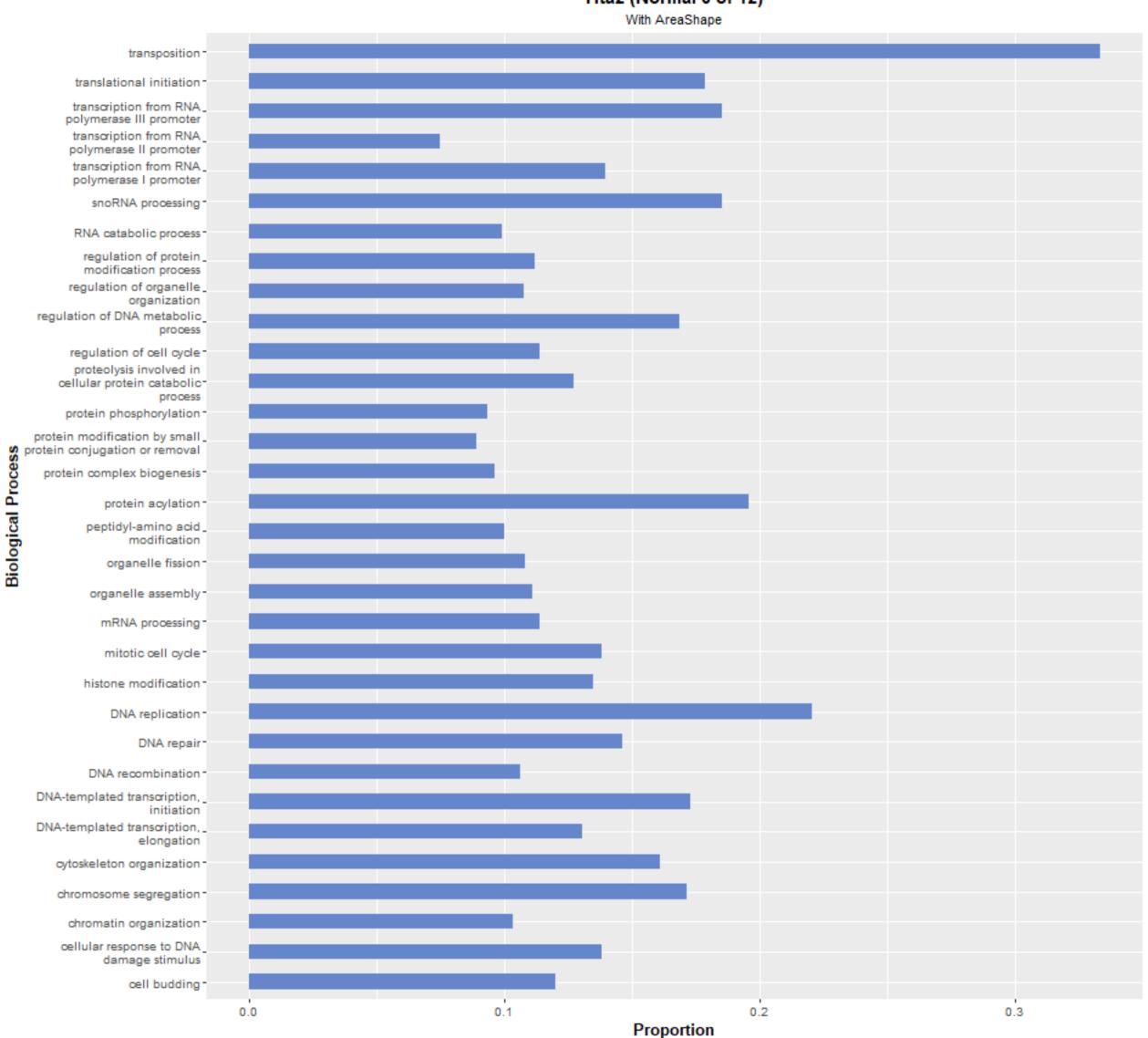
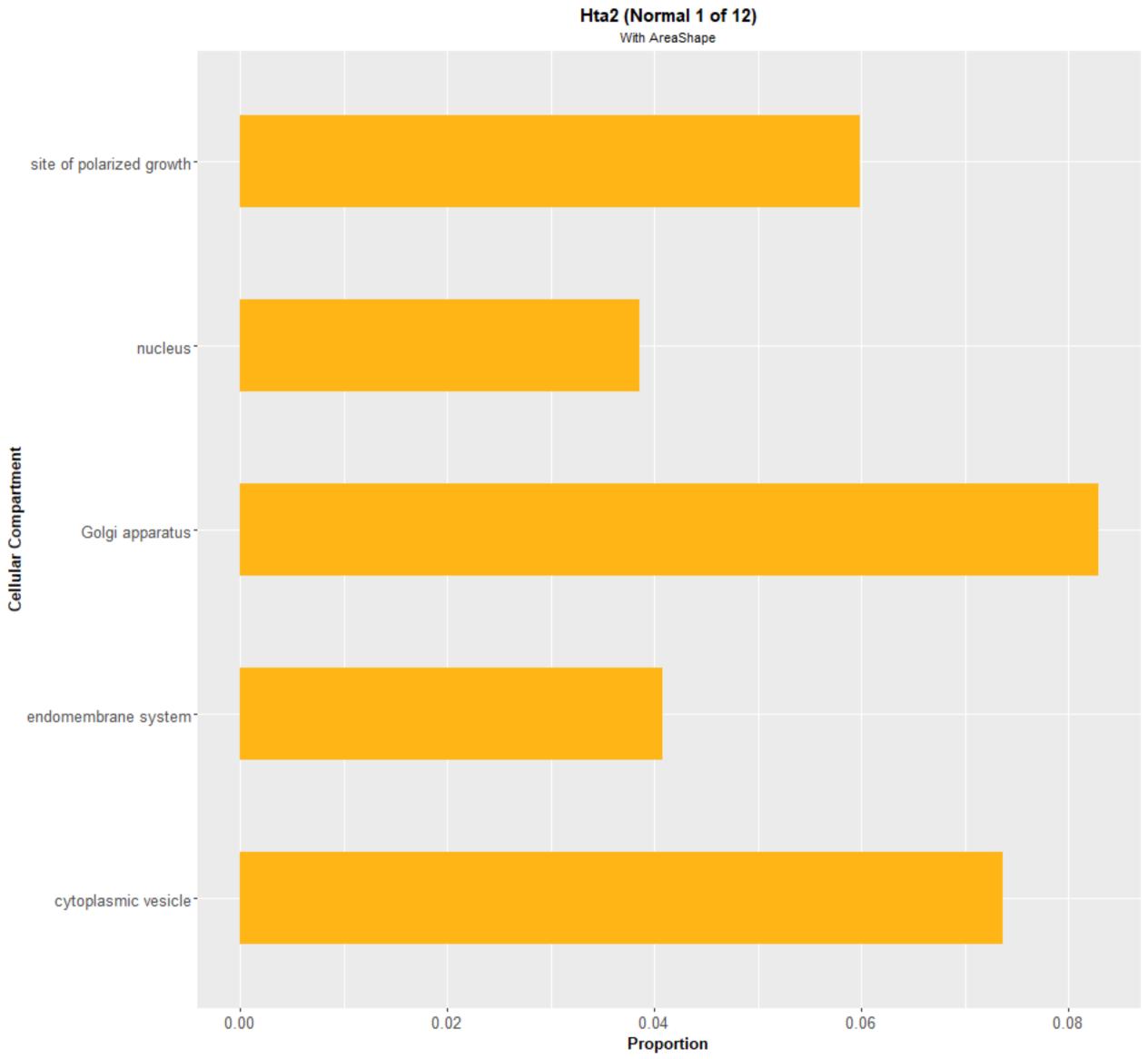
