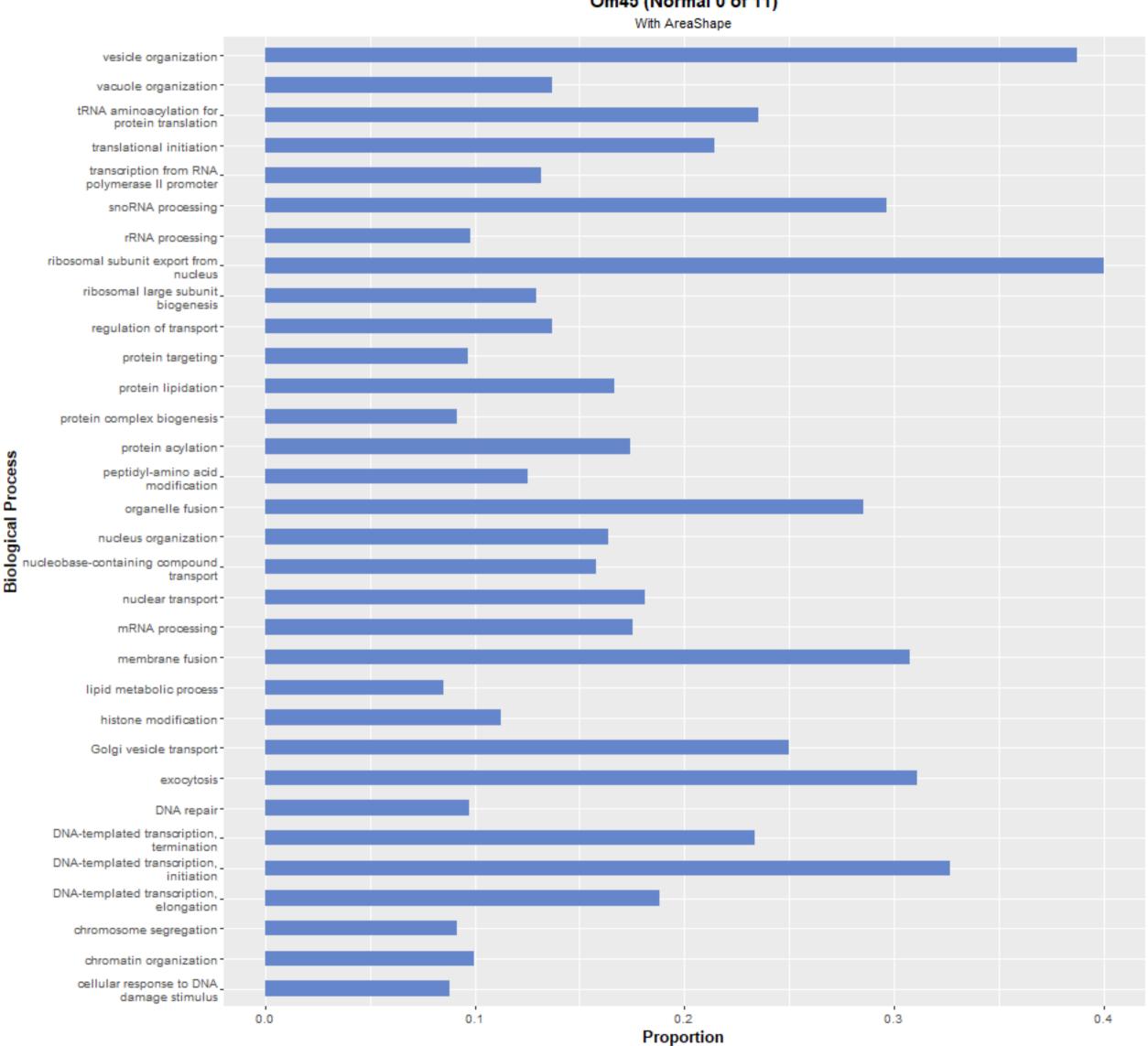


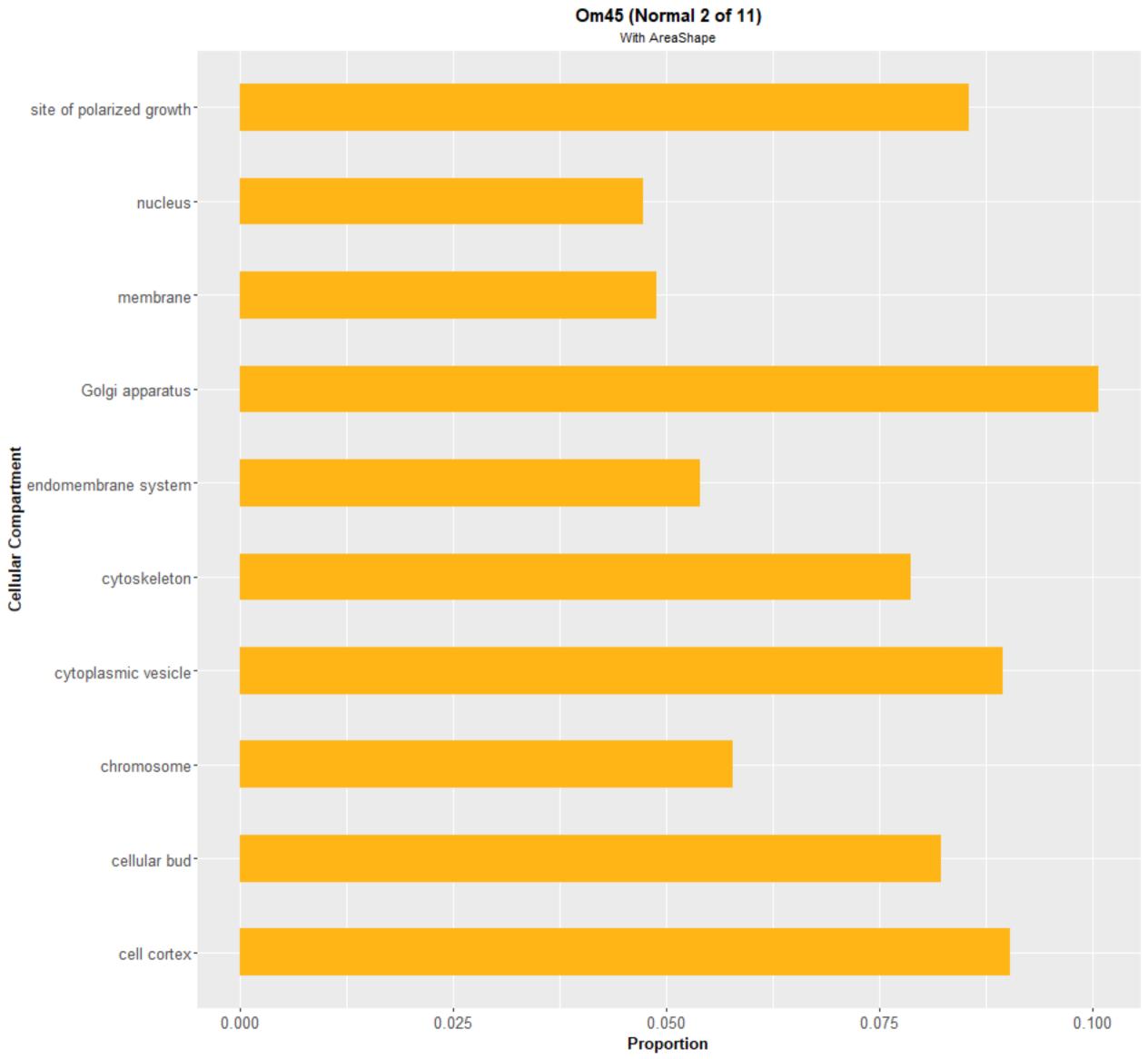
Om45 (Normal 0 of 11)



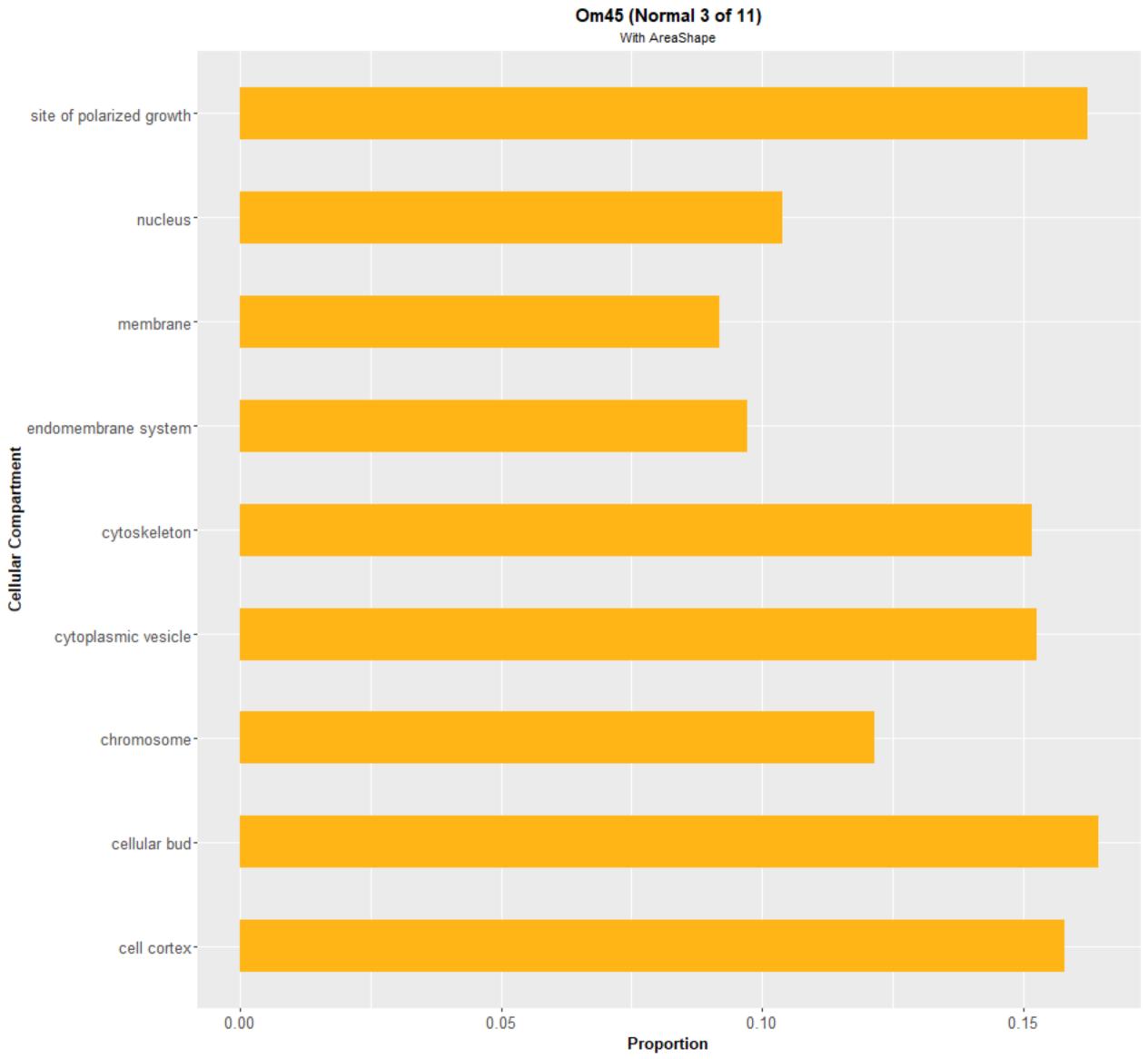
Om45 (Normal 1 of 11) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.15 0.20 0.05 0.10 0.00 Proportion

Om45 (Normal 1 of 11) With AreaShape RNA splicing 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 modification by small_ protein conjugation or removal protein complex biogenesis organelle fission -**Biological Process** nucleus organization mRNA processing mitotic cell cycle -DNA replication -DNA repair DNA recombination -DNA-templated transcription, initiation cytoskeleton organization chromosome segregation chromatin organization cellular response to DNA damage stimulus 0.05 0.10 0.15 0.20 0.00

