

carbohydrate metabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 9/44

0

1

2

3

Functional Enrichment



carbohydrate metabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 12/42

0

1

2

3

Functional Enrichment



carbohydrate metabolic process

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/30

0

1

2

3

Functional Enrichment



cell budding

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 30/44

0

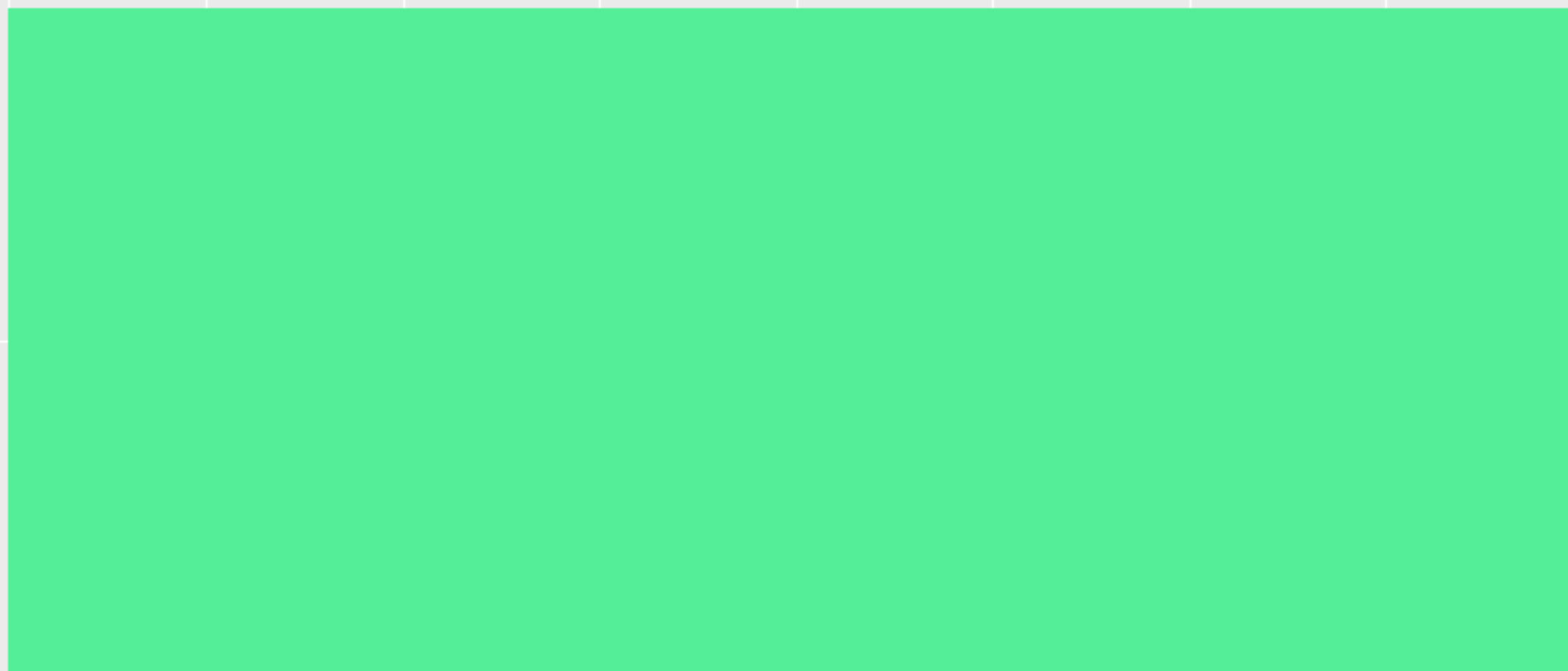
5

10

15

20

Functional Enrichment



cell budding

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 28/42

0

5

10

15

20

Functional Enrichment



cell budding

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 23/30

0

2

4

6

Functional Enrichment



cell wall organization or biogenesis

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 2/30

0

2

4

6

Functional Enrichment



cellular amino acid metabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/44

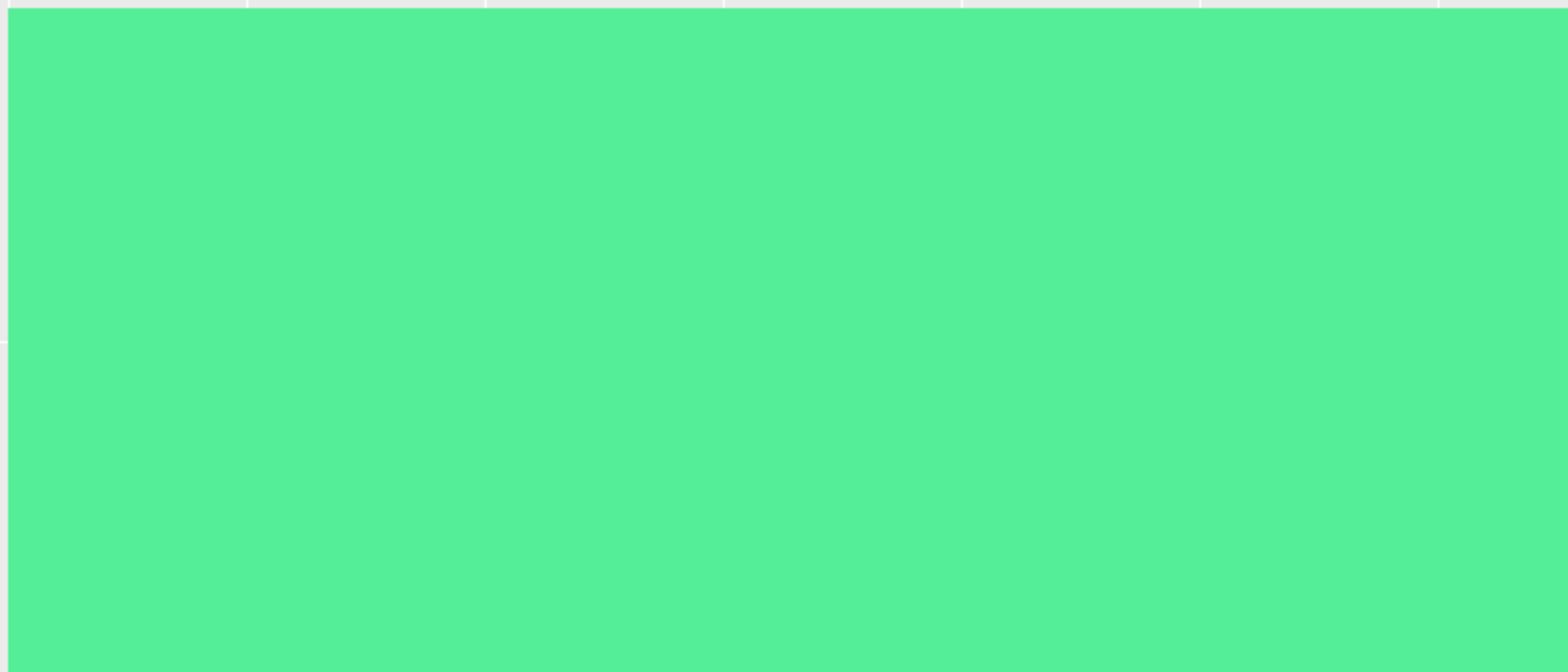
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1

2

3

Functional Enrichment



cellular amino acid metabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

0

1

2

3

Functional Enrichment



cellular amino acid metabolic process

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 15/30

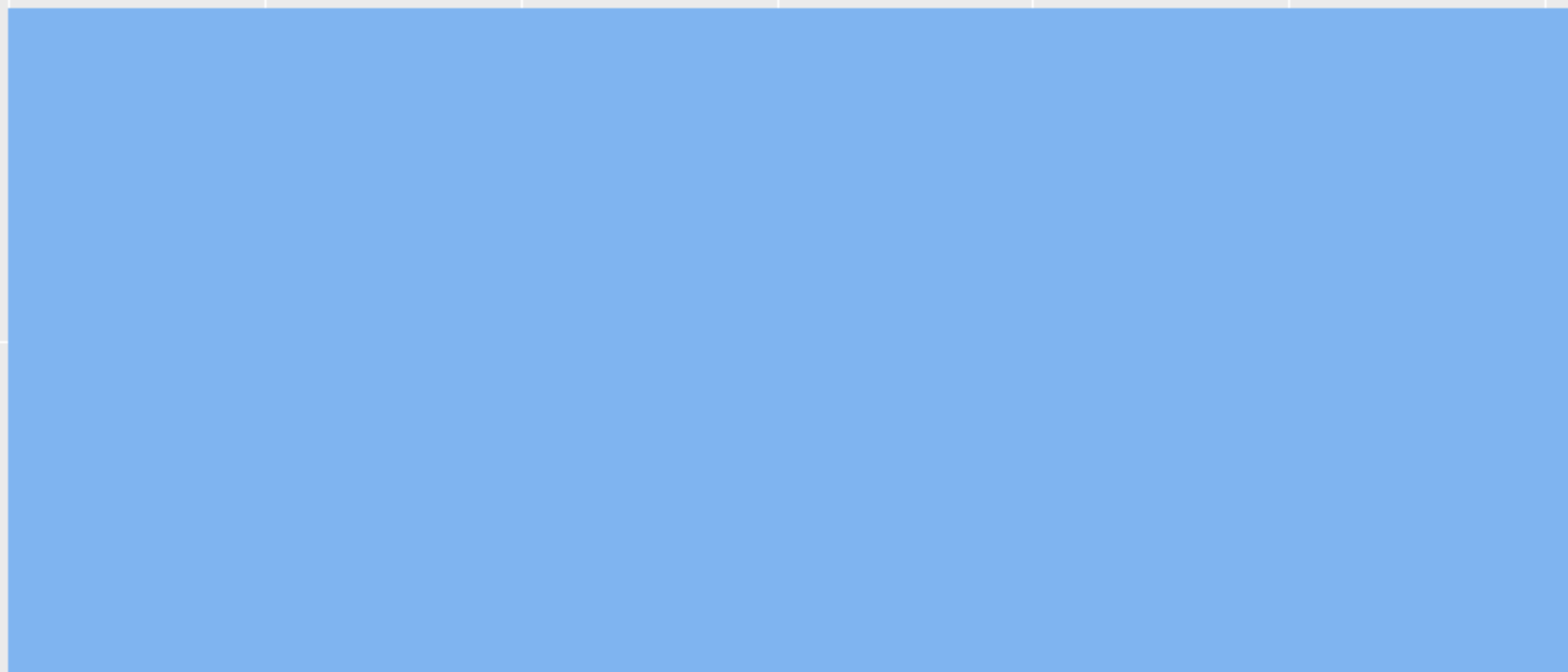
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1