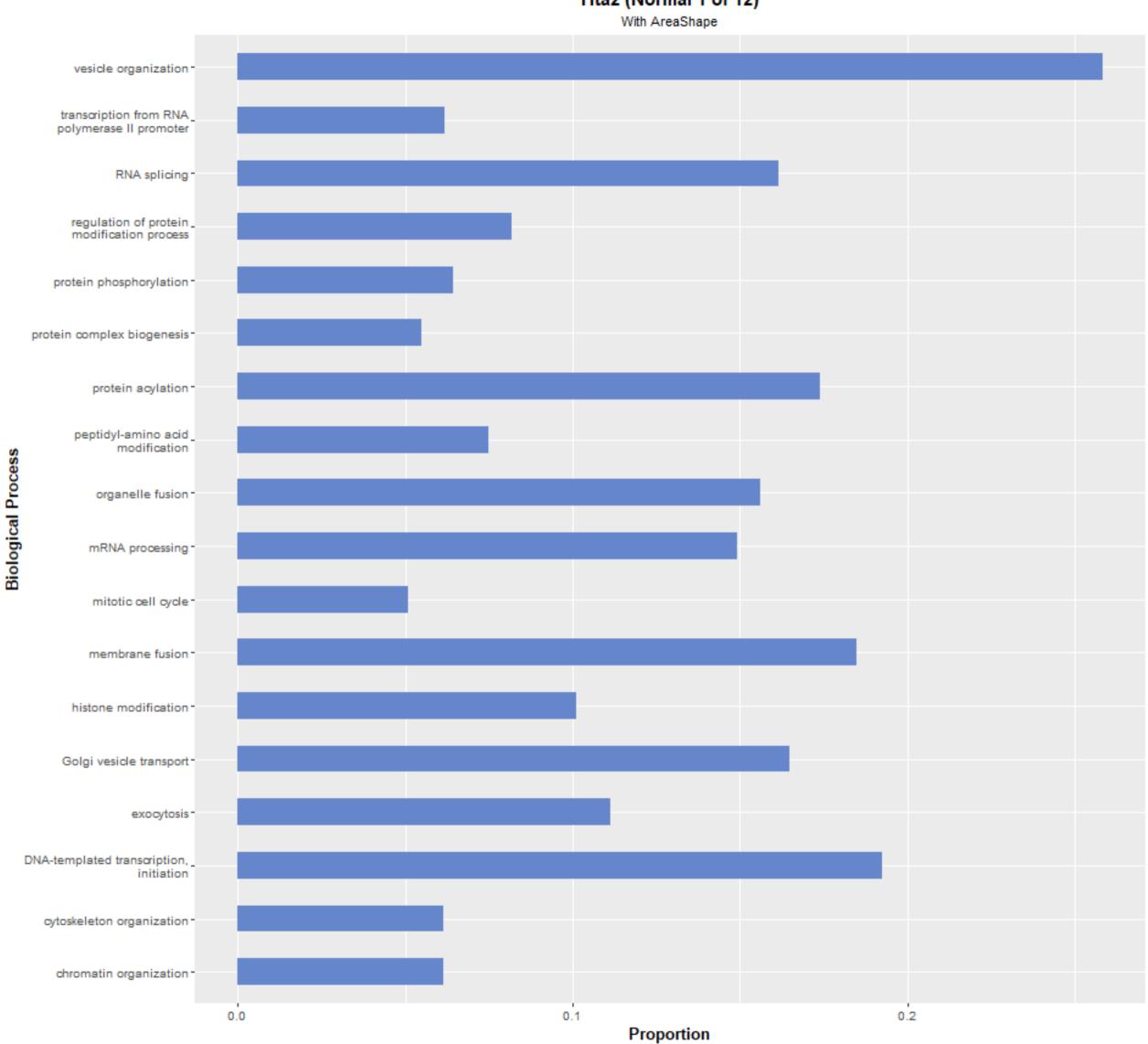
Hta2 (Normal 0 of 12) With AreaShape nucleusnucleolus -Cellular Compartment organizing center microtubule organizing center cytoskeletonchromosome-0.15 0.05 0.10 0.00 Proportion

