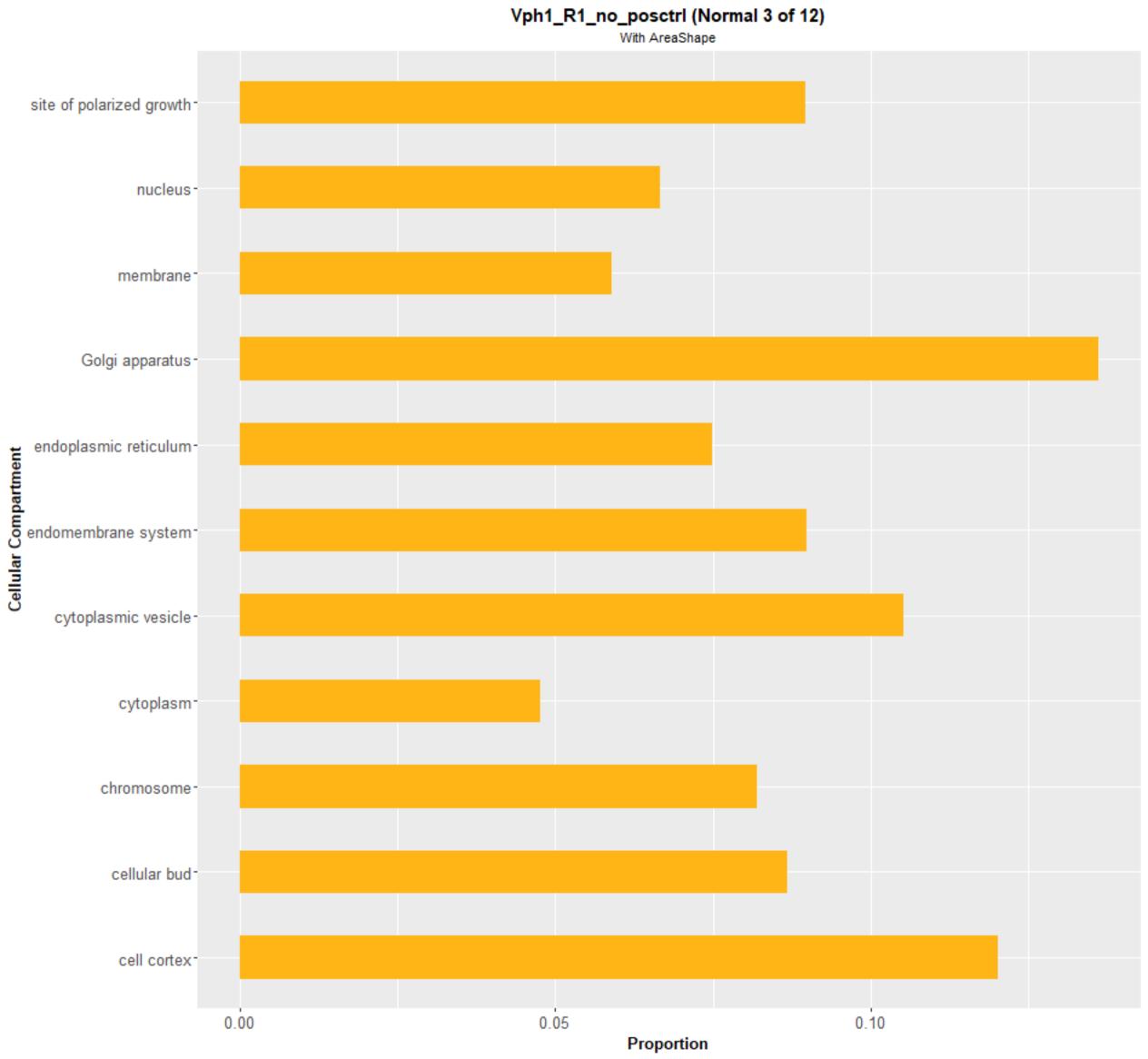
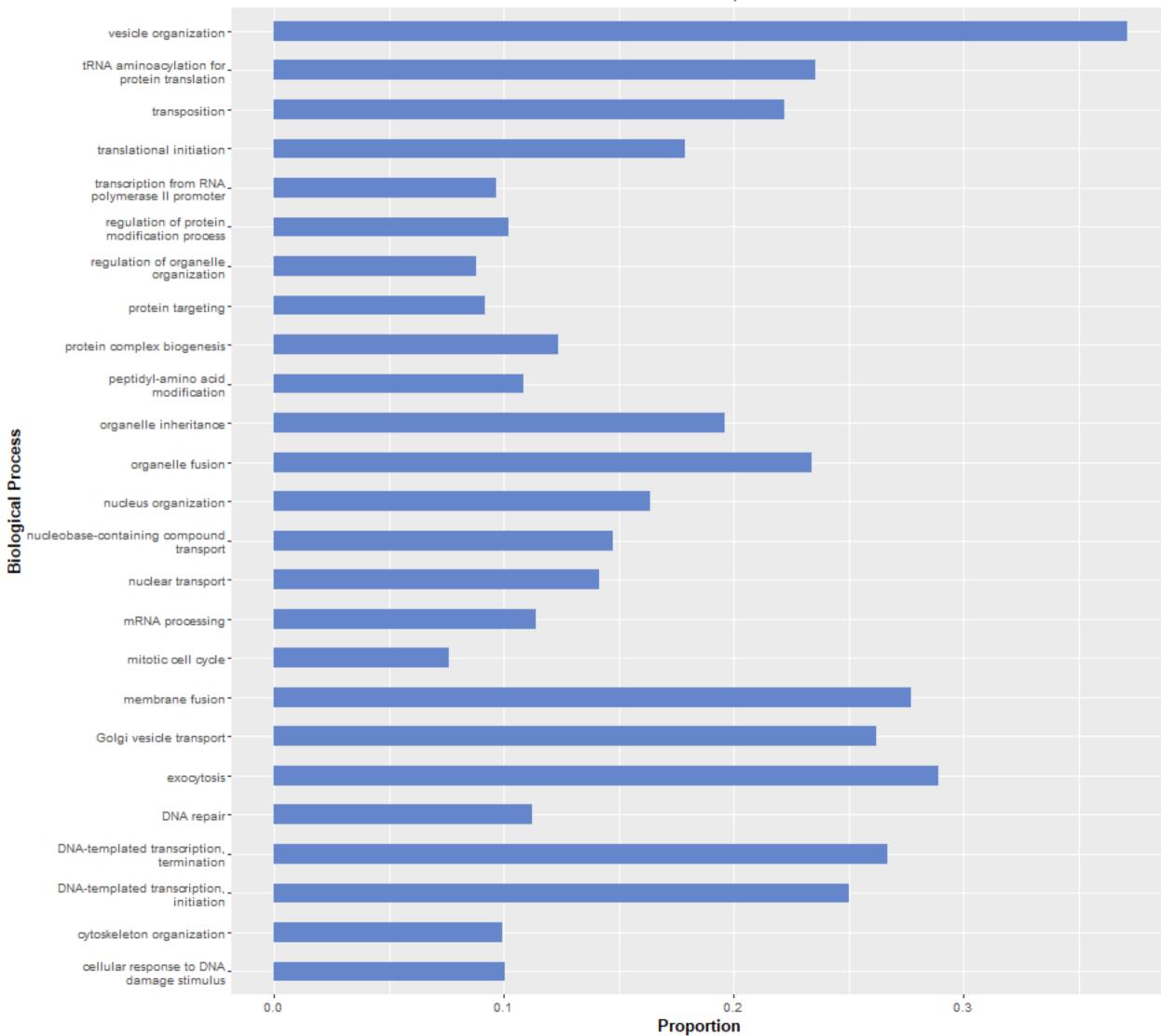
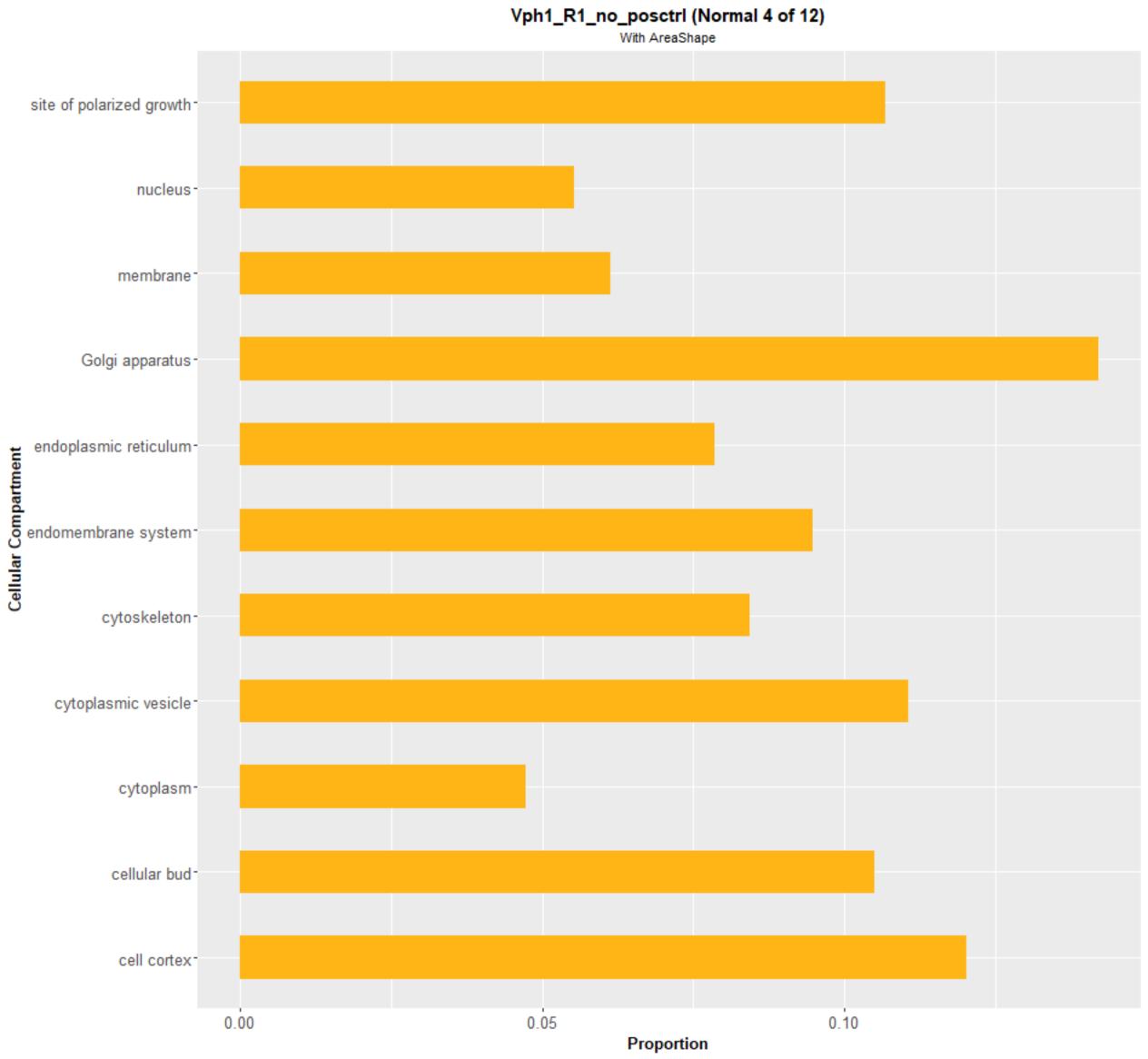
Vph1_R1_no_posctrl (Normal 0 of 12)
With AreaShape Cellular Compartment endomembrane system 0.02 Proportion 0.00 0.01 0.03 0.04