2

3

Functional Enrichment



cellular response to DNA damage stimulus

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

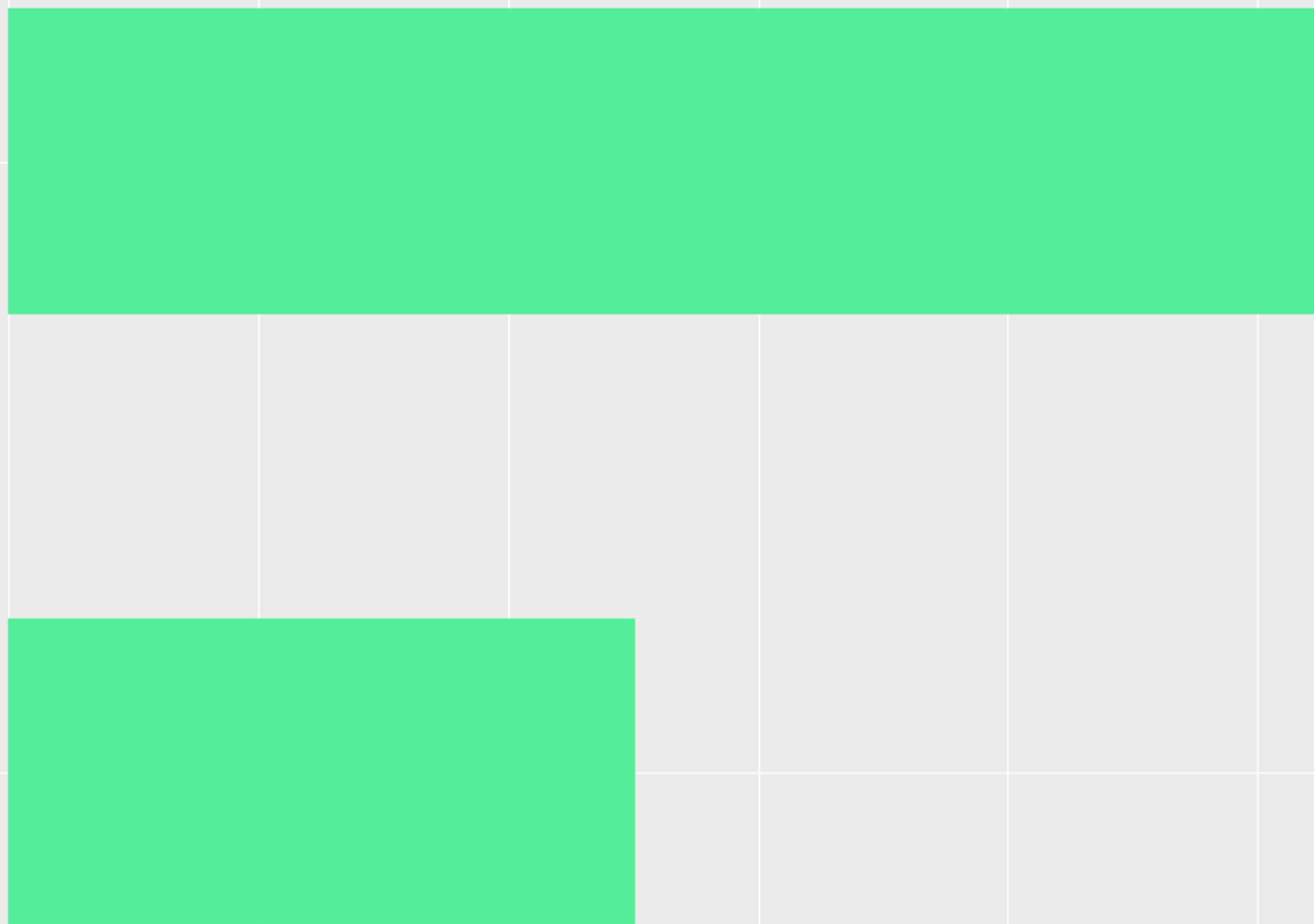
Cluster 1/44

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5

10

Functional Enrichment



cellular response to DNA damage stimulus

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

2

4

6

Functional Enrichment



cellular response to DNA damage stimulus

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

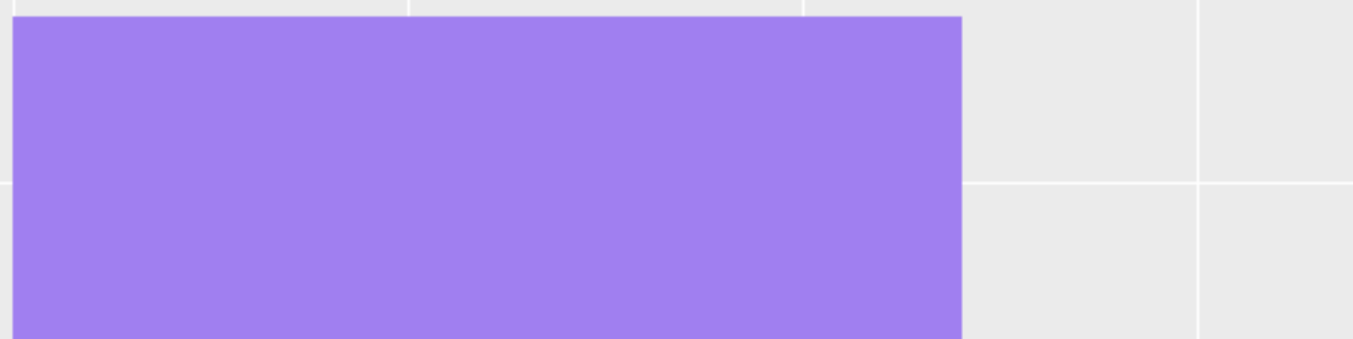
Cluster 8/42

0

5

10

Functional Enrichment



cellular response to DNA damage stimulus

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0

3

6

9

Functional Enrichment



chromatin organization