Hta2 (Normal 0 of 12)





Hta2 (Normal 1 of 12) With AreaShape

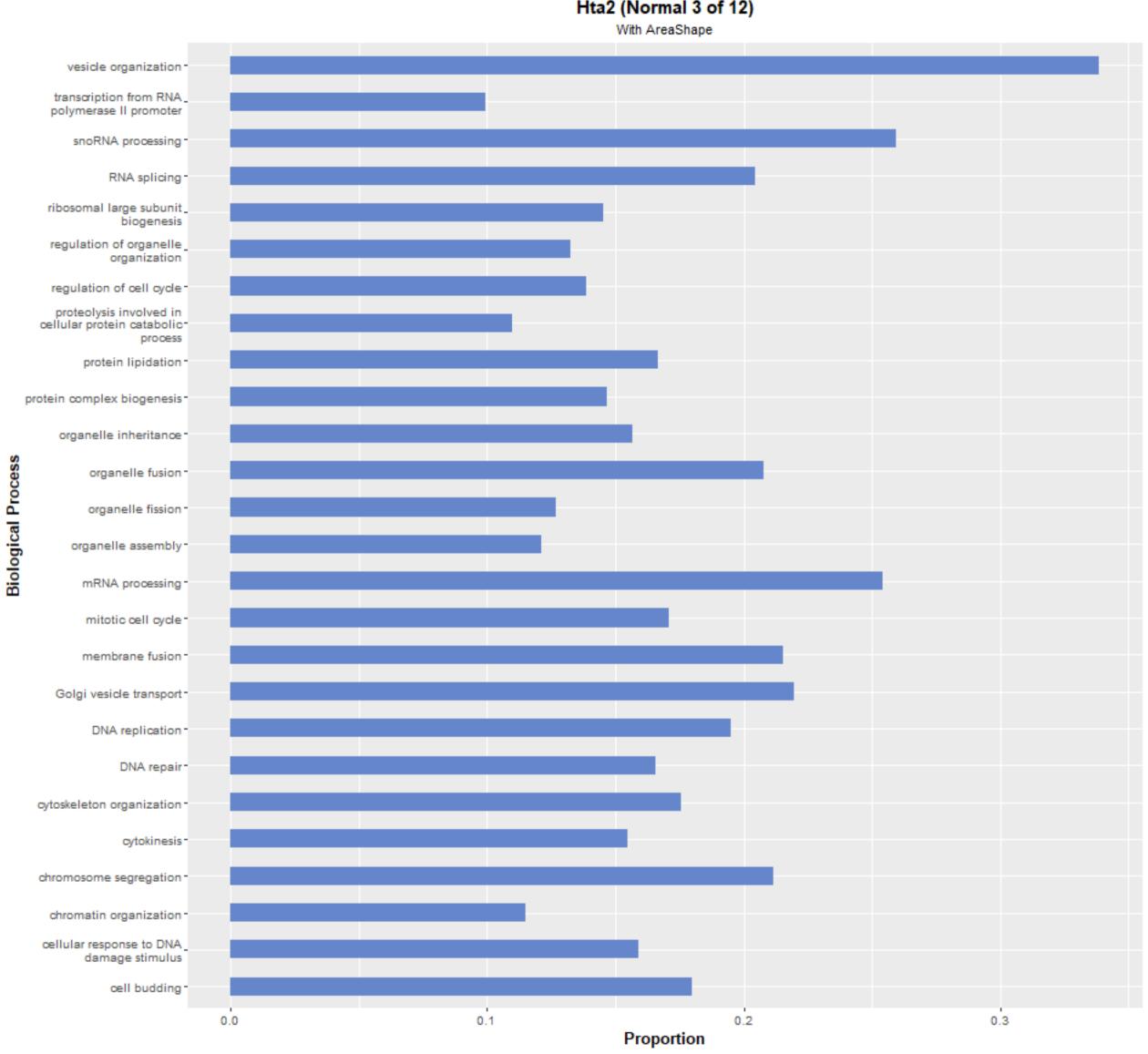


Hta2 (Normal 2 of 12) With AreaShape Cellular Compartment 0.04 0.00 0.01 0.02 0.03 Proportion

