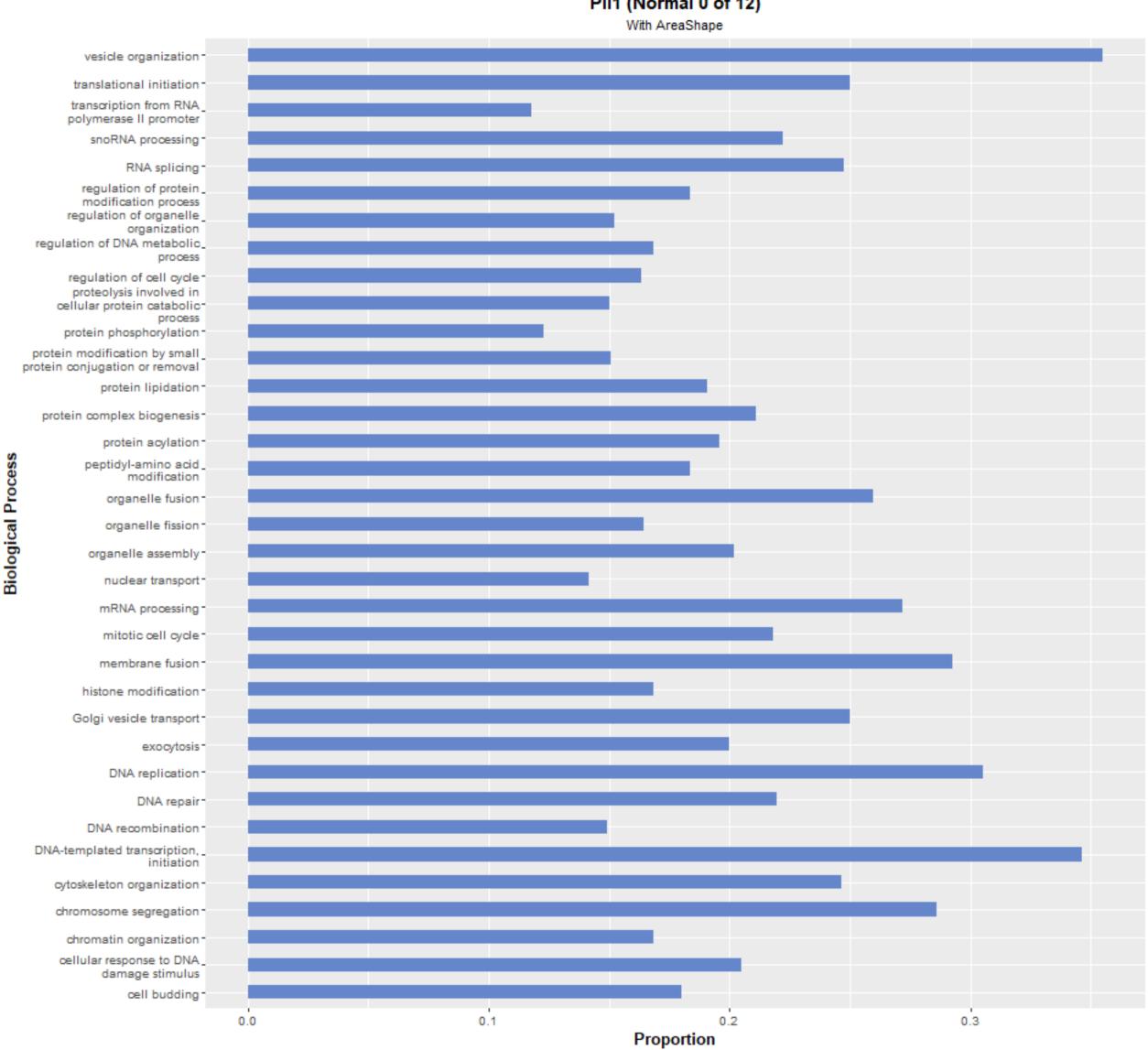
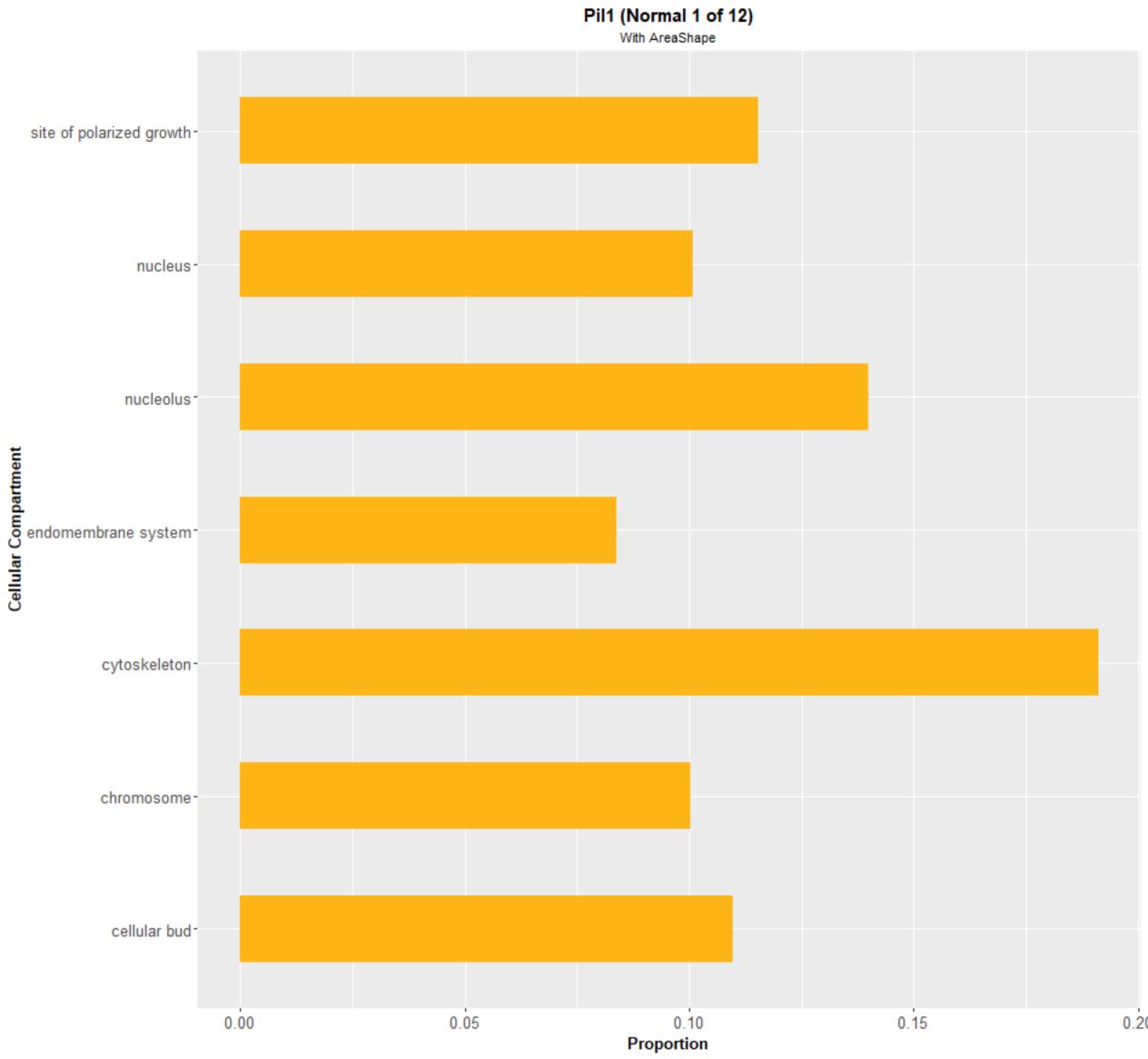
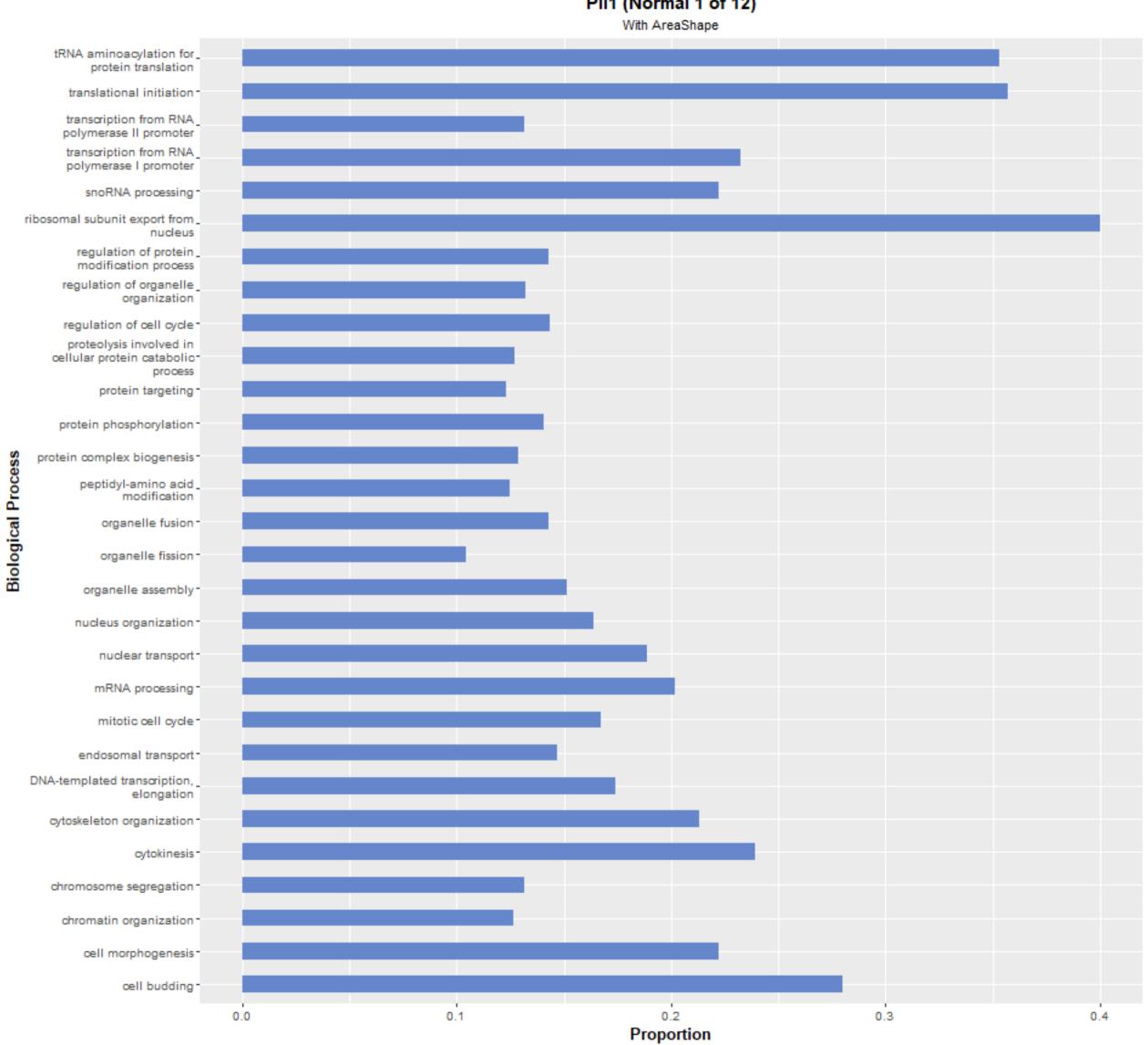


