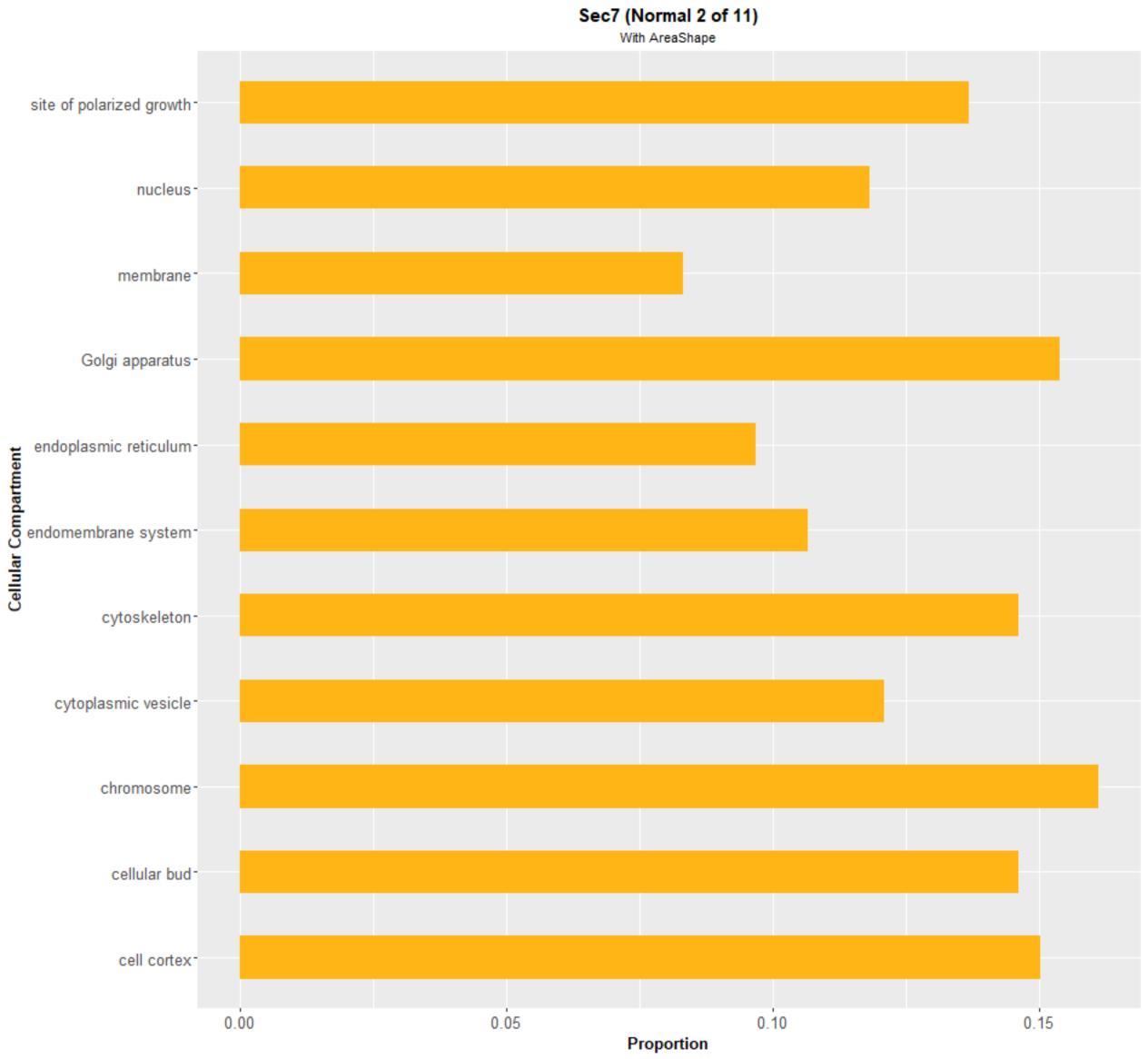