Hta2 (Normal 2 of 12) With AreaShape regulation of transportproteolysis involved in cellular protein catabolic process Biological Process protein lipidation peptidyl-amino acid _ modification mitotic cell cycle -0.050 0.025 0.075 0.000 Proportion

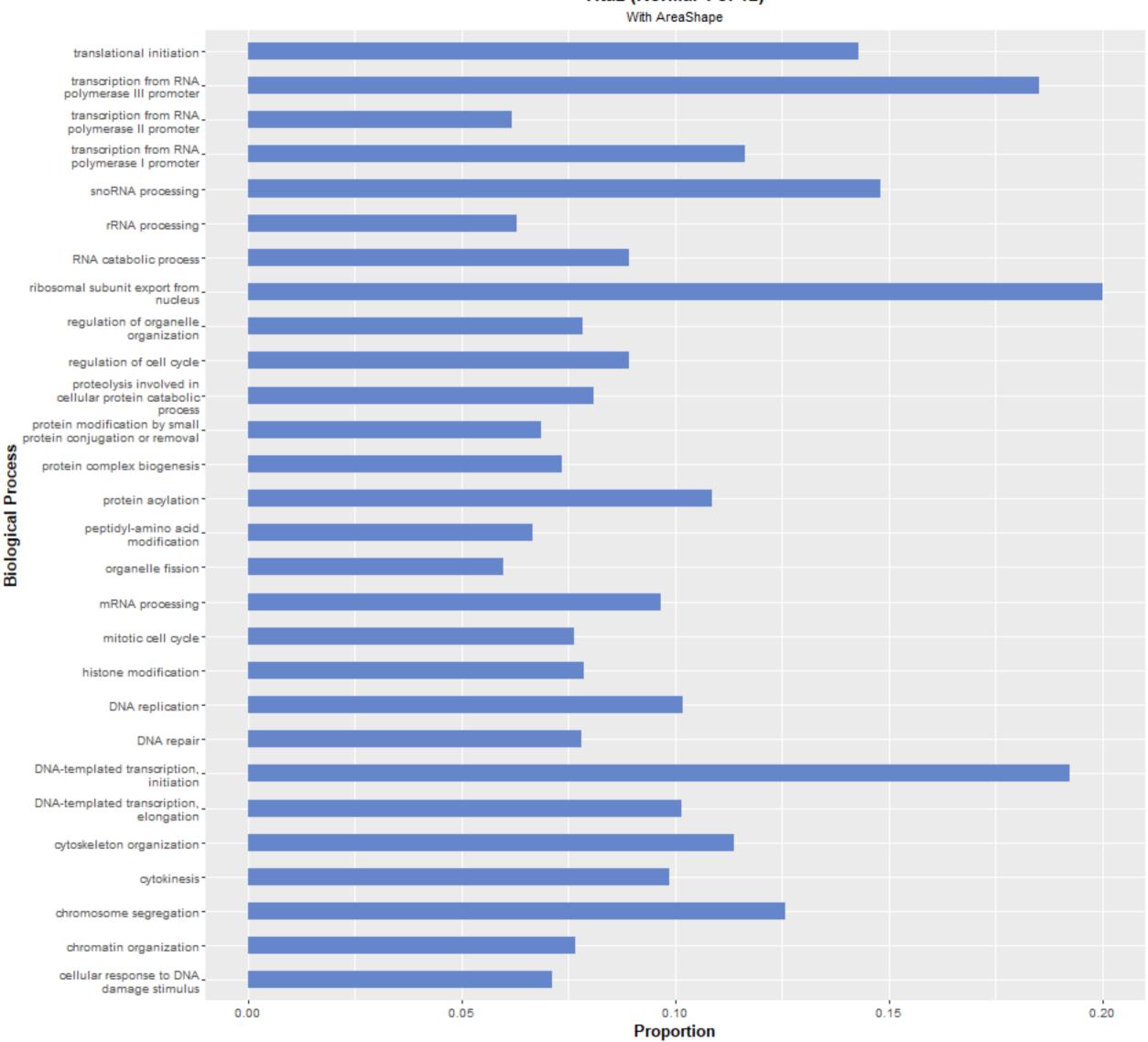
Hta2 (Normal 3 of 12) With AreaShape site of polarized growthnucleusmicrotubule organizing center-Cellular Compartment Golgi apparatus cytoskeletoncytoplasmic vesiclechromosome cell cortex-0.15 0.20 0.05 0.10 0.00 Proportion