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

Cluster 33/44

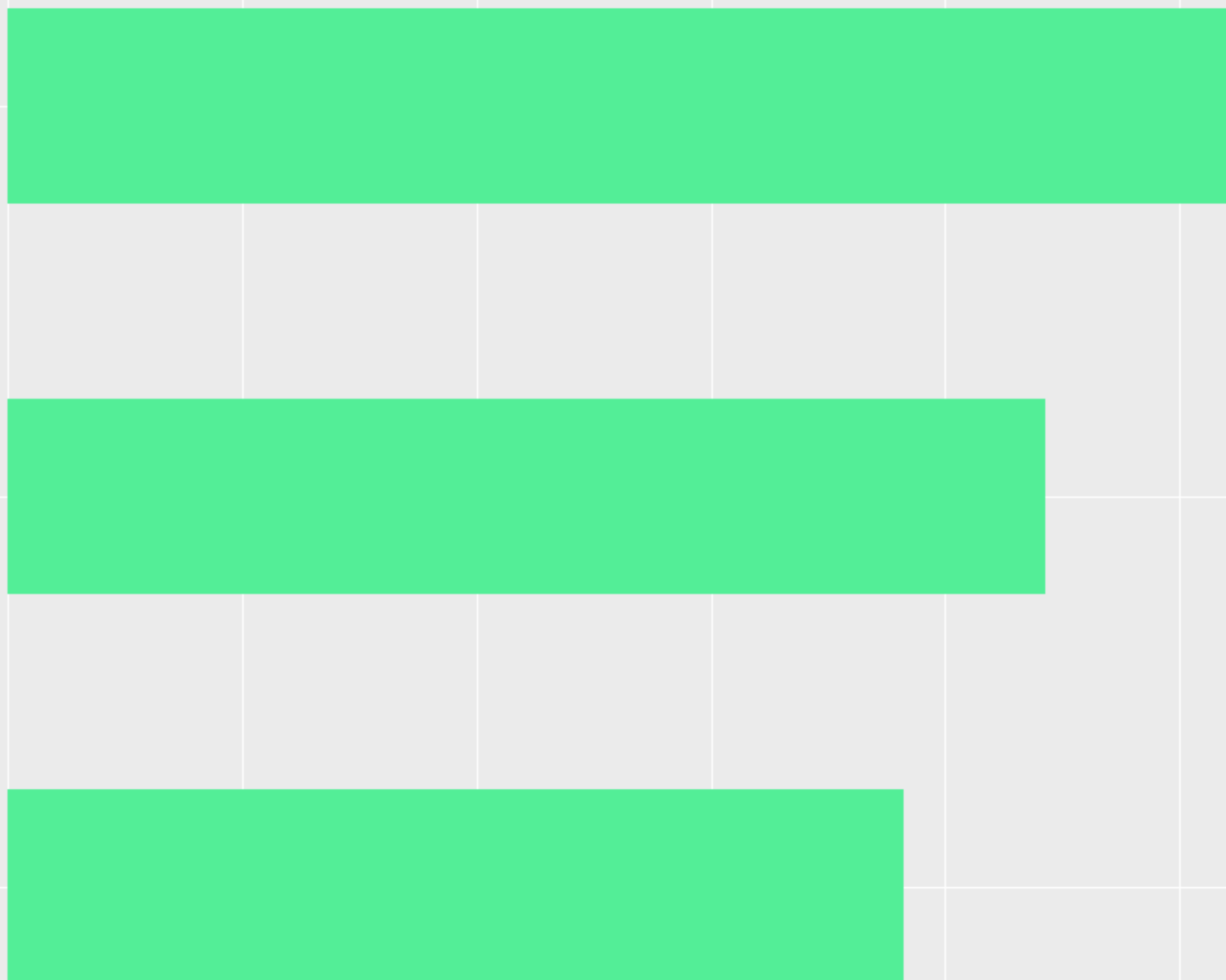
Cluster 24/44

0

1

2

Functional Enrichment



chromatin organization

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

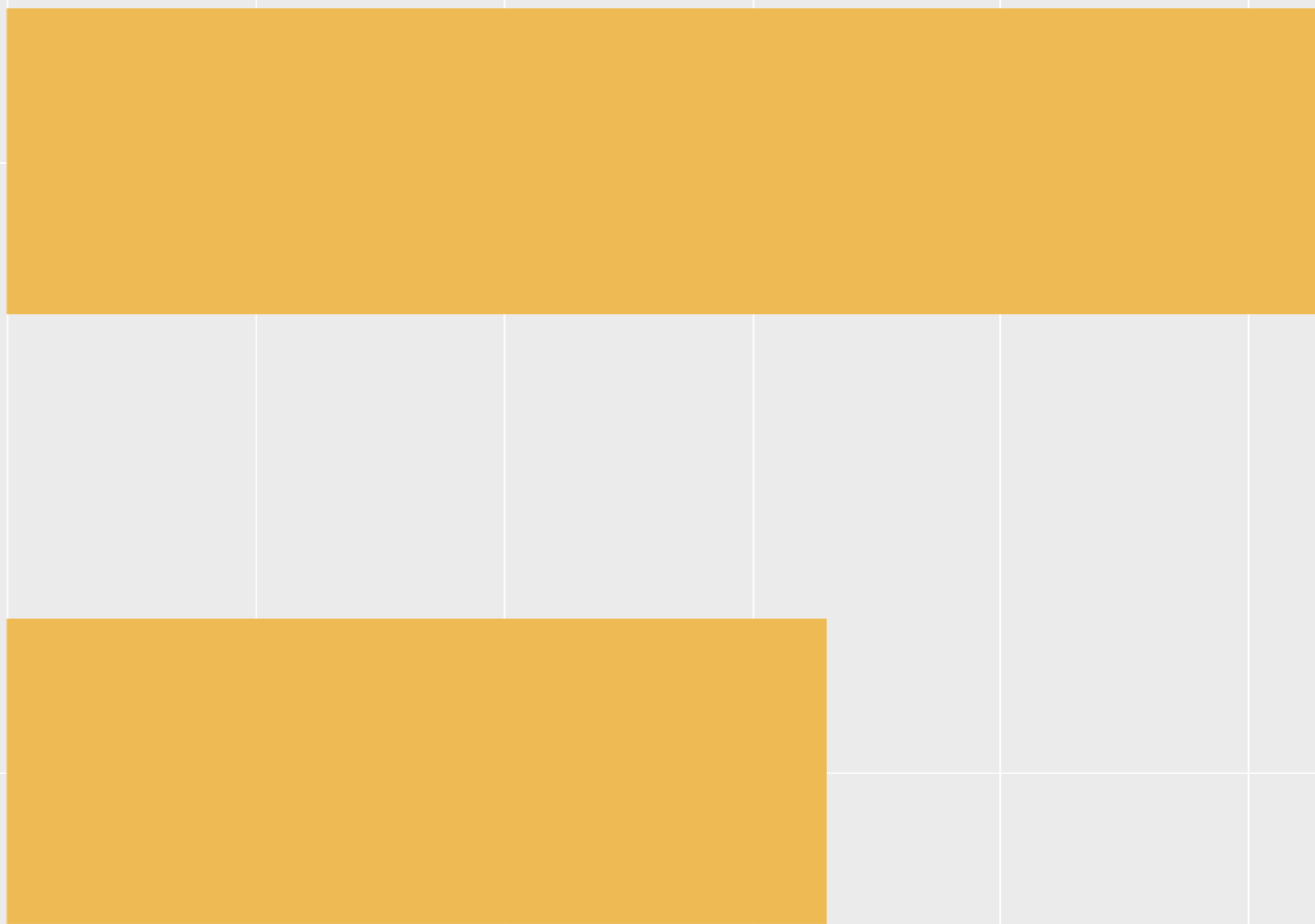
Cluster 21/22

0

1

2

Functional Enrichment



chromatin organization

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 7/42

Cluster 6/42

Cluster 31/42

Cluster 22/42

0

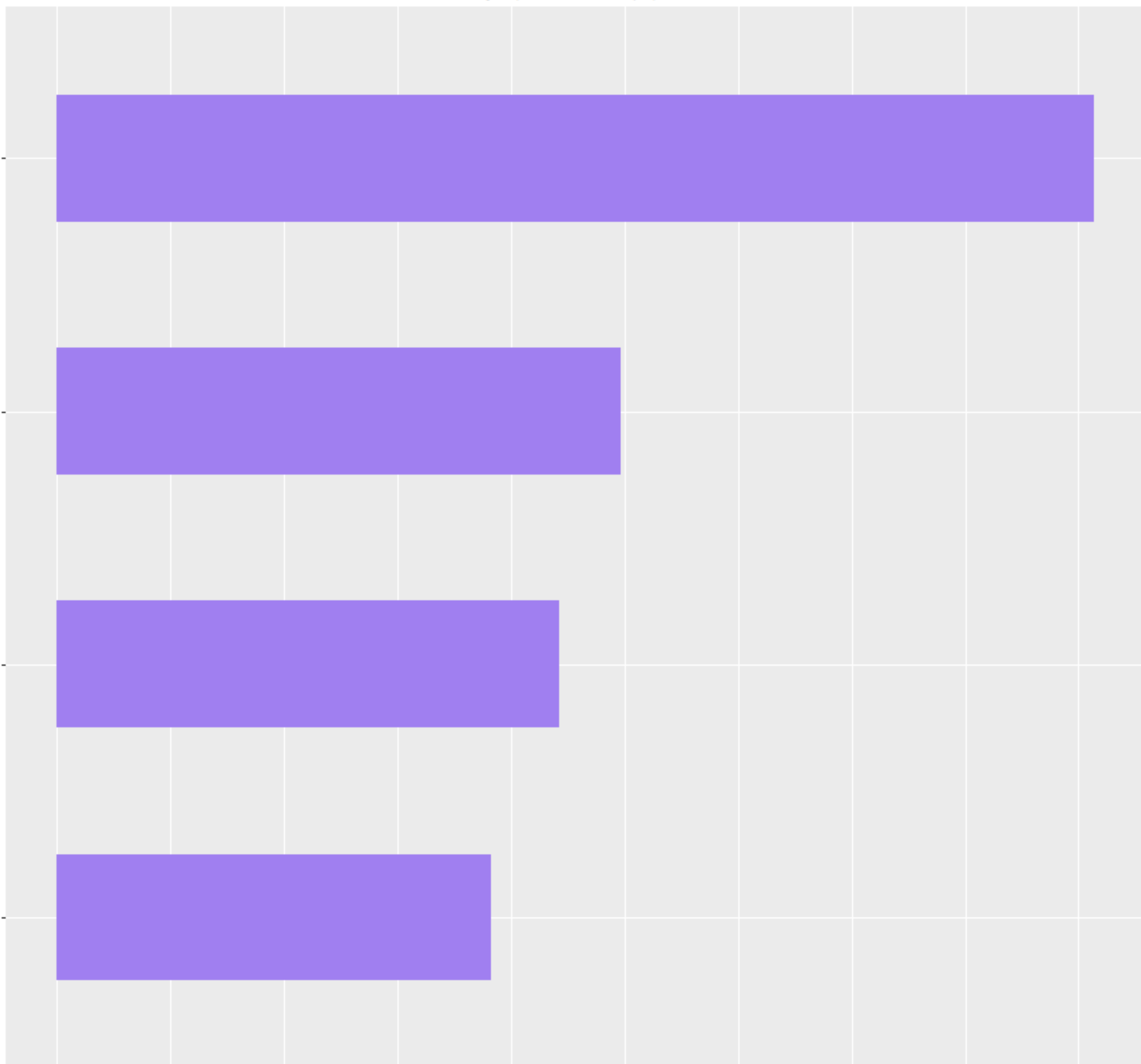
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2

3

4

Functional Enrichment



chromatin organization

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

Cluster 19/30

0.0

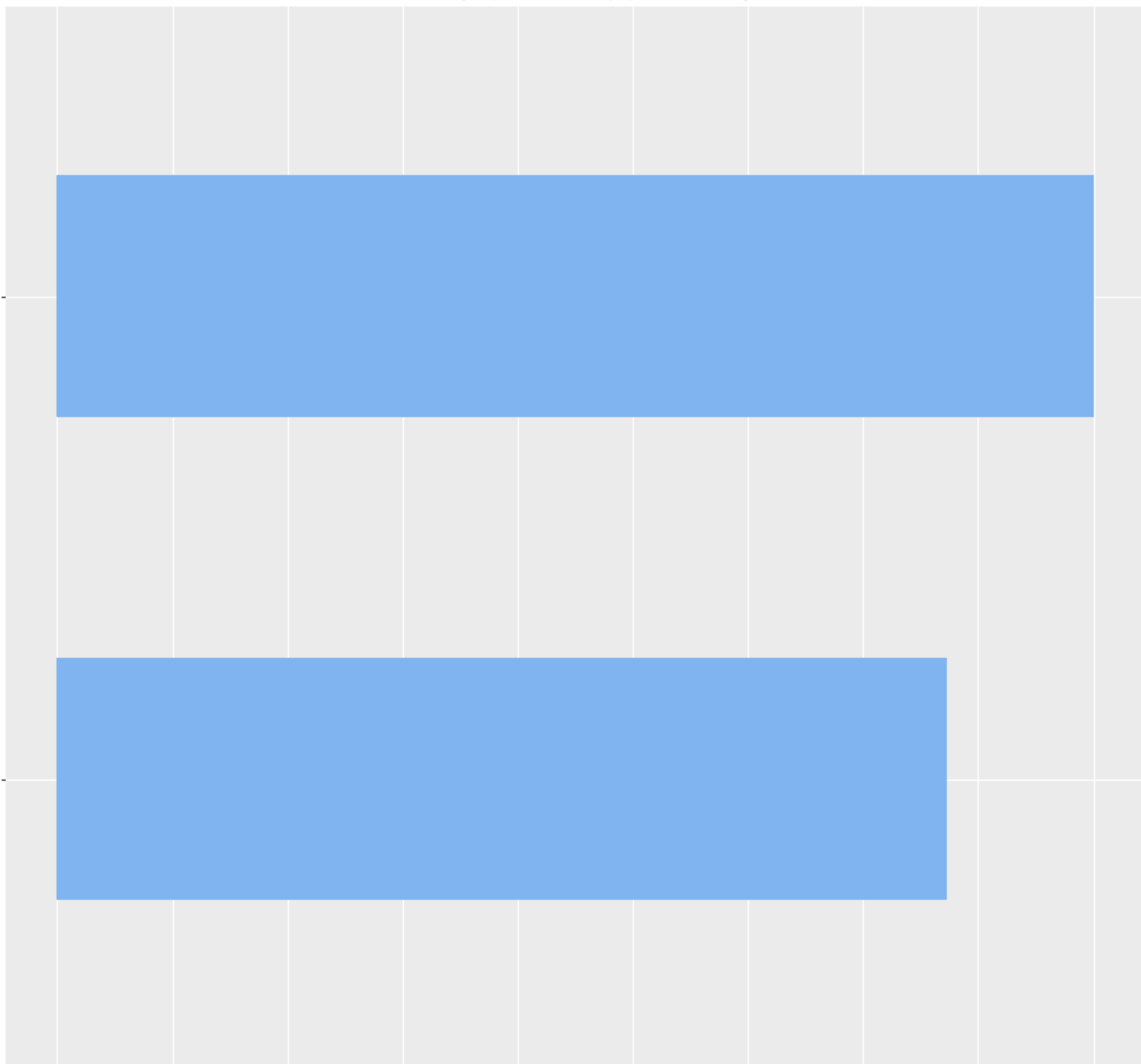
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1.0