Vph1_R1_no_posctrl (Normal 0 of 12) With AreaShape vesicle organization tRNA aminoacylation for protein translation translational initiation protein complex biogenesis **Biological Process** mRNA processing mitotic cell cycle -Golgi vesicle transport DNA-templated transcription, termination DNA-templated transcription, initiation cell budding -0.00 0.05 0.10 0.15 0.20 Proportion

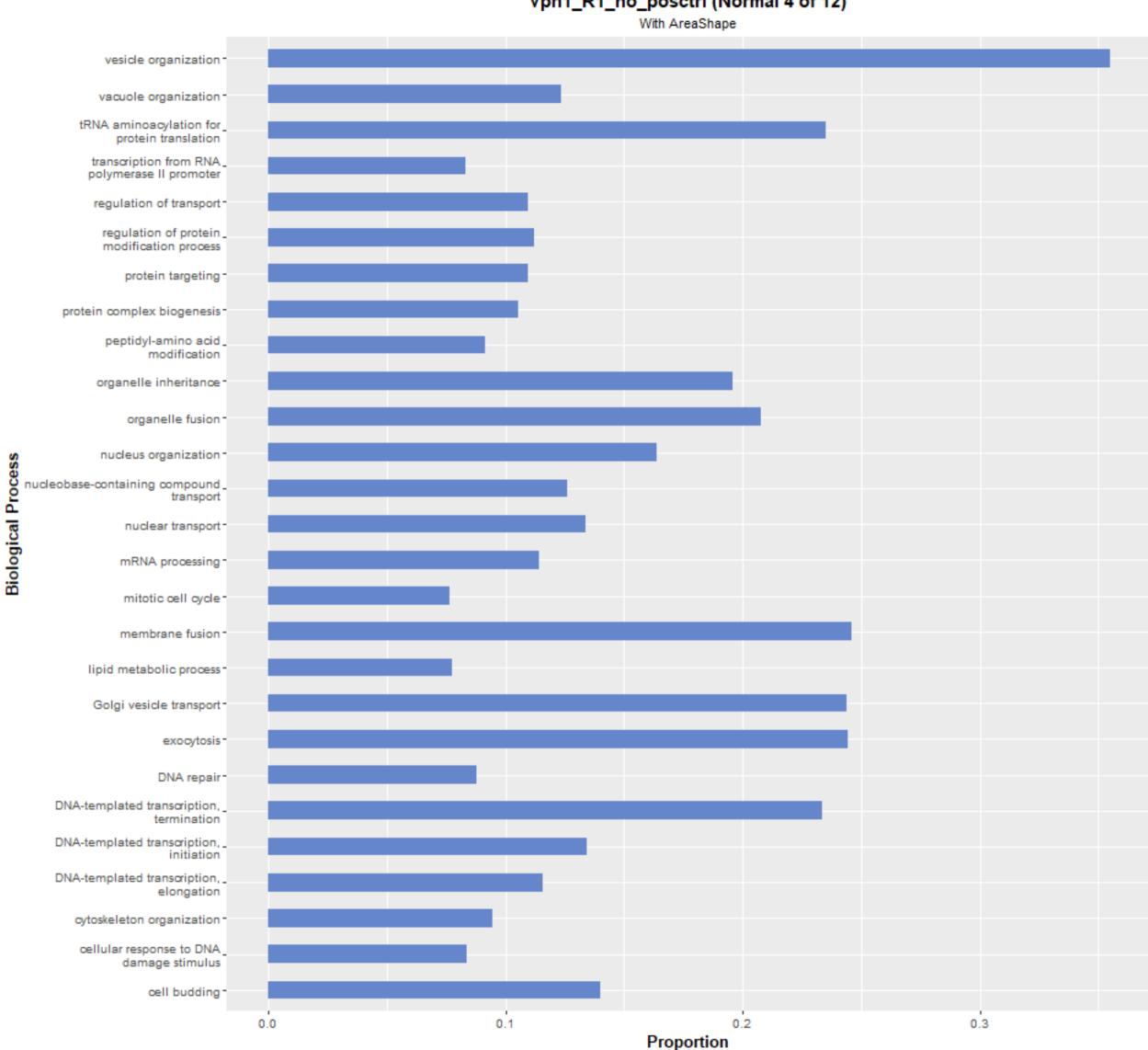


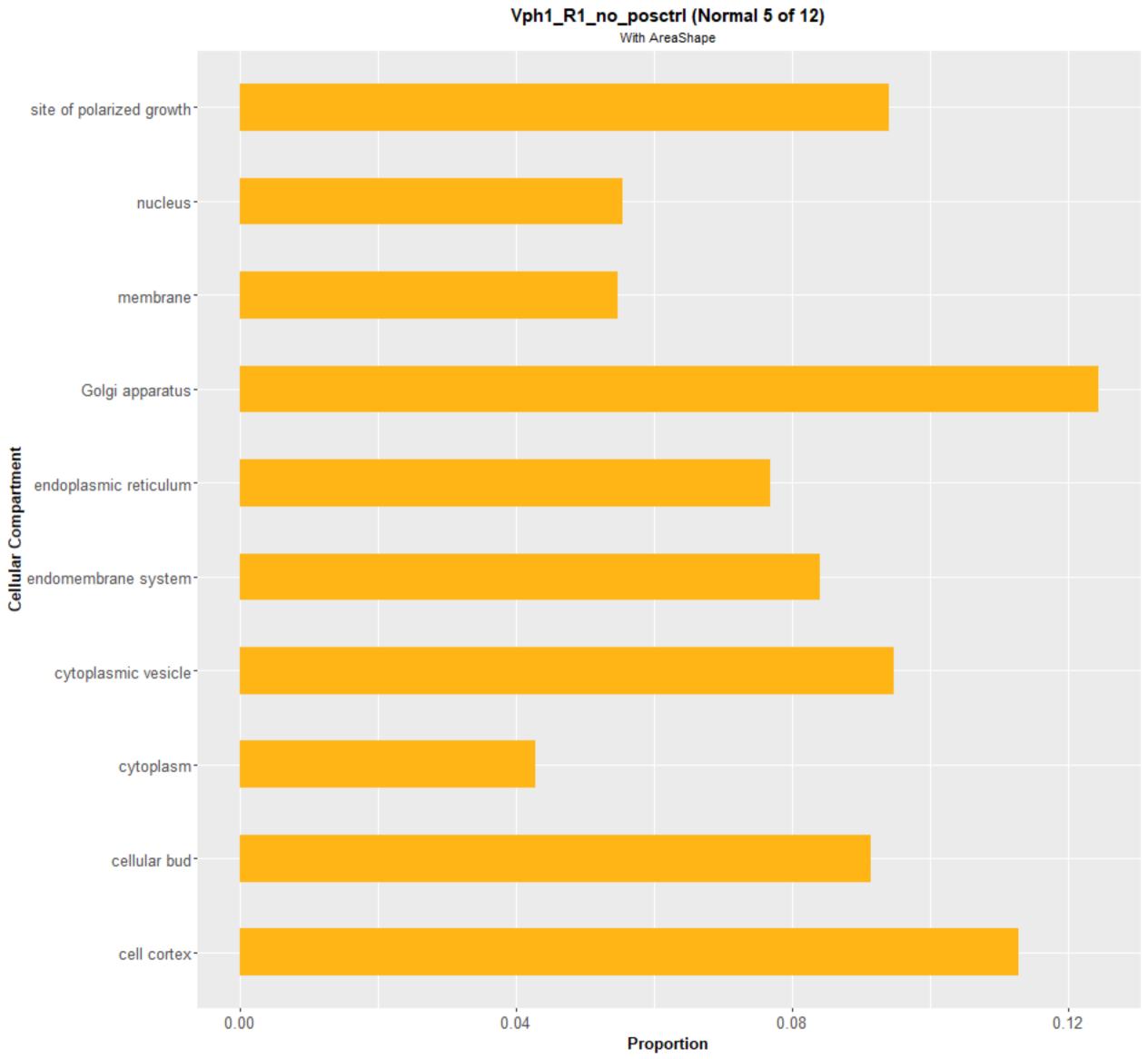
Vph1_R1_no_posctrl (Normal 3 of 12) With AreaShape





Vph1_R1_no_posctrl (Normal 4 of 12)



