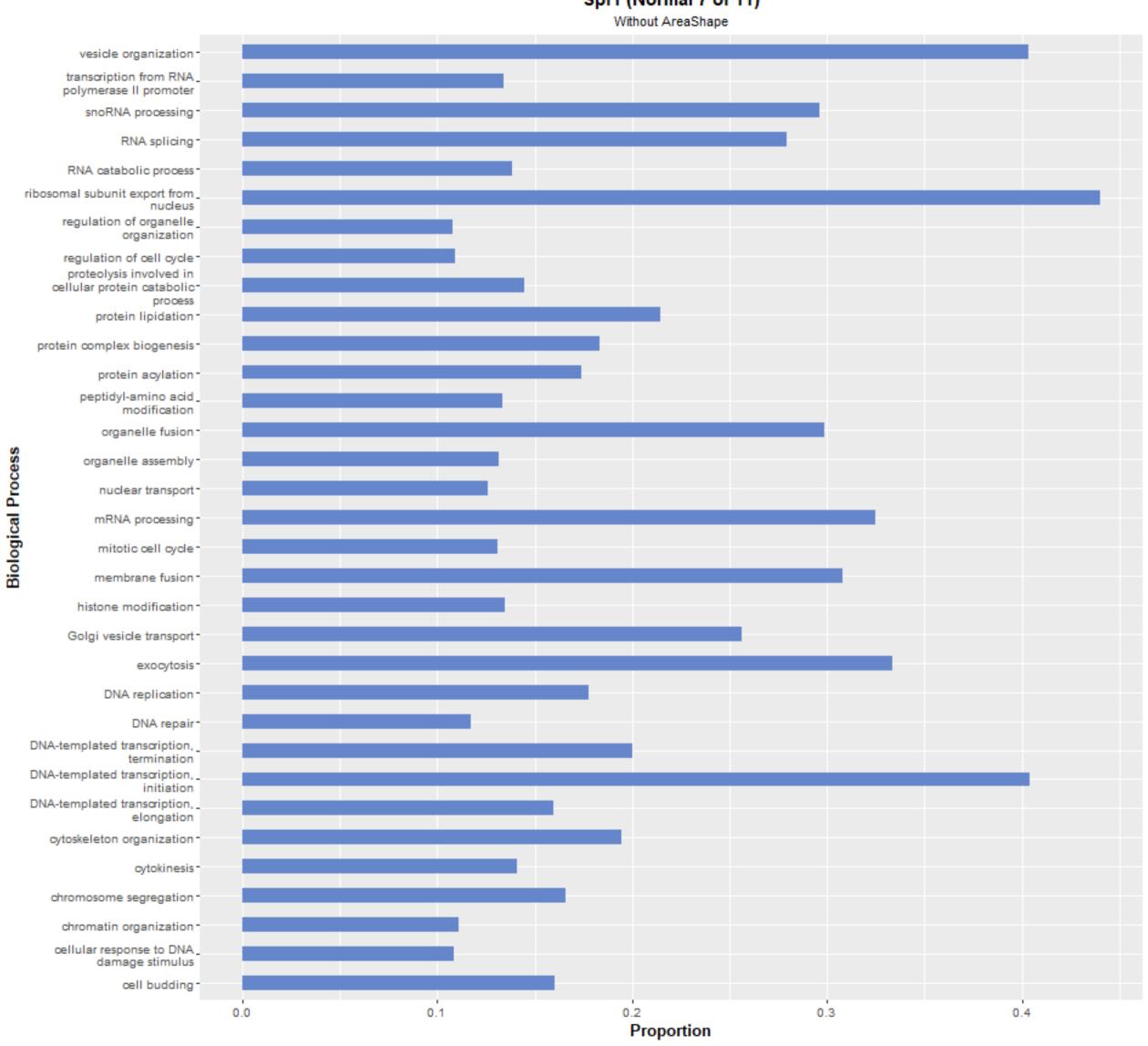


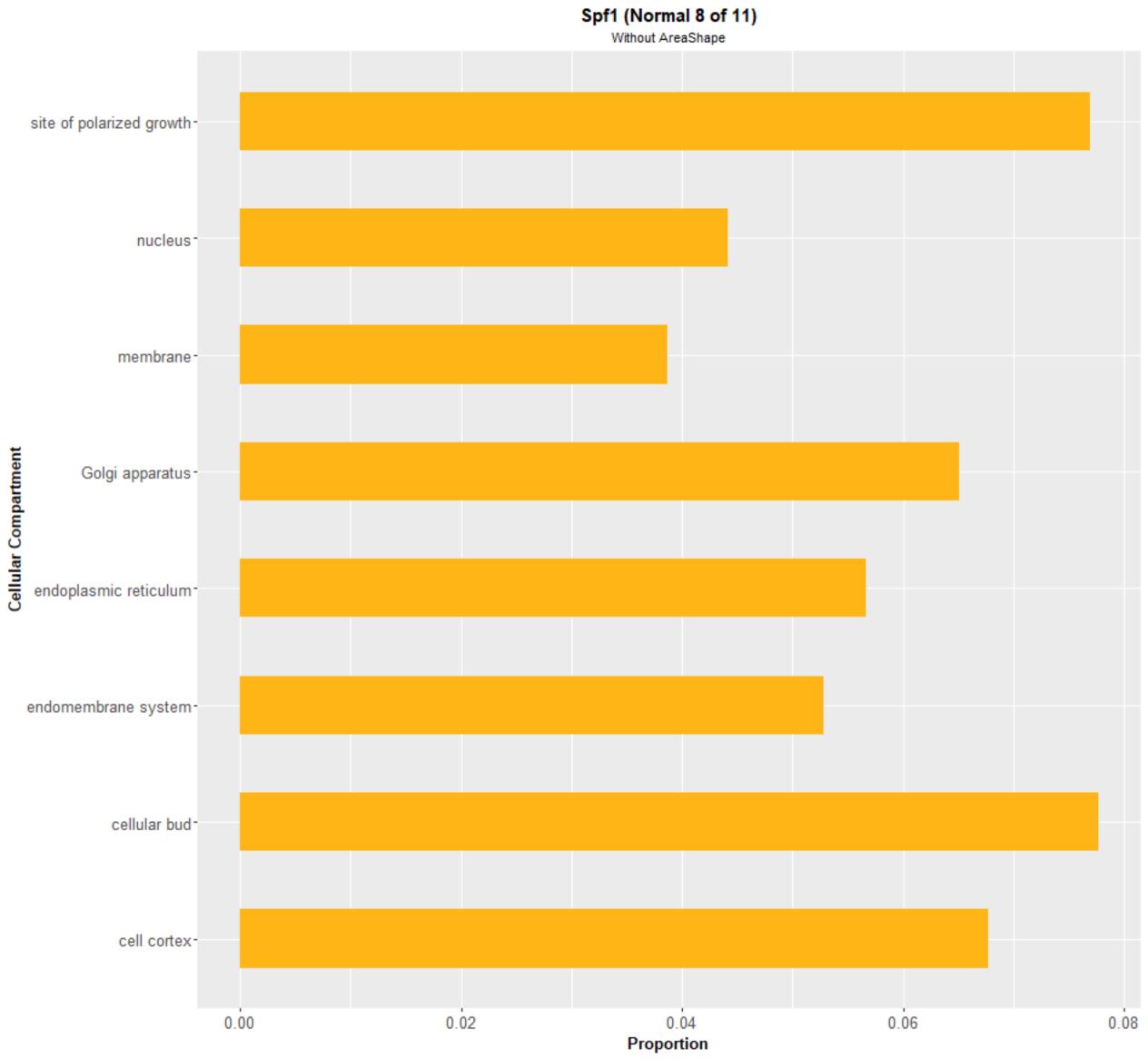
Spf1 (Normal 5 of 11) Without AreaShape vesicle organization -RNA splicing regulation of protein_ modification process proteolysis involved in cellular protein catabolicprocess organelle fusion organelle fission -Biological Process organelle assembly mRNA processing mitotic cell cycle membrane fusion -Golgi vesicle transport DNA replication cytoskeleton organization chromosome segregation 0.050 0.000 0.025 0.075 Proportion

Spf1 (Normal 6 of 11) Without AreaShape transcription from RNA_ polymerase II promoter telomere organization -Biological Process response to heatproteolysis involved in cellular protein catabolic process histone modification -0.02 0.00 0.04 Proportion