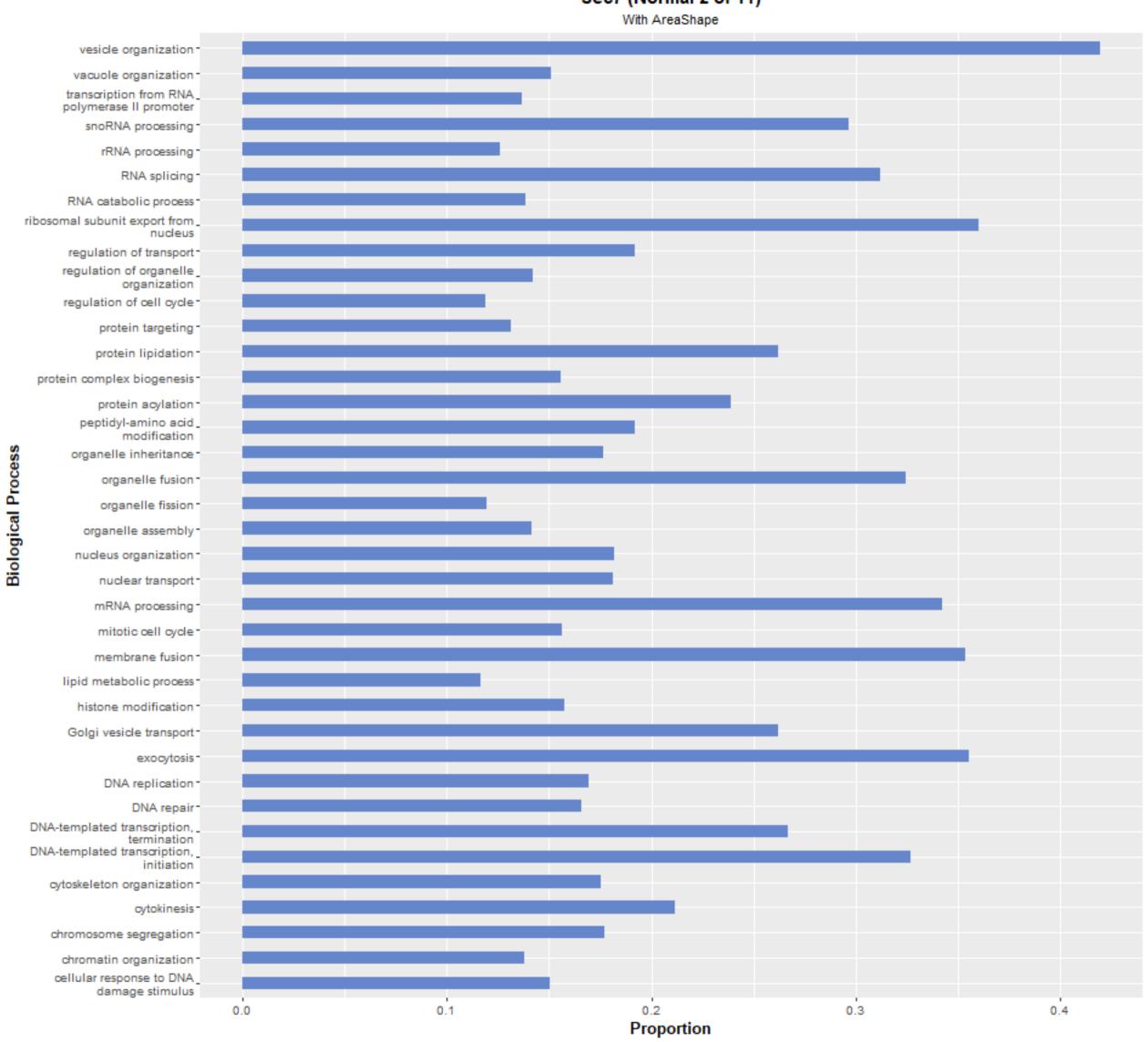