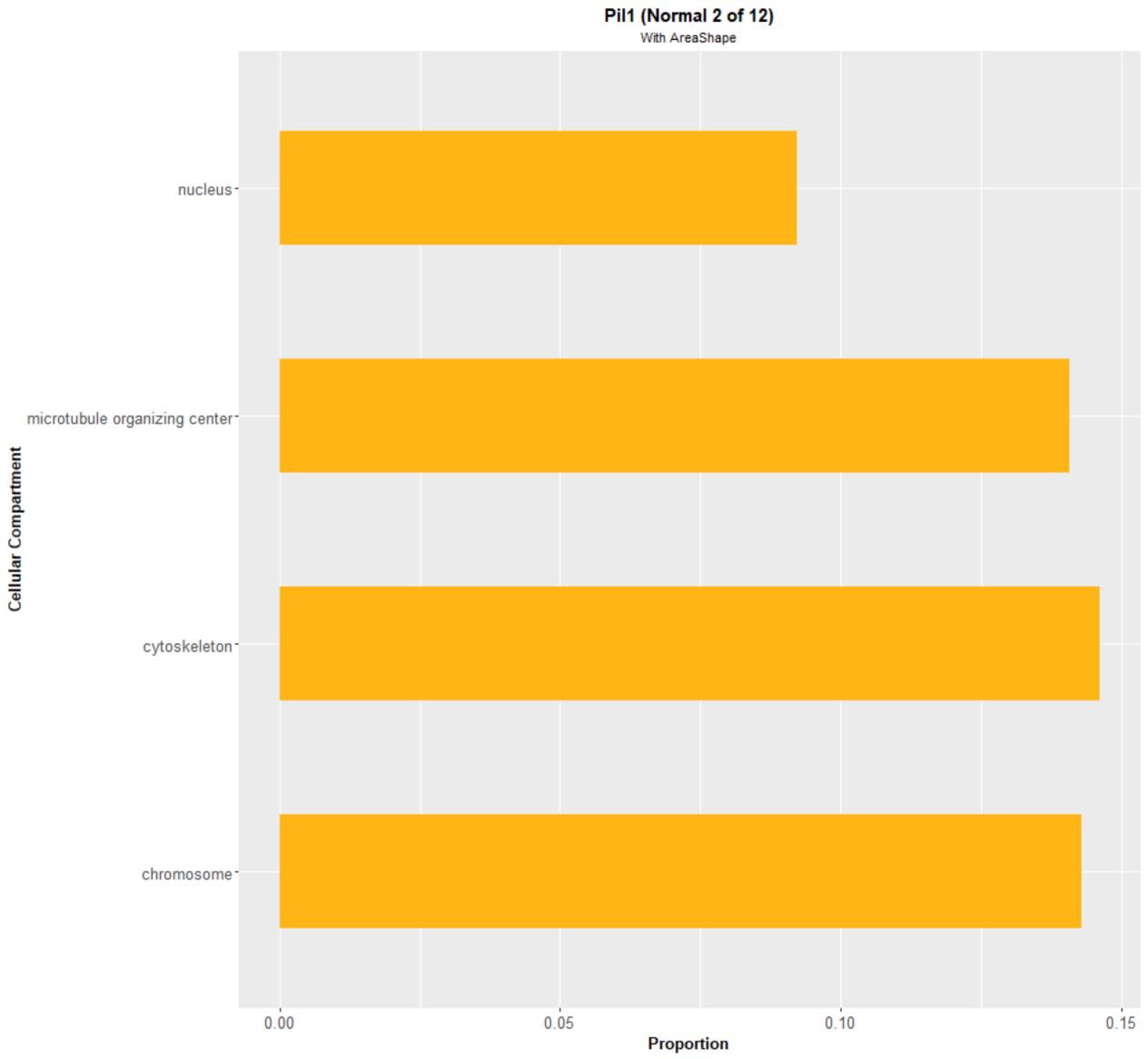
Pil1 (Normal 0 of 12)