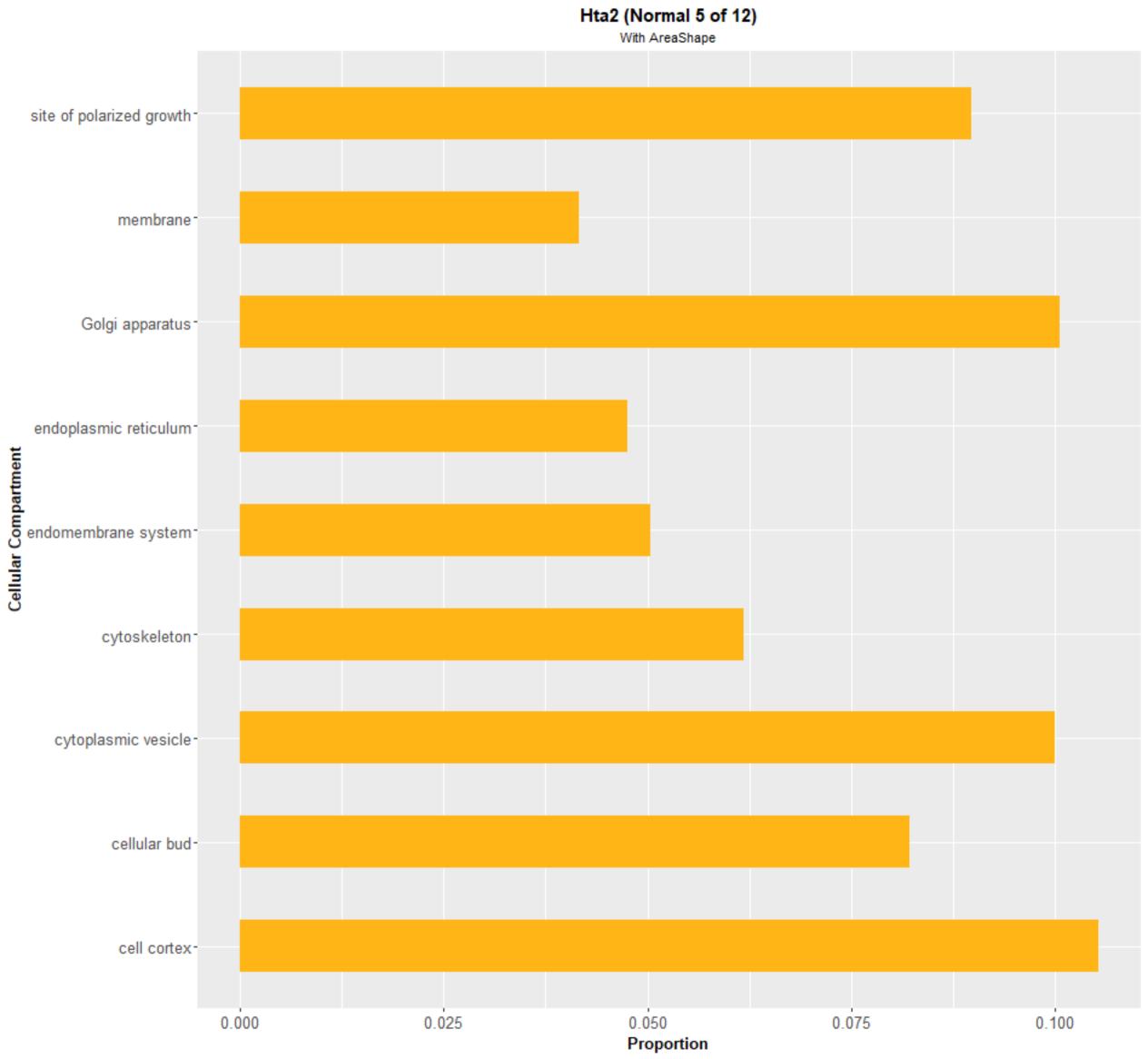
Hta2 (Normal 3 of 12)