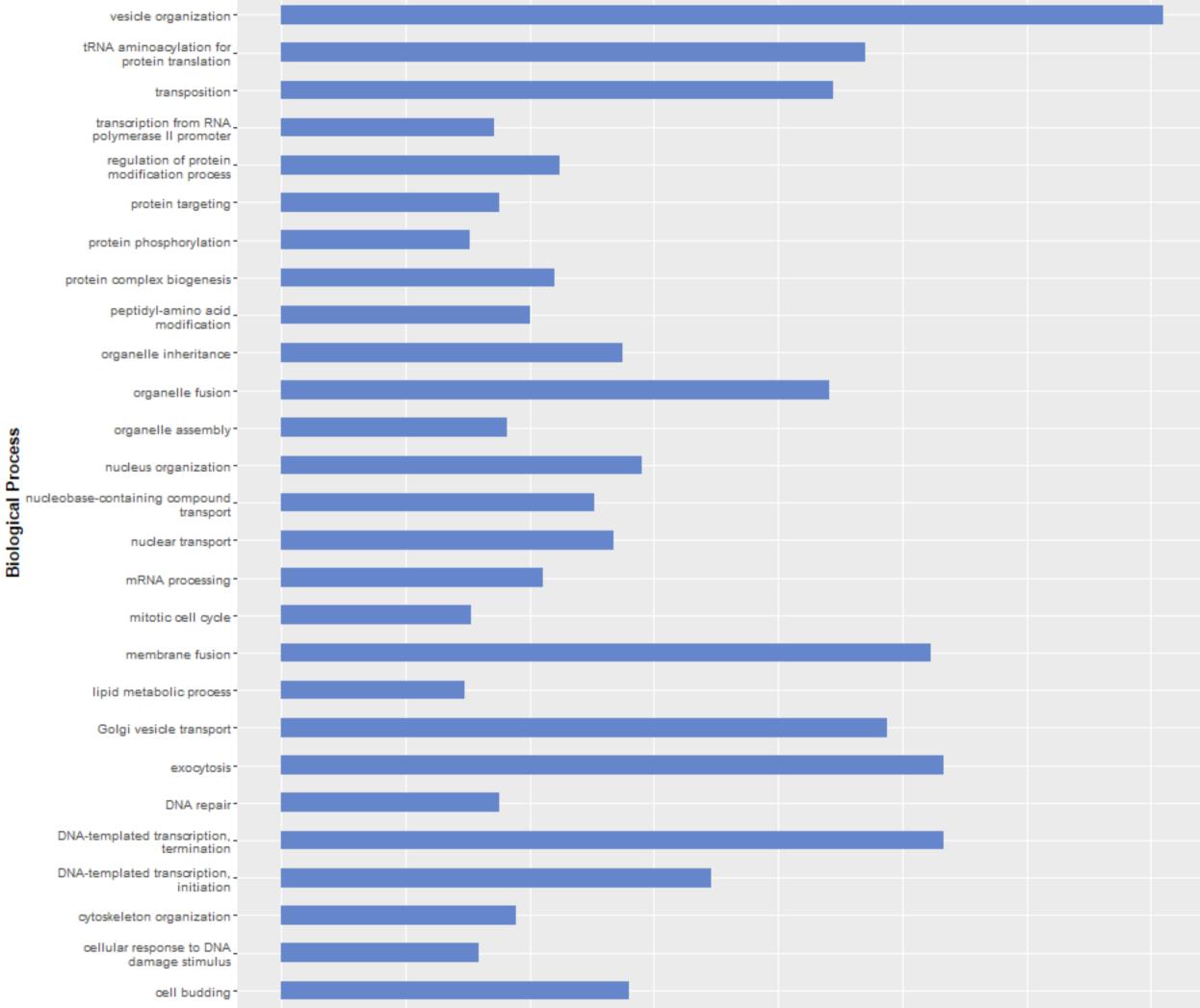


Vph1_R1_no_posctrl (Normal 5 of 12) With AreaShape

0.2

Proportion

0.3

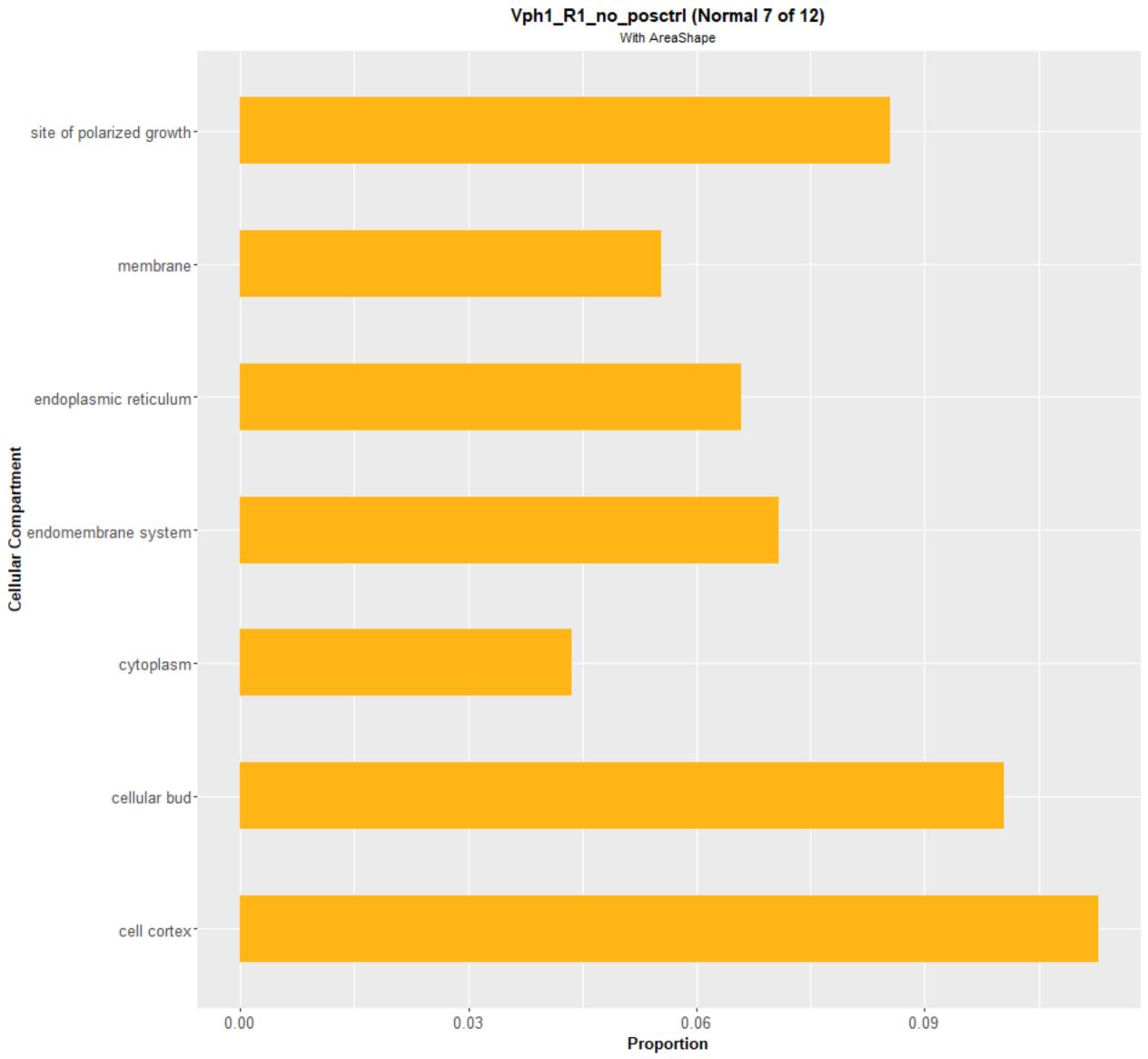


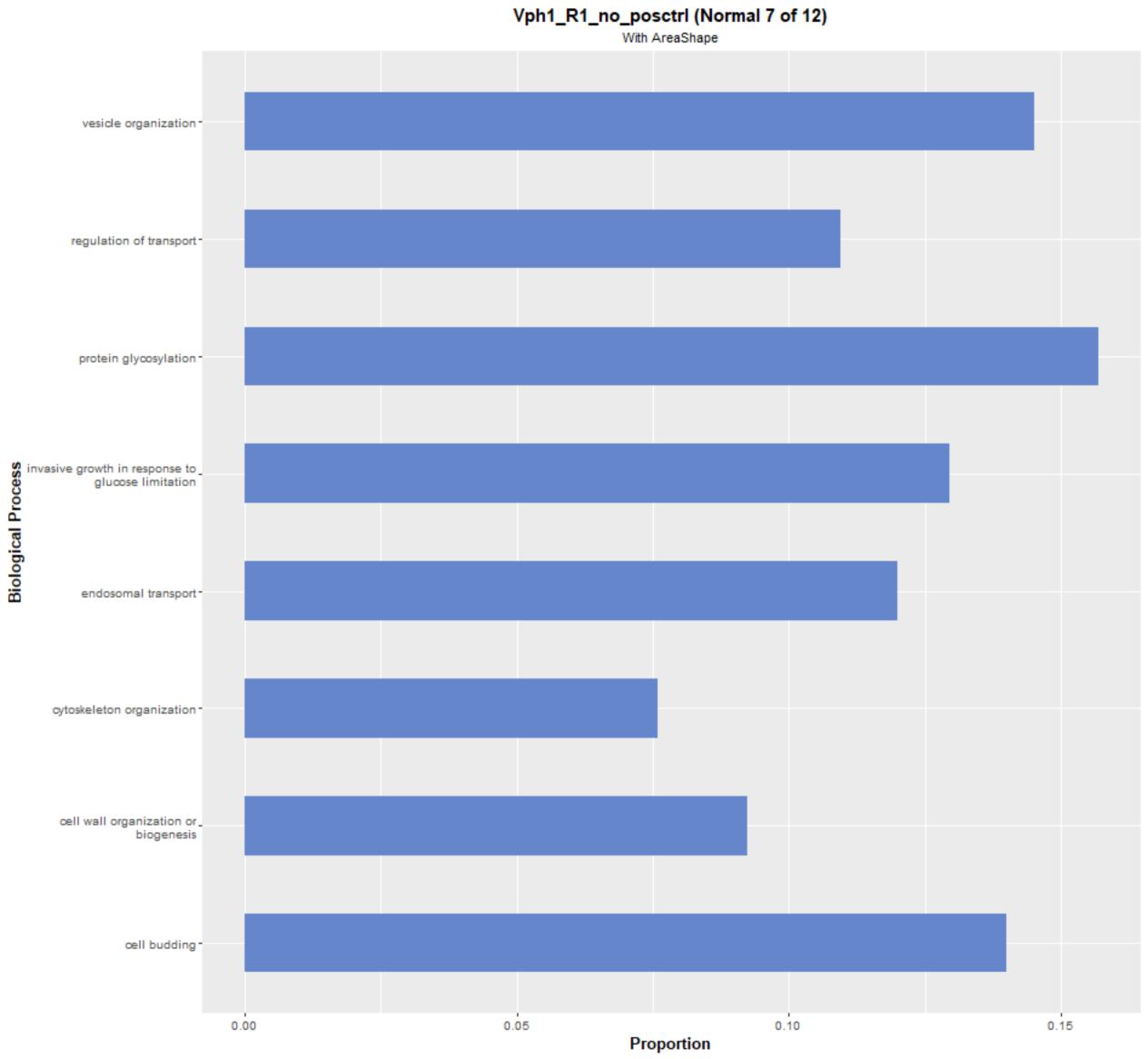
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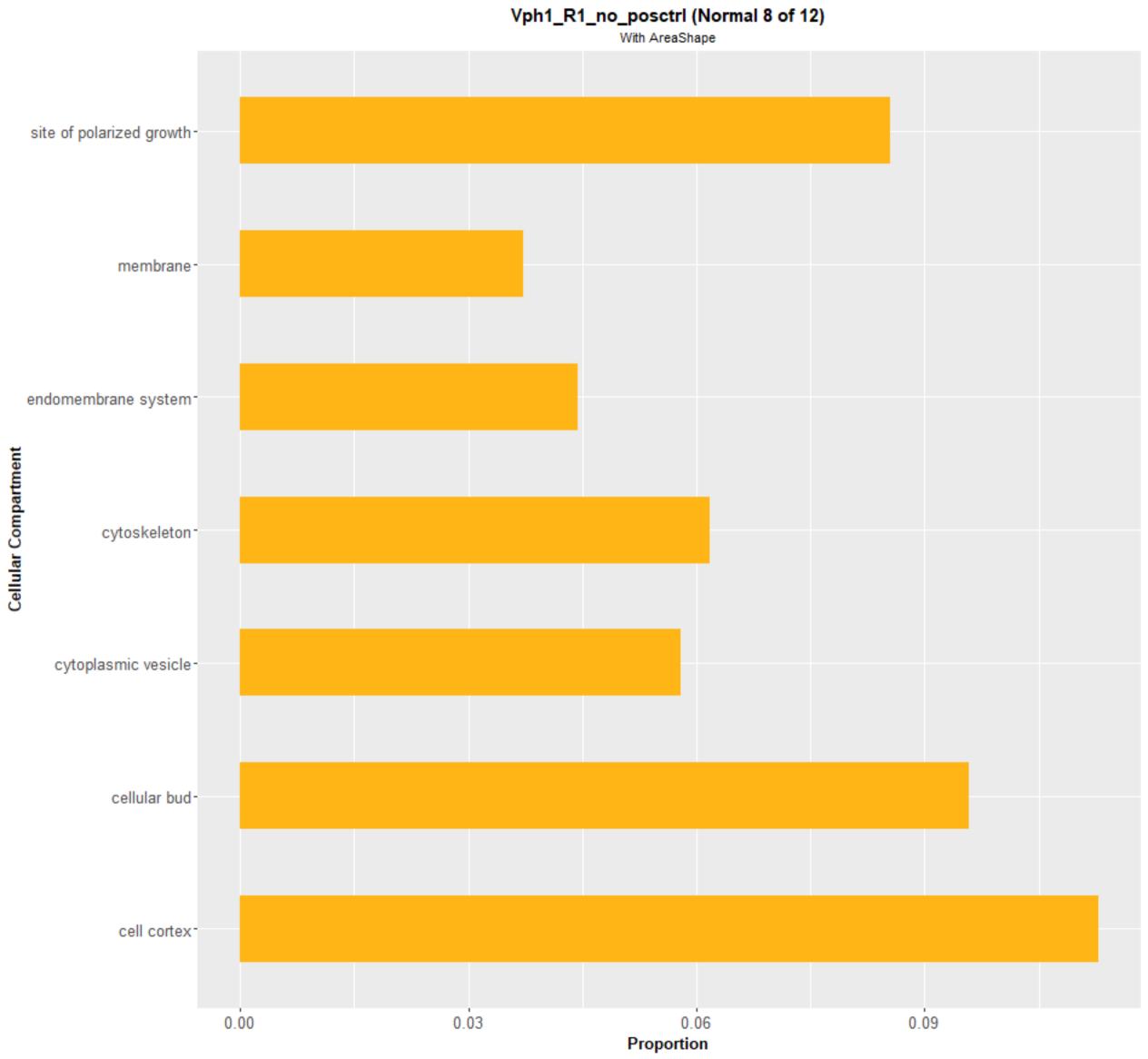