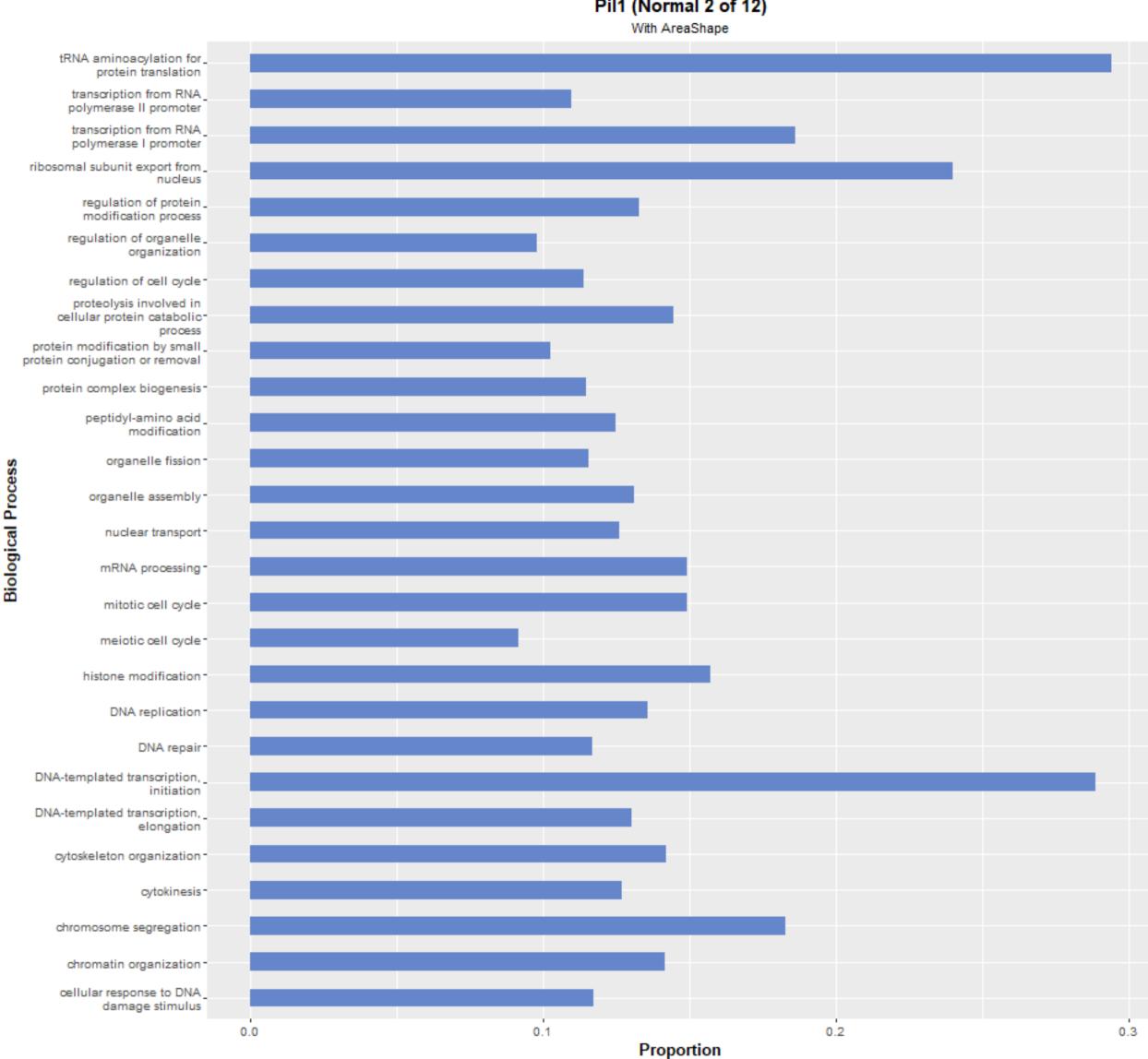


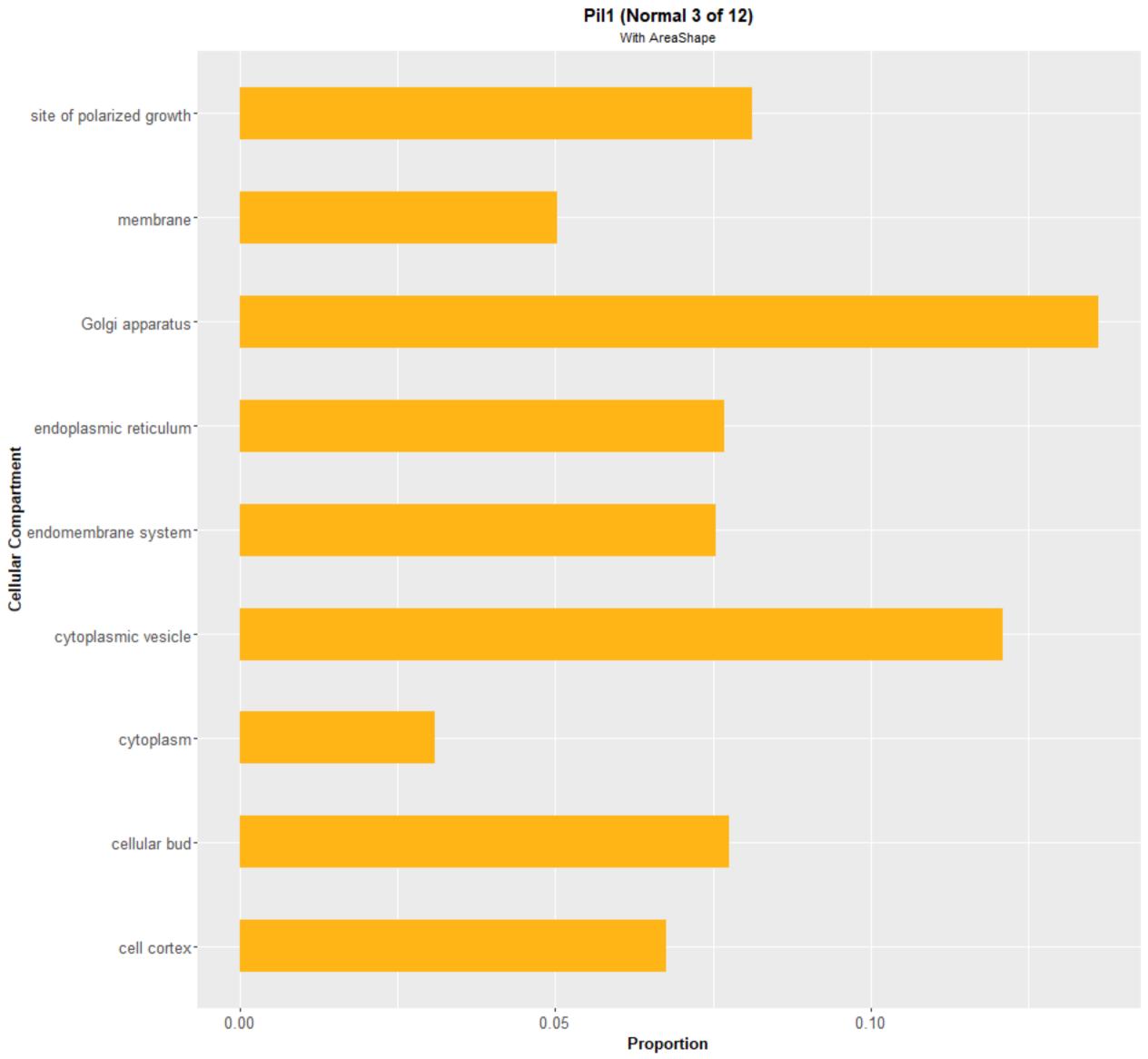
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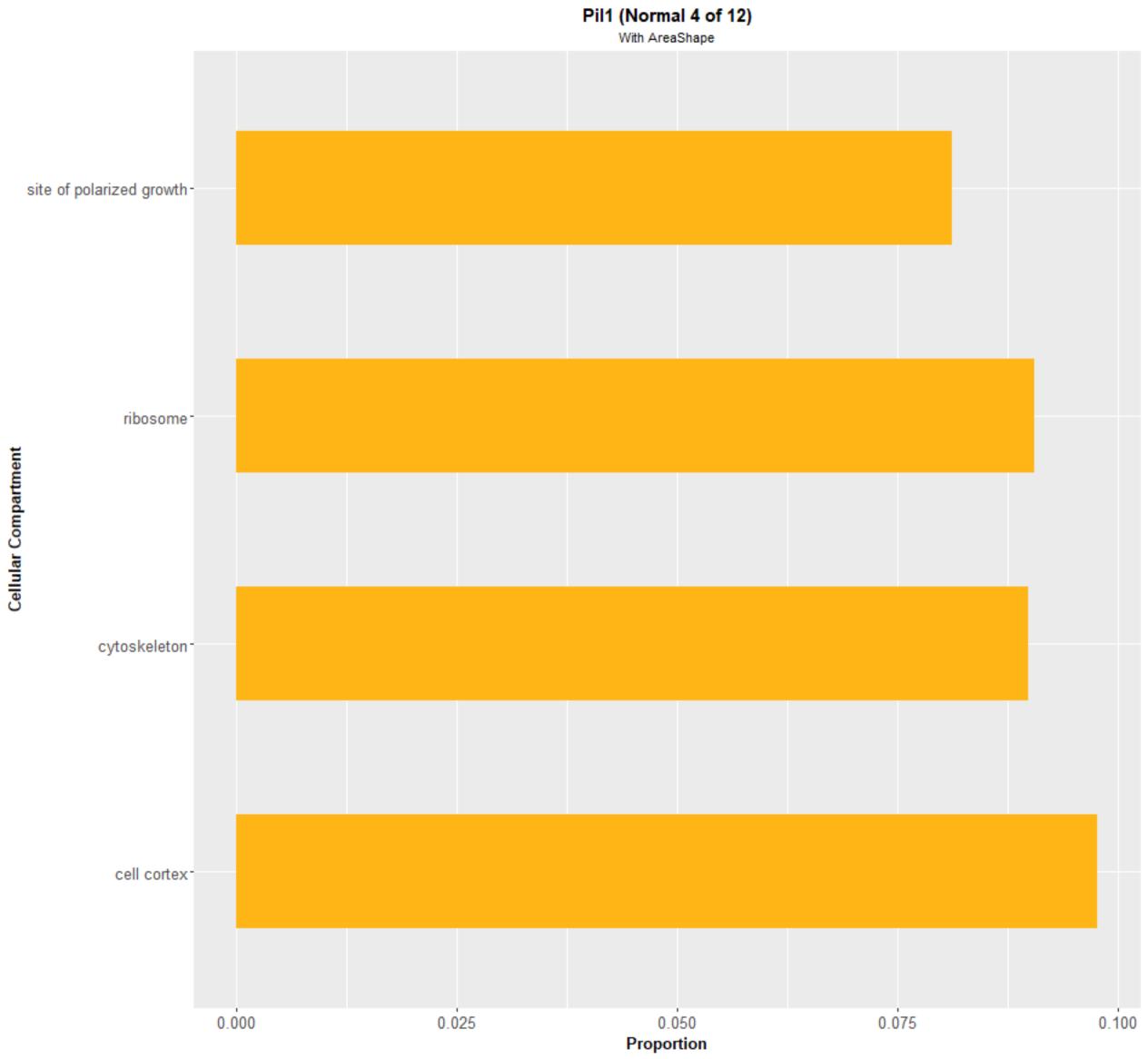