Hta2 (Normal 4 of 12) With AreaShape nucleusnucleolus -Cellular Compartment organizing center microtubule organizing center cytoskeletonchromosome-0.05 0.10 0.15 0.20 0.00 Proportion

Hta2 (Normal 4 of 12)





Hta2 (Normal 5 of 12) With AreaShape vesicle organization vacuole organization transcription from RNA polymerase II promoter snoRNA processing RNA splicing regulation of transport regulation of organelle_ organization protein lipidation protein complex biogenesis **Biological Process** protein acylation peptidyl-amino acid modification organelle inheritance organelle fusion mRNA processing membrane fusion lipid metabolic process Golgi vesicle transport

0.1

0.2

Proportion

0.3

exocytosis -

initiation

0.0

DNA-templated transcription,

cytoskeleton organization

Hta2 (Normal 6 of 12) With AreaShape Cellular Compartment 0.0025 0.0050 0.0075 0.0000 0.0100 Proportion

Hta2 (Normal 6 of 12) With AreaShape transcription from RNA polymerase II promoter protein acylation peptidyl-amino acid_ modification histone modification **Biological Process** DNA replication -DNA repair DNA-templated transcription, _ termination DNA-templated transcription, elongation chromatin organization cellular response to DNA_ damage stimulus 0.00 0.02 0.04 0.06 Proportion

Hta2 (Normal 7 of 12) With AreaShape site of polarized growthnucleusmicrotubule organizing centermembrane -Golgi apparatus -Cellular Compartment endoplasmic reticulumendomembrane systemcytoskeletoncytoplasmic vesicle chromosomecellular budcell cortex-0.05 0.10 0.00 Proportion

Hta2 (Normal 7 of 12) With AreaShape vesicle organization transcription from RNA polymerase II promoter RNA splicing regulation of organelle organization protein lipidation protein complex biogenesis protein acylation peptidyl-amino acid modification organelle inheritance Biological Process organelle fusion nucleus organization mRNA processing mitotic cell cycle membrane fusion histone modification -Golgi vesicle transport exocytosis -DNA-templated transcription, initiation