1.5

2.0

Functional Enrichment



chromosome segregation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

Cluster 35/44

Cluster 11/44

0

5

10

Functional Enrichment



chromosome segregation

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

5

10

Functional Enrichment



chromosome segregation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 6/42

Cluster 33/42

Cluster 7/42

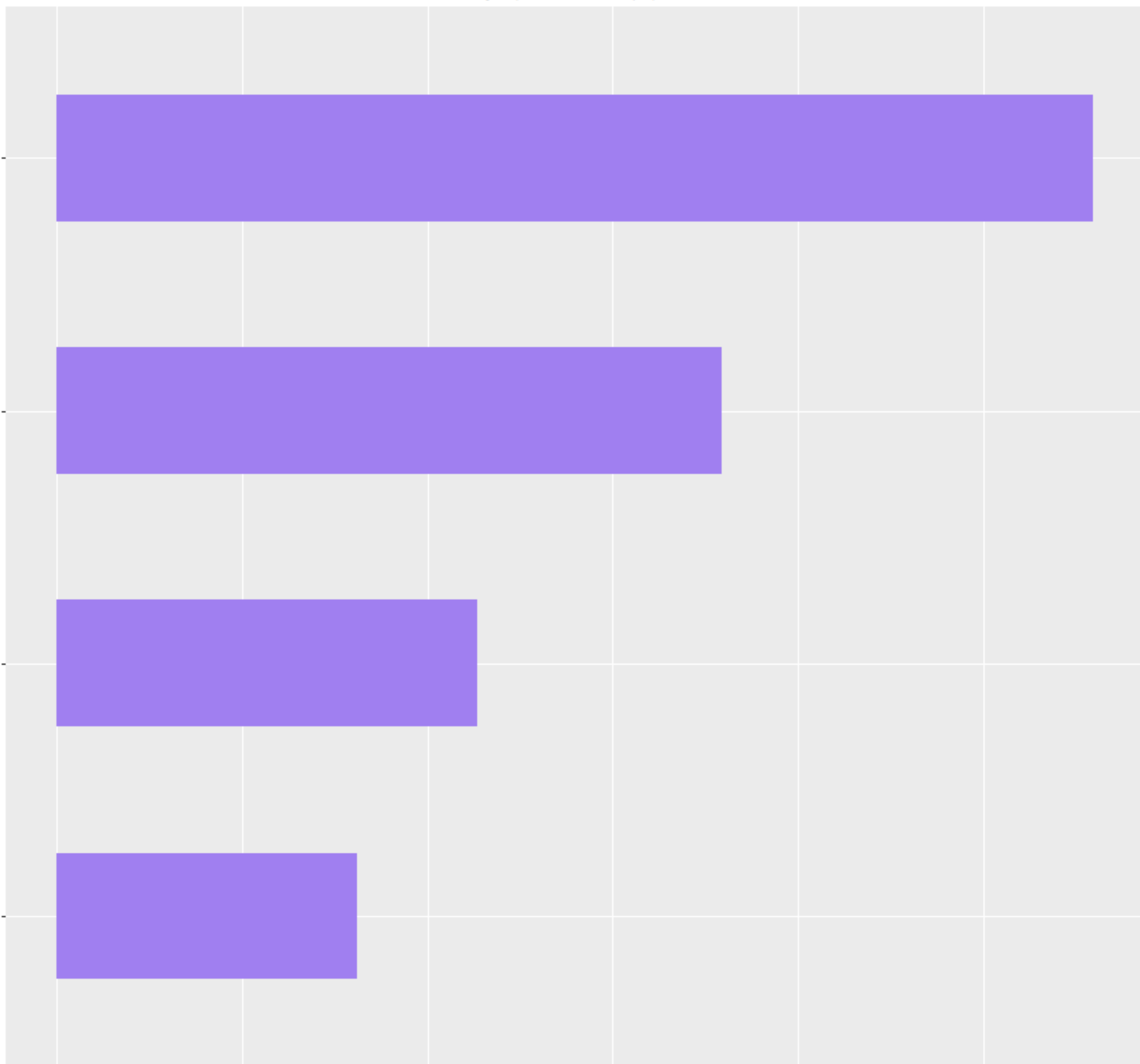
Cluster 14/42

0

5

10

Functional Enrichment



chromosome segregation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0

3

6

9

12

Functional Enrichment



cofactor metabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 9/44

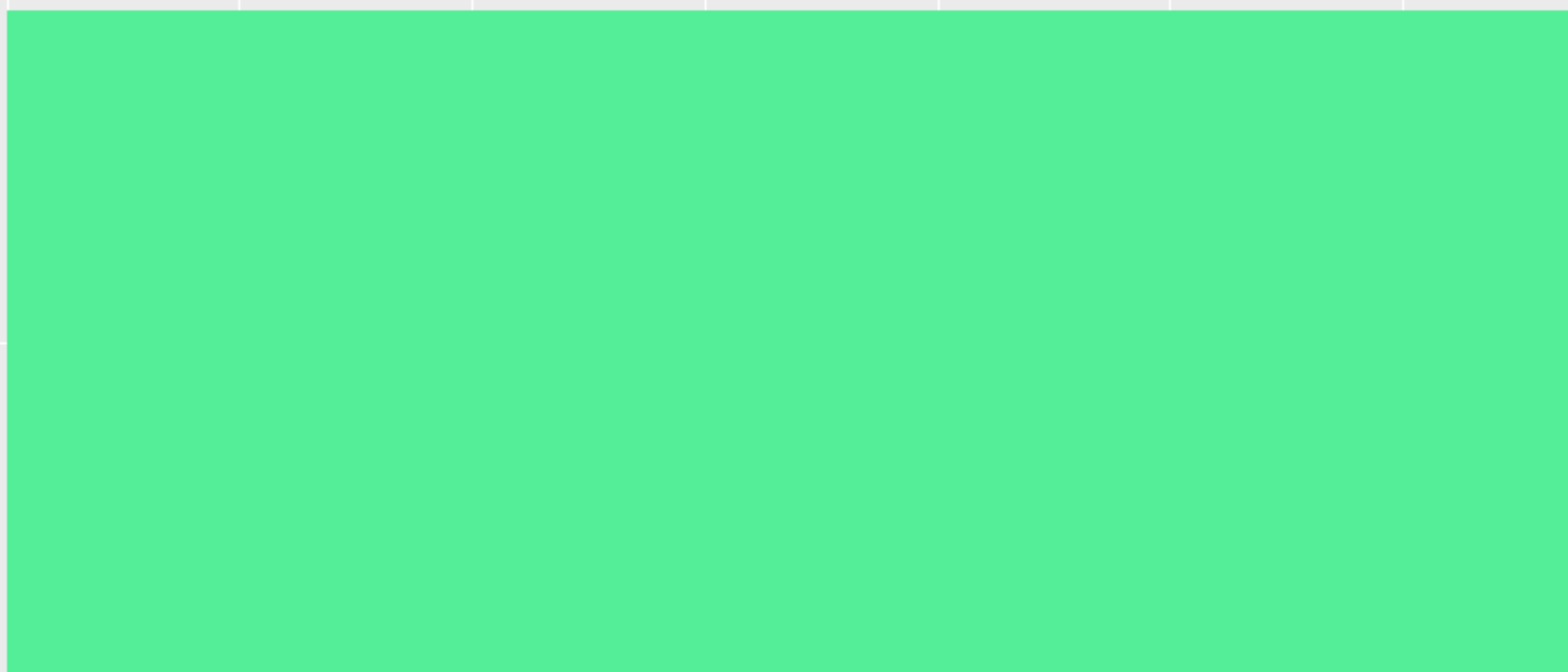
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4

6

Functional Enrichment



cofactor metabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 12/42

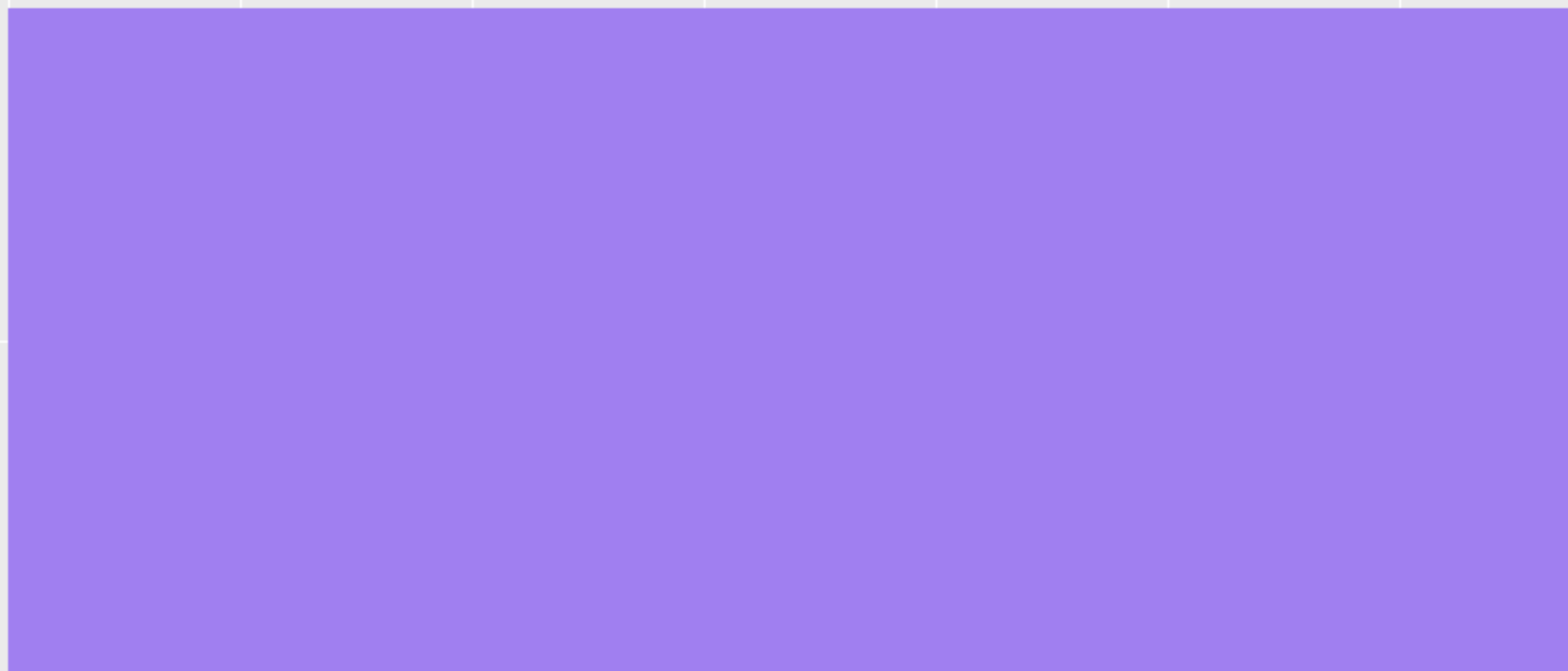
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2