Pil1 (Normal 2 of 12)

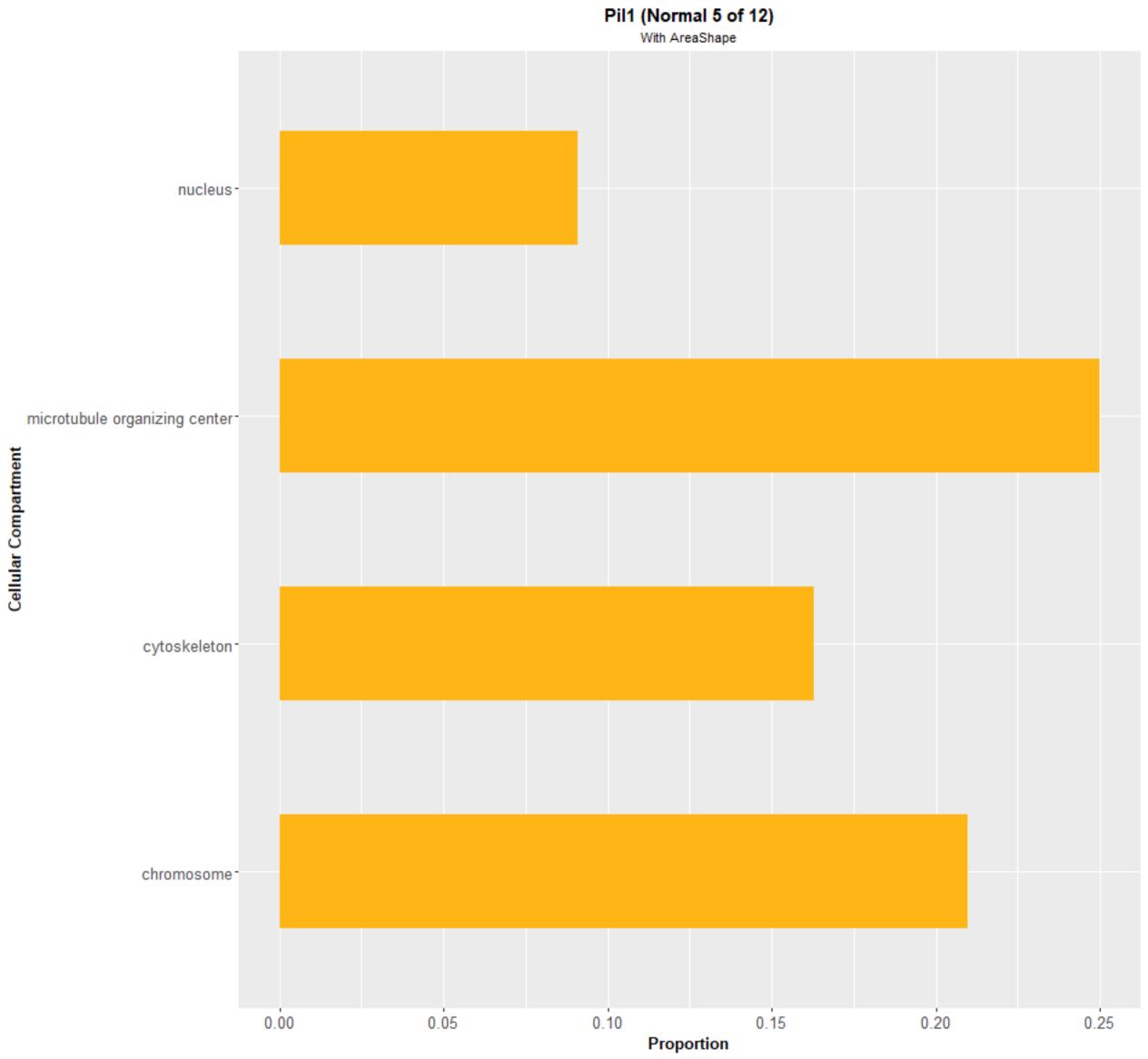




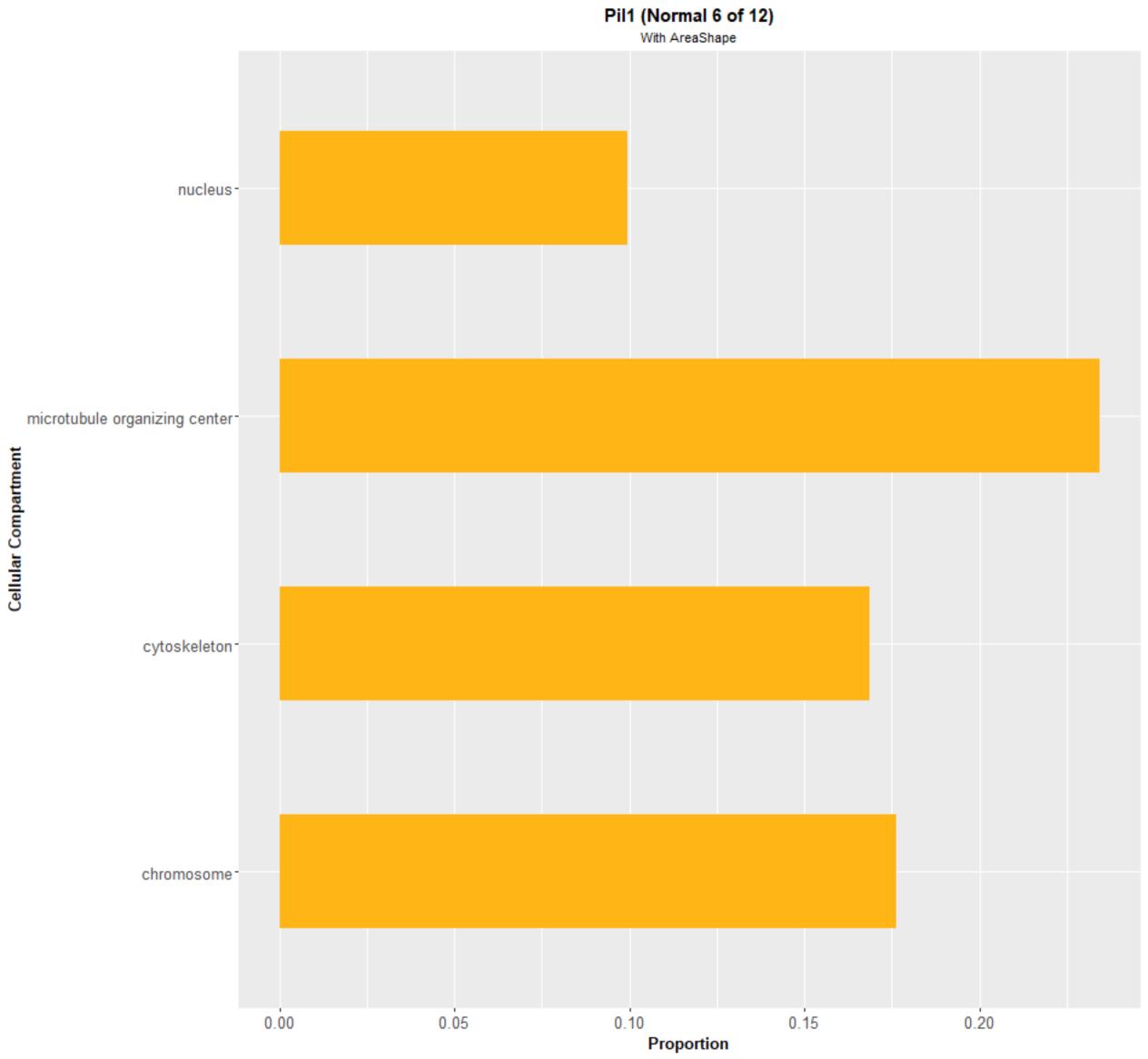
Pil1 (Normal 3 of 12) With AreaShape vesicle organization vacuole organization -RNA splicing regulation of transport protein lipidation protein complex biogenesis Biological Process organelle inheritance organelle fusion mRNA processing membrane fusion lipid metabolic process Golgi vesicle transport exocytosis cell budding -0.0 0.2 0.1 0.3 0.4 Proportion