Sec7 (Normal 0 of 11) With AreaShape transcription from RNA polymerase II promoter RNA splicing regulation of protein\_ modification process regulation of organelle organization regulation of cell cycle protein phosphorylation protein acylation peptidyl-amino acid\_ modification organelle fusion organelle fission -**Biological Process** nucleus organization mRNA processing mitotic cell cycle membrane fusion histone modification -Golgi vesicle transport exocytosis -DNA repair DNA-templated transcription, initiation cytoskeleton organization cytokinesis chromosome segregation chromatin organization cellular response to DNA damage stimulus 0.0 0.2 0.1 Proportion



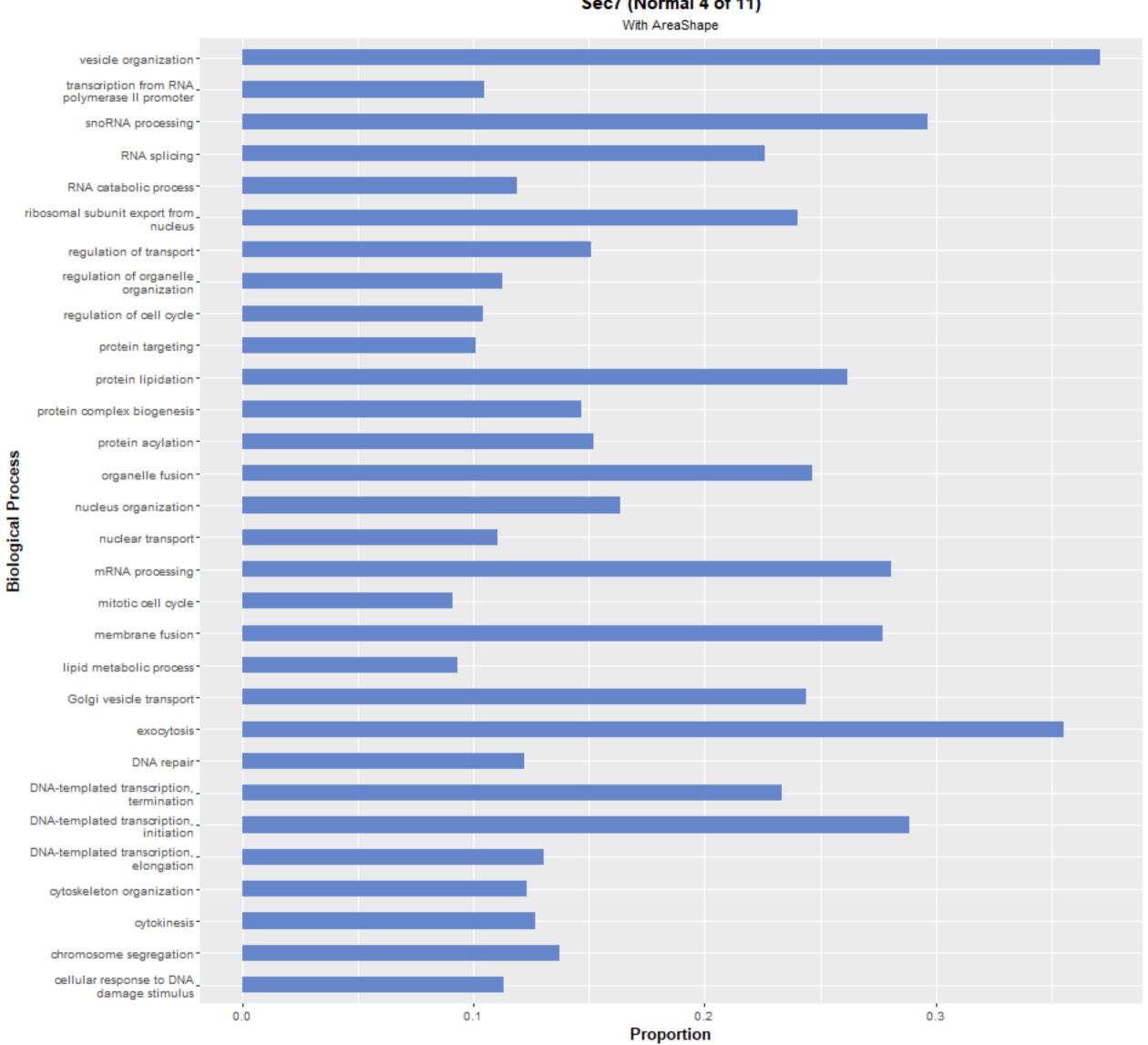
Sec7 (Normal 2 of 11)



Sec7 (Normal 3 of 11) With AreaShape translational initiation Biological Process DNA-templated transcription, \_ initiation 0.04 0.00 0.02 0.06 Proportion