4

6

Functional Enrichment



cofactor metabolic process

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/30

0

2

4

6

Functional Enrichment



cytokinesis

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 30/44

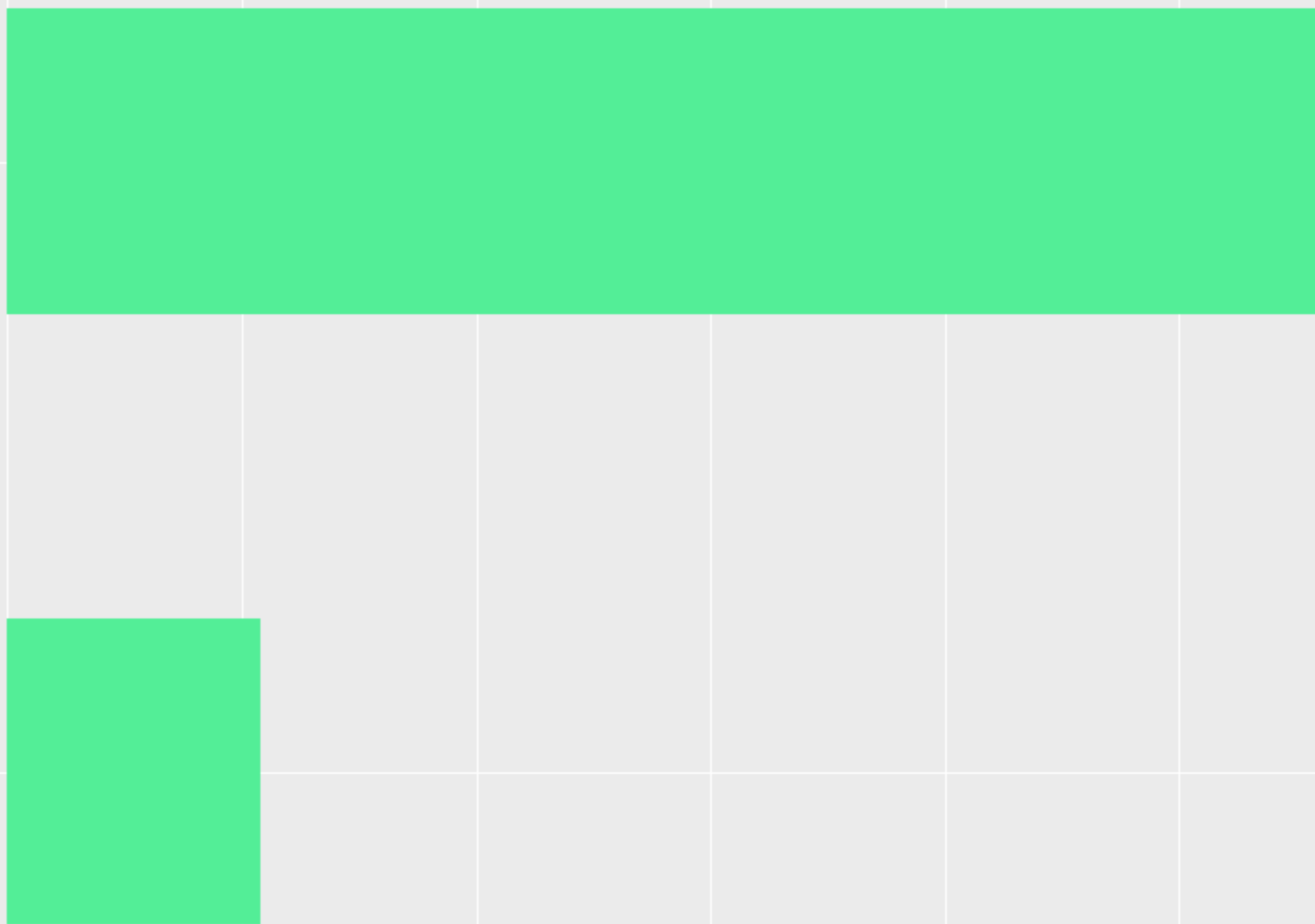
Cluster 3/44

0

5

10

Functional Enrichment



cytokinesis

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

Functional Enrichment



cytokinesis

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 28/42

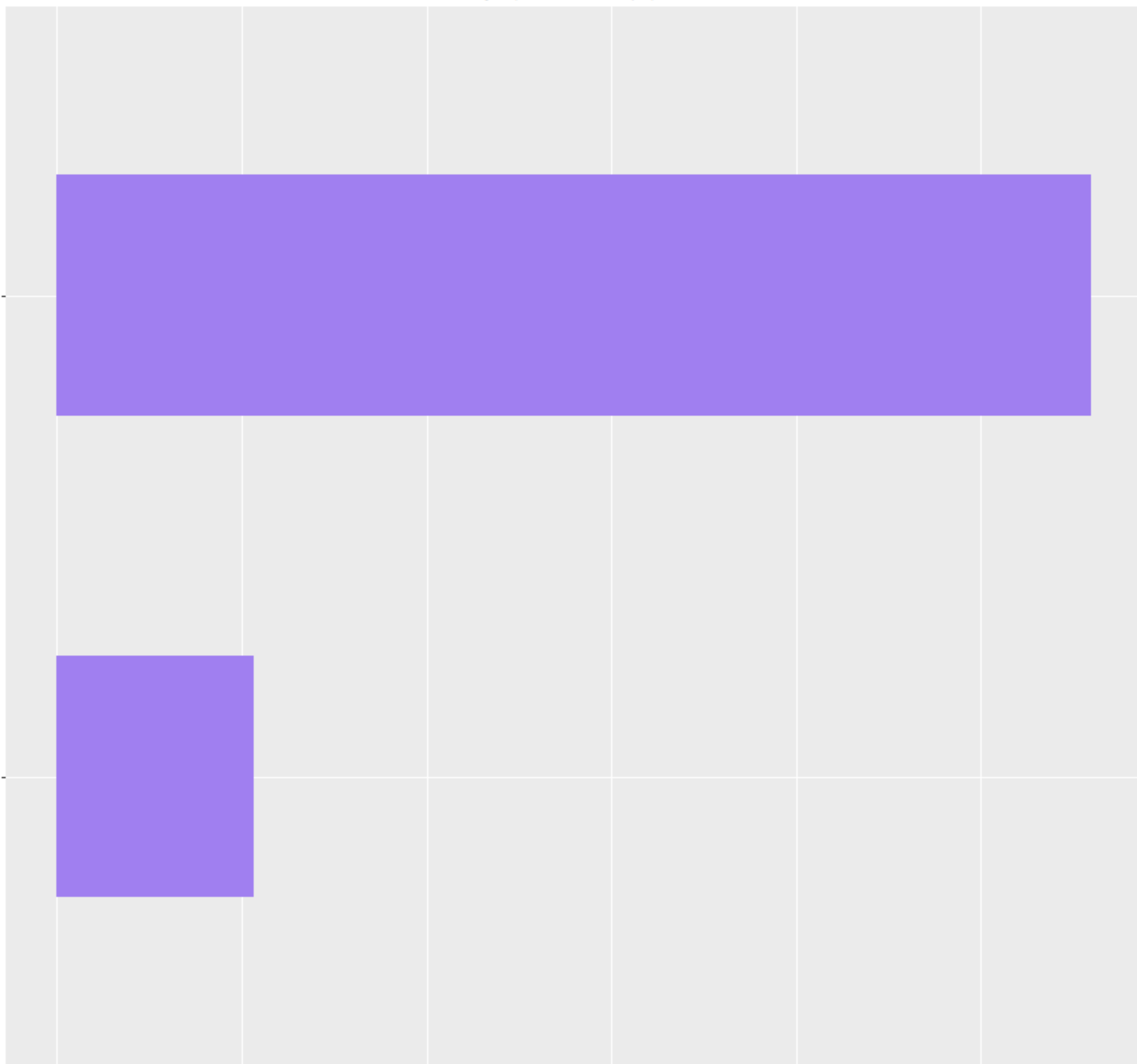
Cluster 8/42

0

5

10

Functional Enrichment



cytokinesis

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 25/30

0

2

4

6

8

Functional Enrichment



cytoplasmic translation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 28/44

Cluster 33/44

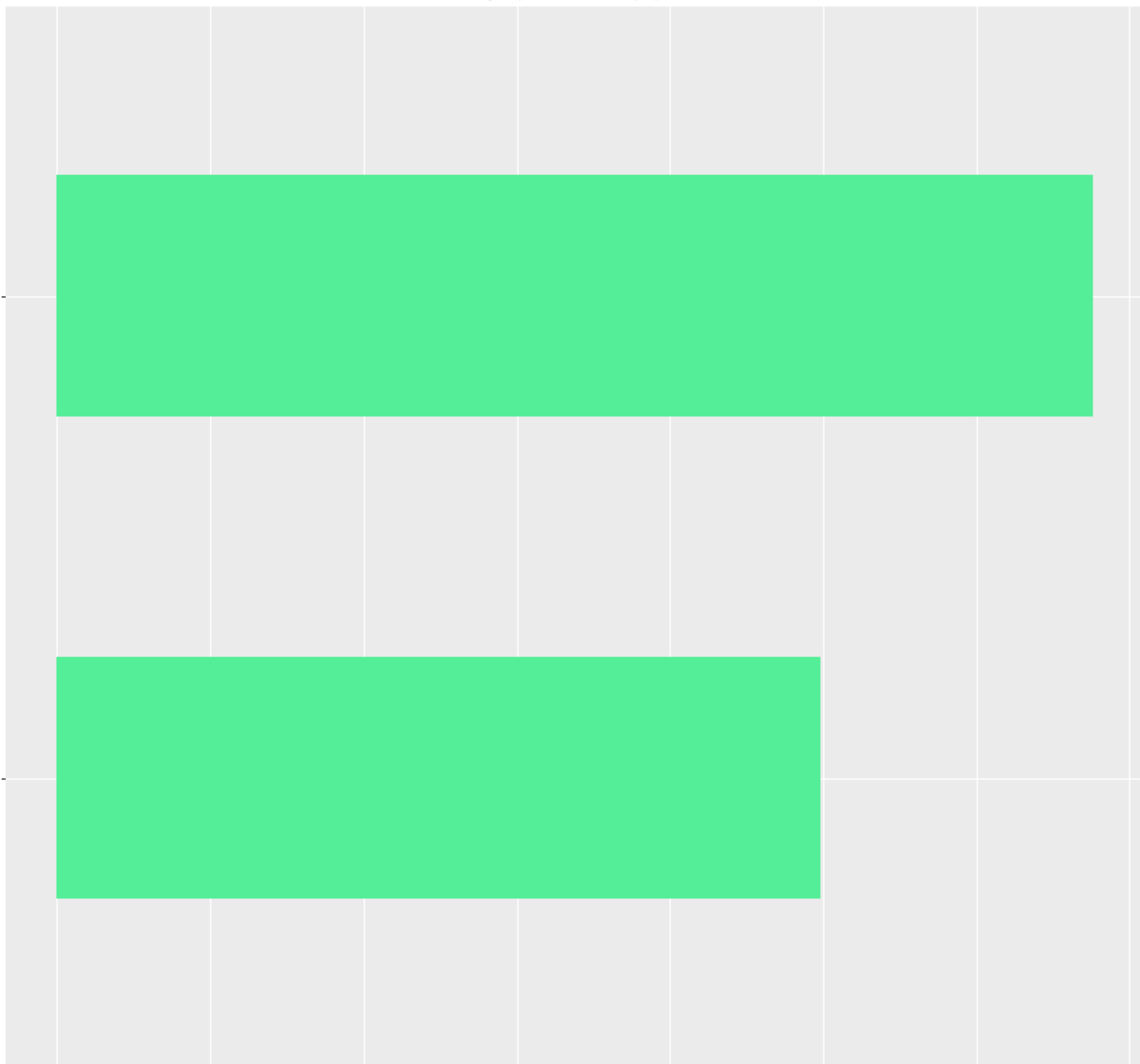
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1