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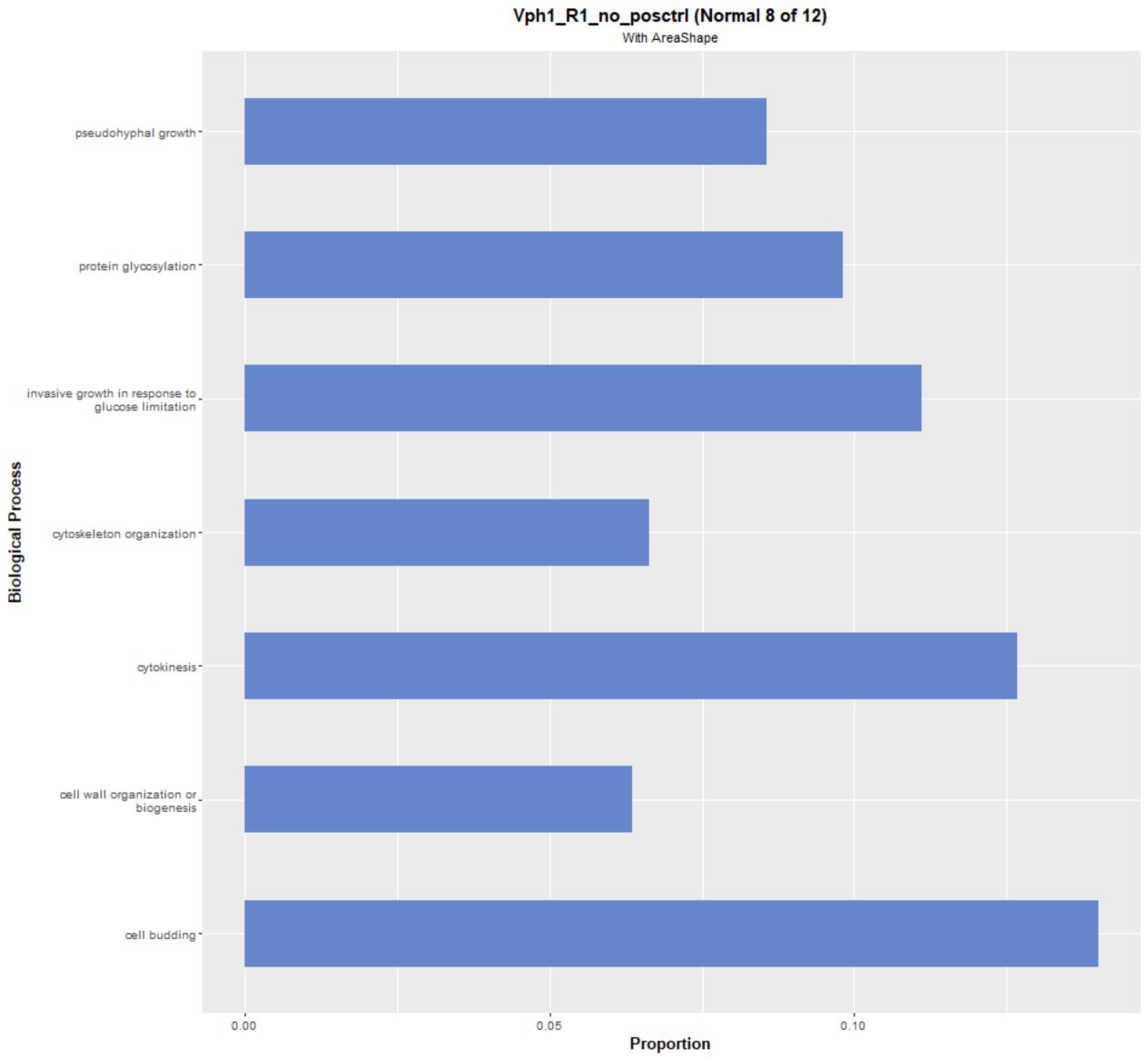
Vph1_R1_no_posctrl (Normal 6 of 12)
With AreaShape Cellular Compartment endomembrane system 0.00 0.02 0.04 0.06 Proportion

Vph1_R1_no_posctrl (Normal 6 of 12)
With AreaShape Biological Process 0.00 0.05 0.15 0.10 Proportion