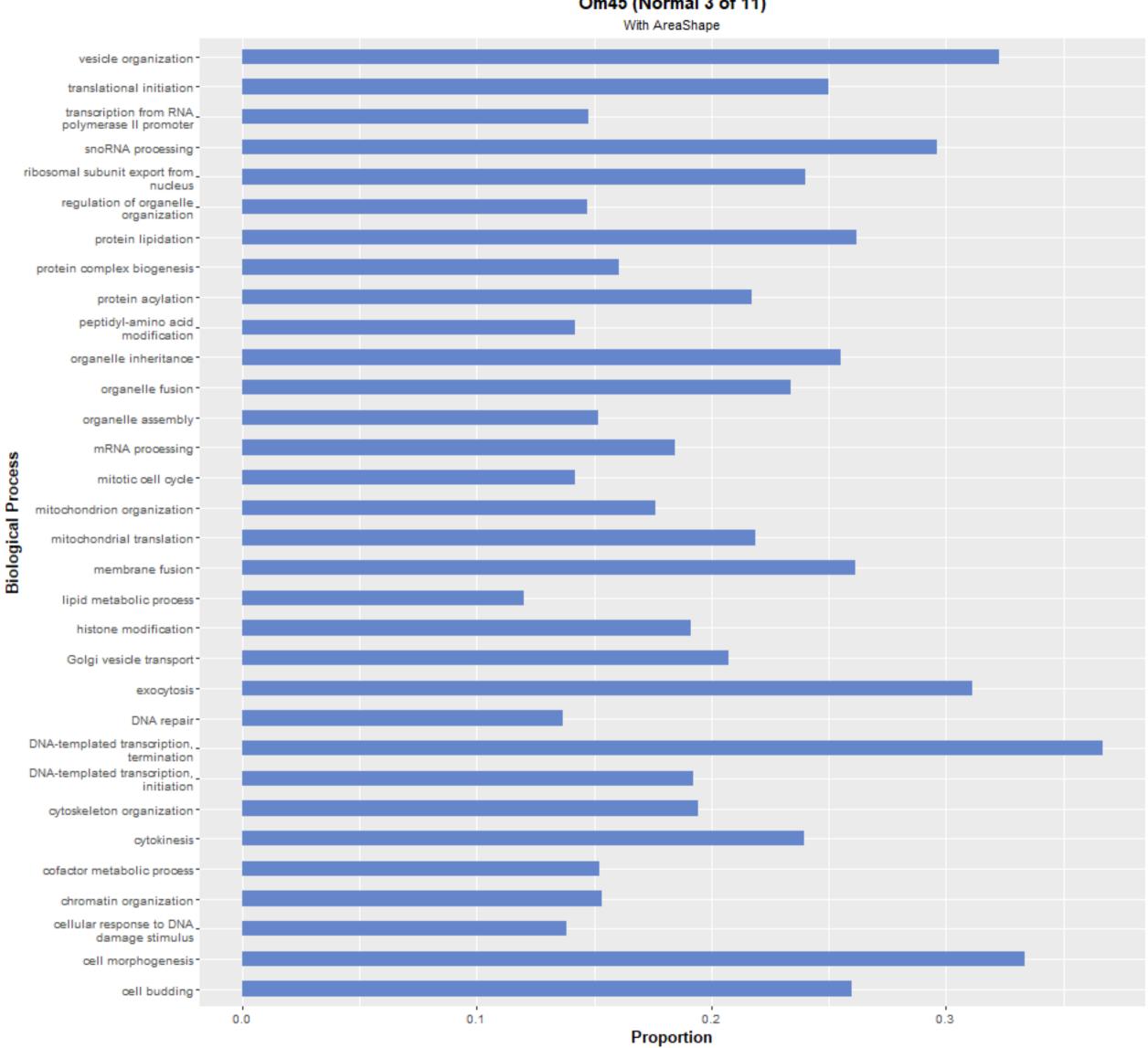
Proportion

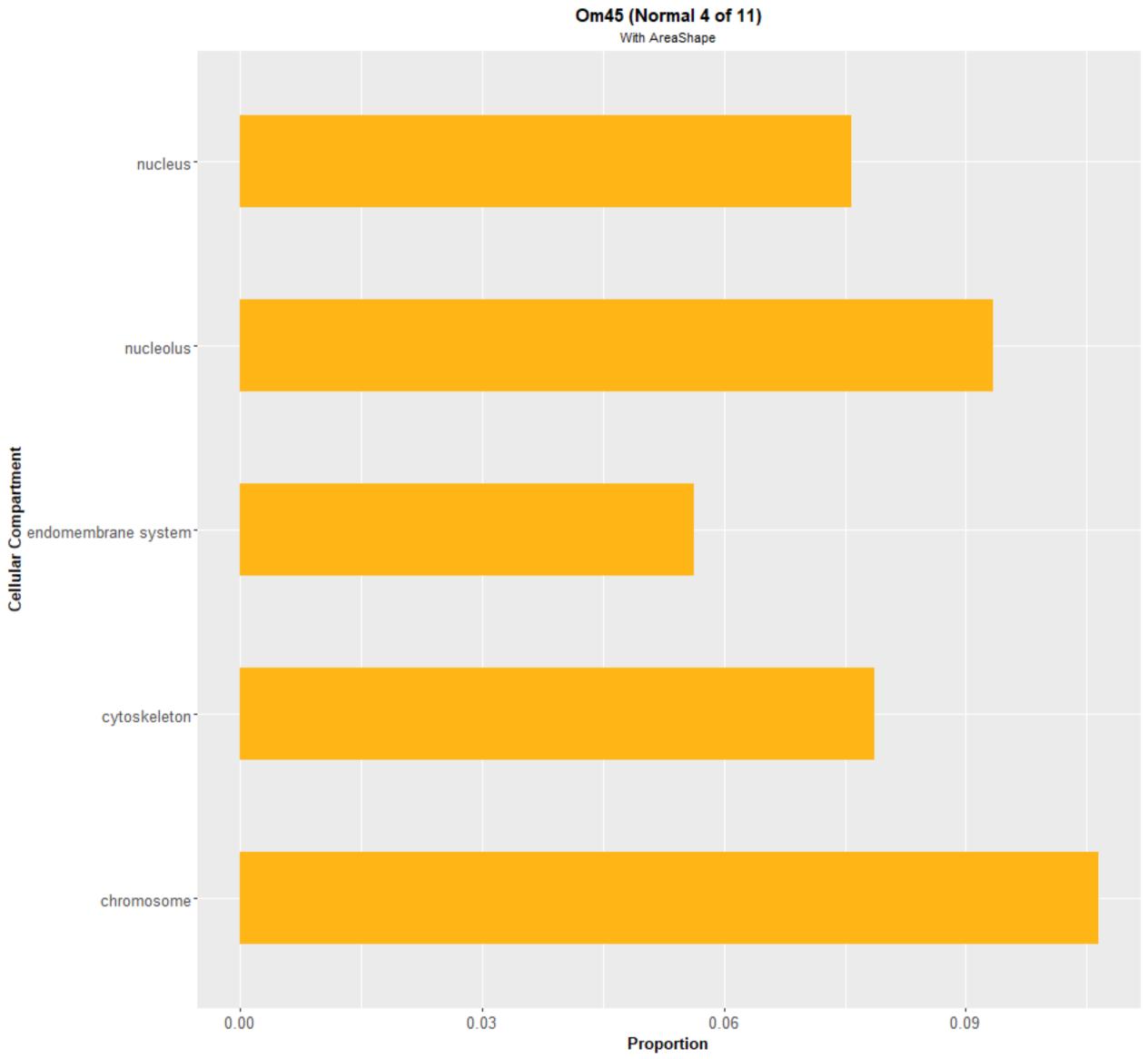


Om45 (Normal 2 of 11) With AreaShape vesicle organization transcription from RNA polymerase II promoter ribosomal subunit export from nucleus regulation of organelle organization protein complex biogenesis protein acylation peptidyl-amino acid _ modification organelle inheritance organelle fusion -**Biological Process** organelle assembly mRNA processing mitochondrion organization membrane fusion histone modification -Golgi vesicle transport exocytosis -DNA repair DNA-templated transcription, _ initiation cytoskeleton organization cytokinesis cellular response to DNA_ damage stimulus 0.0 0.1 0.2 0.3 Proportion

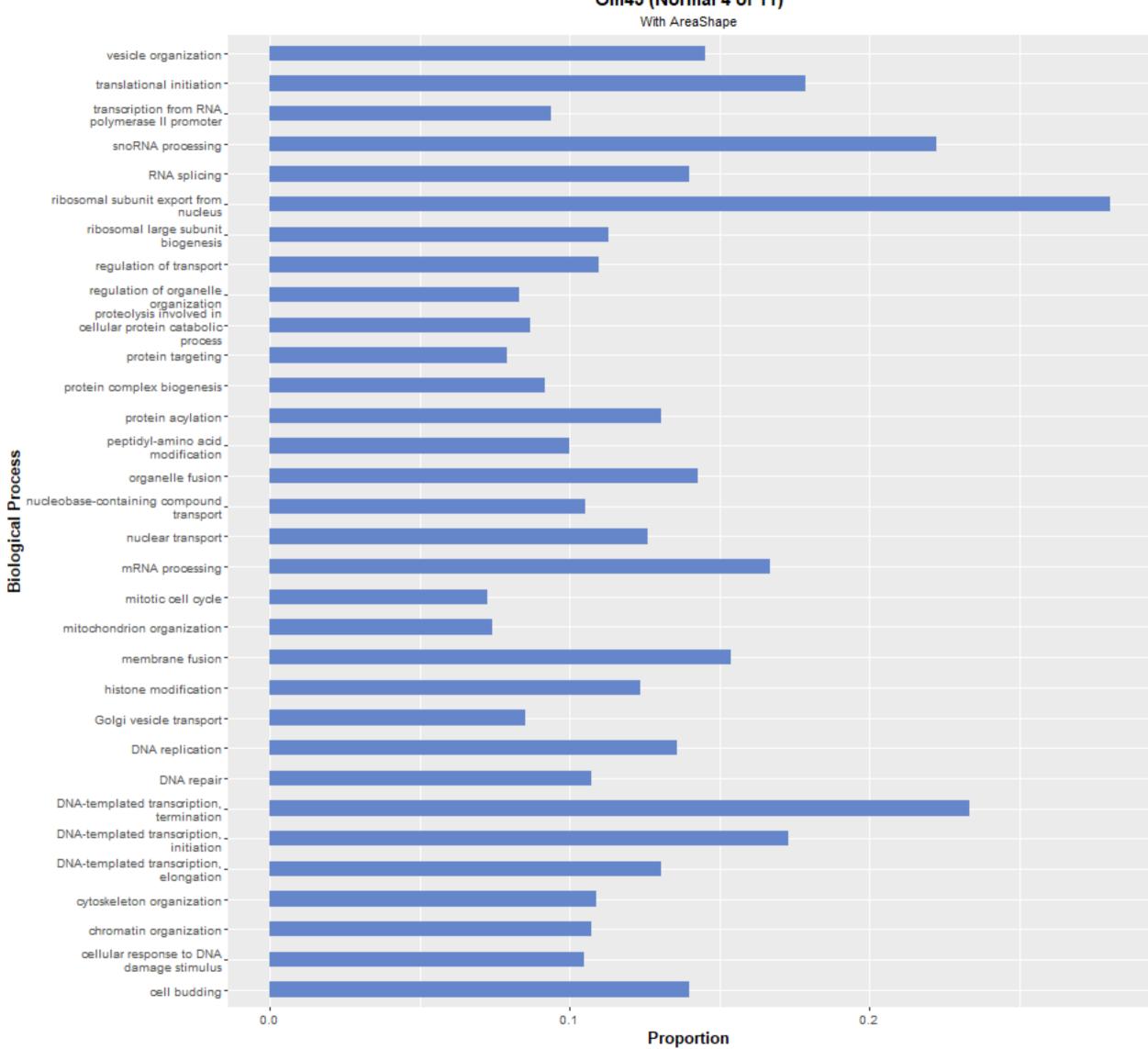


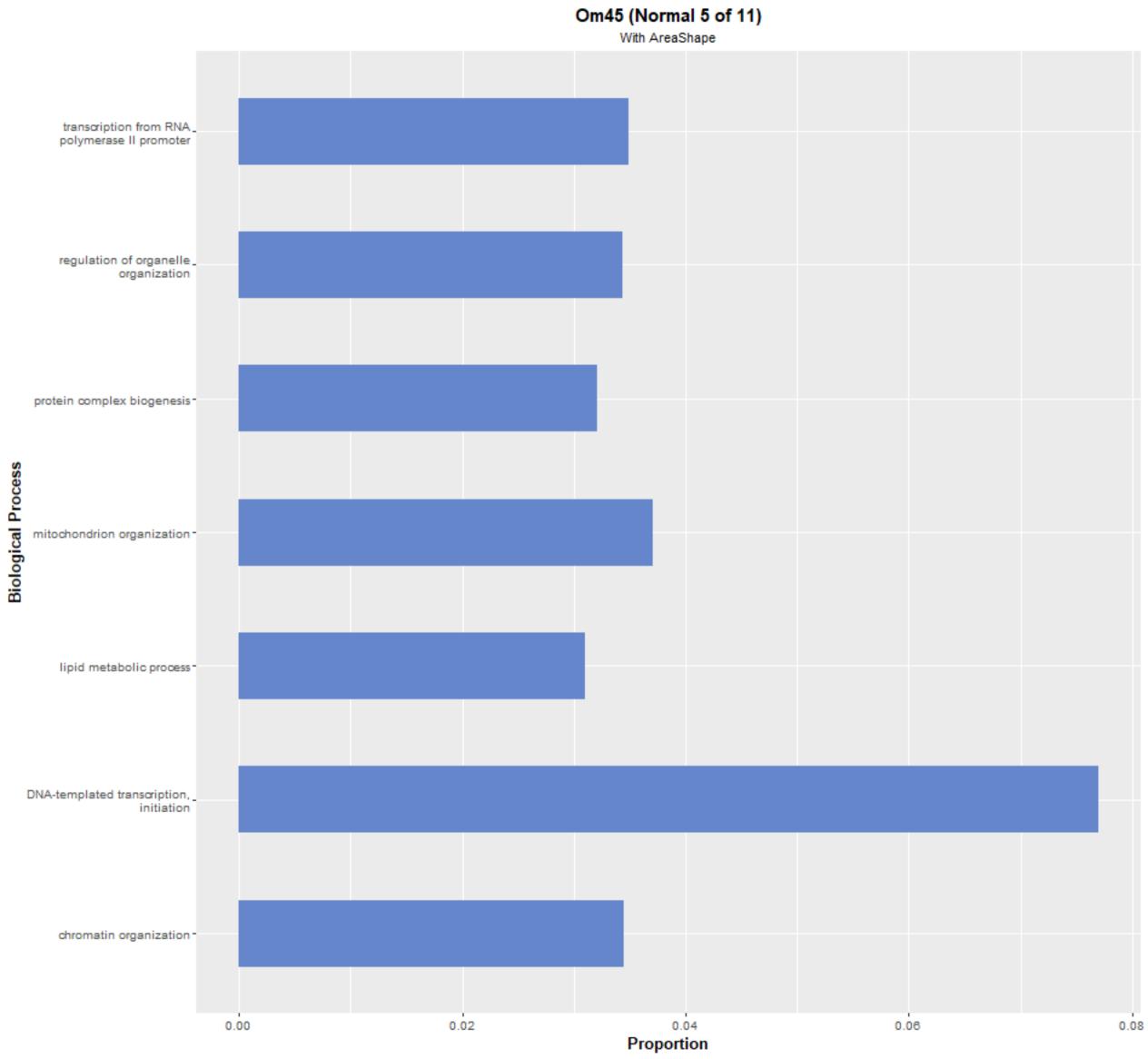
Om45 (Normal 3 of 11)





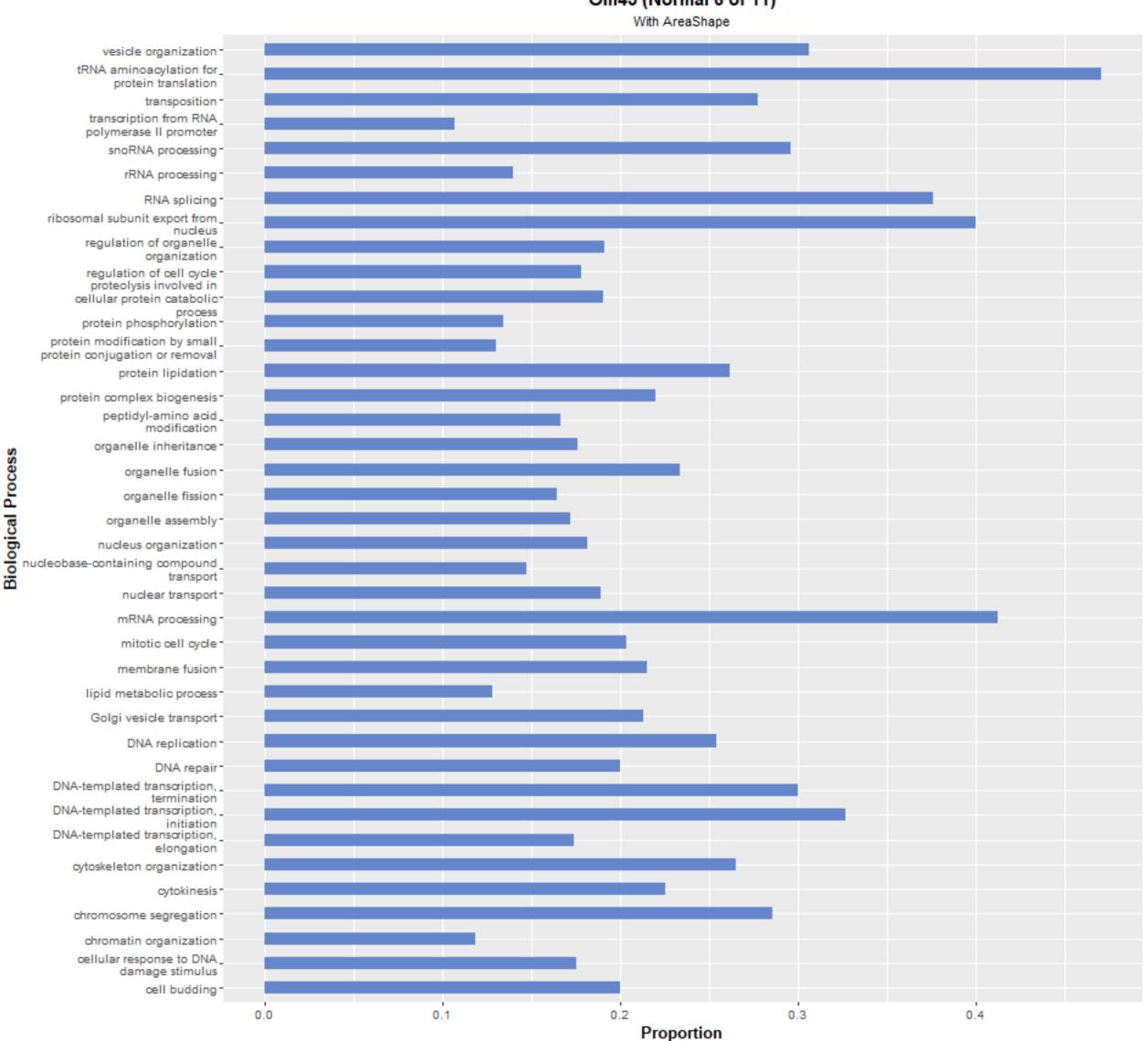
Om45 (Normal 4 of 11)