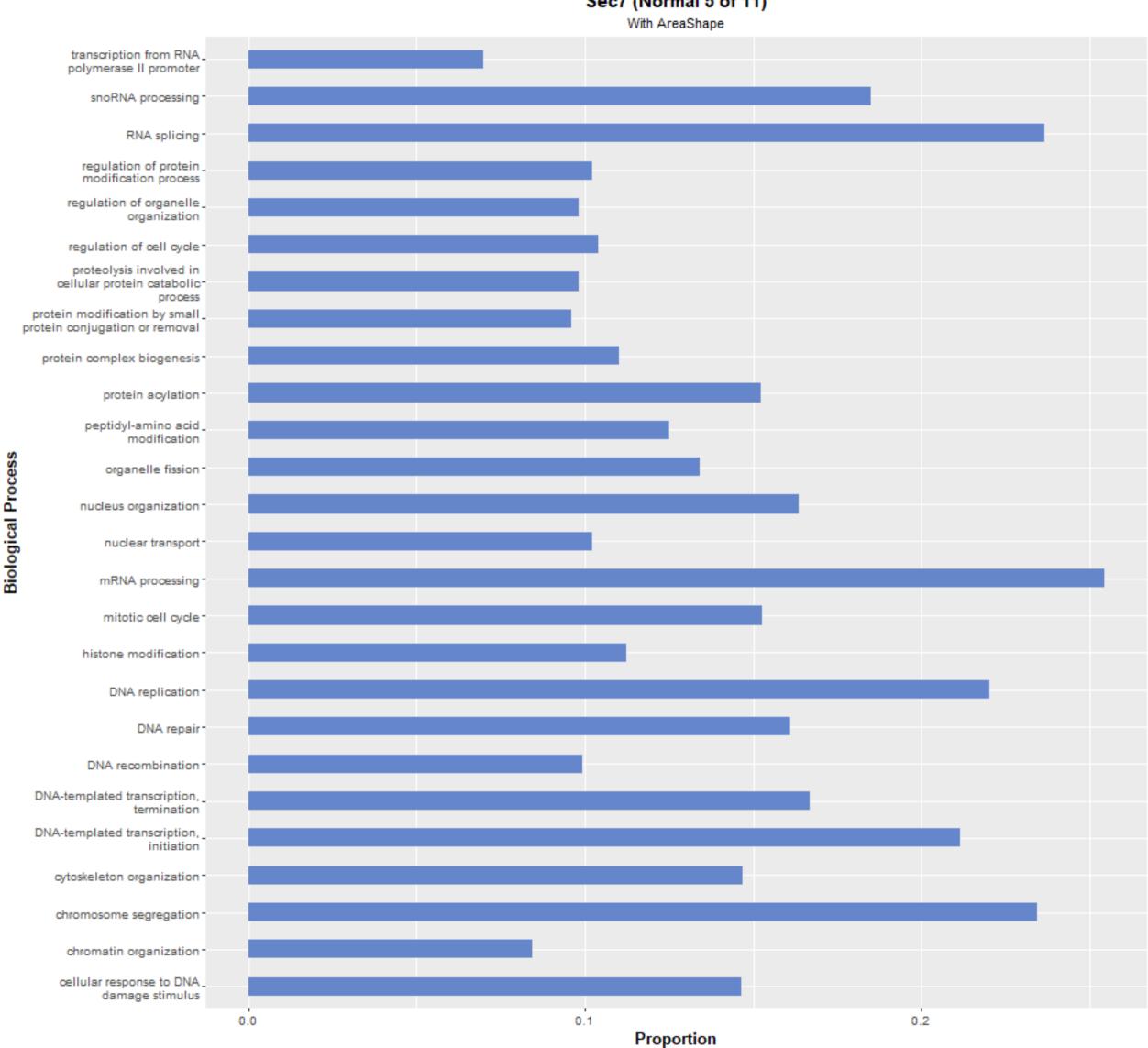
Sec7 (Normal 4 of 11) With AreaShape site of polarized growth nucleusmicrotubule organizing centermembrane-Golgi apparatus -Cellular Compartment endoplasmic reticulum endomembrane systemcytoskeletoncytoplasmic vesiclechromosomecellular bud-0.05 0.15 0.10 0.00 Proportion

Sec7 (Normal 4 of 11)