2

3

Functional Enrichment



cytoplasmic translation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 31/42

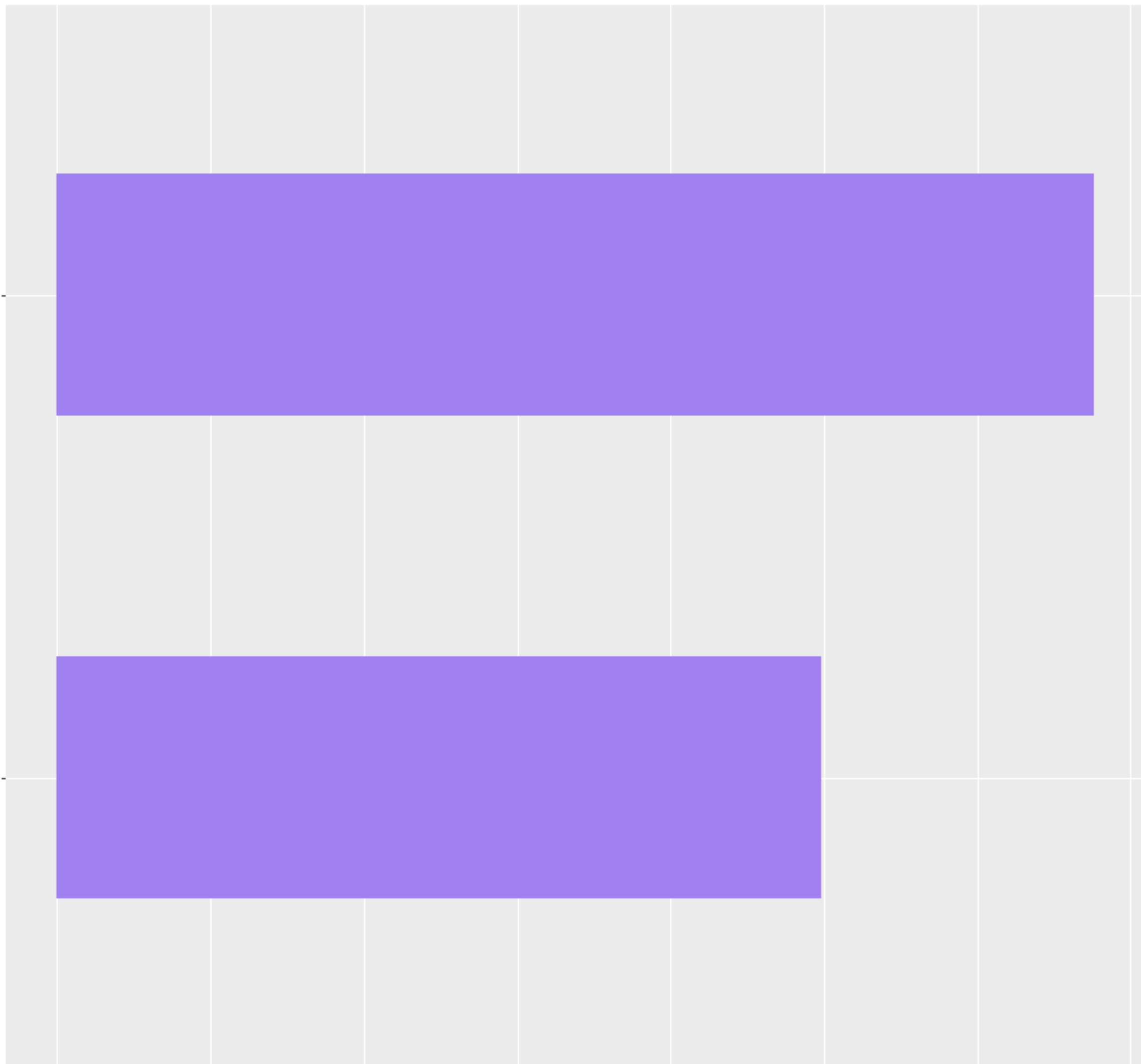
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1

2

3

Functional Enrichment



cytoplasmic translation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 16/30

Cluster 9/30

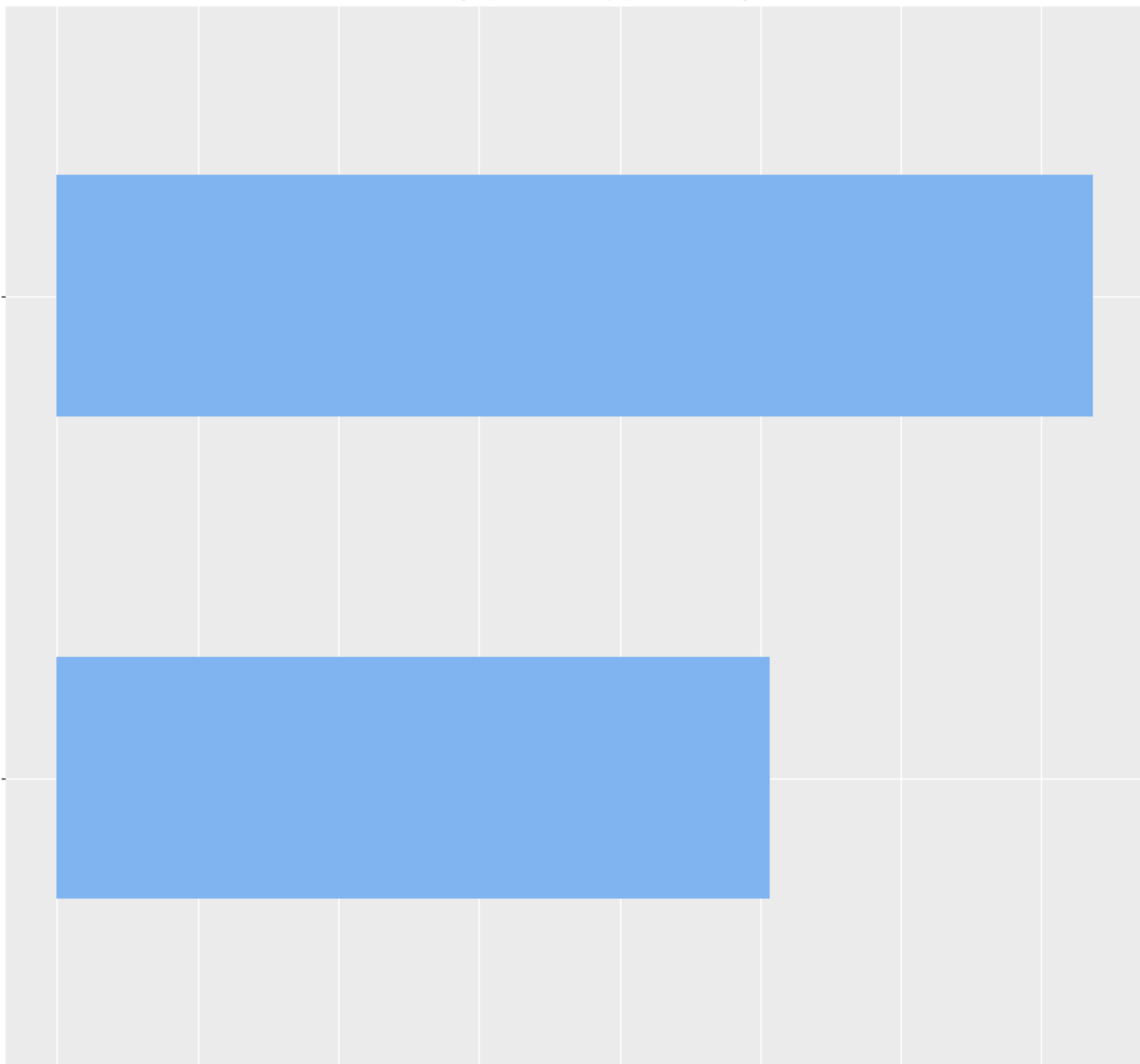
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1

2

3

Functional Enrichment



cytoskeleton organization

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

Cluster 30/44

Cluster 16/44

Cluster 3/44

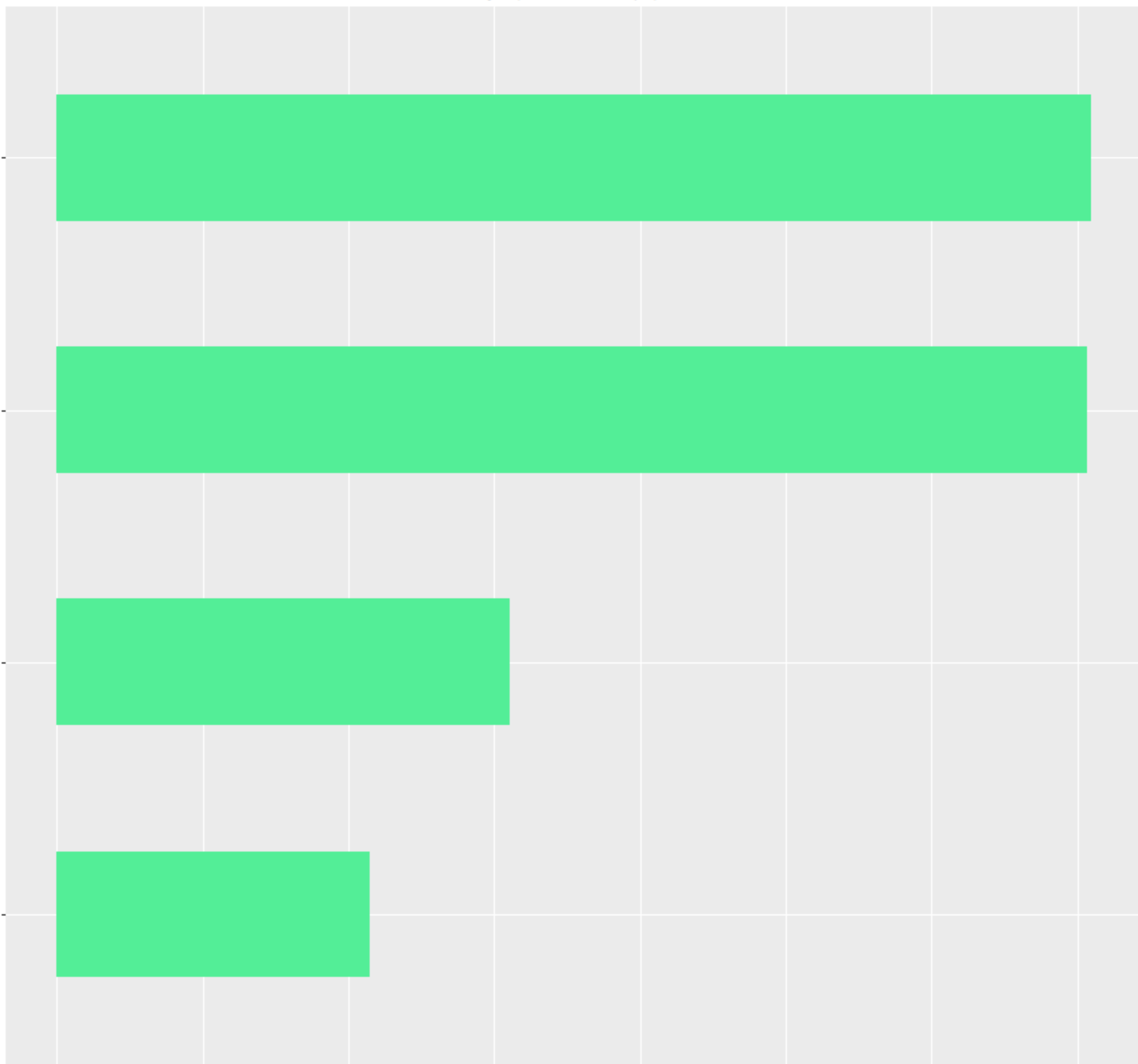
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2