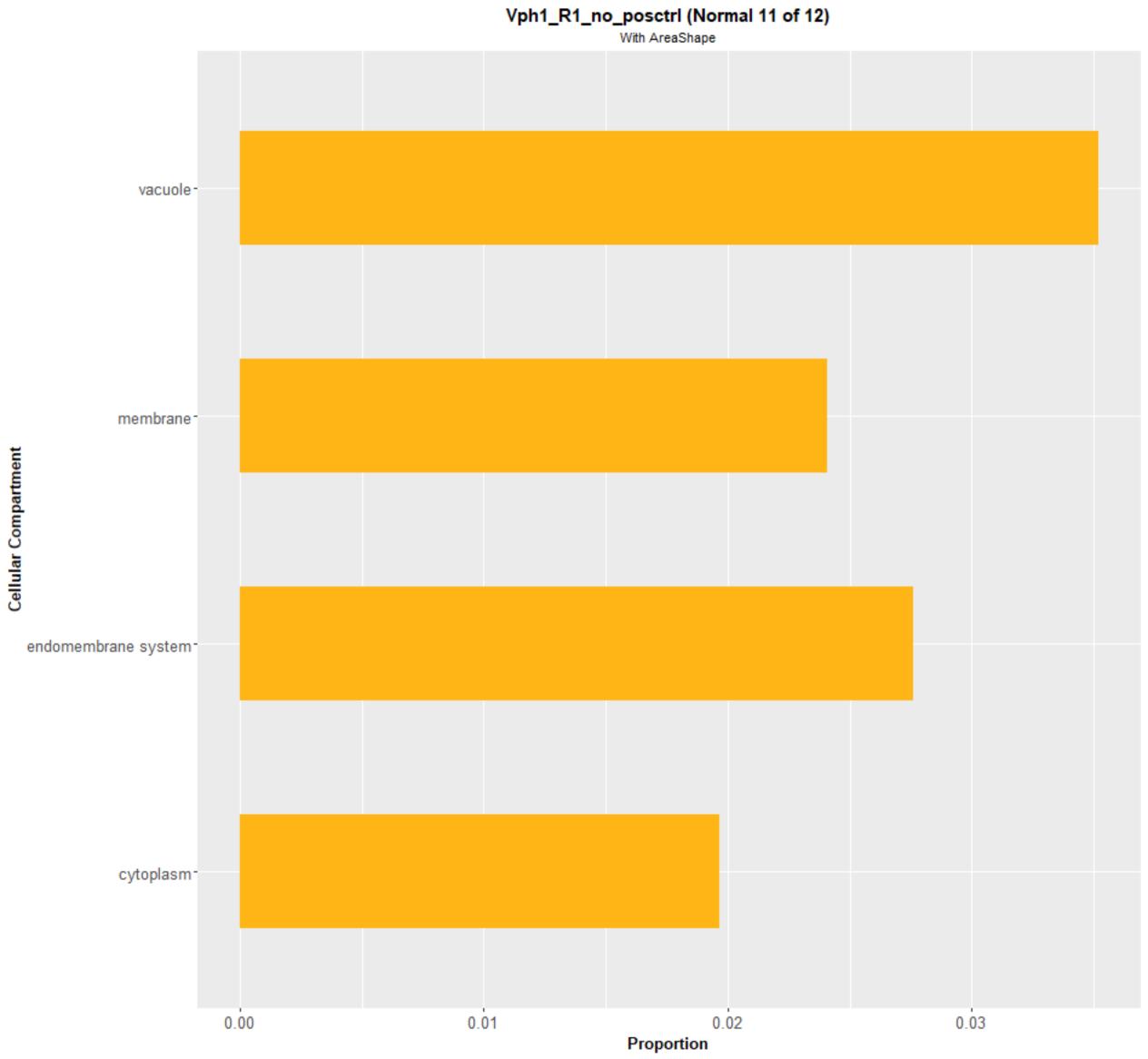




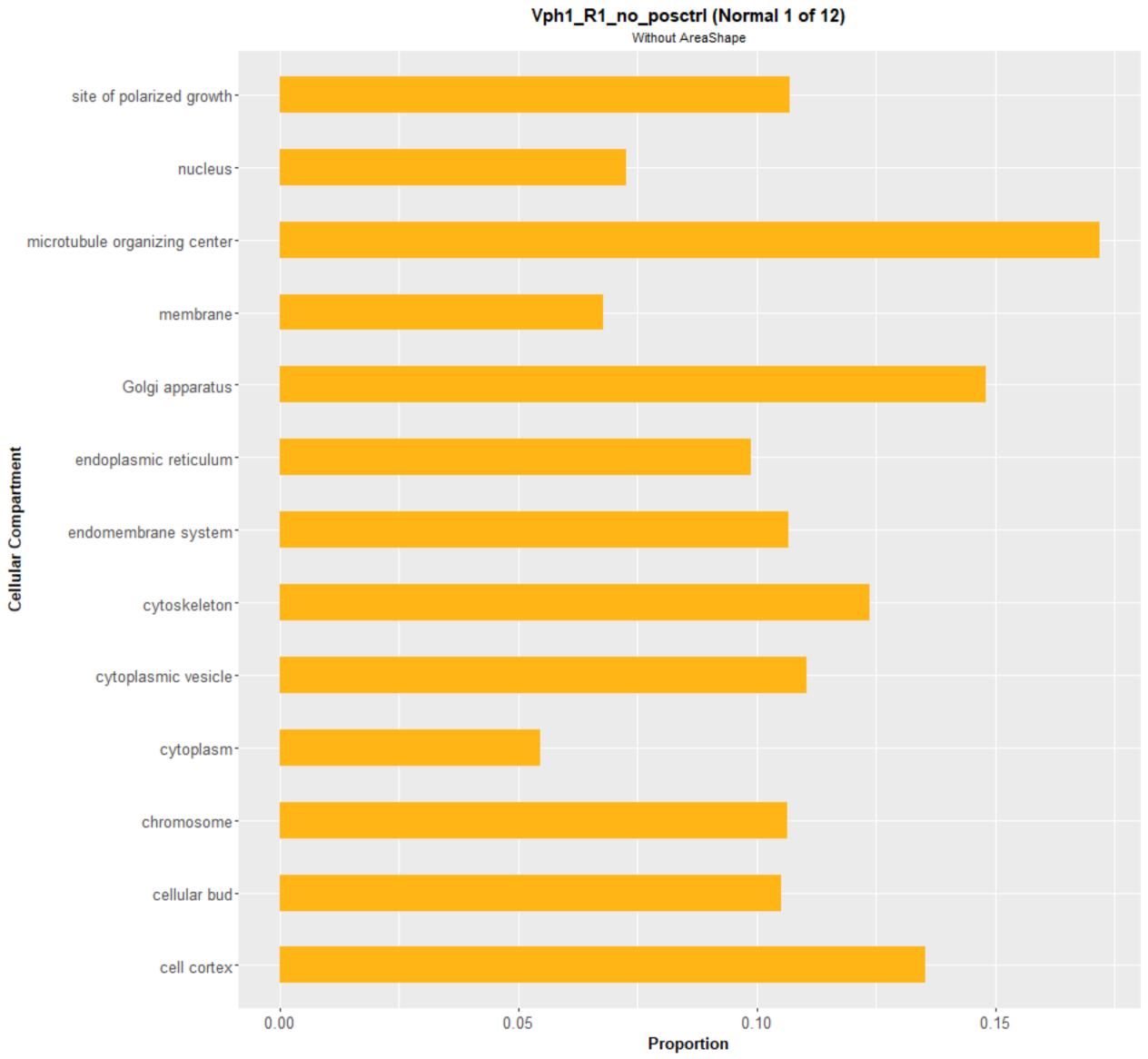




Vph1_R1_no_posctrl (Normal 9 of 12)
With AreaShape Biological Process 0.00 0.05 0.10 Proportion

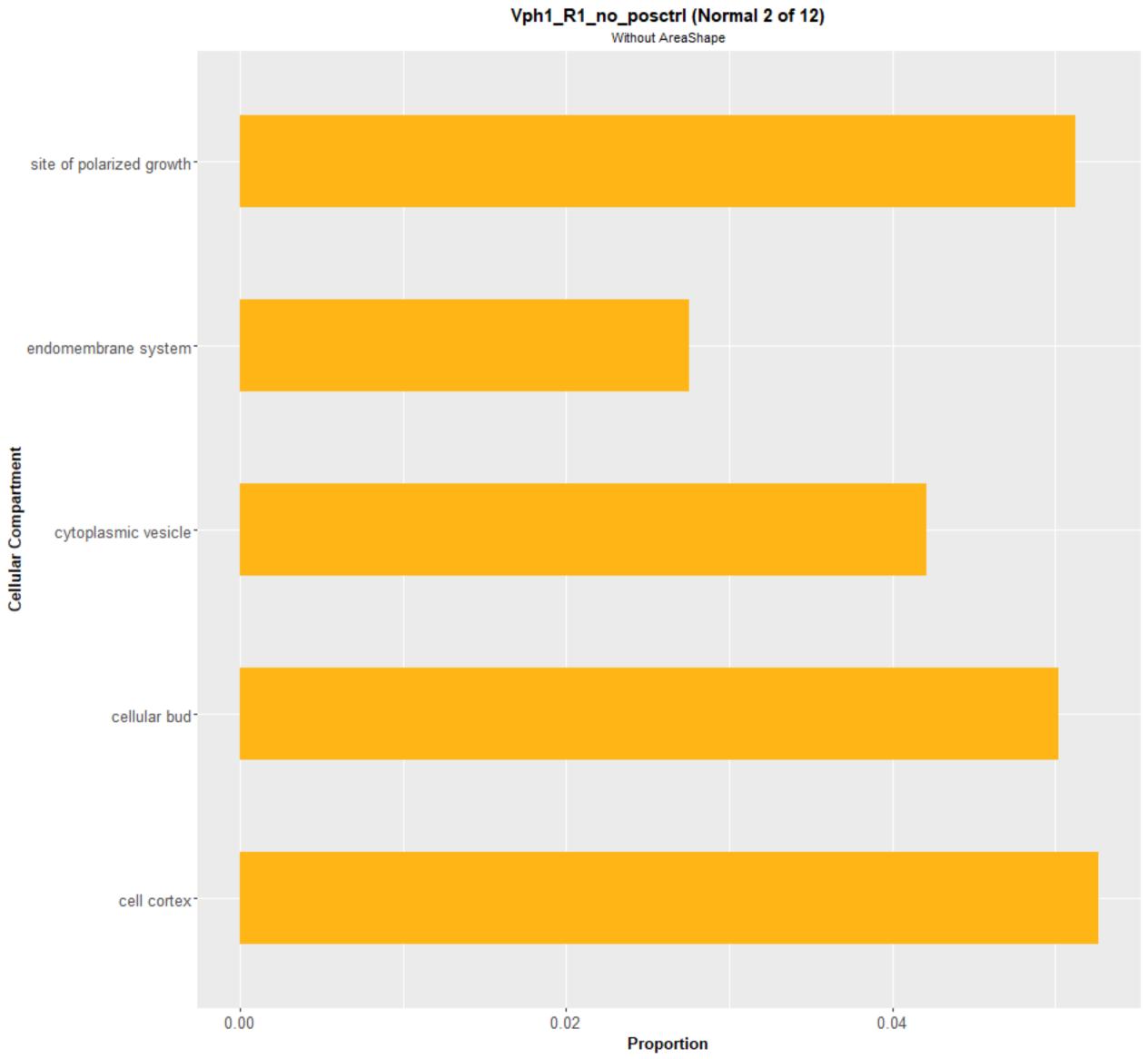


Vph1_R1_no_posctrl (Normal 11 of 12) With AreaShape vacuole organization -Biological Process protein glycosylation -0.050 0.000 0.025 0.075 0.100 Proportion