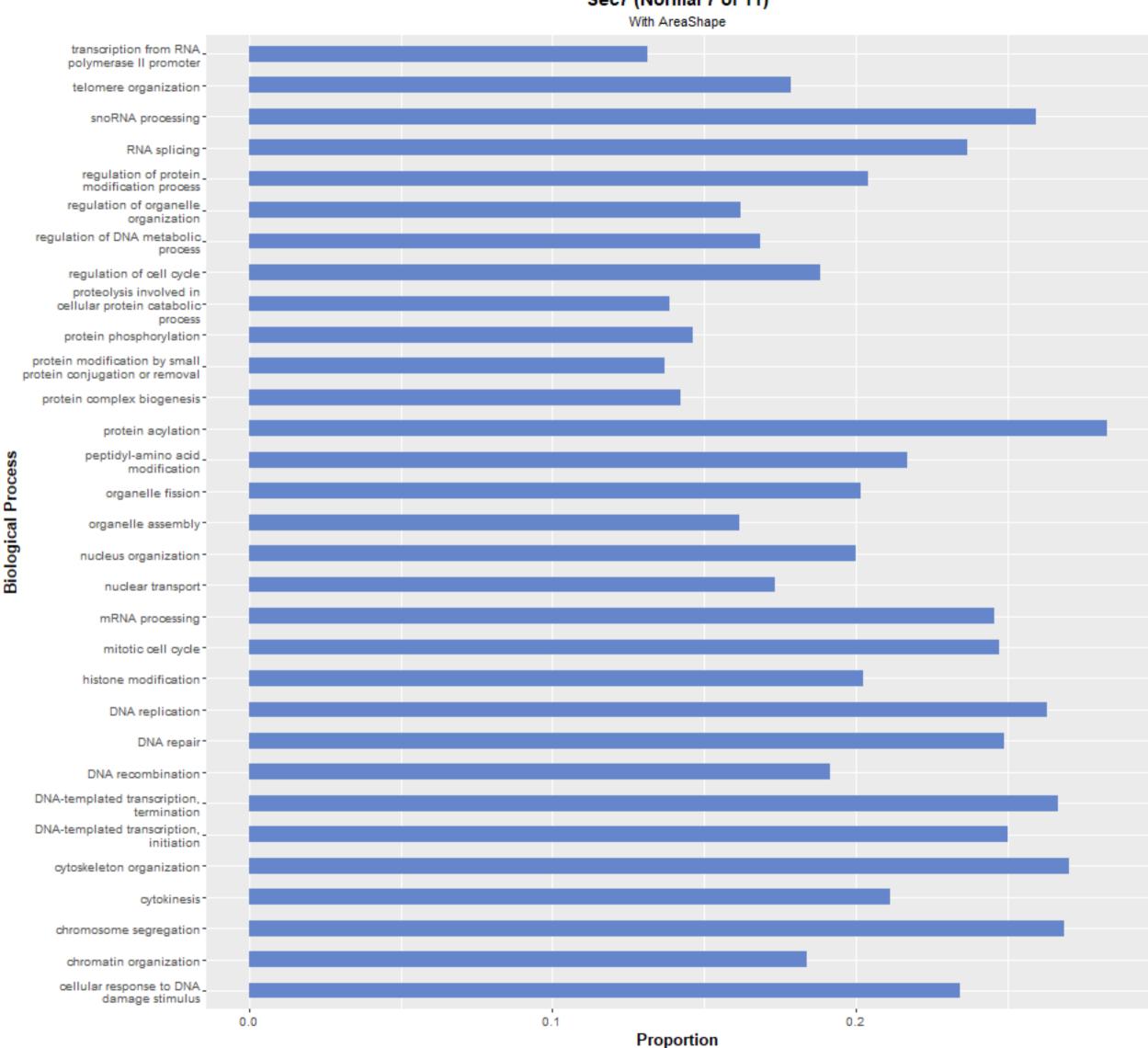
Sec7 (Normal 5 of 11) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.1 0.2 0.0 Proportion

Sec7 (Normal 5 of 11)