4

6

Functional Enrichment



cytoskeleton organization

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

Cluster 18/22

Cluster 21/22

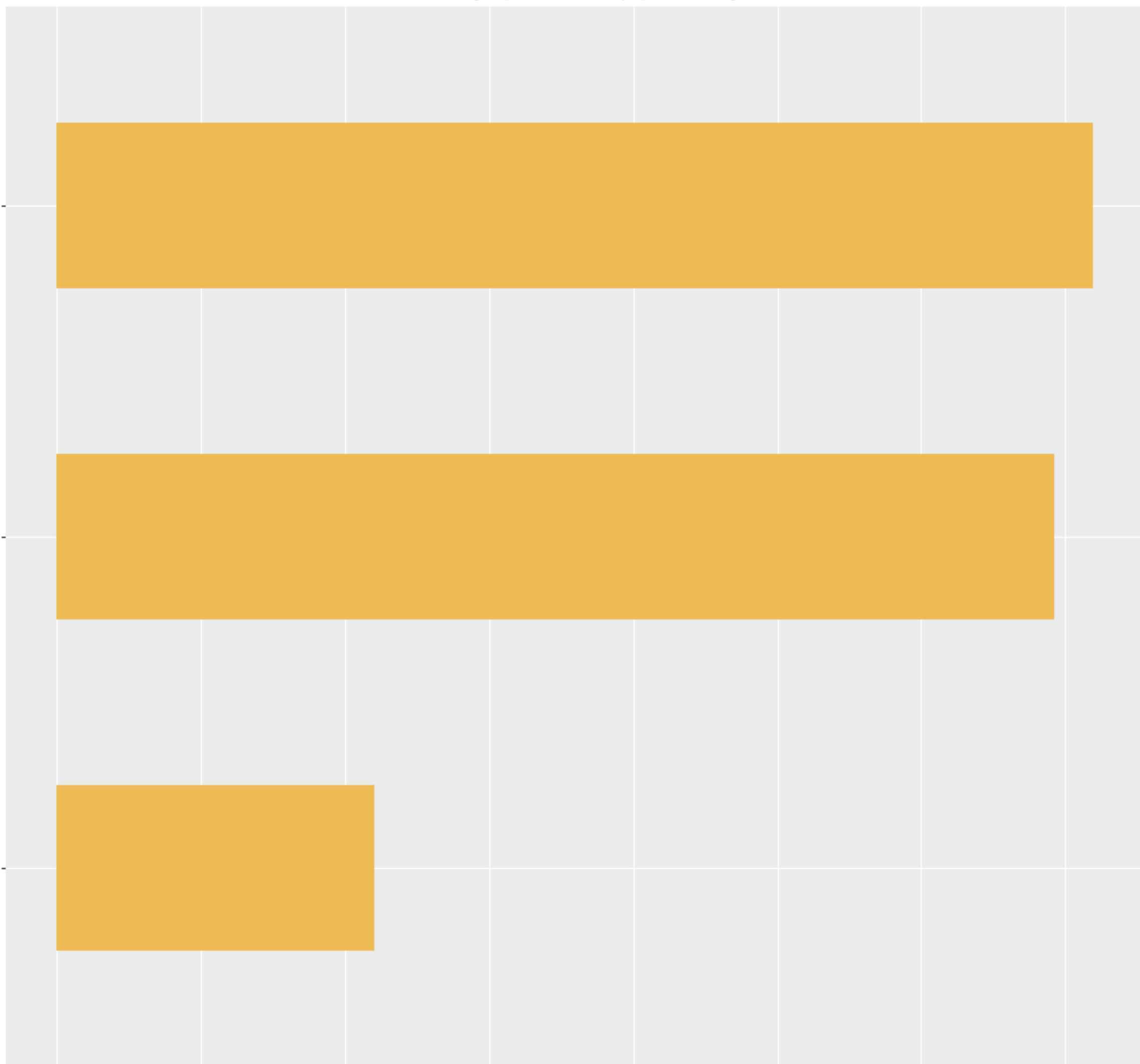
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2

4

6

Functional Enrichment



cytoskeleton organization

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 6/42

Cluster 28/42

Cluster 7/42

Cluster 11/42

Cluster 8/42

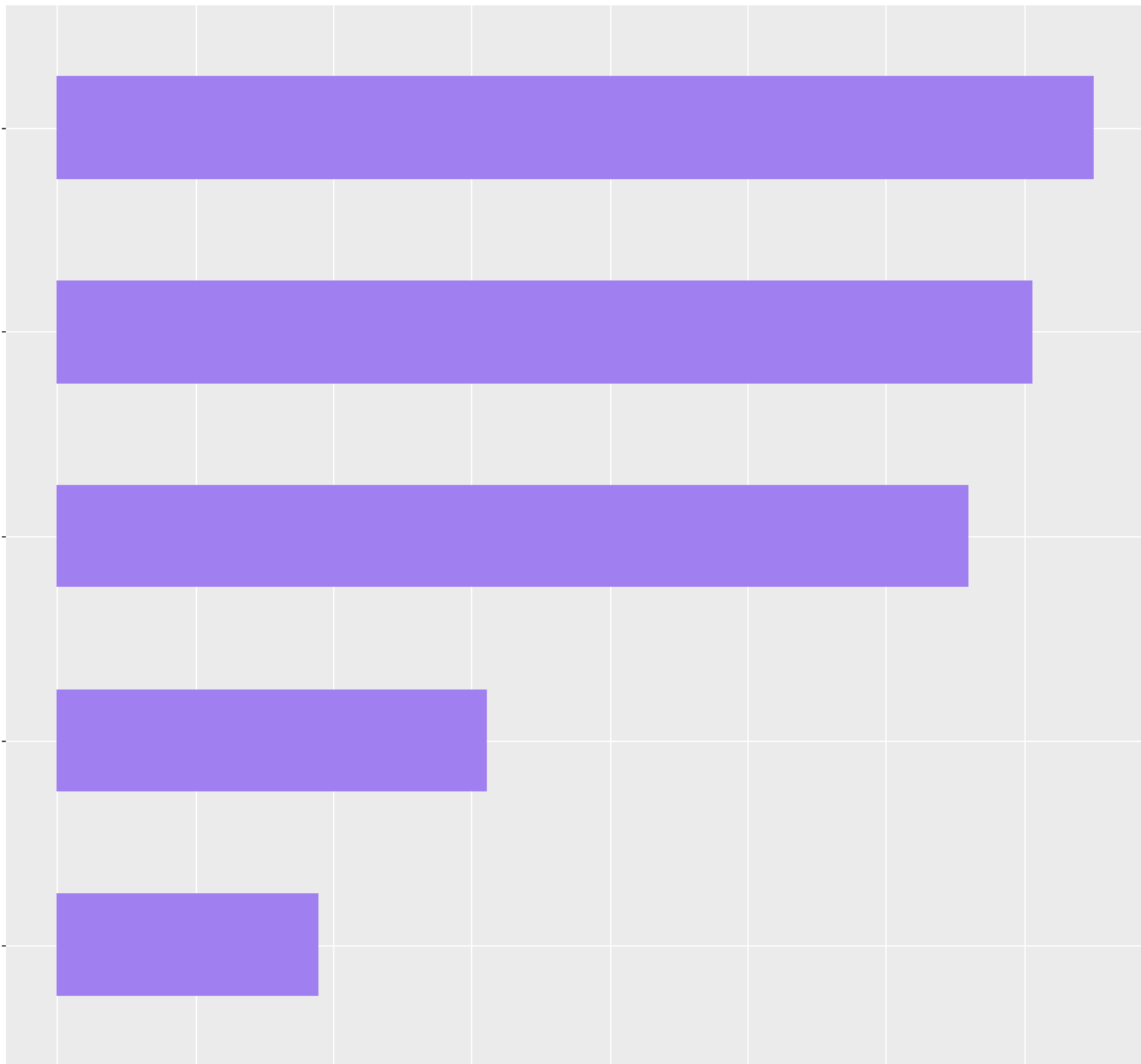
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2