Vph1_R1_no_posctrl (Normal 1 of 12) Without AreaShape vesicle organization tRNA aminoacylation for protein translation translational initiation transcription from RNA_ polymerase II promoter snoRNA processing regulation of transport regulation of organelle_ organization protein targeting protein lipidation protein complex biogenesis organelle inheritance organelle fusion organelle fission nucleus organization nucleobase-containing compound transport nuclear transport mRNA processing mitotic cell cycle membrane fusion lipid metabolic process Golgi vesicle transport exocytosis -DNA replication -DNA repair DNA-templated transcription, _ termination DNA-templated transcription, initiation cytoskeleton organization chromosome segregation chromatin organization cellular response to DNA_ damage stimulus cell budding 0.2 0.0 0.1 0.3 Proportion

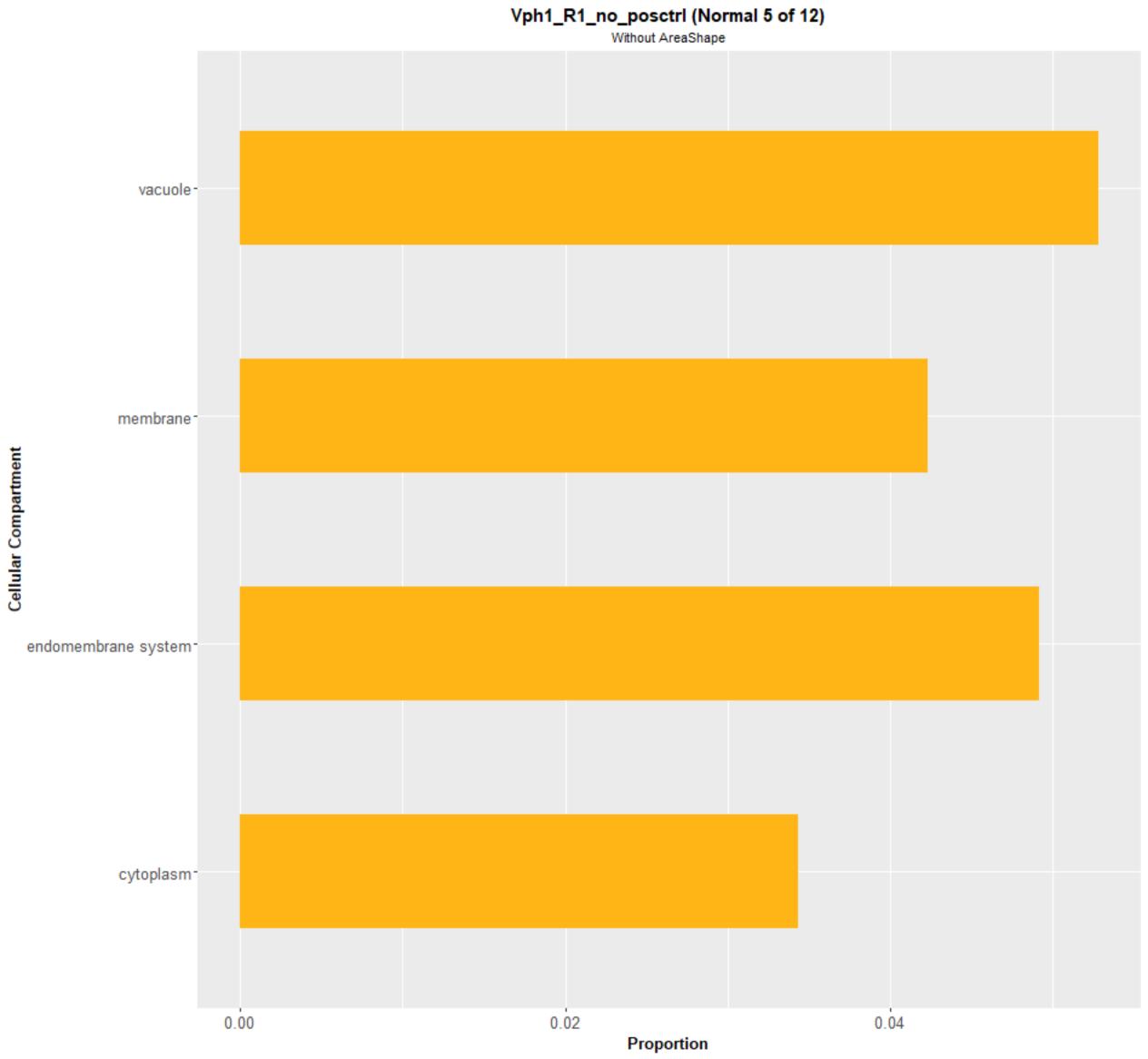
Biological Process



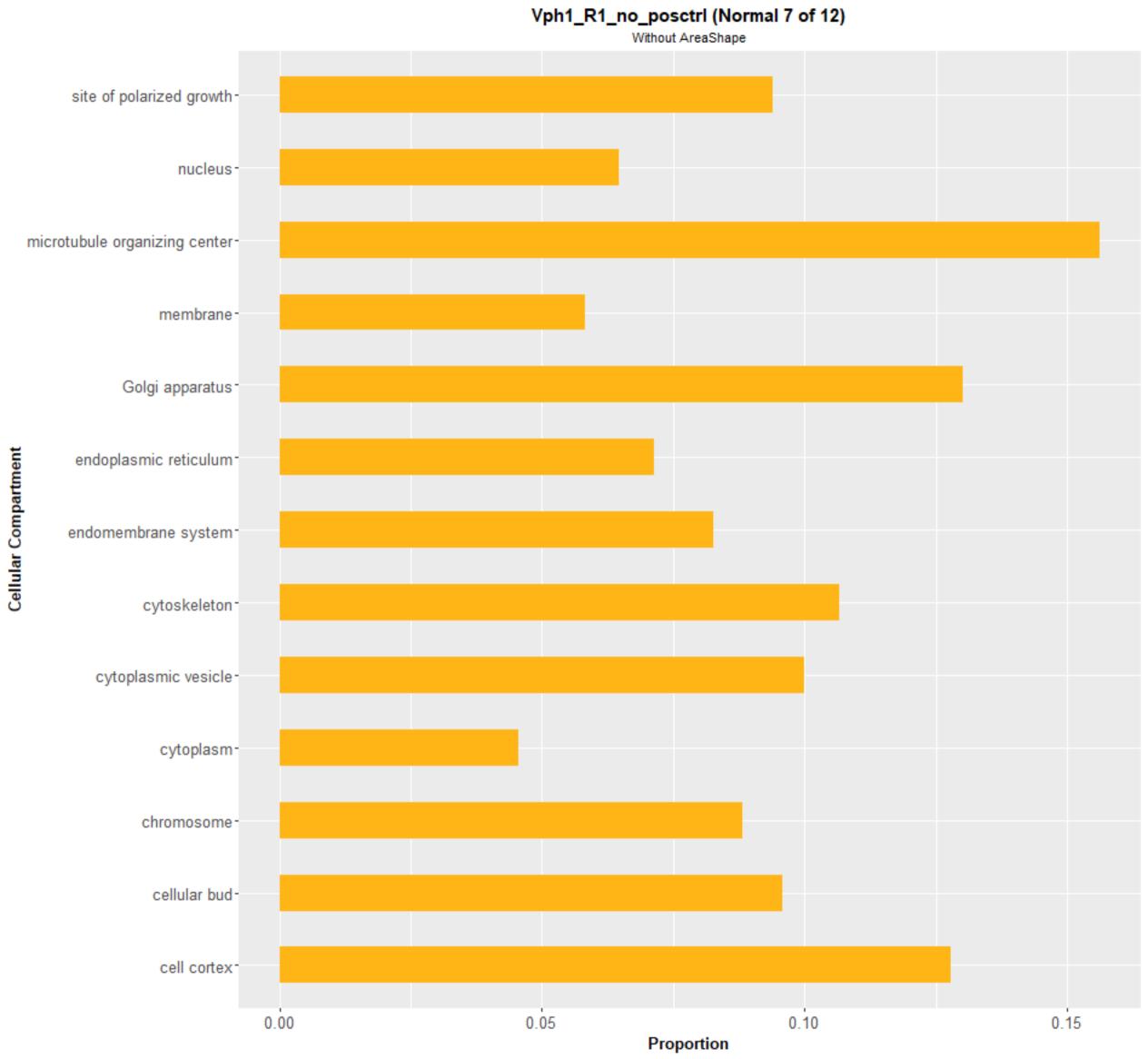
Vph1_R1_no_posctrl (Normal 2 of 12) Without AreaShape vesicle organization transcription from RNA_ polymerase II promoter mitotic cell cycle membrane fusion -Biological Process Golgi vesicle transport DNA repair chromatin organization cellular response to DNA_ damage stimulus cell wall organization or _ biogenesis 0.050 0.100 0.000 0.025 0.075 Proportion

Vph1_R1_no_posctrl (Normal 4 of 12)
Without AreaShape Cellular Compartment 0.00 0.02 0.04 0.06 Proportion