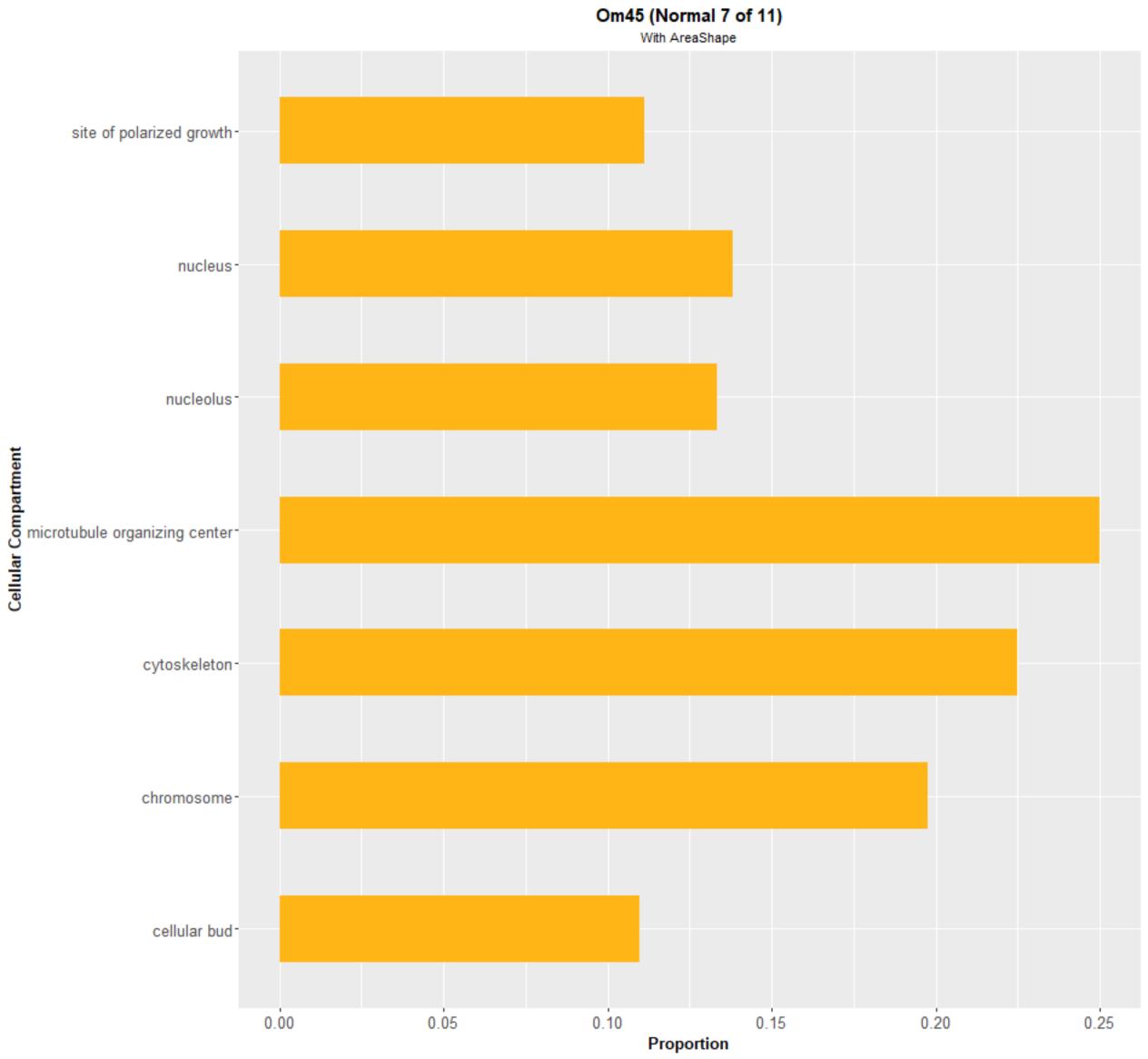




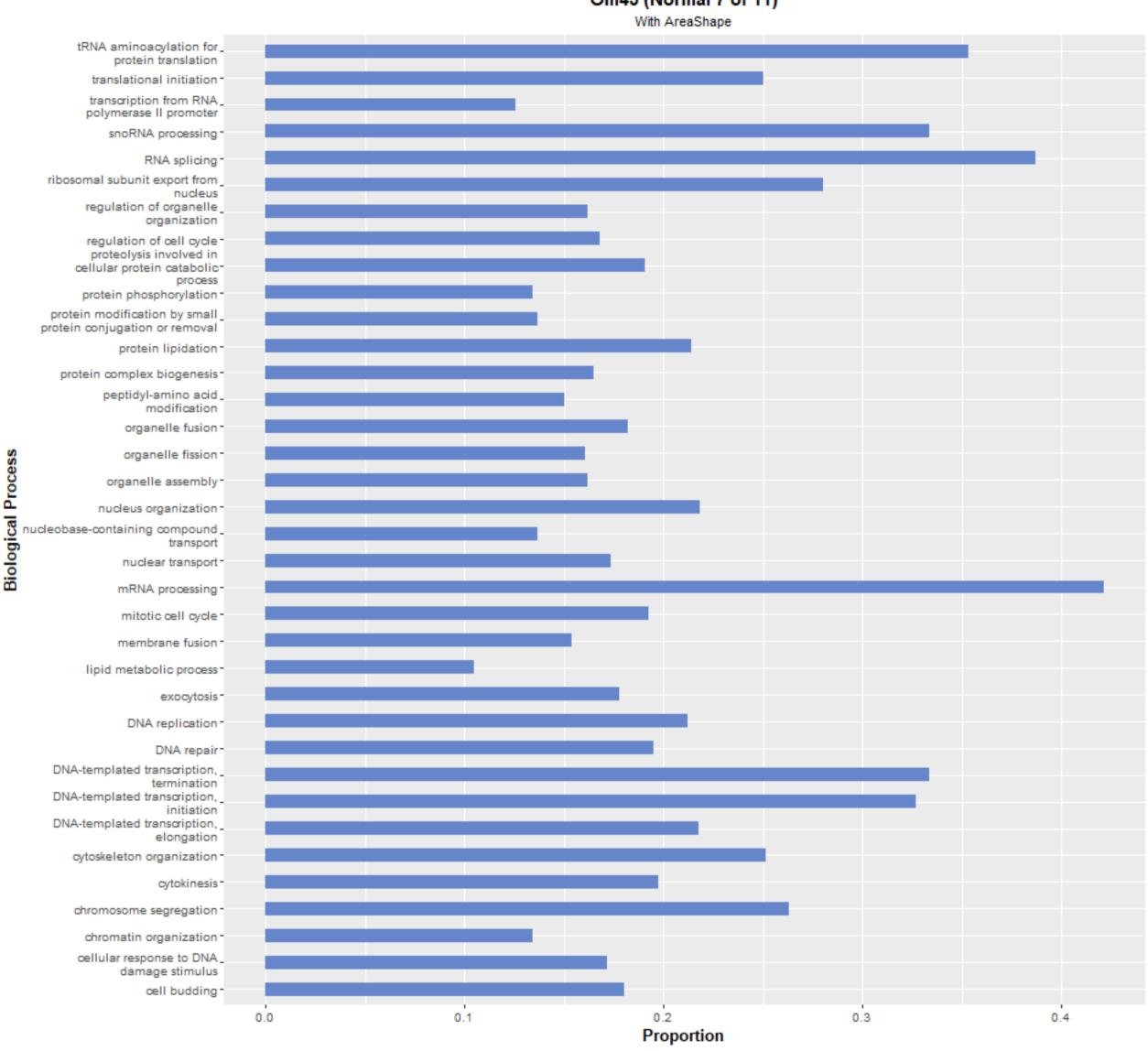
Om45 (Normal 6 of 11) With AreaShape site of polarized growth nucleusnucleolusmicrotubule organizing center-Cellular Compartment Golgi apparatus endoplasmic reticulumendomembrane system cytoskeletoncytoplasmic vesicle chromosome-0.1 0.2 0.3 0.0 Proportion

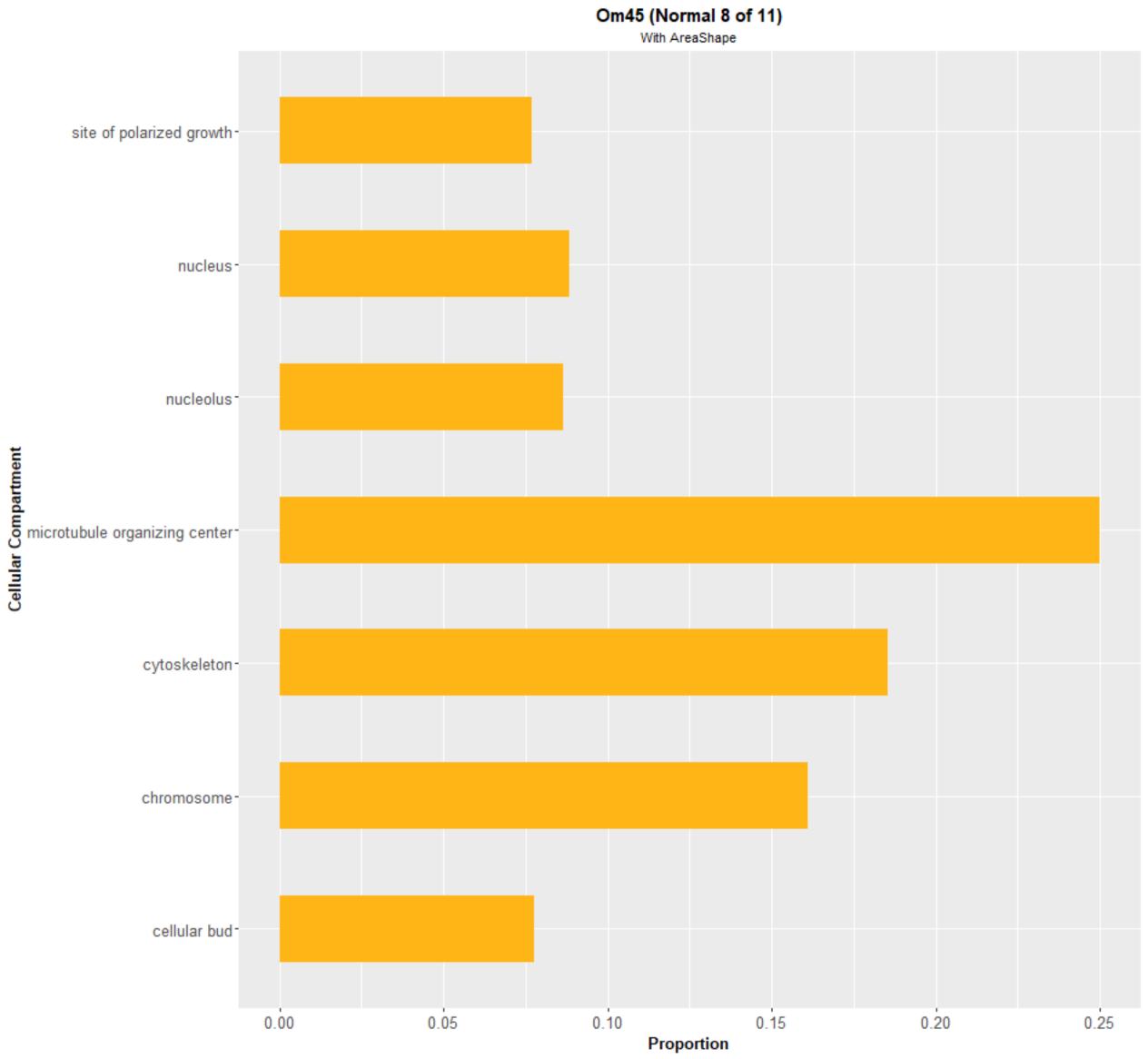
Om45 (Normal 6 of 11)