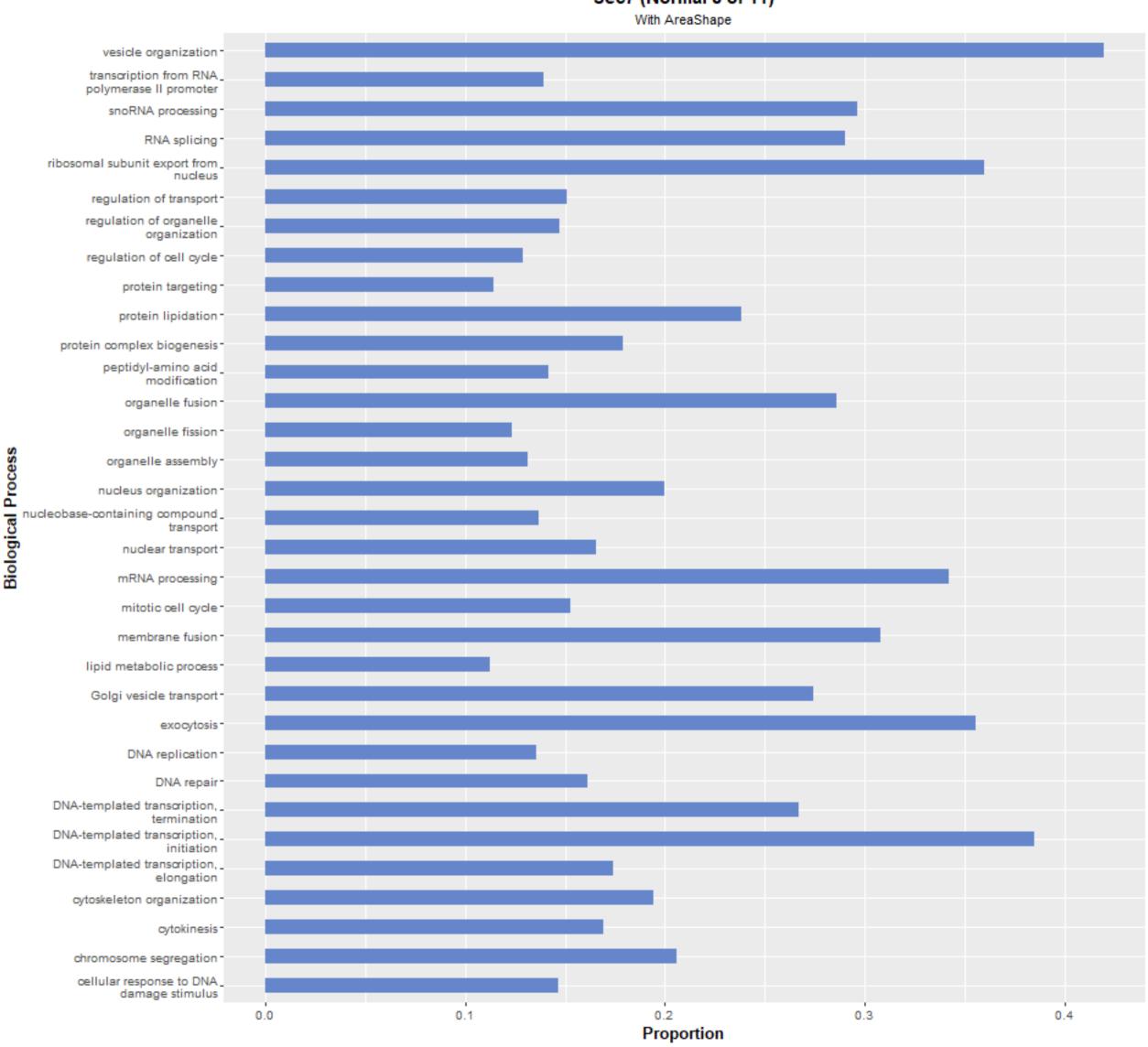
Sec7 (Normal 7 of 11) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosomecell cortex-0.2 0.1 0.3 0.0 Proportion

Sec7 (Normal 7 of 11)



Sec7 (Normal 8 of 11) With AreaShape site of polarized growth nucleusmicrotubule organizing centermembrane-Golgi apparatus -Cellular Compartment endoplasmic reticulum endomembrane systemcytoskeletoncytoplasmic vesiclechromosomecellular bud-0.05 0.10 0.20 0.15 0.00 Proportion