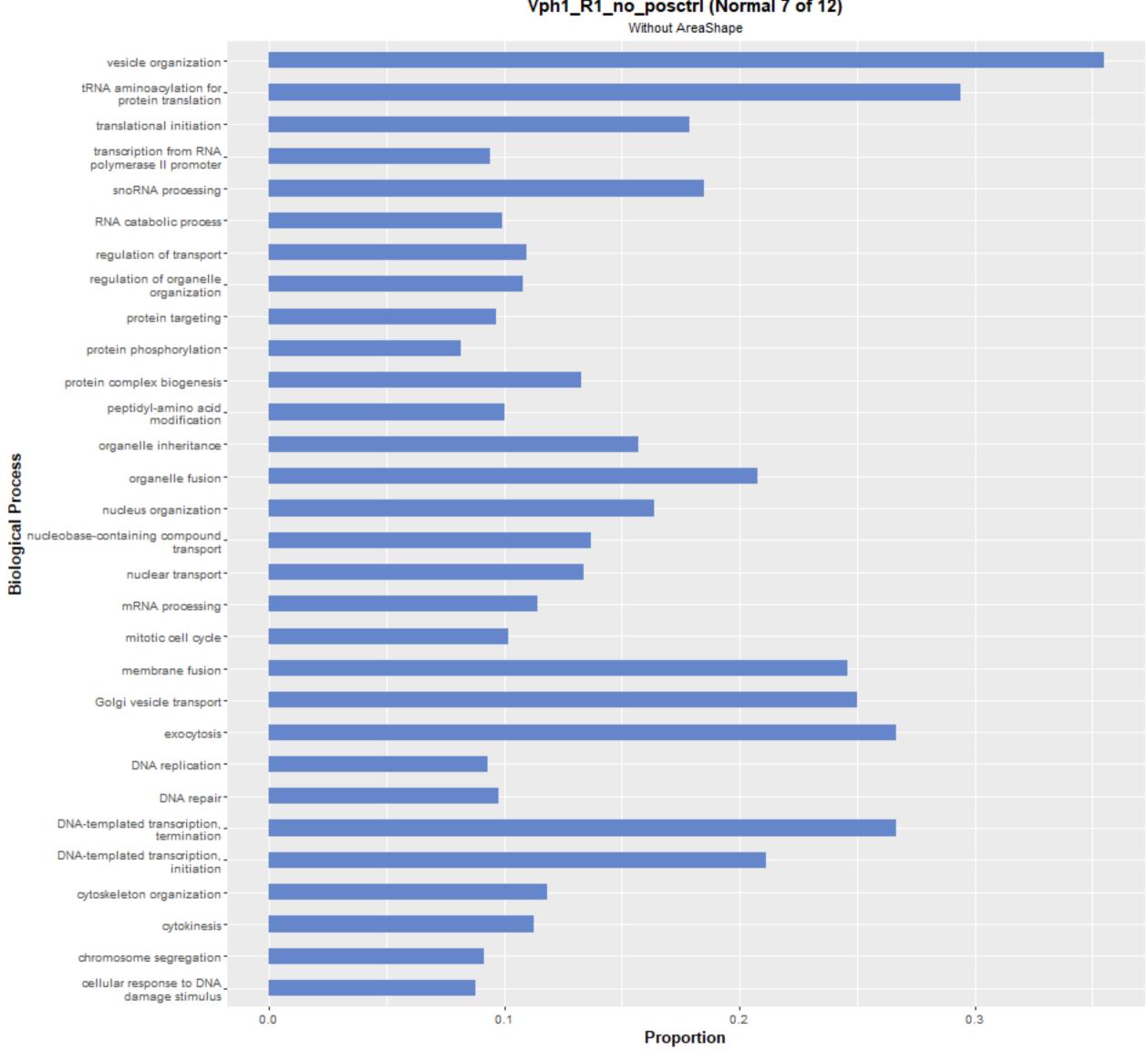
Vph1_R1_no_posctrl (Normal 4 of 12)
Without AreaShape protein complex biogenesis Biological Process cytoskeleton organization -0.00 0.02 0.04 0.06 Proportion

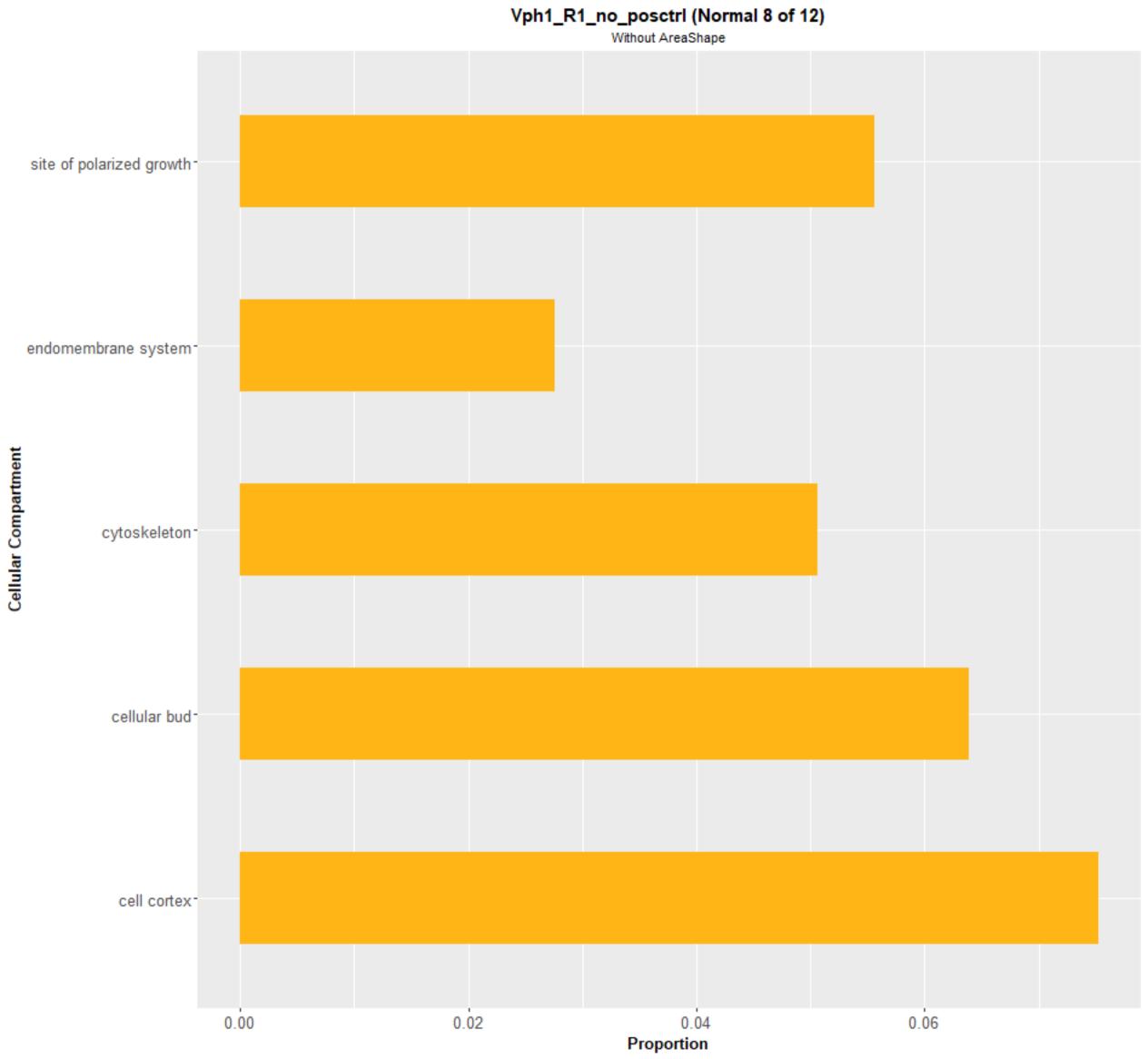


Vph1_R1_no_posctrl (Normal 5 of 12) Without AreaShape vesicle organization vacuole organization protein maturation -Biological Process organelle fusion membrane fusion endosomal transport cytoskeleton organization -0.00 0.05 0.10 0.15 Proportion

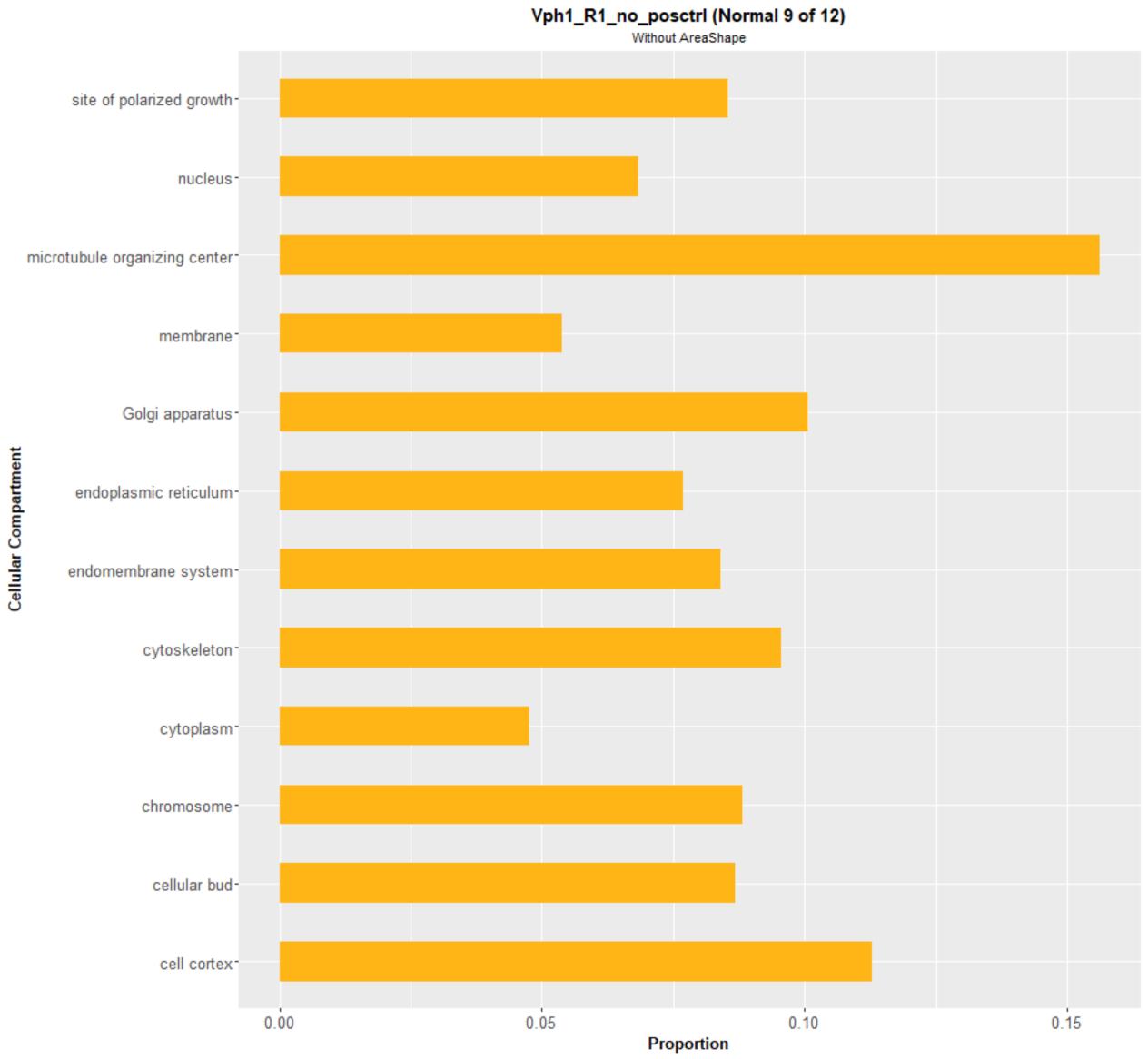


Vph1_R1_no_posctrl (Normal 7 of 12)