0.1

0.2

Proportion

0.3

cytoskeleton organization

chromosome segregation

cytokinesis -

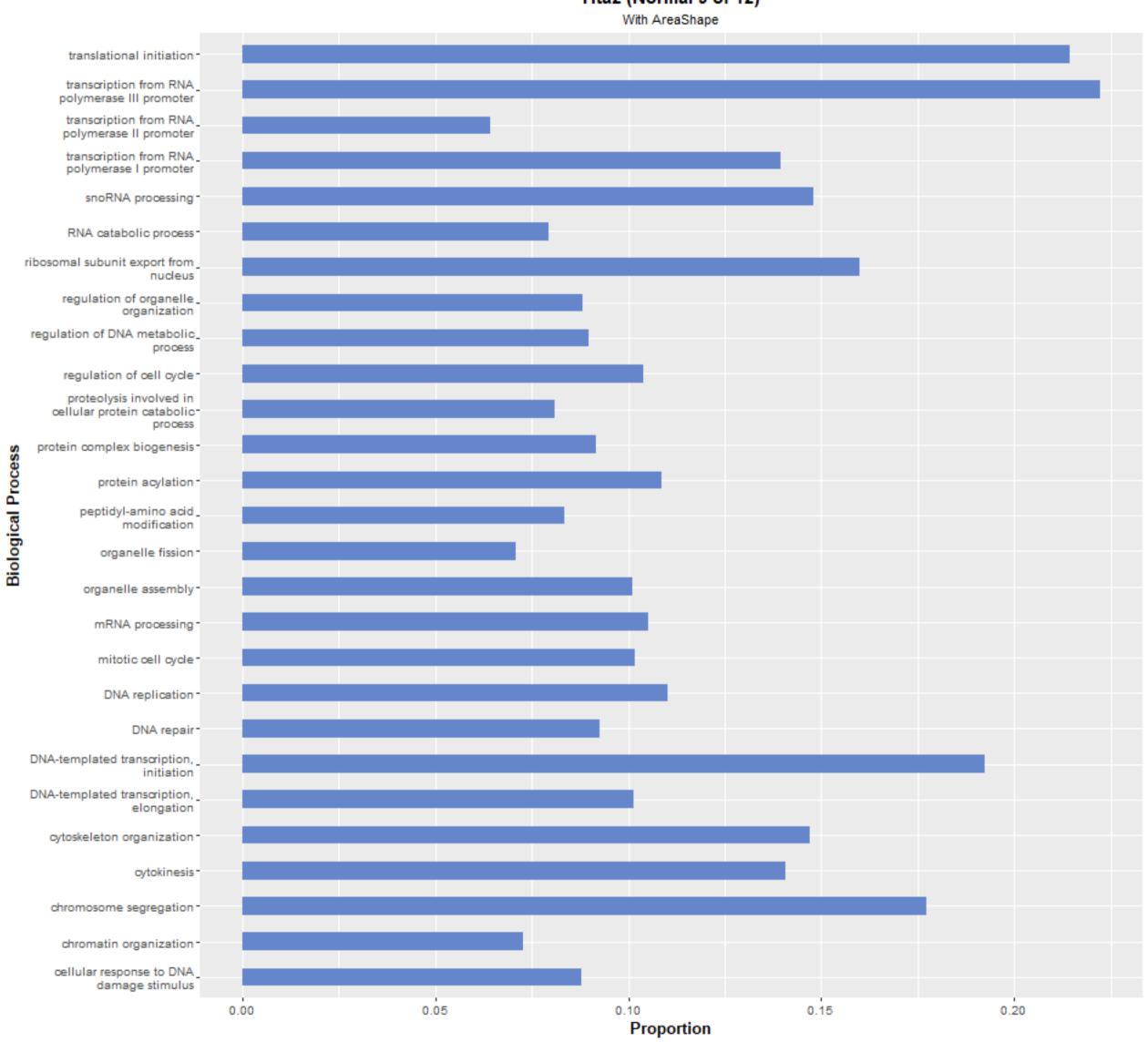
0.0

Hta2 (Normal 8 of 12) With AreaShape site of polarized growth-Cellular Compartment chromosome-0.02 0.04 0.00 0.06 Proportion

Hta2 (Normal 8 of 12) With AreaShape regulation of protein_ modification process regulation of cell cycle protein acylation organelle fission mitotic cell cycle -Biological Process DNA replication -DNA repair DNA recombination cytoplasmic translation chromatin organization cellular response to DNA damage stimulus 0.06 0.00 0.03 0.09 Proportion

Hta2 (Normal 9 of 12) With AreaShape nucleusnucleolus -Cellular Compartment organizing center microtubule organizing center cytoskeletonchromosome-0.05 0.15 0.10 0.00 Proportion

Hta2 (Normal 9 of 12)



Hta2 (Normal 10 of 12) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.15 0.20 0.05 0.10 0.00 Proportion

Hta2 (Normal 10 of 12) With AreaShape 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 Biological Process organelle fission mitotic cell cycle -DNA replication -DNA repair DNA recombination cytoskeleton organization chromosome segregation chromatin organization cellular response to DNA_ damage stimulus 0.05 0.10 0.15 0.20 0.00 Proportion

Hta2 (Normal 11 of 12) With AreaShape nucleusmicrotubule organizing center-Cellular Compartment cytoskeletonchromosome-0.05 0.15 0.10 0.00 Proportion

Hta2 (Normal 11 of 12)