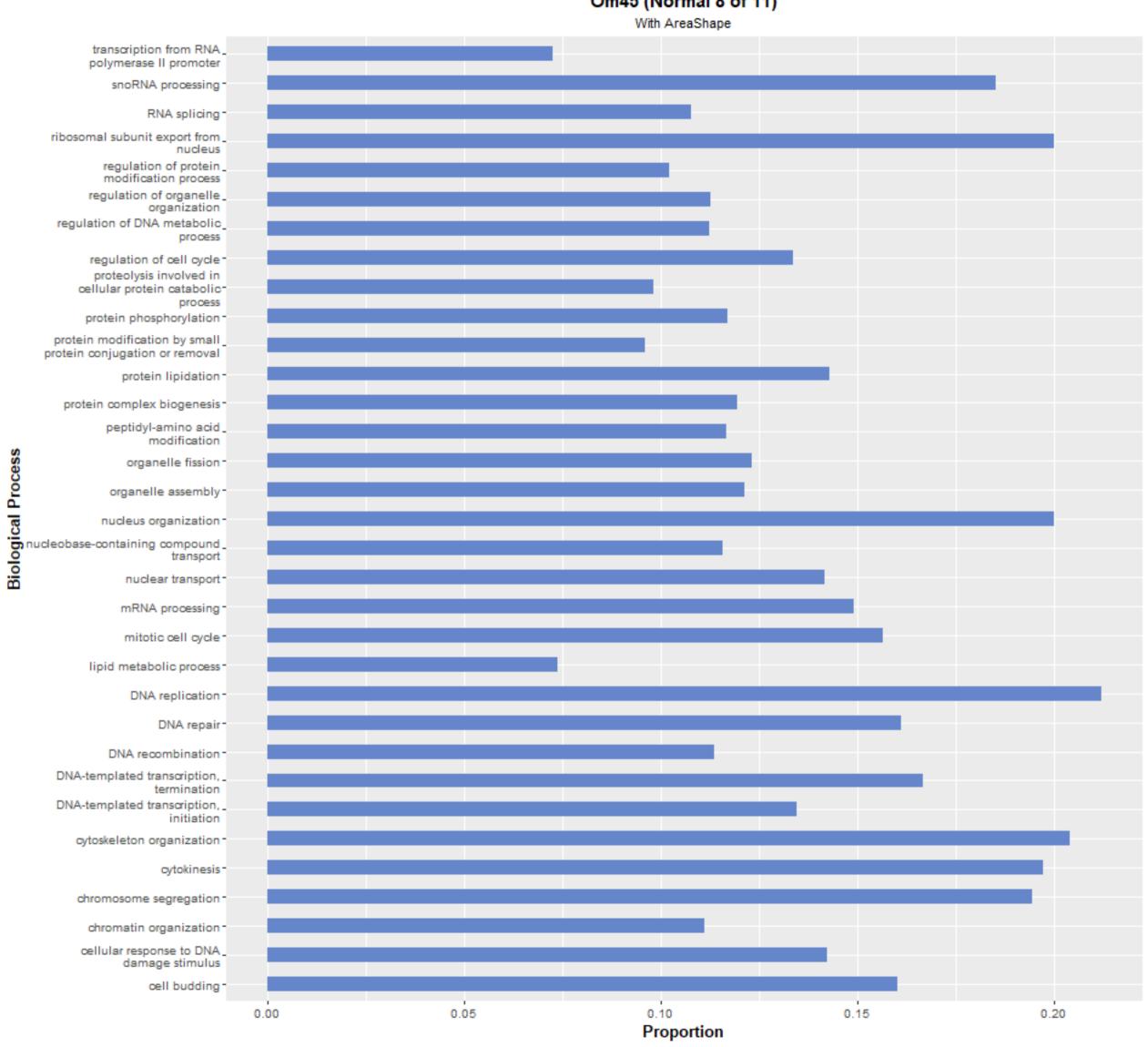


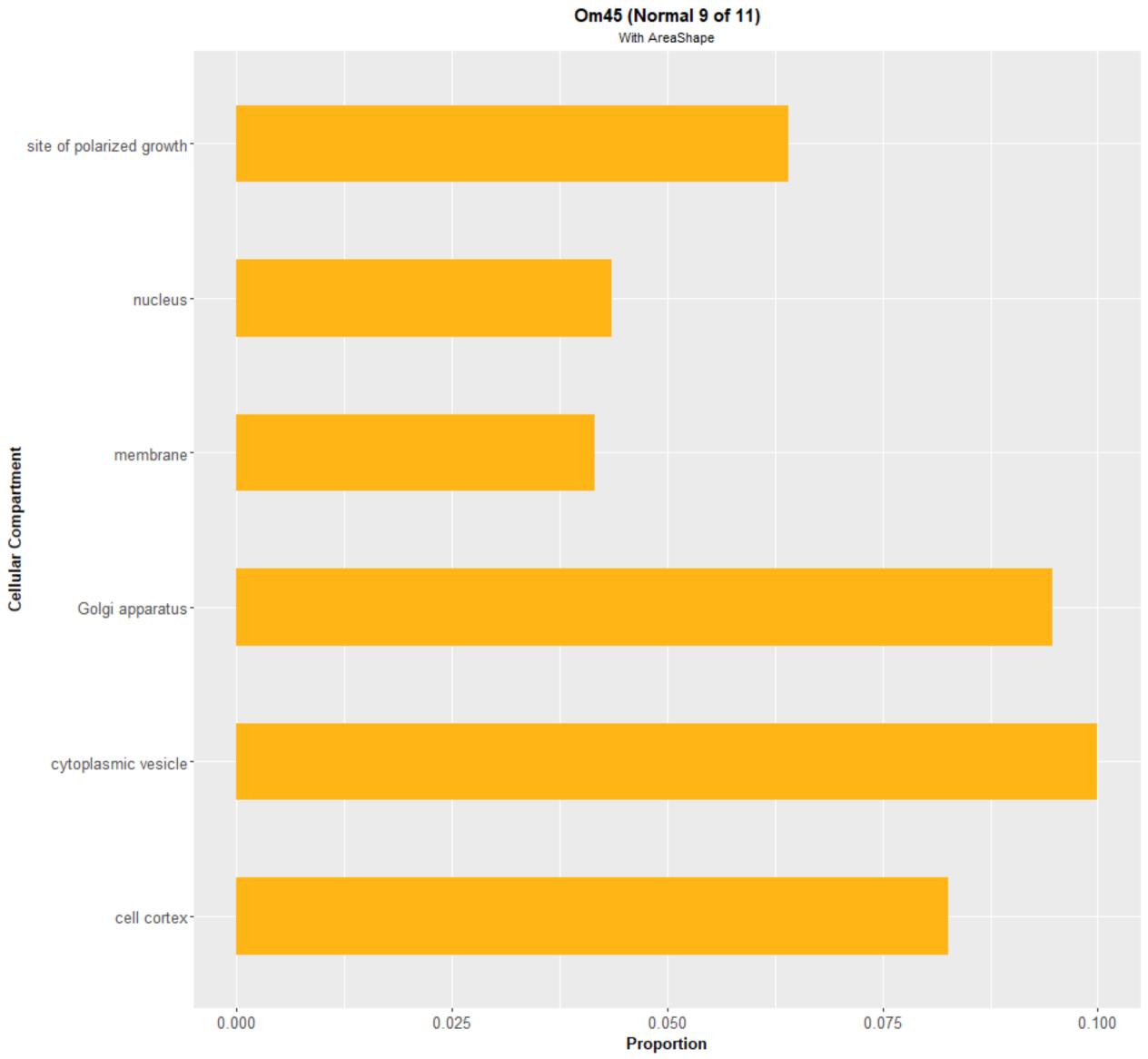
Om45 (Normal 7 of 11)



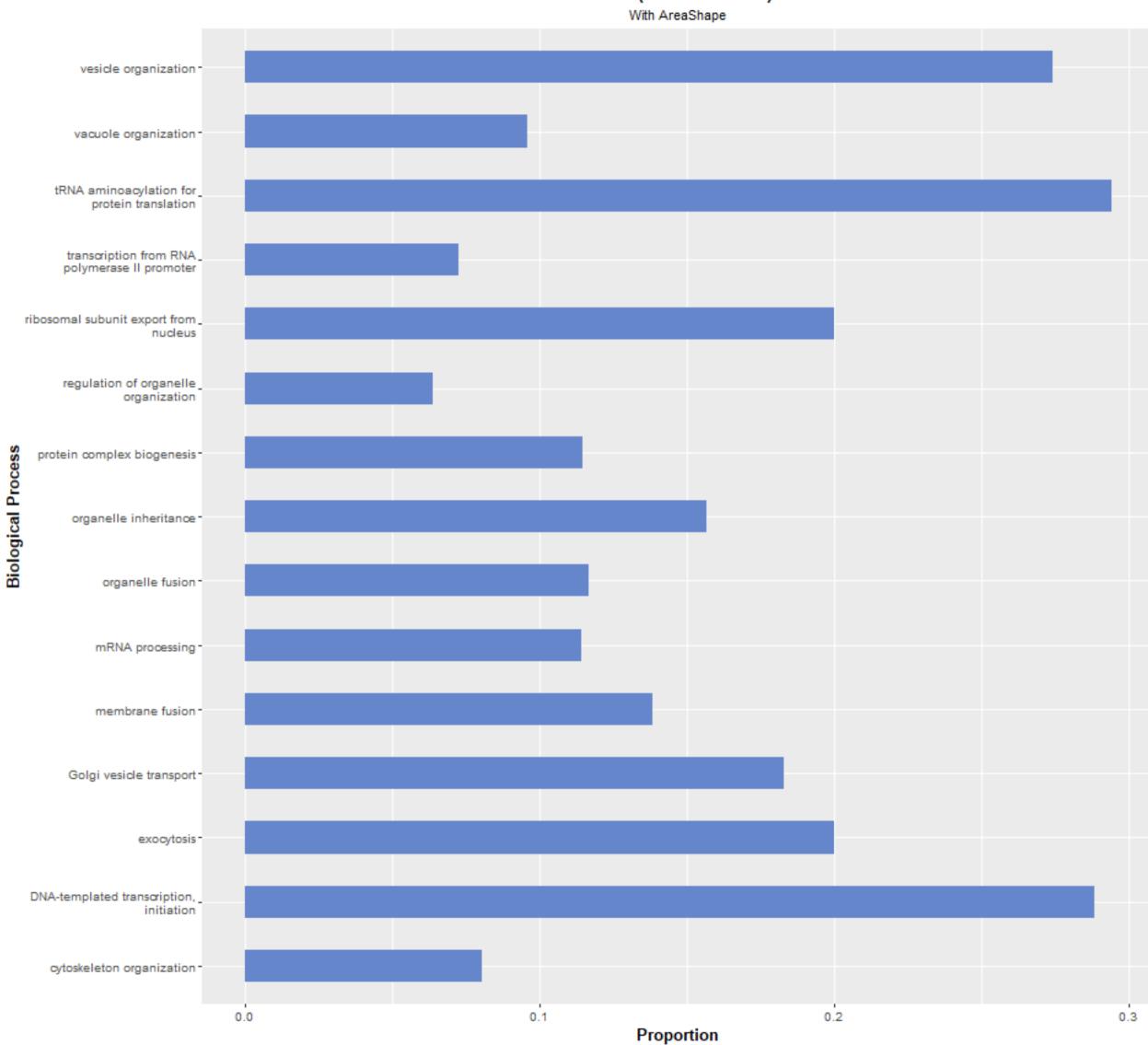


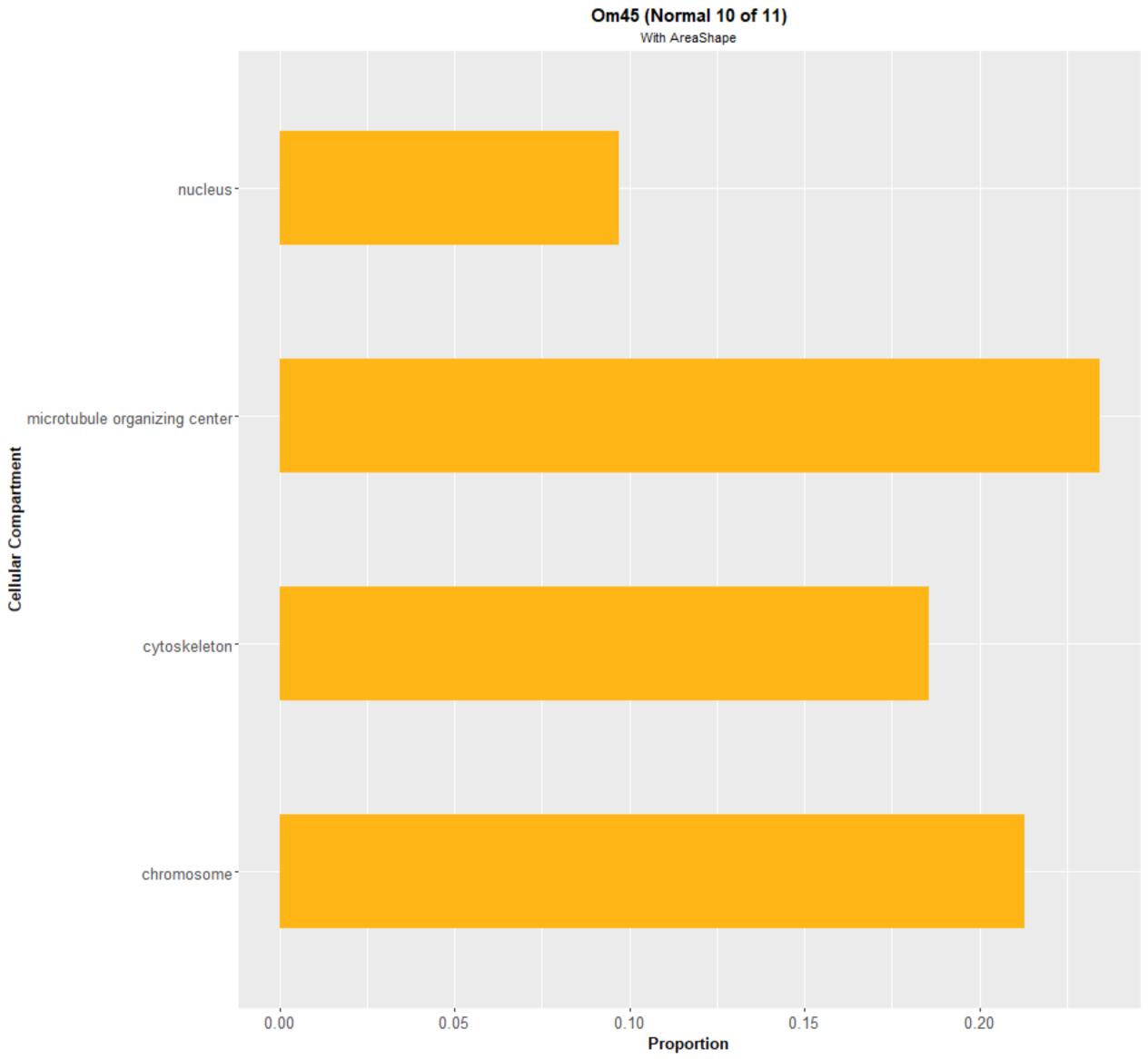
Om45 (Normal 8 of 11)