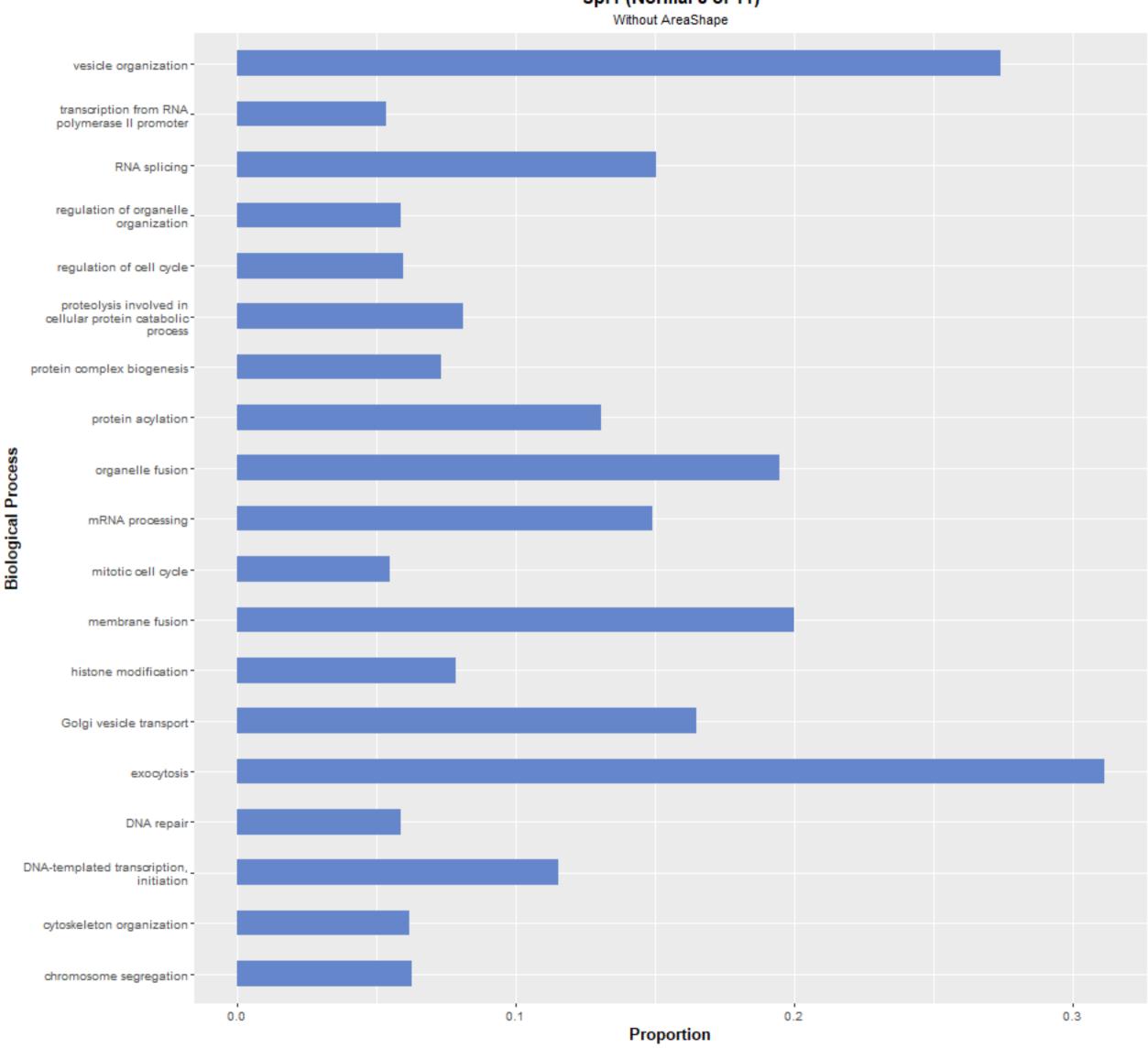
Spf1 (Normal 7 of 11) Without AreaShape site of polarized growth nucleusmicrotubule organizing center-Golgi apparatus endoplasmic reticulum-Cellular Compartment endomembrane system cytoskeletoncytoplasmic vesicle chromosomecellular budcell cortex-0.2 0.1 0.0 Proportion