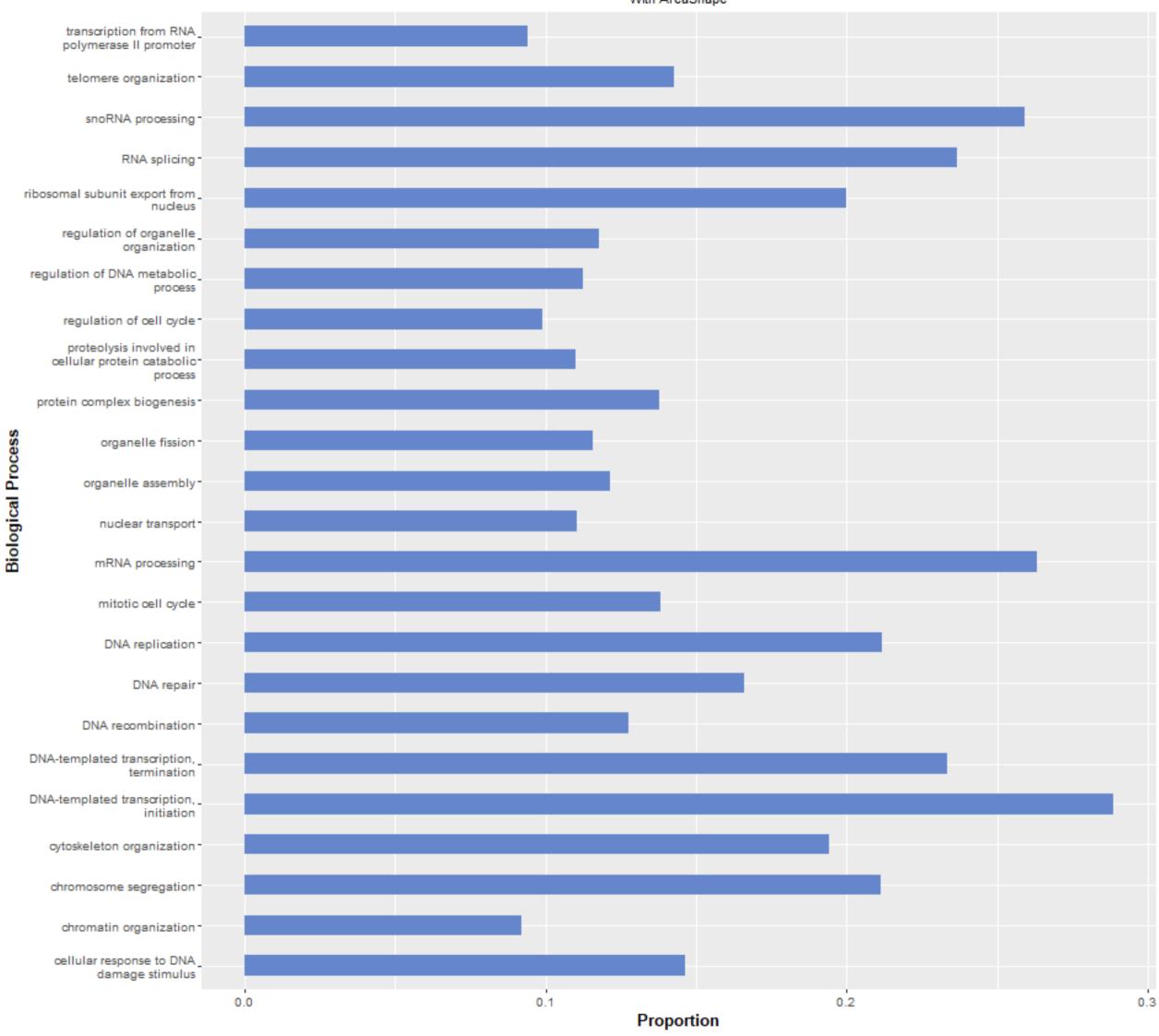
Pil1 (Normal 4 of 12) With AreaShape translational elongation transcription from RNA polymerase II promoter regulation of protein. modification process regulation of organelle\_ organization Biological Process protein acylation mitotic cell cycle cytoskeleton organization cytoplasmic translation conjugation chromatin organization 0.0 0.1 0.2 Proportion