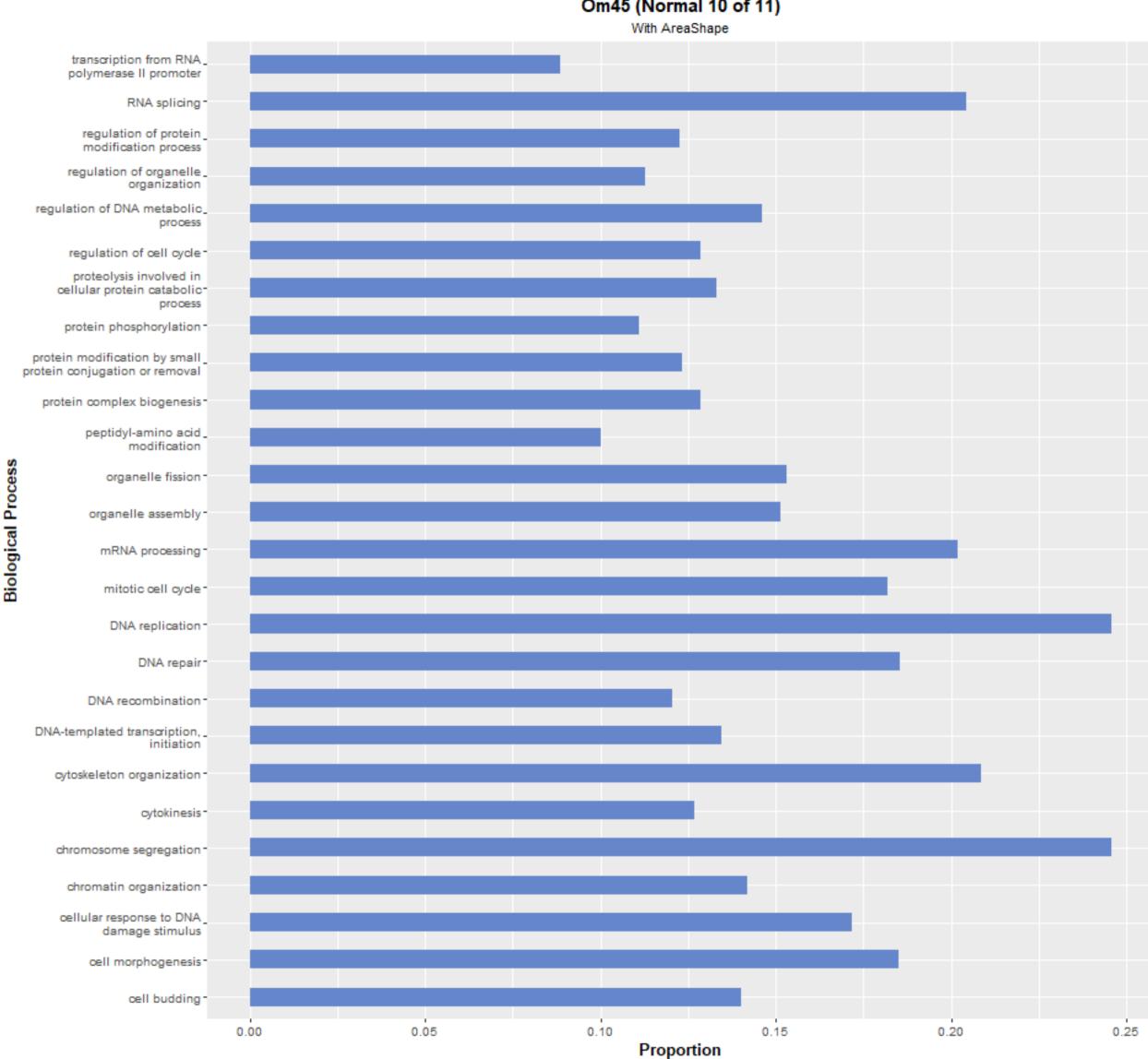


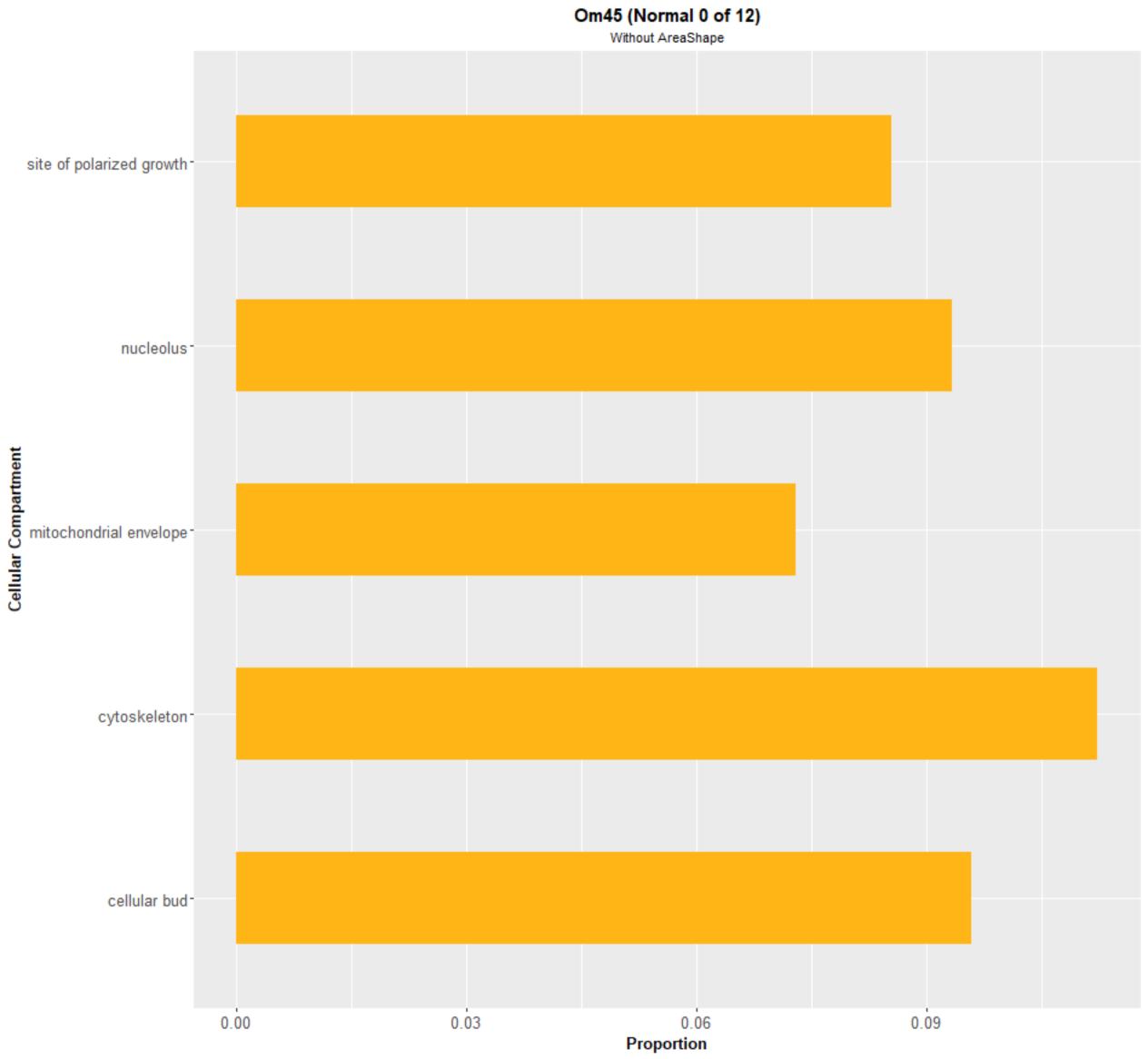
Om45 (Normal 9 of 11) With AreaShape



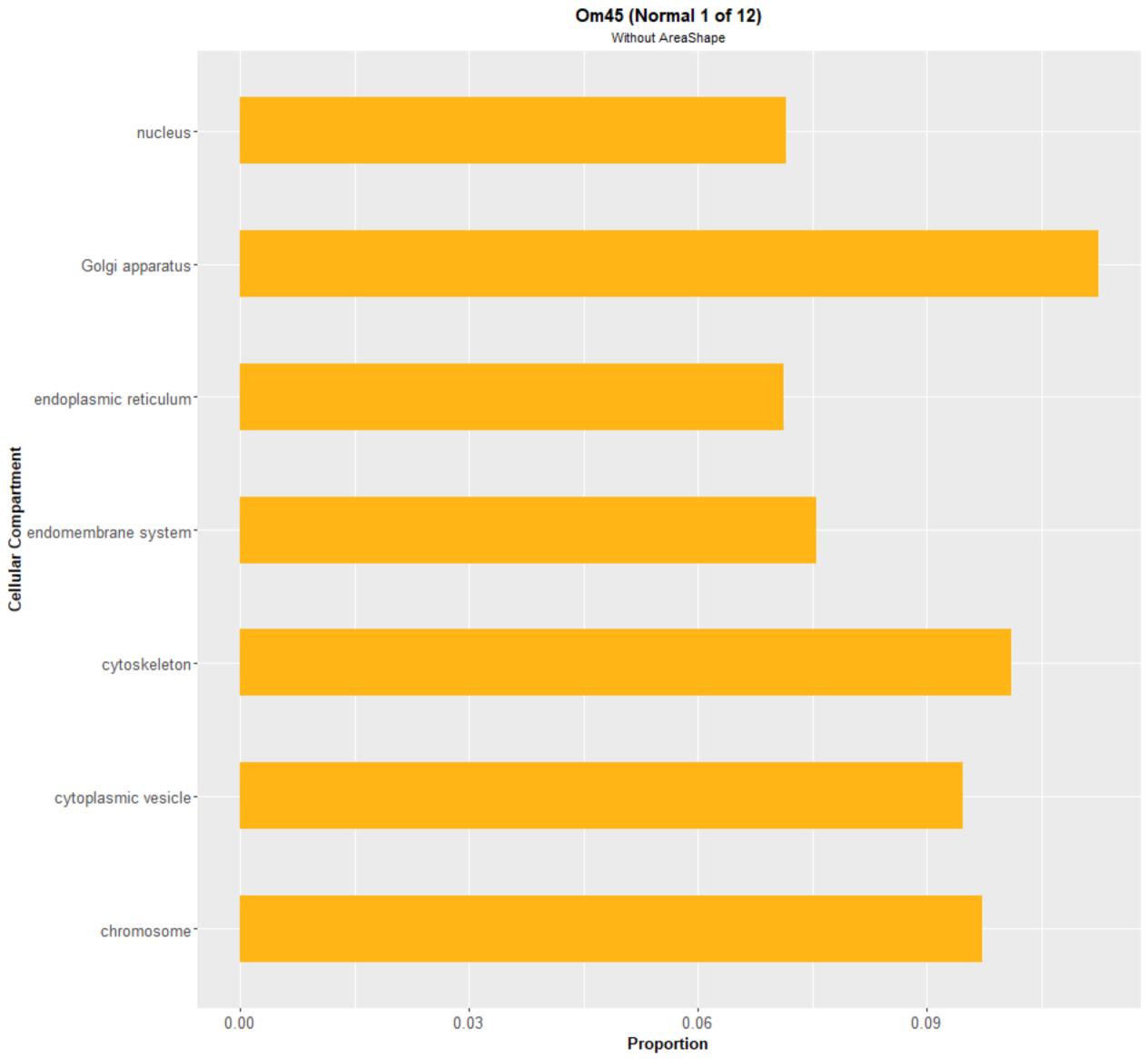


Om45 (Normal 10 of 11)

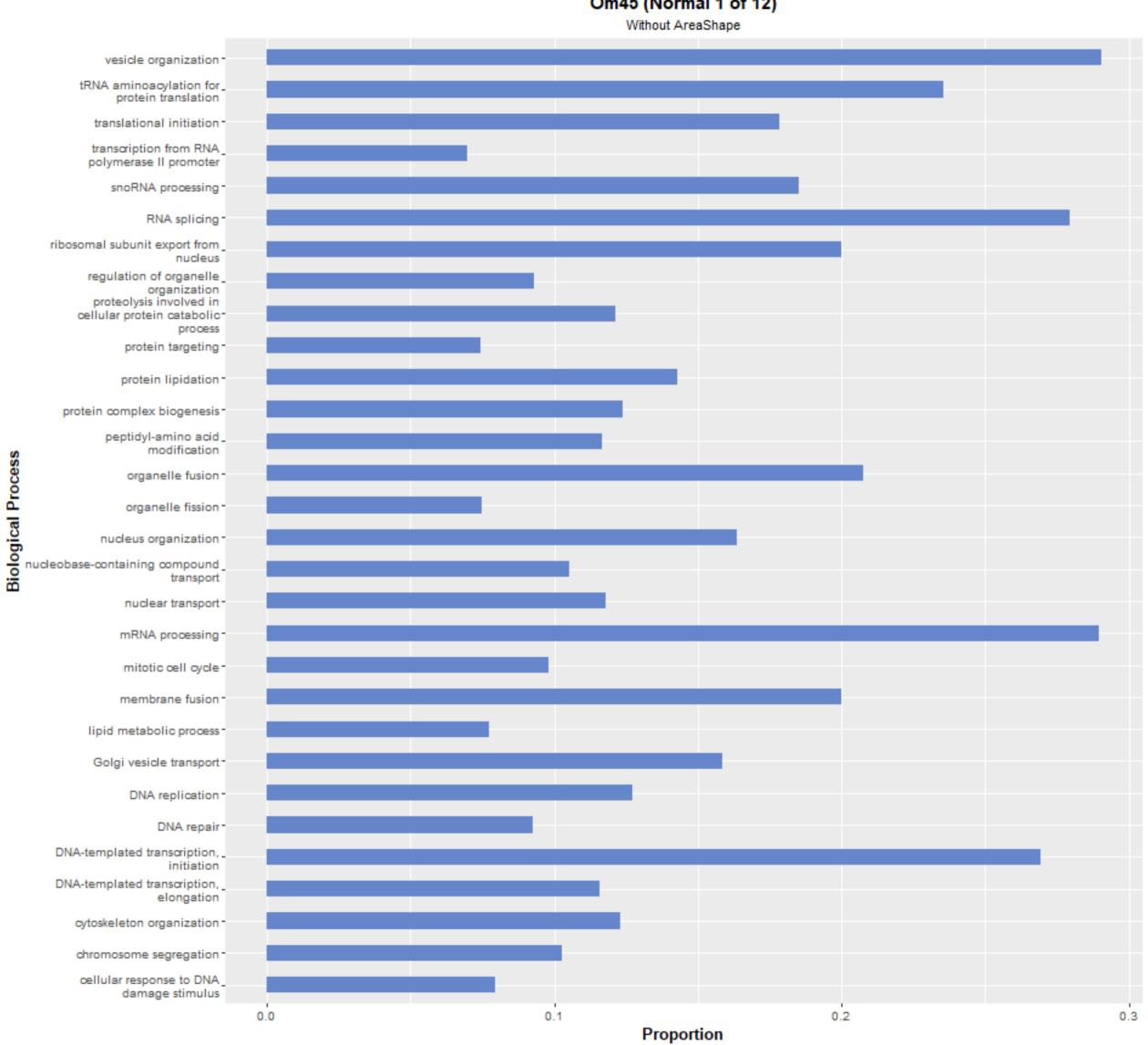


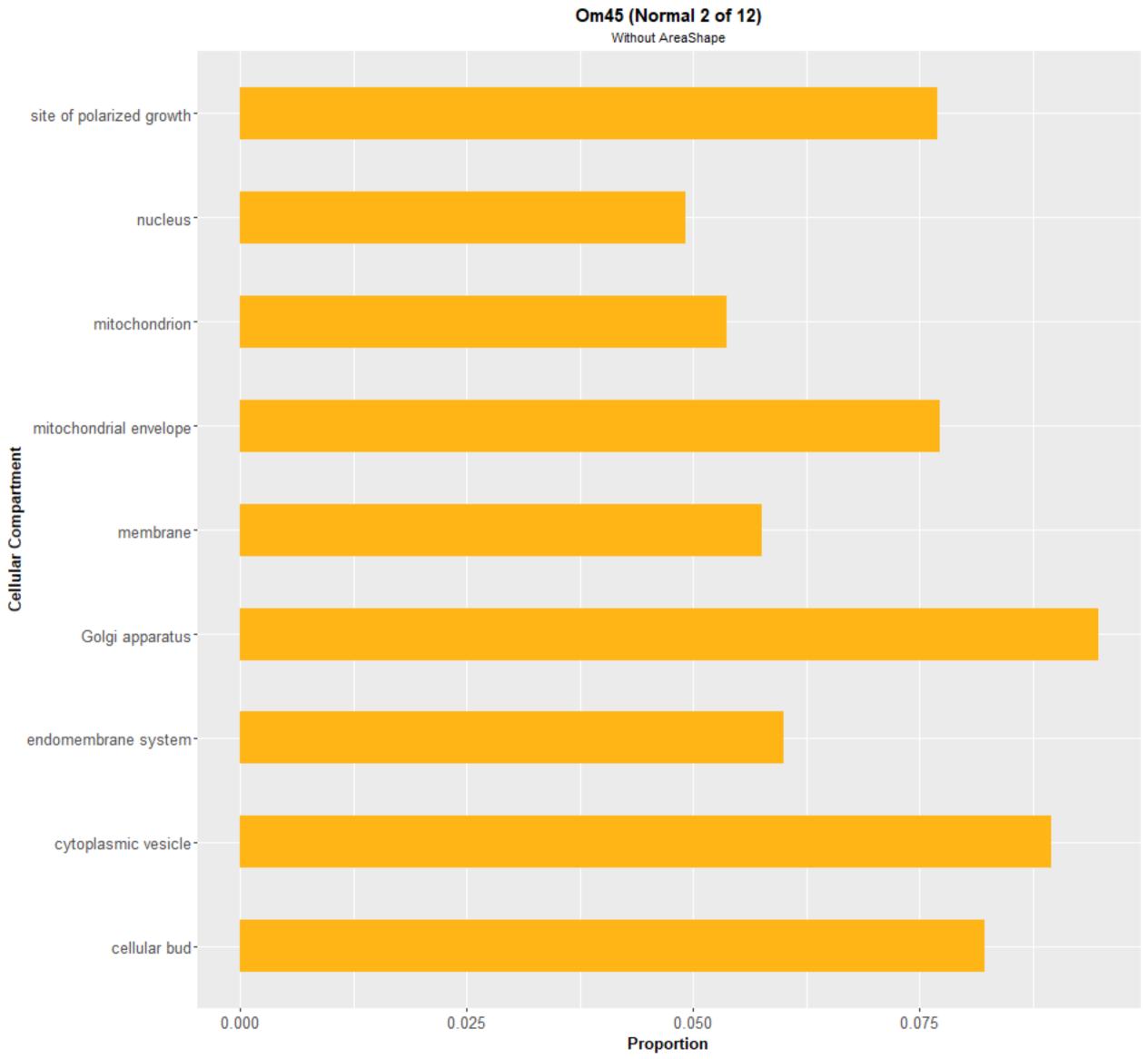


Om45 (Normal 0 of 12) Without AreaShape RNA splicing regulation of translation regulation of organelle_ organization proteolysis involved in cellular protein catabolicprocess protein complex biogenesis organelle assembly **Biological Process** mRNA processing mitotic cell cyclemitochondrion organization mitochondrial translation cytoskeleton organization cytokinesis chromatin organization cell budding -0.00 0.05 0.10 0.15 0.20 Proportion