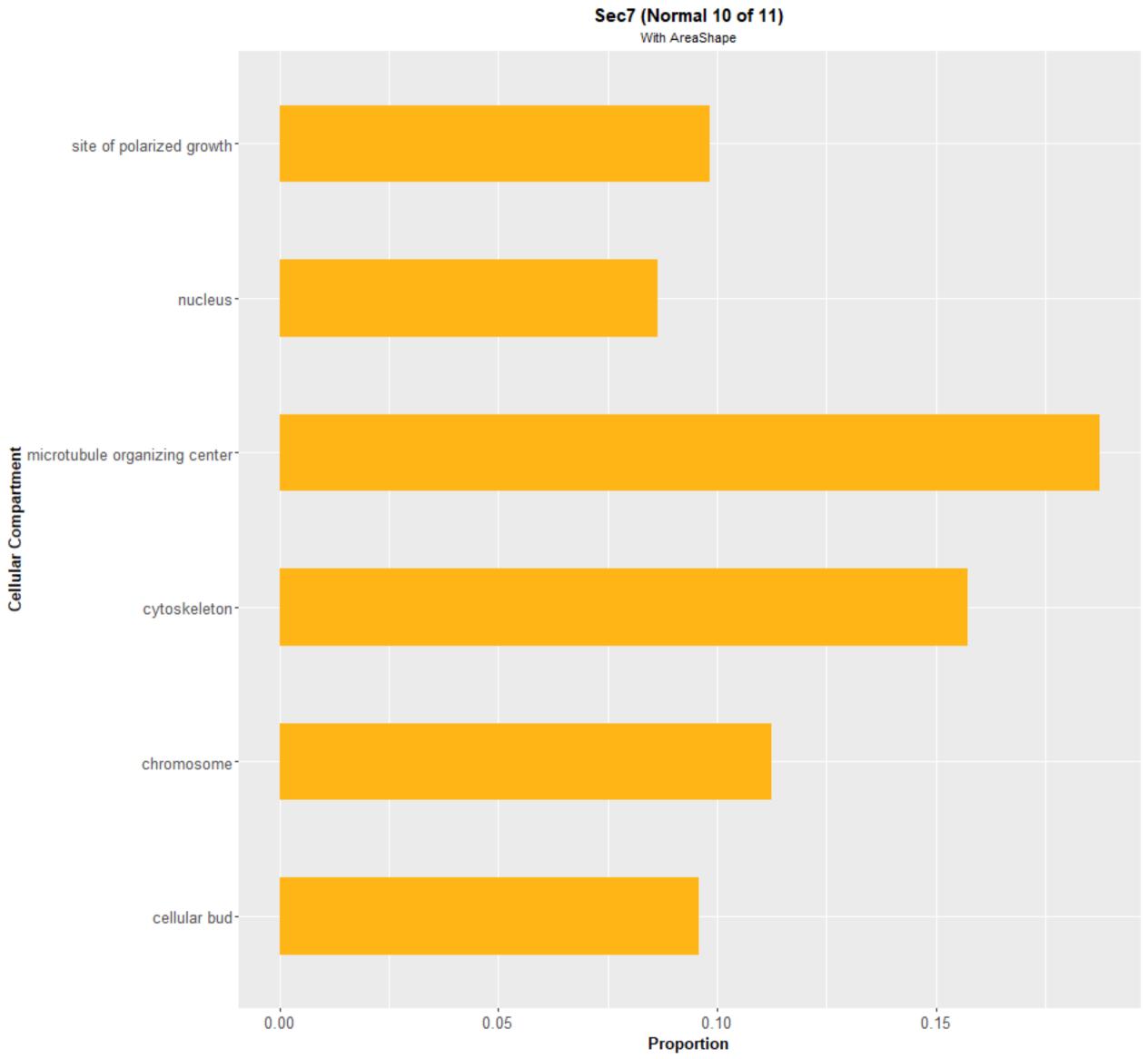
Sec7 (Normal 8 of 11)



Sec7 (Normal 9 of 11) With AreaShape site of polarized growthnucleusmicrotubule organizing center-Cellular Compartment endoplasmic reticulumendomembrane system cytoskeletonchromosomecellular bud-0.15 0.05 0.10 0.20 0.00 Proportion

Sec7 (Normal 9 of 11)

With AreaShape vesicle organization transcription from RNA polymerase II promoter snoRNA processing RNA splicing ribosomal subunit export from nucleus regulation of transport regulation of organelle organization regulation of cell cycle protein targeting protein phosphorylation protein lipidation protein complex biogenesis protein acylation peptidyl-amino acid\_ modification organelle fusion organelle fission -**Biological Process** organelle assembly nucleus organization nuclear transport mRNA processing mitotic cell cycle membrane fusion lipid metabolic process histone modification -Golgi vesicle transport exocytosis -DNA replication -DNA repair DNA recombination -DNA-templated transcription, \_ termination DNA-templated transcription, initiation cytoskeleton organization cytokinesis chromosome segregation chromatin organization cellular response to DNA damage stimulus cell budding -0.2 0.3 0.0 0.1 Proportion



Sec7 (Normal 10 of 11)