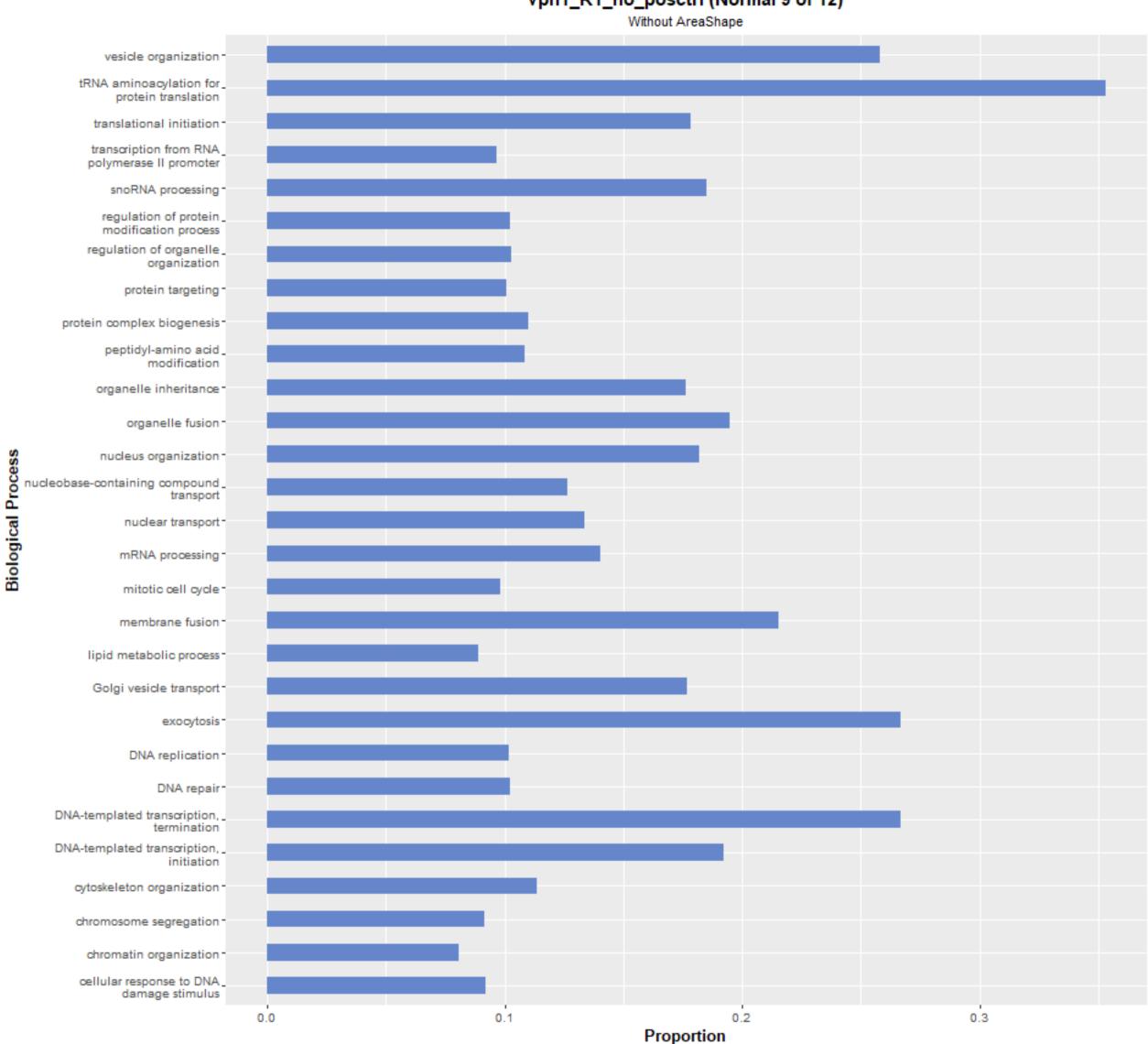


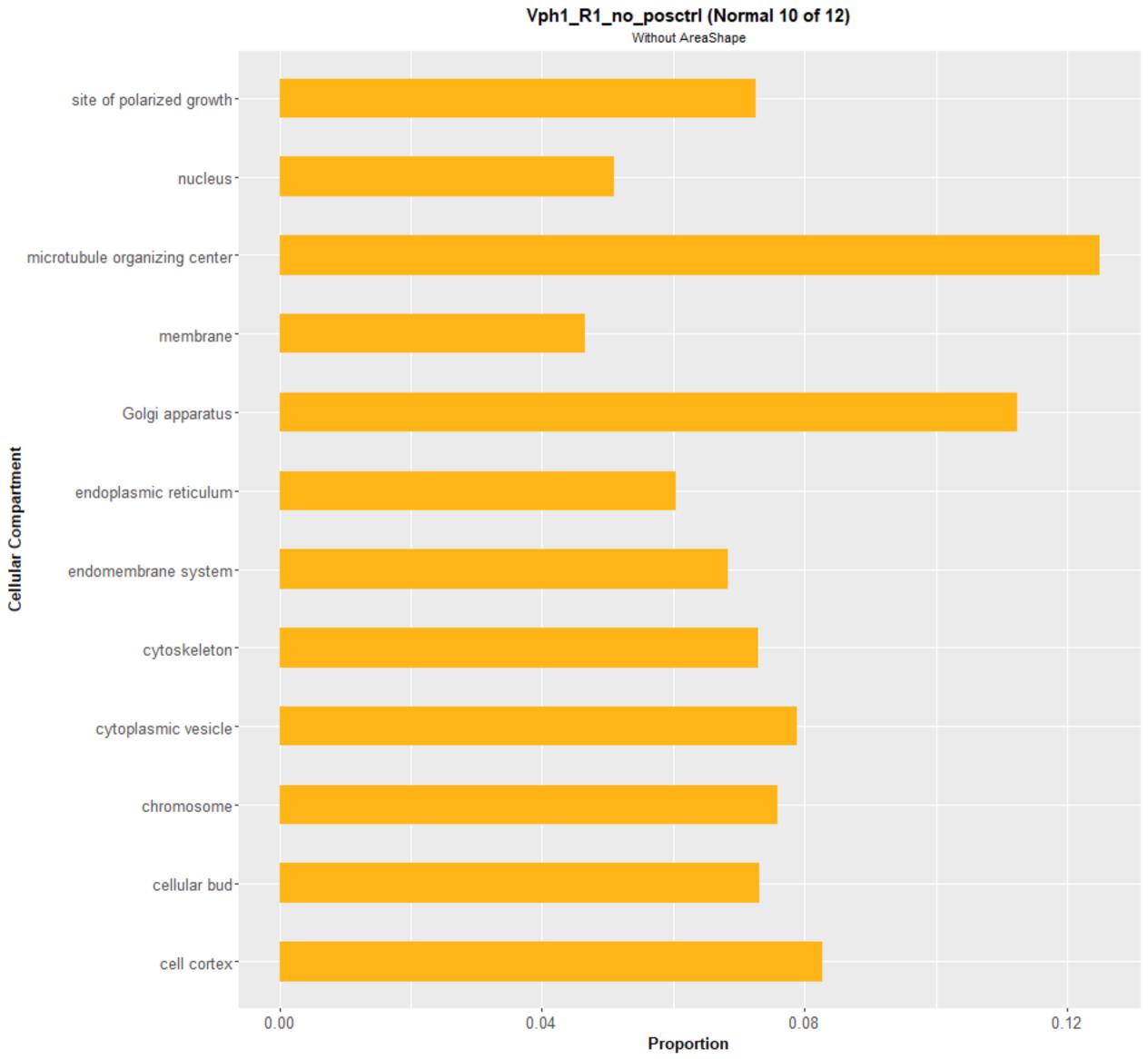


Vph1_R1_no_posctrl (Normal 8 of 12) Without AreaShape vesicle organization proteolysis involved in cellular protein catabolic process mitotic cell cycle endosomal transportcytokinesis cell wall organization or_ biogenesis cell budding -0.04 0.00 0.02 0.06 0.08 Proportion



Vph1_R1_no_posctrl (Normal 9 of 12)





Vph1_R1_no_posctrl (Normal 10 of 12) Without AreaShape

0.2

Proportion

0.3

vesicle organization -

transcription from RNA polymerase II promoter

snoRNA processing -

regulation of transport

regulation of organelle_

protein complex biogenesis

Biological Process

organelle inheritance

organelle fusion -

organelle fission -

nuclear transport

mRNA processing -

mitotic cell cycle -

membrane fusion -

exocytosis -

DNA repair

termination

0.0

0.1

Golgi vesicle transport

DNA-templated transcription, _

cytoskeleton organization =

chromosome segregation -

cellular response to DNA _ damage stimulus

transport

nucleus organization -

nucleobase-containing compound

organization

protein targeting -

Vph1_R1_no_posctrl (Normal 11 of 12)
Without AreaShape Biological Process
A sessible organization -0.15 0.10 0.00 0.05 Proportion