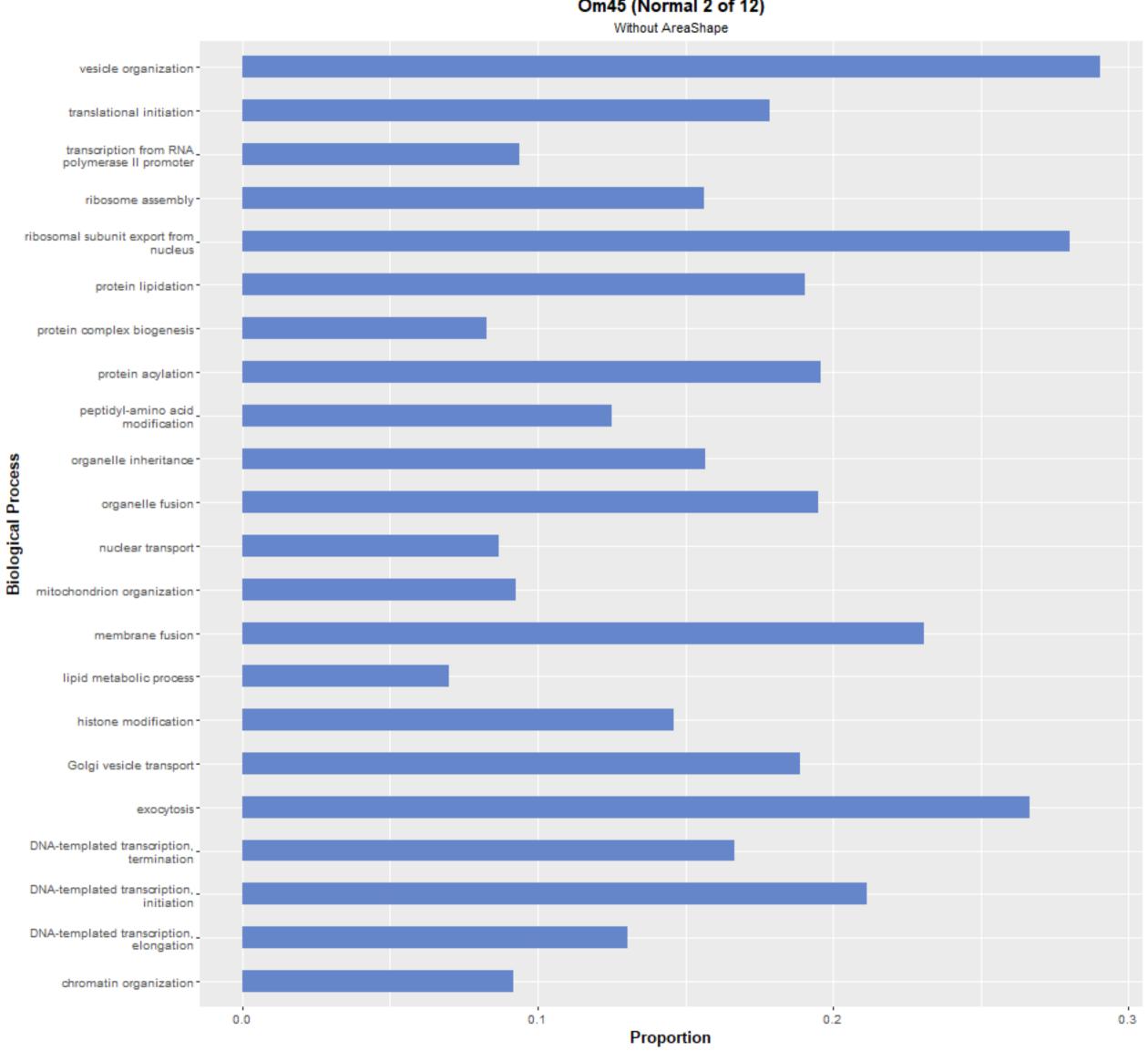


Om45 (Normal 1 of 12)



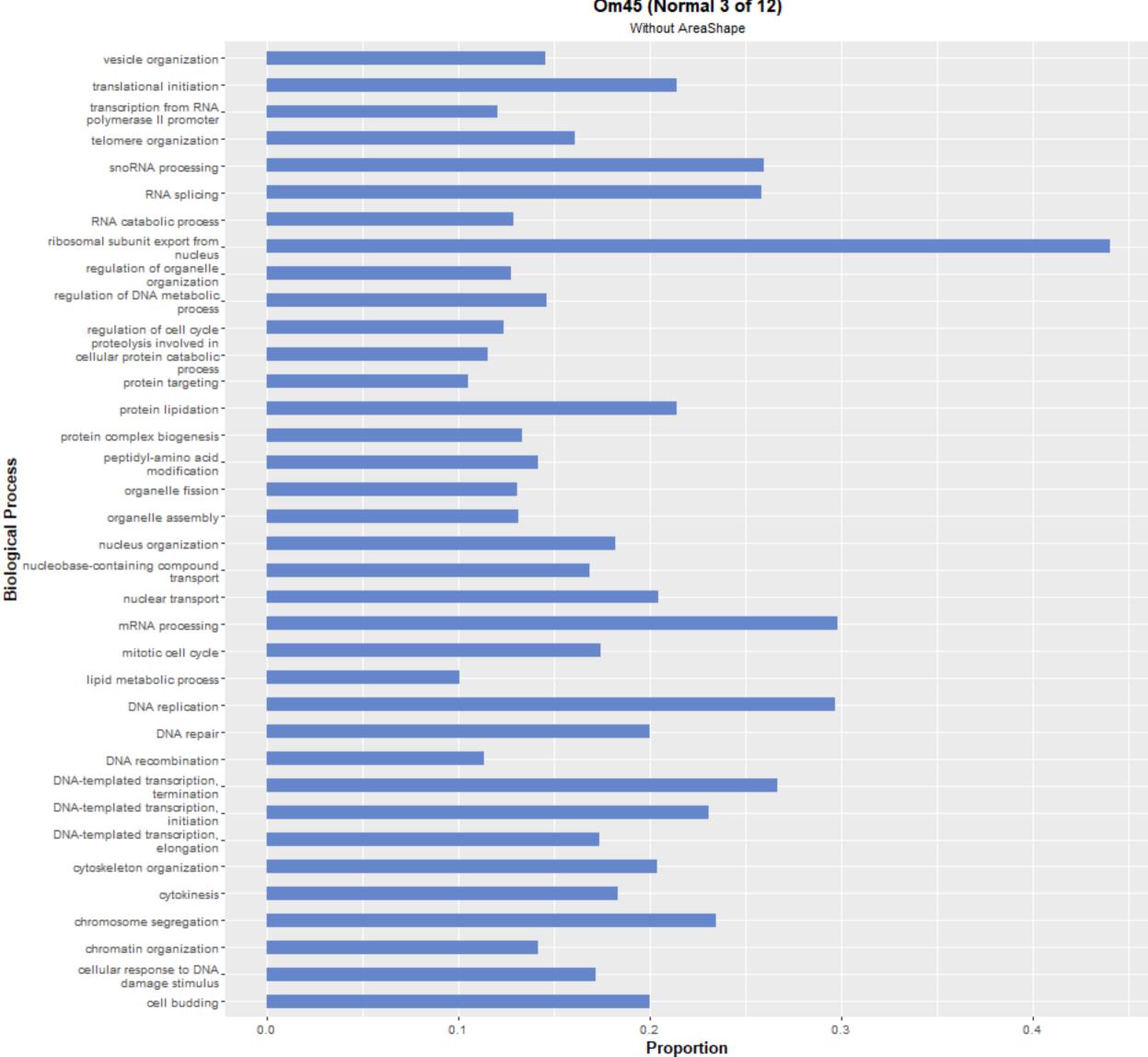


Om45 (Normal 2 of 12)

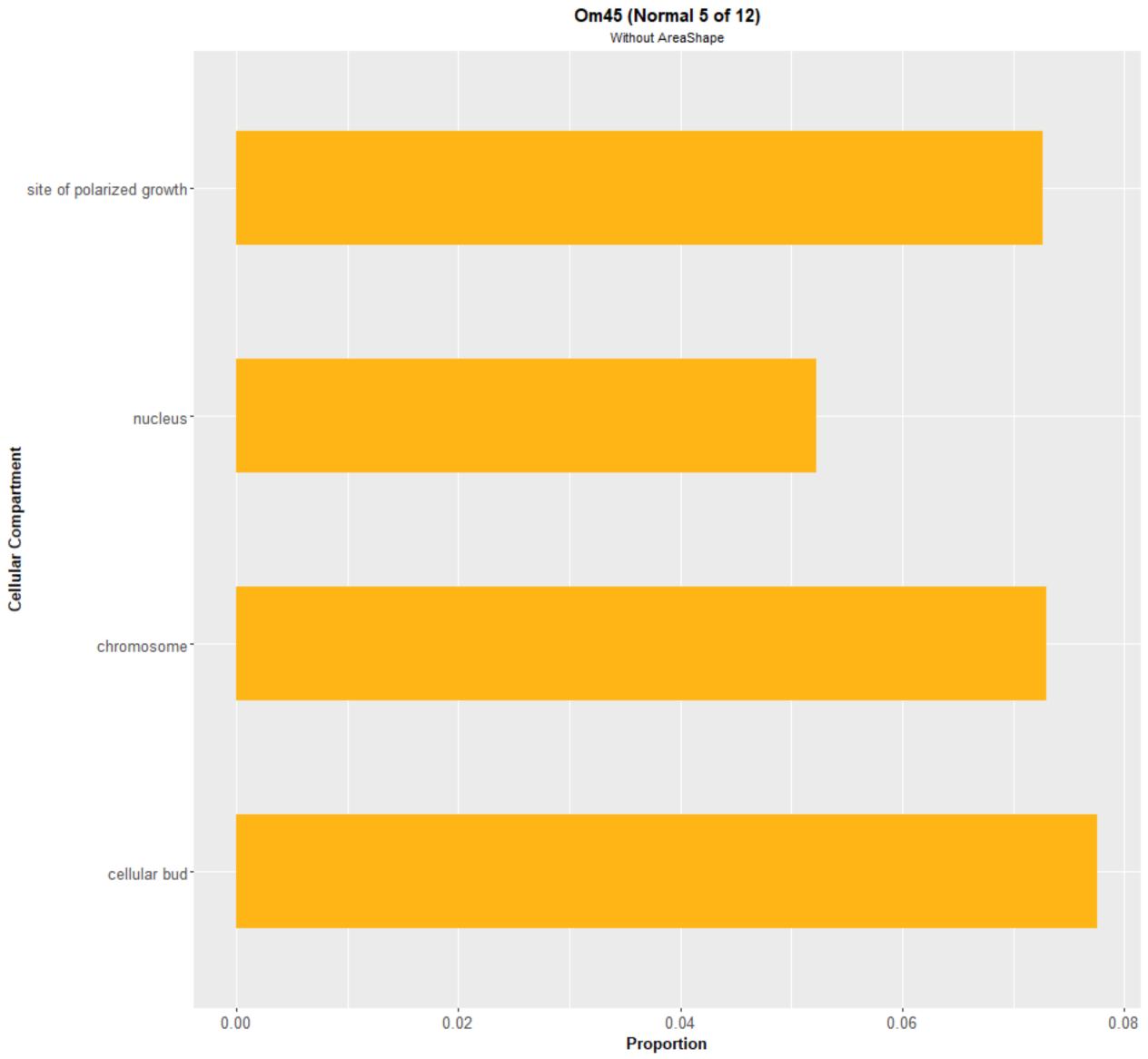


Om45 (Normal 3 of 12) Without AreaShape nucleusmicrotubule organizing center-Cellular Compartment endomembrane system cytoskeletonchromosome-0.05 0.10 0.20 0.00 0.15 Proportion

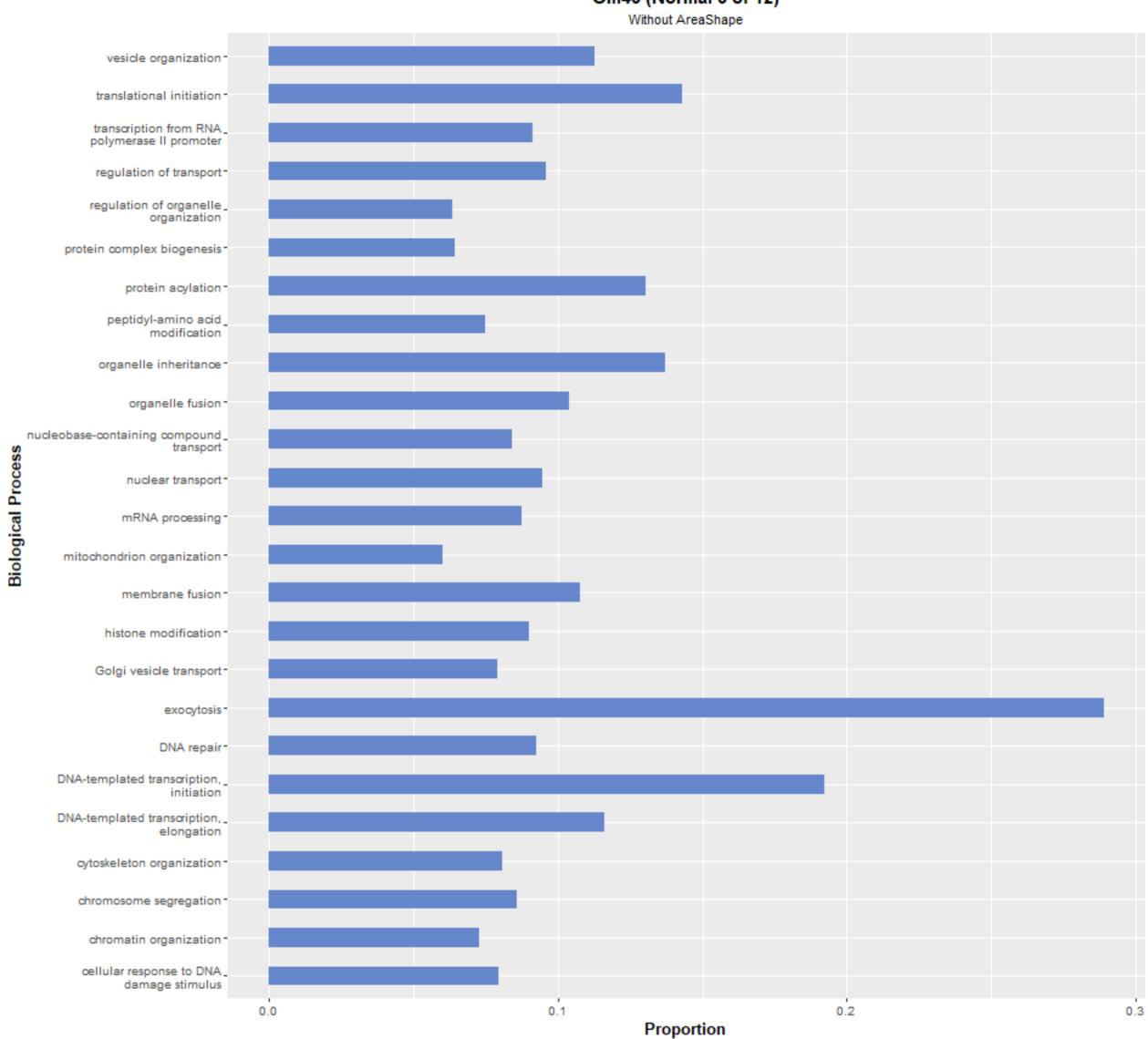
Om45 (Normal 3 of 12)