Spf1 (Normal 7 of 11)

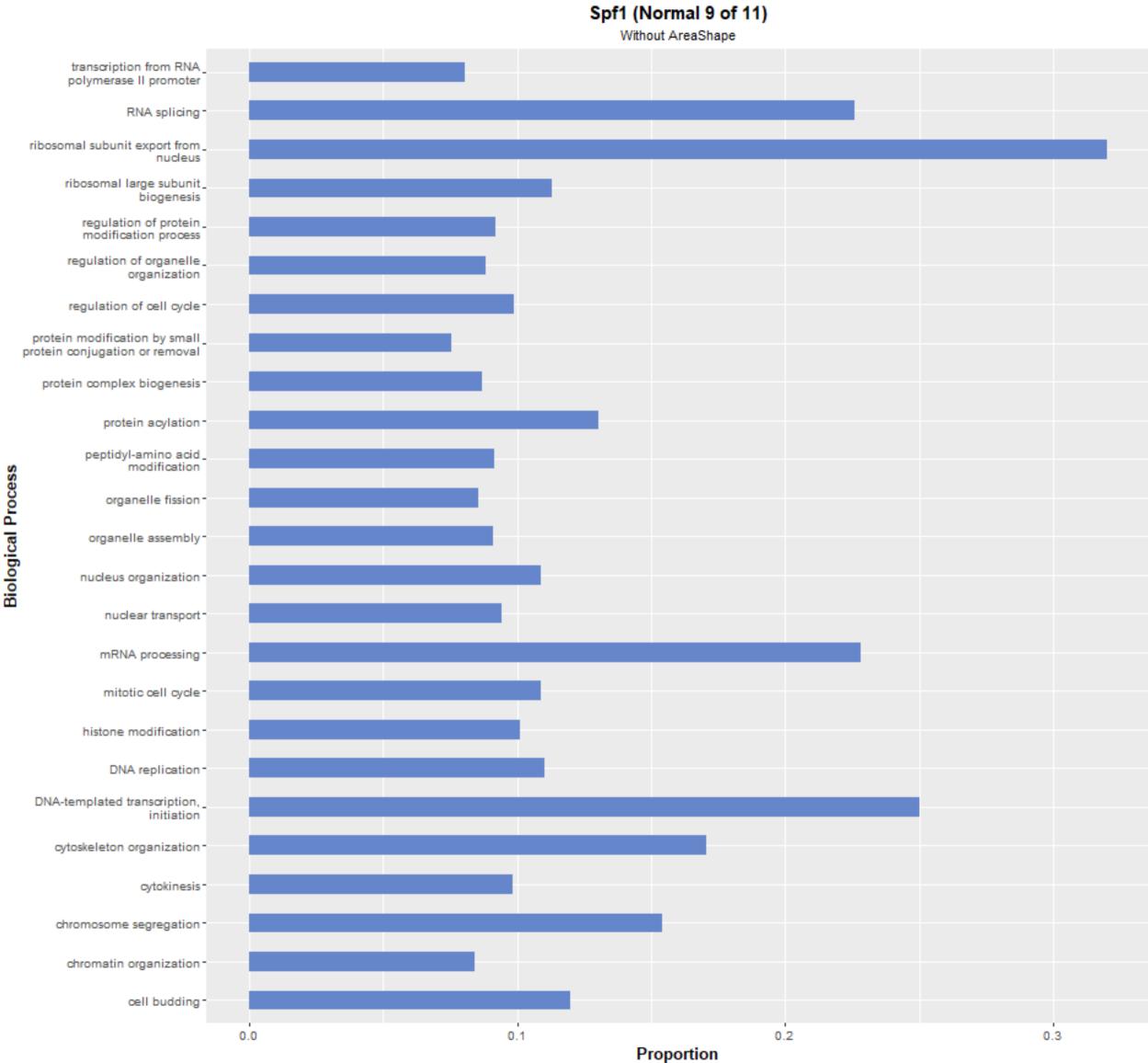


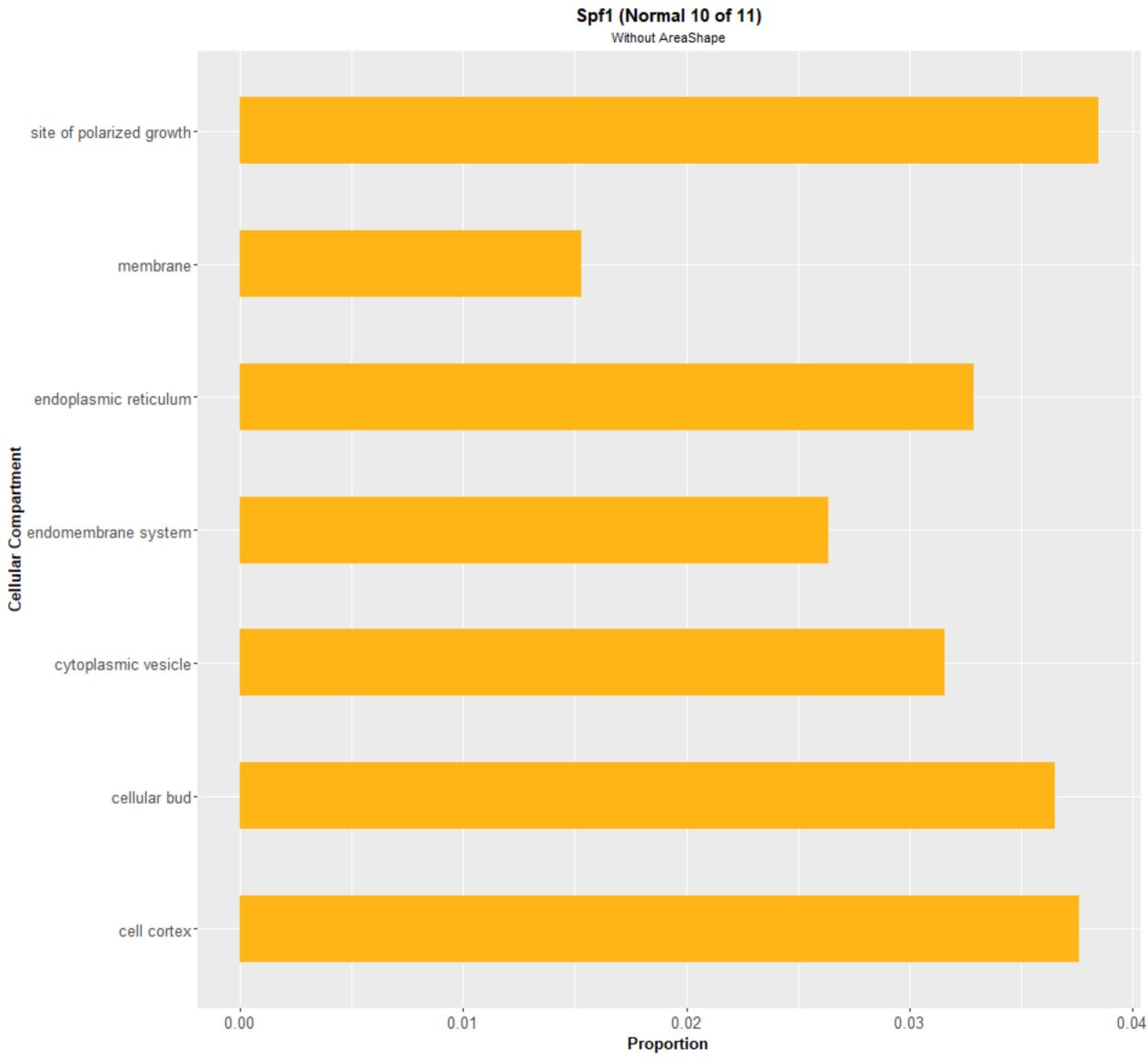


Spf1 (Normal 8 of 11) Without AreaShape



Spf1 (Normal 9 of 11) Without AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.1 0.2 0.0 Proportion





Spf1 (Normal 10 of 11) Without AreaShape vesicle organization regulation of transport proteolysis involved in cellular protein catabolic process Piological Process protein complex biogenesis process proces membrane fusion -Golgi vesicle transport