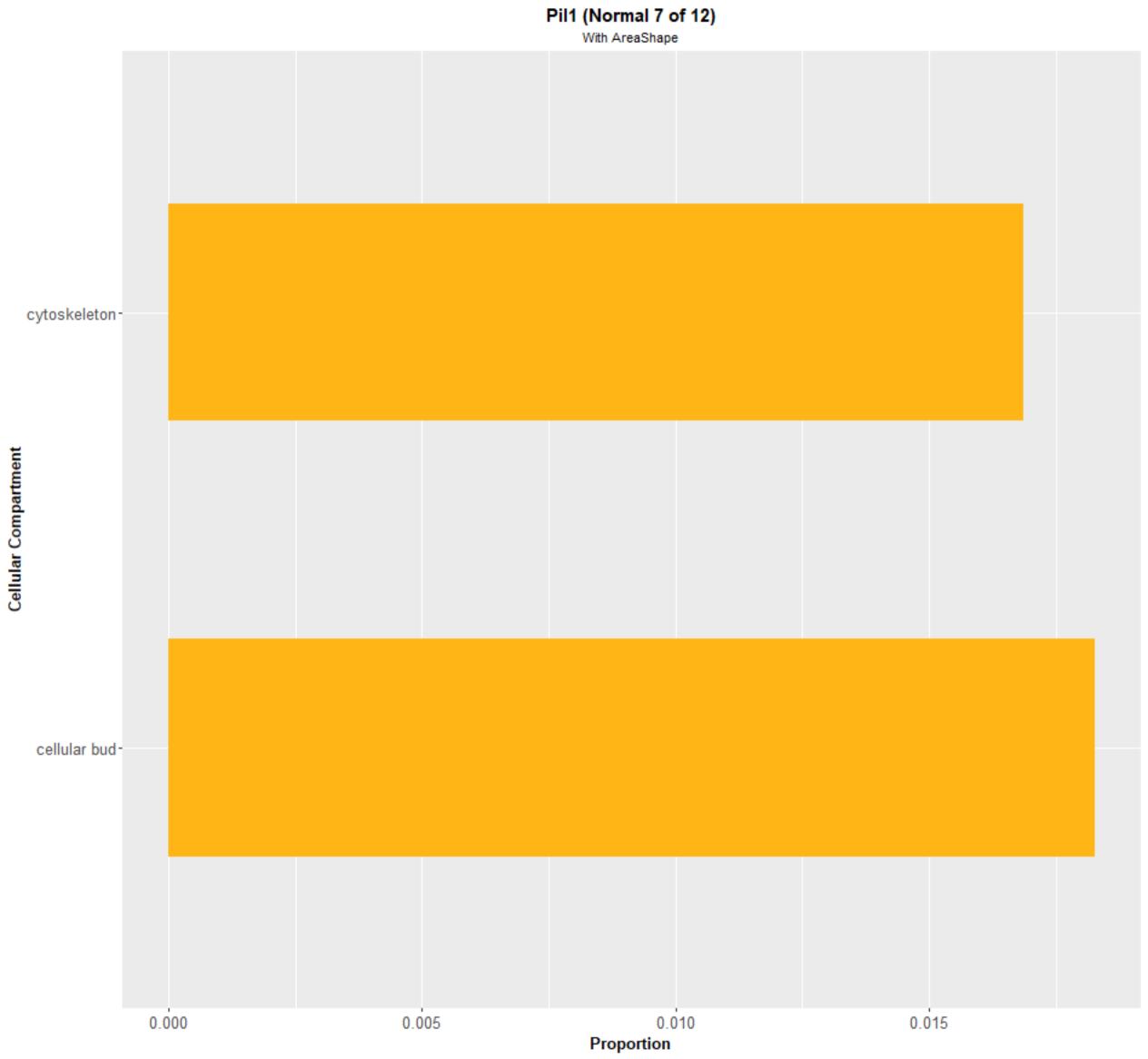


Pil1 (Normal 5 of 12) With AreaShape transcription from RNA polymerase II promoter telomere organization -RNA splicing regulation of protein\_ modification process regulation of organelle \_ organization regulation of DNA metabolic regulation of cell cycle proteolysis involved in cellular protein catabolicprocess protein modification by small\_ protein conjugation or removal protein complex biogenesis **Biological Process** peptidyl-amino acid\_ modification organelle fission organelle assembly nuclear transport 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 0.0 0.1 0.2 0.3 Proportion

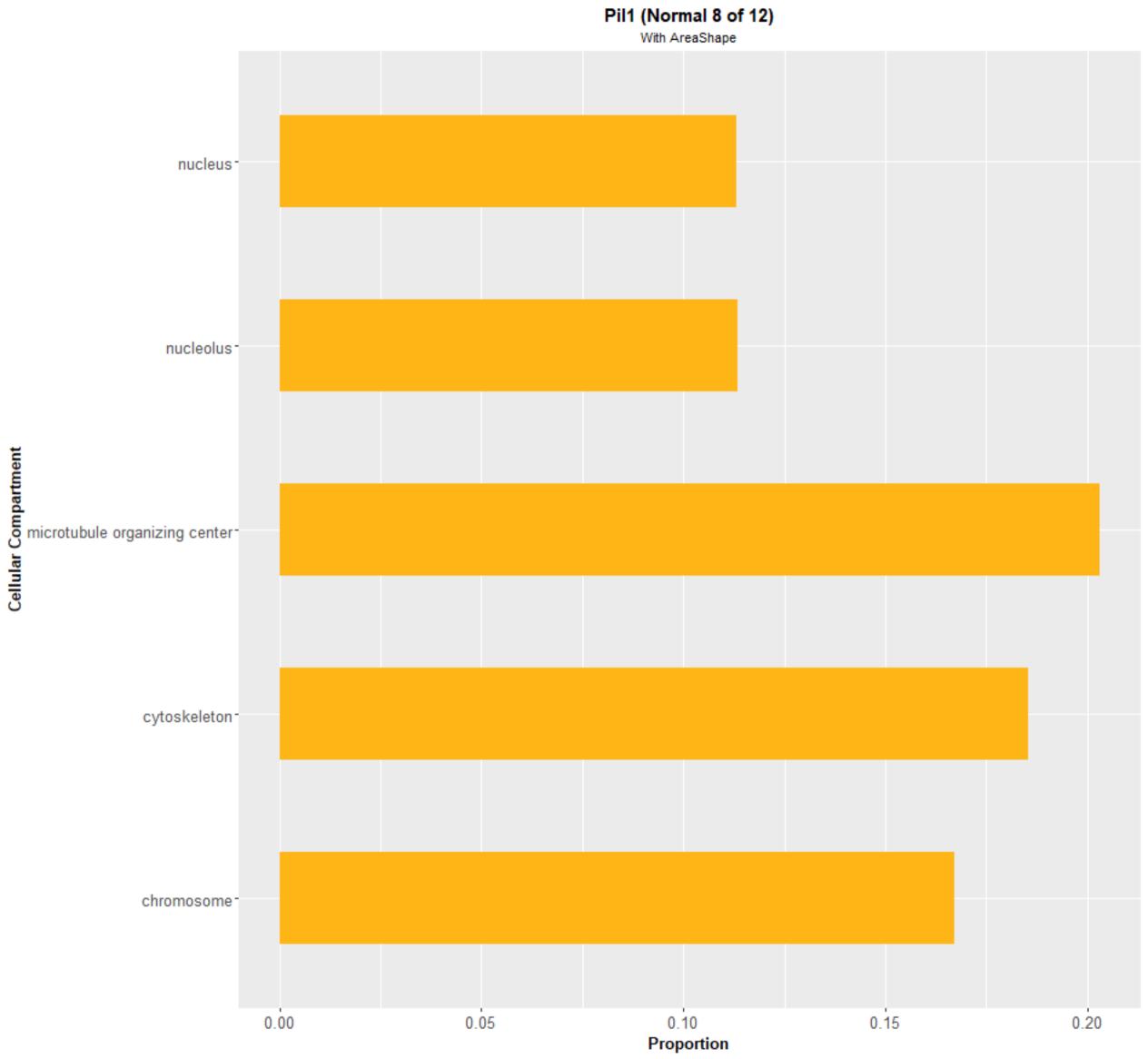


Pil1 (Normal 6 of 12) With AreaShape transcription from RNA polymerase II promoter telomere organization snoRNA processing -RNA splicing ribosomal subunit export from nucleus regulation of organelle organization regulation of DNA metabolic\_ process regulation of cell cycle proteolysis involved in cellular protein catabolicprocess protein complex biogenesis organelle fission organelle assembly nuclear transport mRNA processing mitotic cell cycle -DNA replication -DNA repair DNA recombination -DNA-templated transcription, termination DNA-templated transcription, initiation