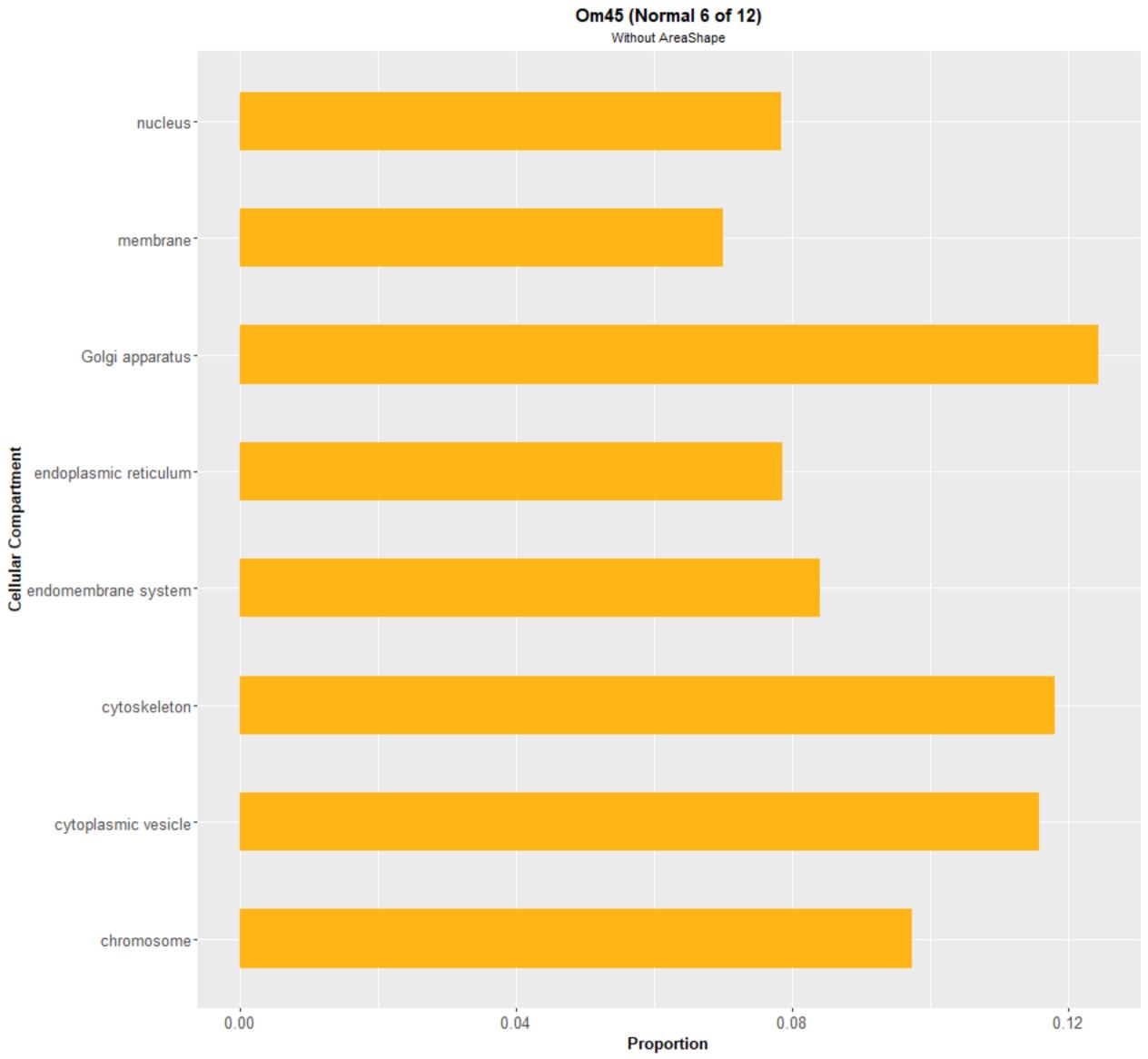


Om45 (Normal 4 of 12) Without AreaShape protein complex biogenesis Biological Process DNA-templated transcription, _ initiation 0.04 0.08 0.00 0.02 0.06 Proportion

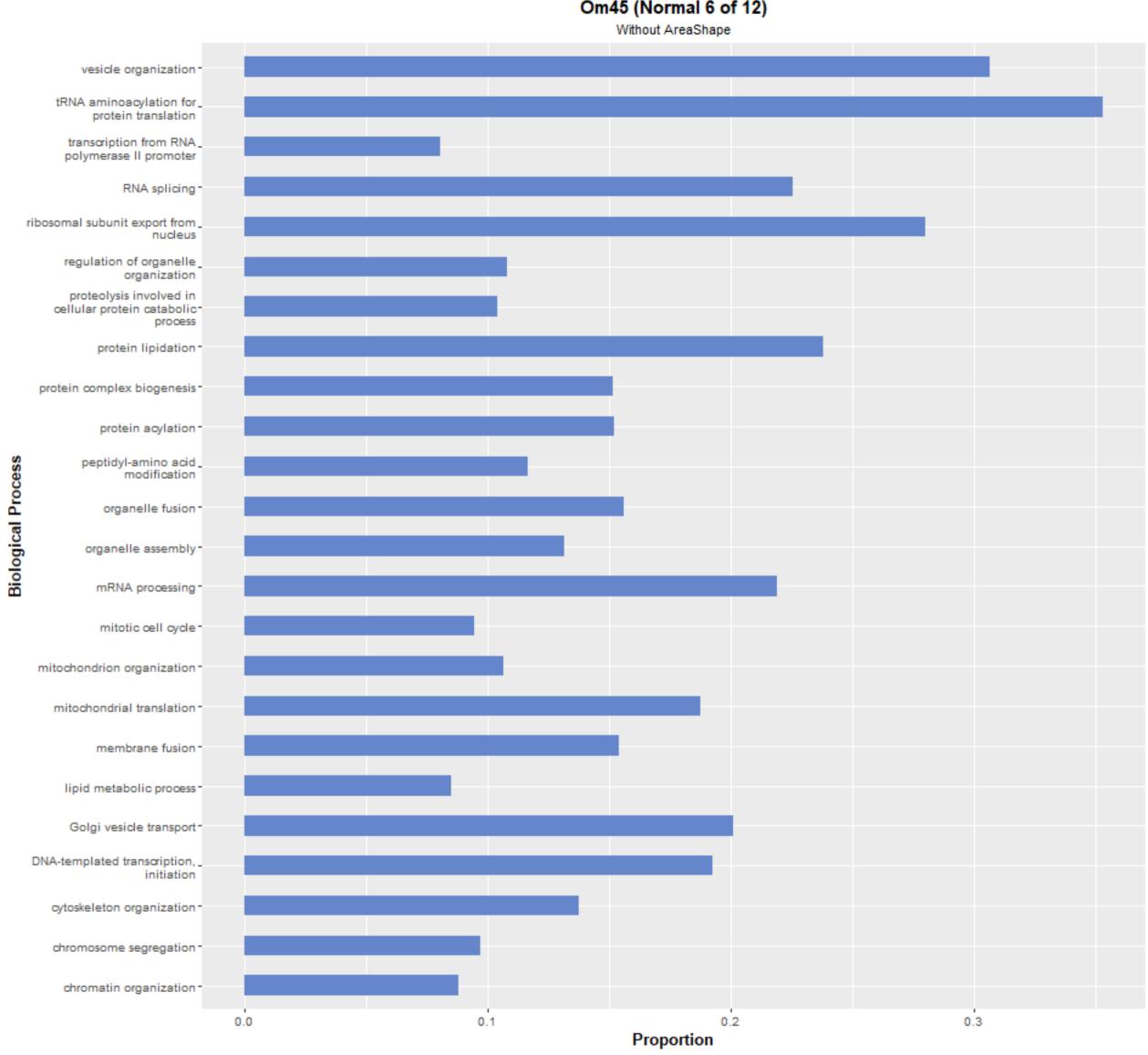


Om45 (Normal 5 of 12)



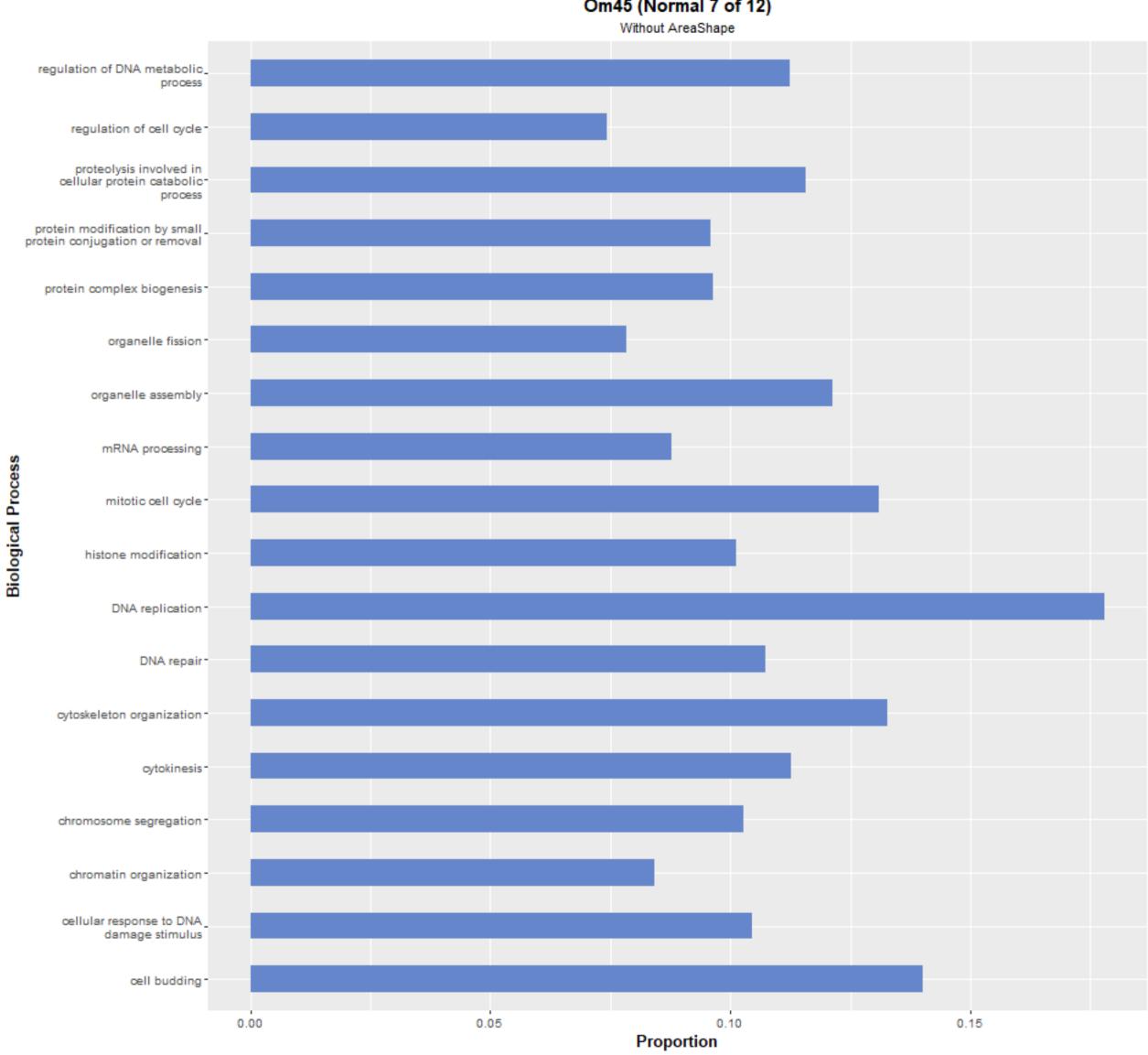


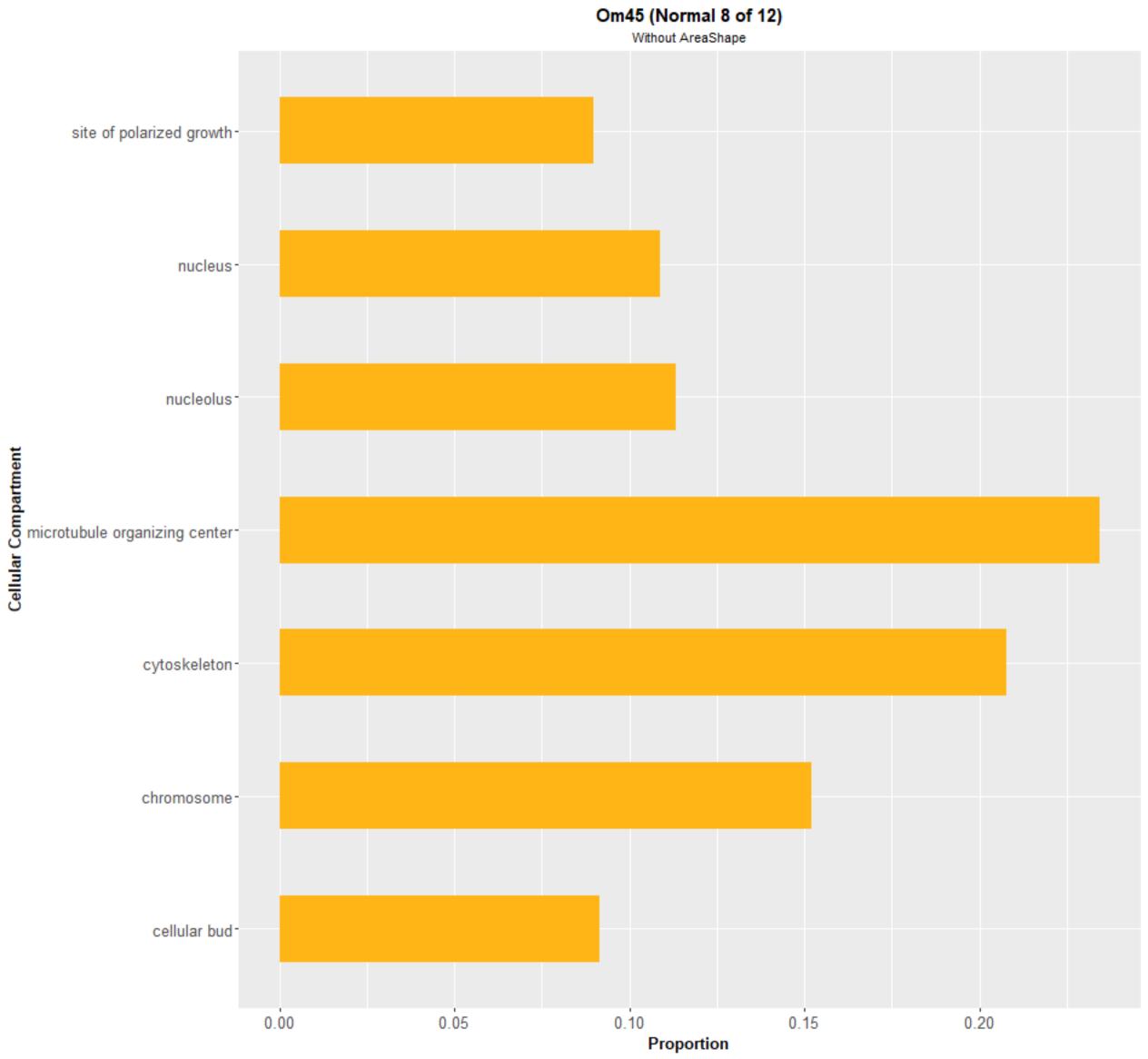
Om45 (Normal 6 of 12)