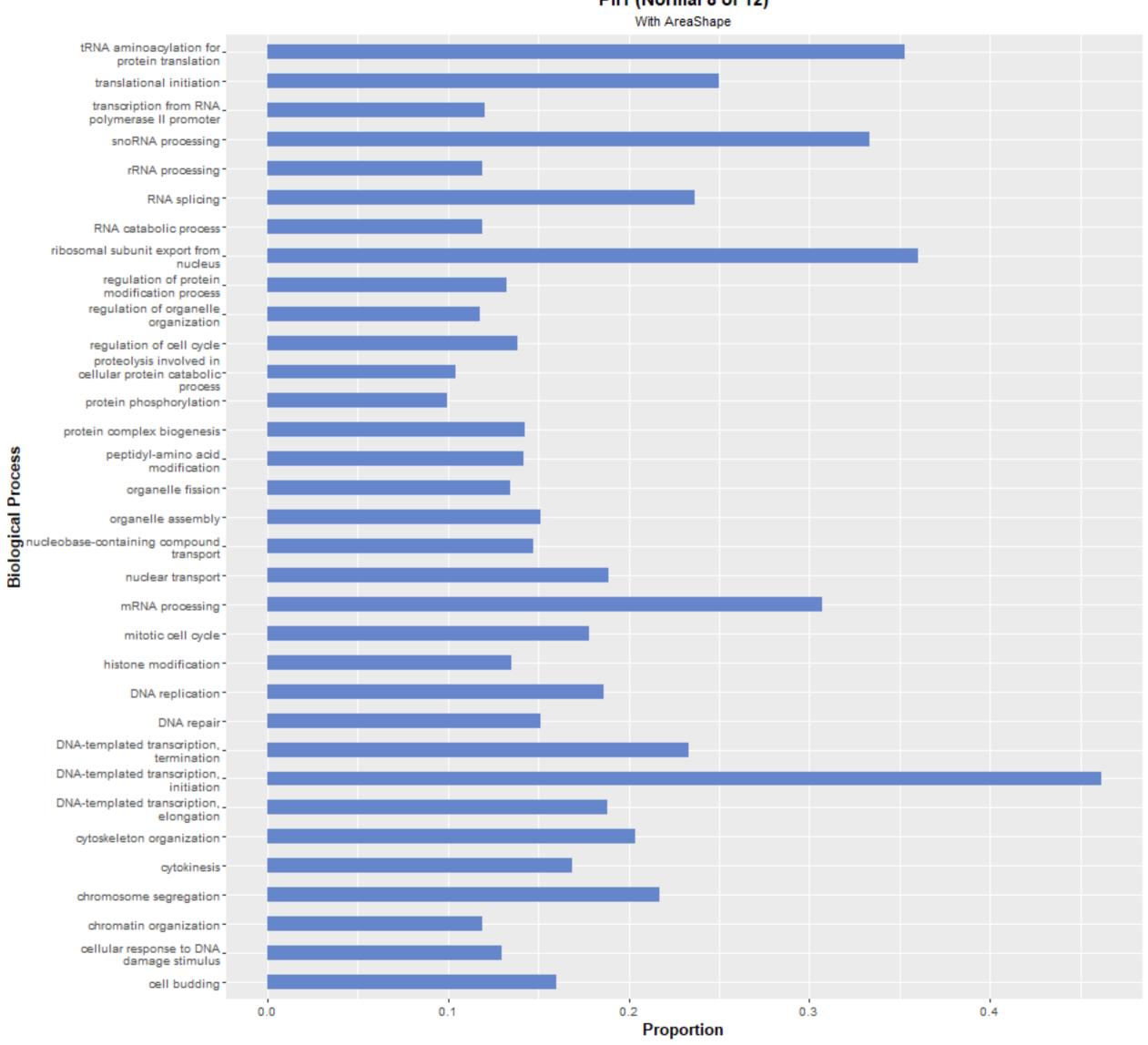


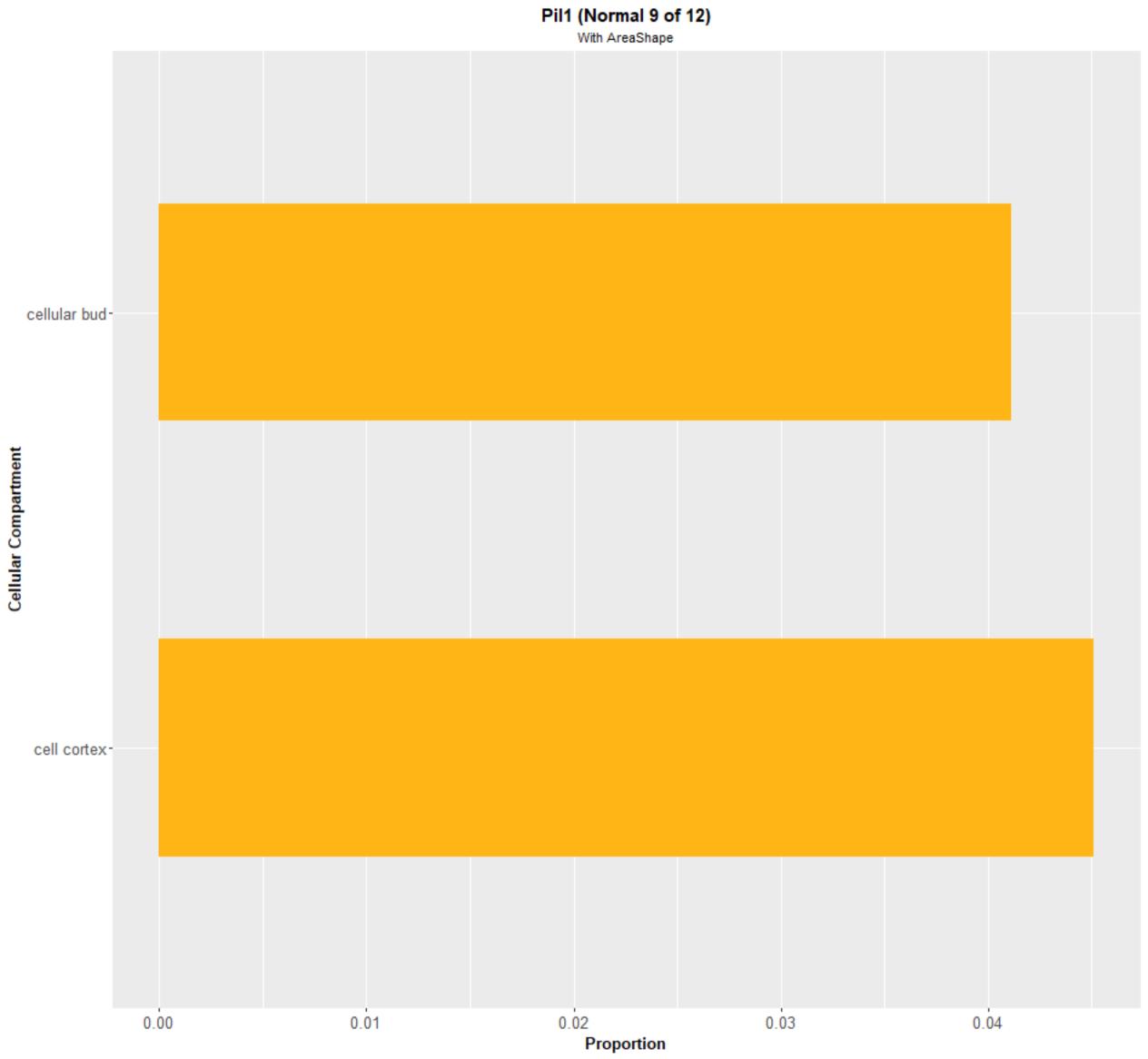


Pil1 (Normal 7 of 12) With AreaShape membrane fusion exocytosis -Biological Process endocytosis cytoskeleton organization cell budding -0.02 0.00 0.01 0.03 0.04 Proportion