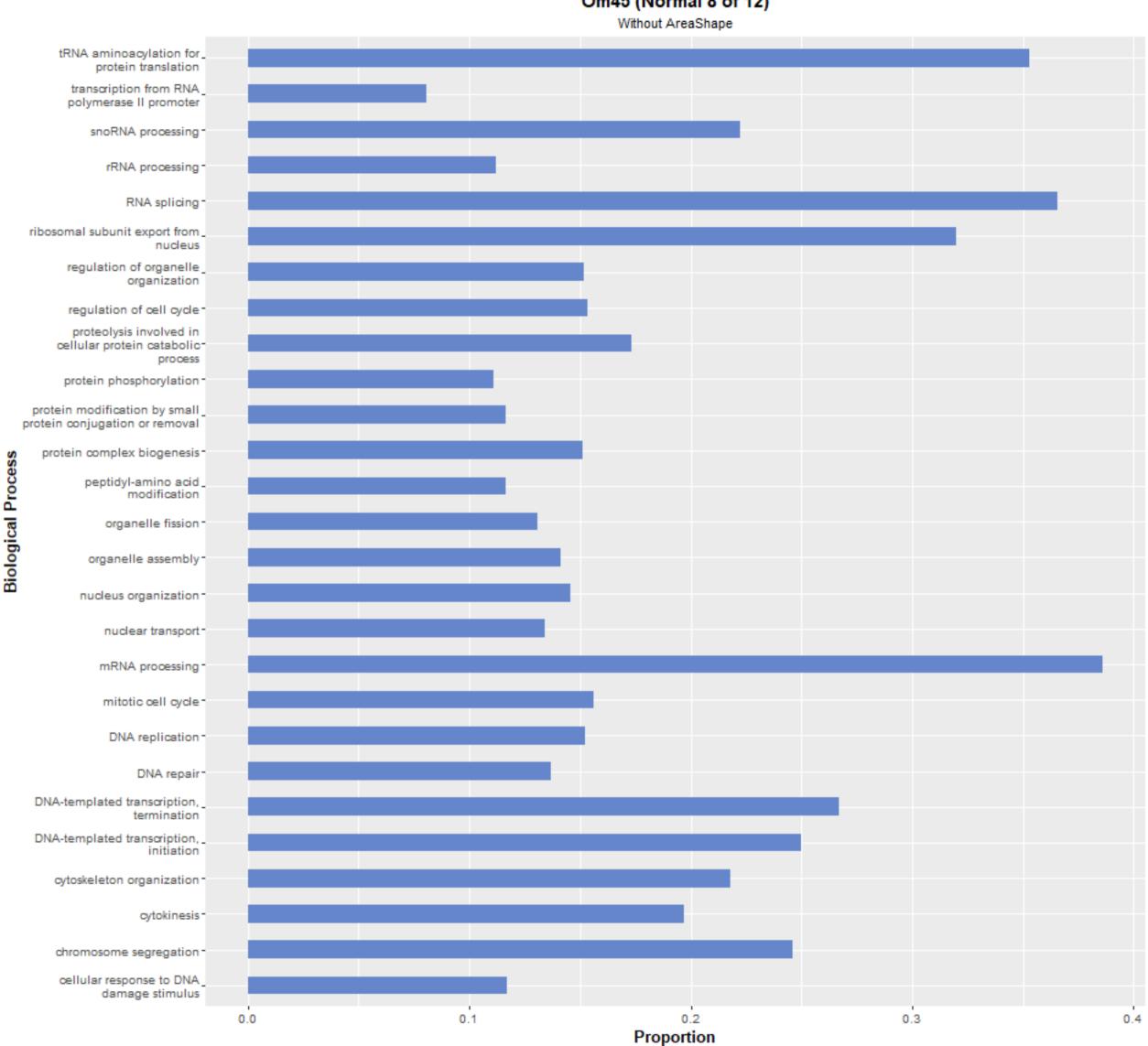
Om45 (Normal 7 of 12) Without AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.05 0.15 0.00 0.10 Proportion

Om45 (Normal 7 of 12)



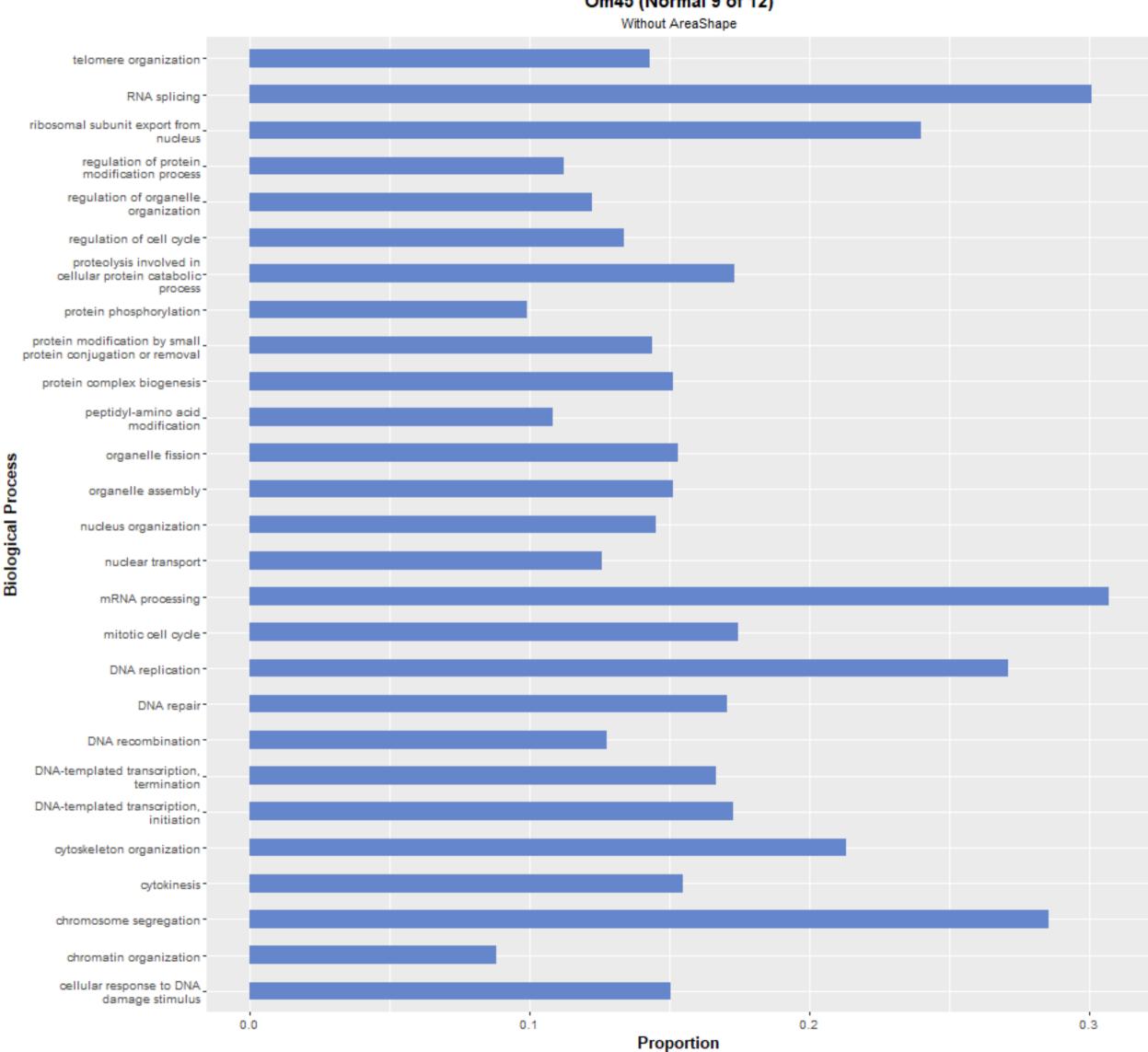


Om45 (Normal 8 of 12)



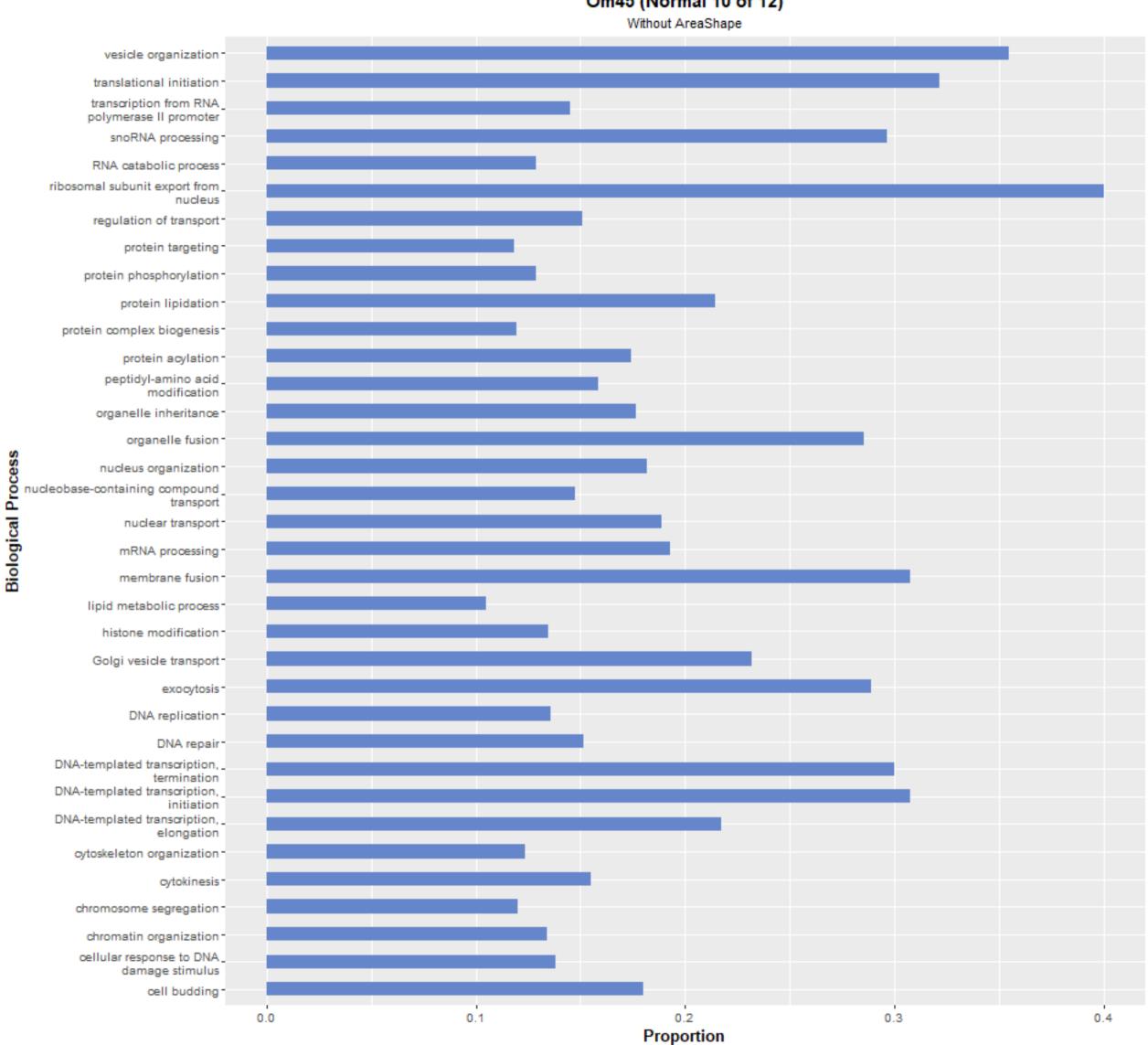
Om45 (Normal 9 of 12) Without AreaShape nucleusnucleolus -Cellular Compartment organizing center microtubule organizing center cytoskeletonchromosome-0.1 0.2 0.0 Proportion

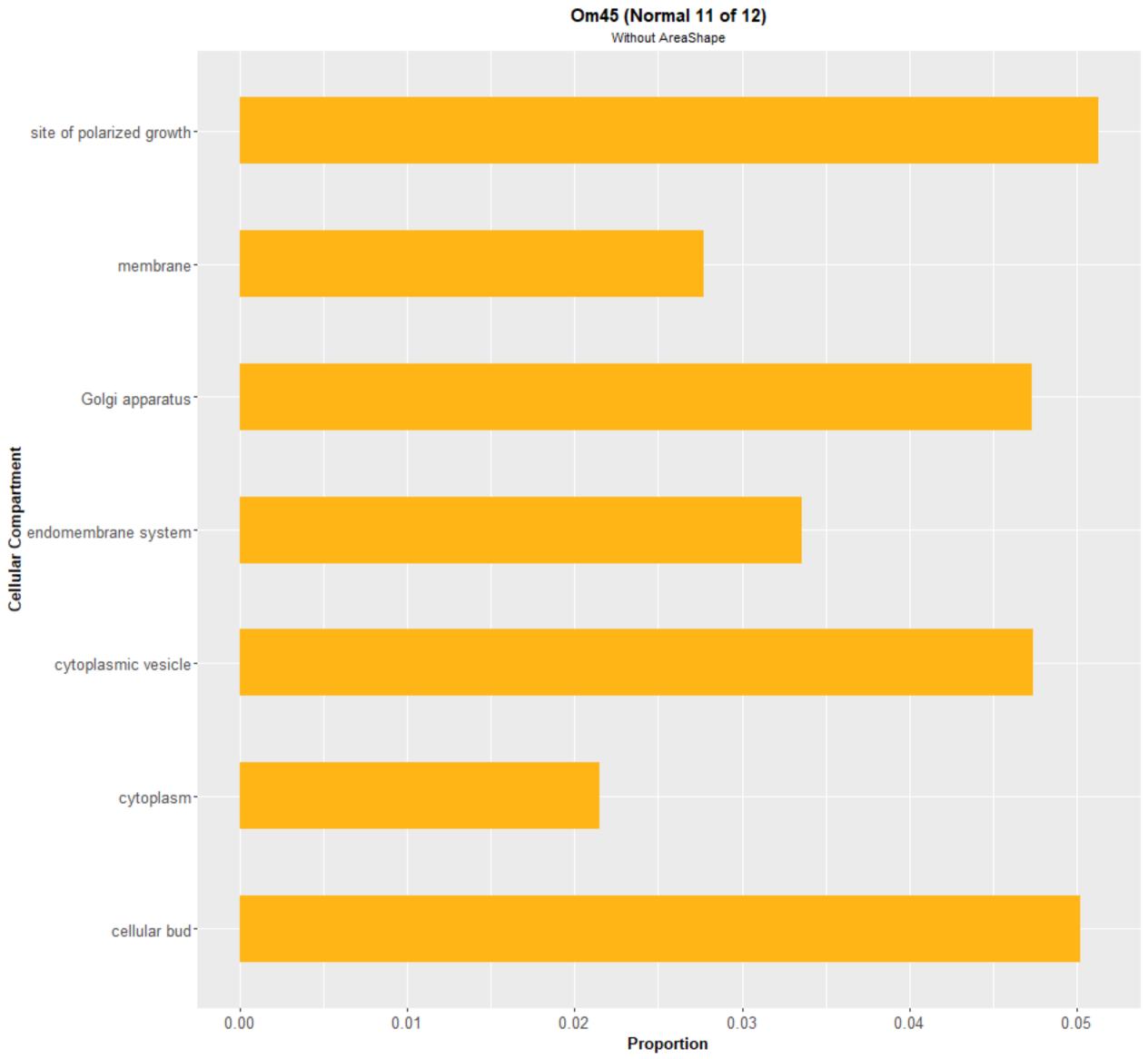
Om45 (Normal 9 of 12)



Om45 (Normal 10 of 12) Without AreaShape site of polarized growth nucleusmembrane-Golgi apparatus -Cellular Compartment endoplasmic reticulum endomembrane system cytoplasmic vesiclechromosomecellular bud-0.05 0.10 0.00 Proportion

Om45 (Normal 10 of 12)





Om45 (Normal 11 of 12)