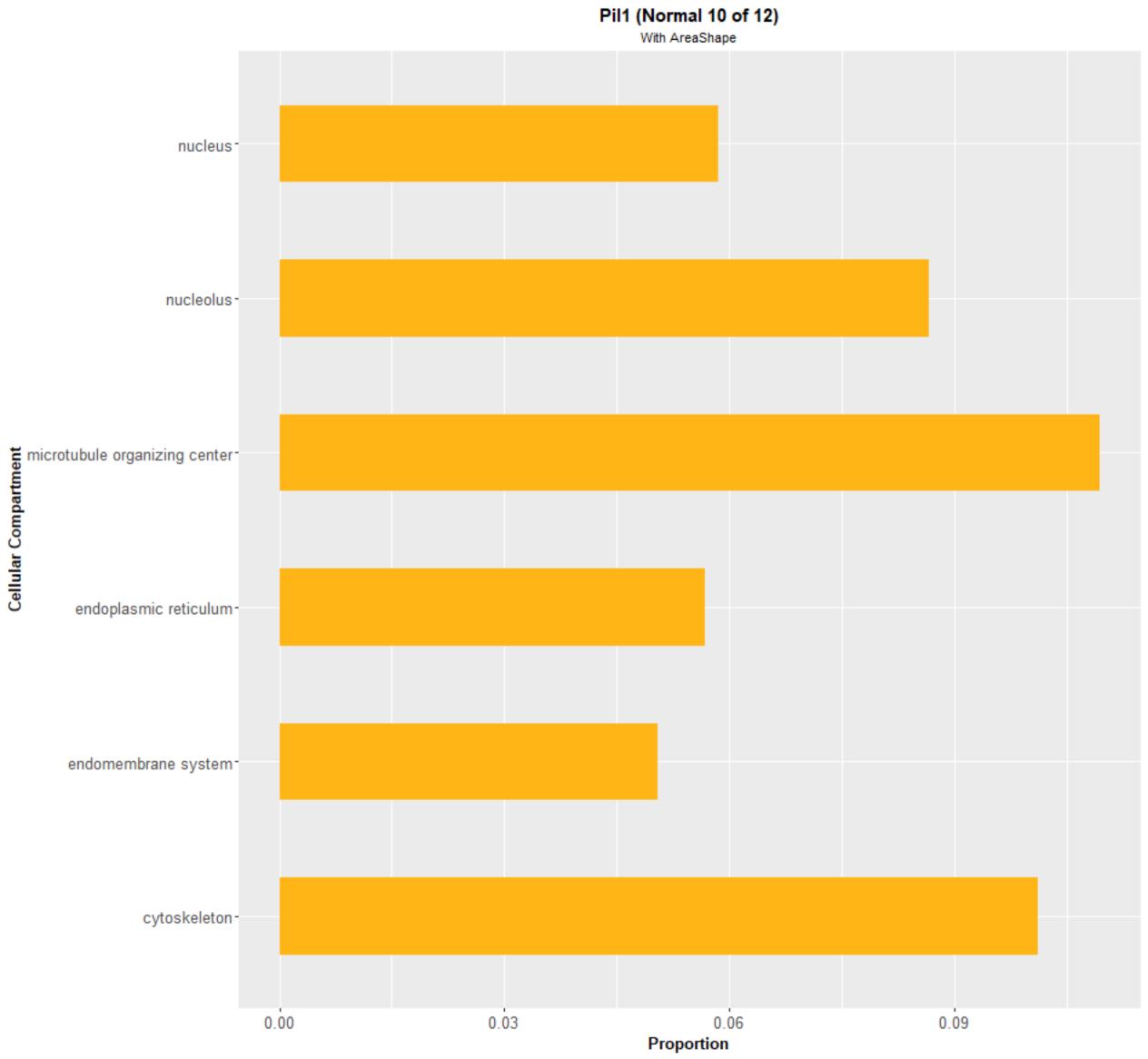


Pil1 (Normal 8 of 12)

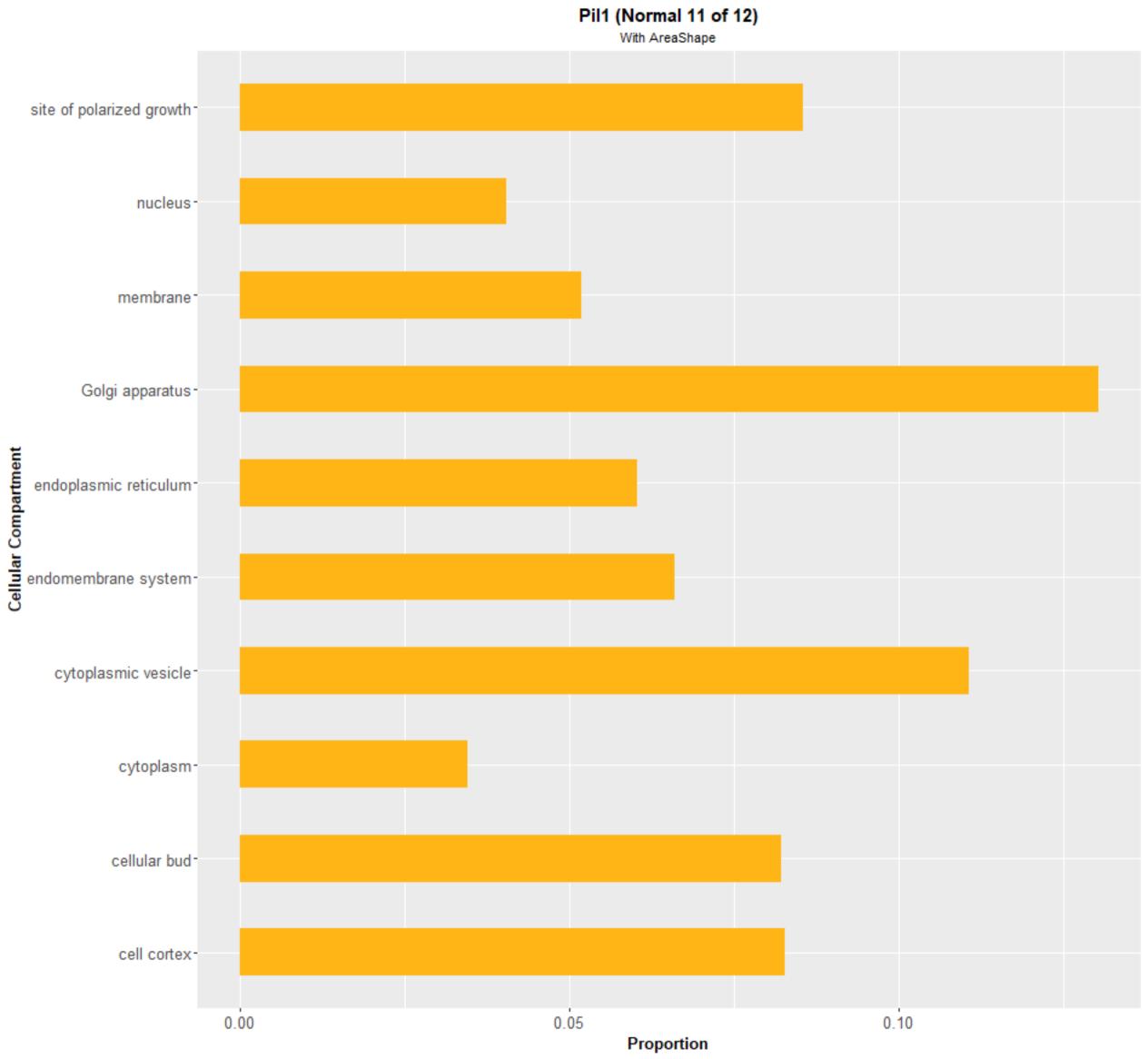




Pil1 (Normal 9 of 12) With AreaShape protein acylation -Biological Process cytokinesis cell budding -0.000 0.025 0.050 0.075 Proportion



Pil1 (Normal 10 of 12) With AreaShape transcription from RNA polymerase II promoter snoRNA processing rRNA processing -RNA splicing ribosomal subunit export from nucleus ribosomal large subunit\_ biogenesis protein lipidation nucleus organization -**Biological Process** nuclear transport mRNA processing mitotic cell cycle lipid metabolic process DNA replication -DNA-templated transcription, termination DNA-templated transcription, initiation cytoskeleton organization cytokinesis cell budding -0.00 0.05 0.10 0.15 0.20 Proportion



Pil1 (Normal 11 of 12) With AreaShape vesicle organization vacuole organization -RNA splicing regulation of transport protein lipidation protein complex biogenesis Biological Process organelle fusion mRNA processing membrane fusion lipid metabolic process Golgi vesicle transport exocytosis -DNA-templated transcription, initiation 0.0 0.1 0.2 0.3 Proportion