4

6

Functional Enrichment



DNA recombination

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

Cluster 1/44

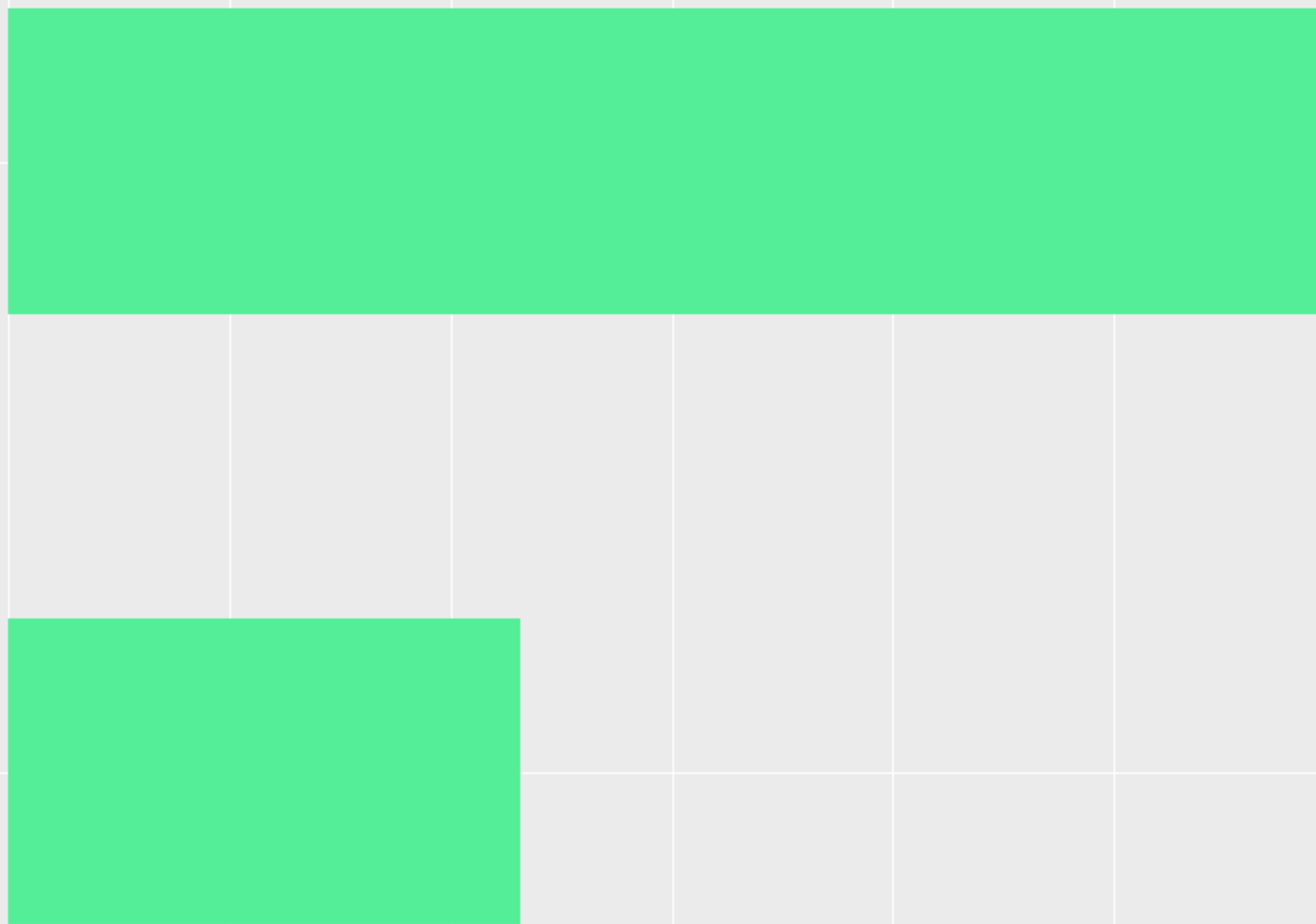
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5

10

15

Functional Enrichment



DNA recombination

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

2

4

6

Functional Enrichment



DNA recombination

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

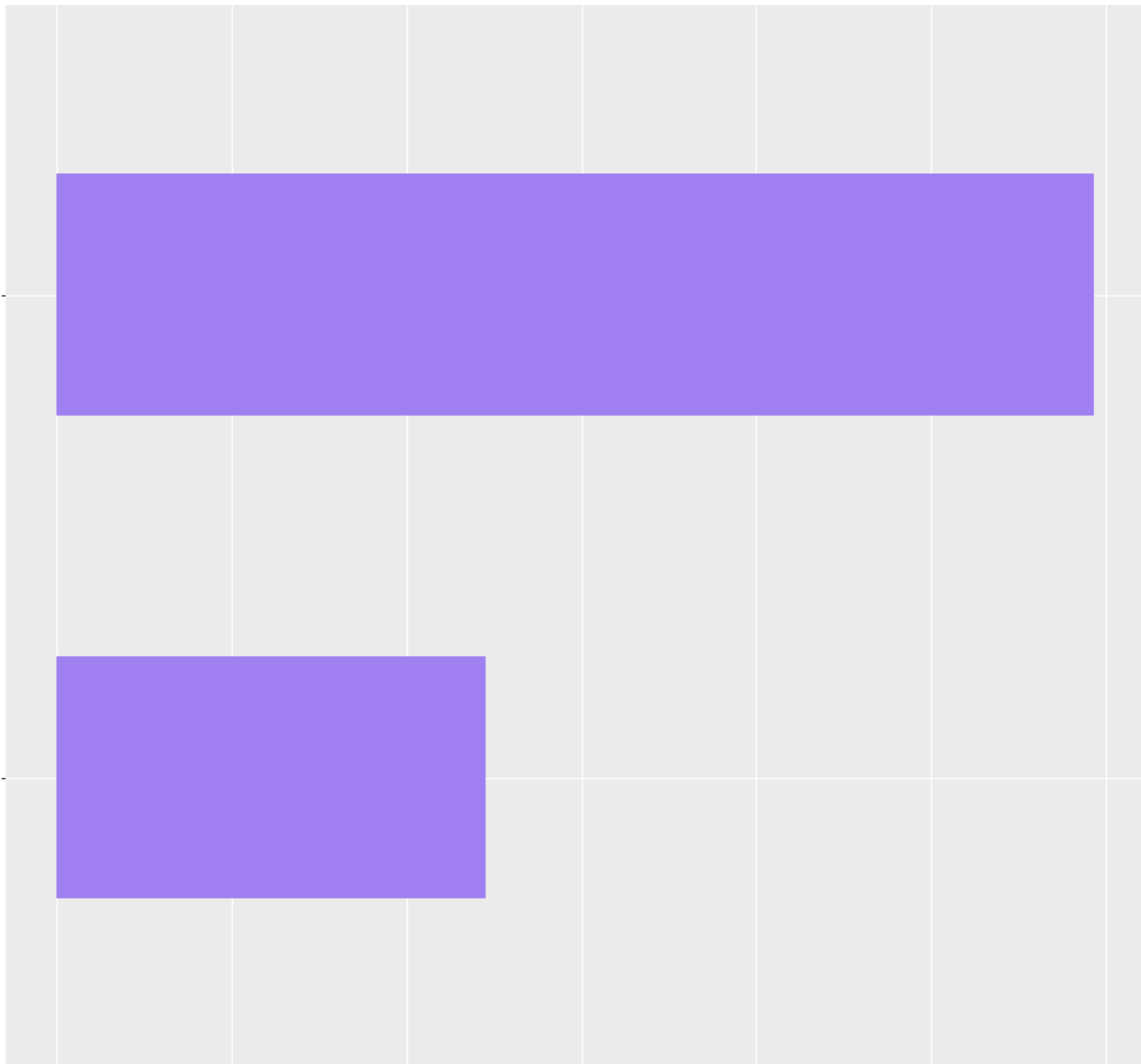
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5

10

15

Functional Enrichment



DNA recombination

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0.0

2.5

5.0

7.5

10.0

Functional Enrichment



DNA repair

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

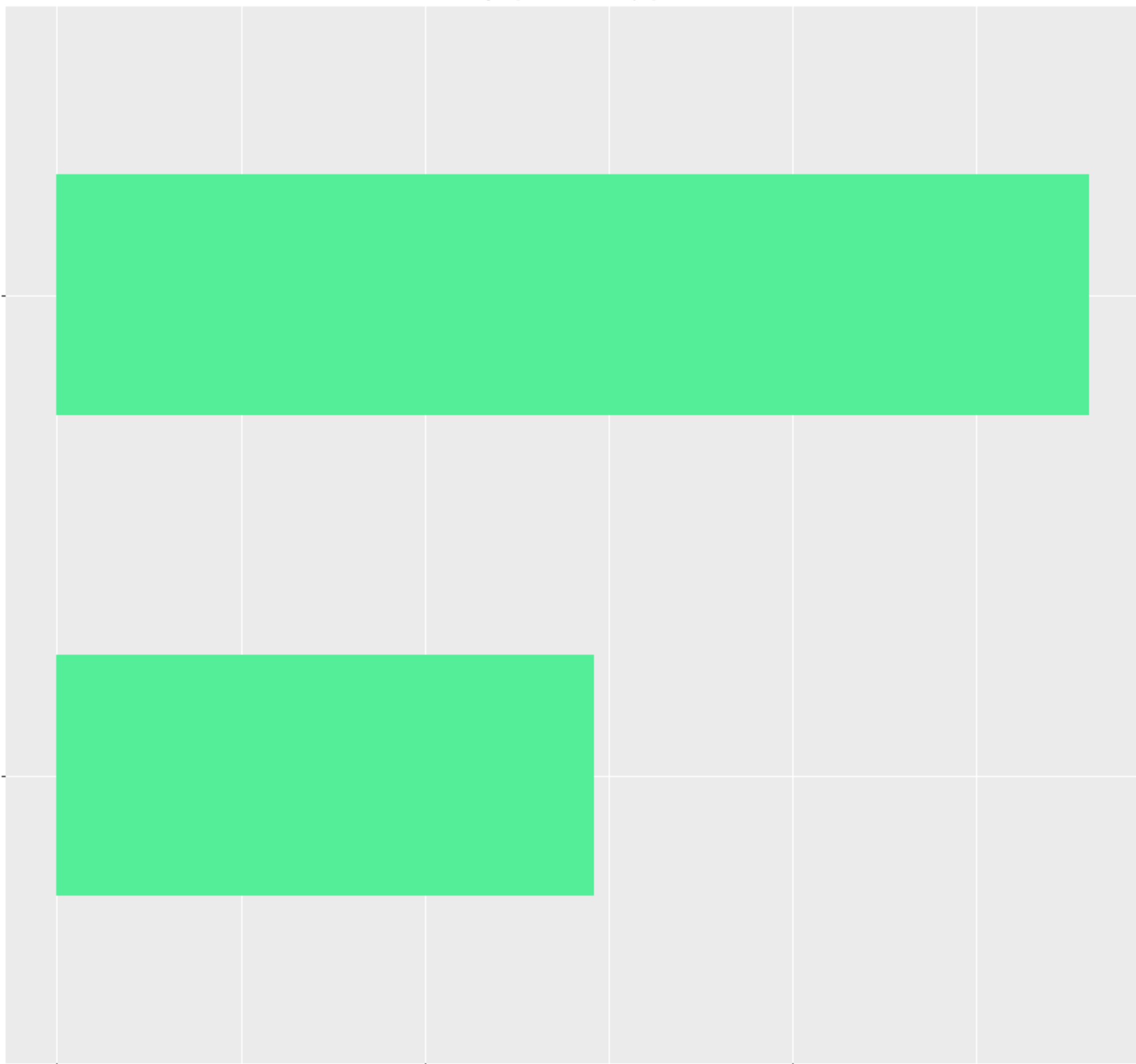
Cluster 1/44

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5

Functional Enrichment

10



DNA repair

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

Cluster 21/22

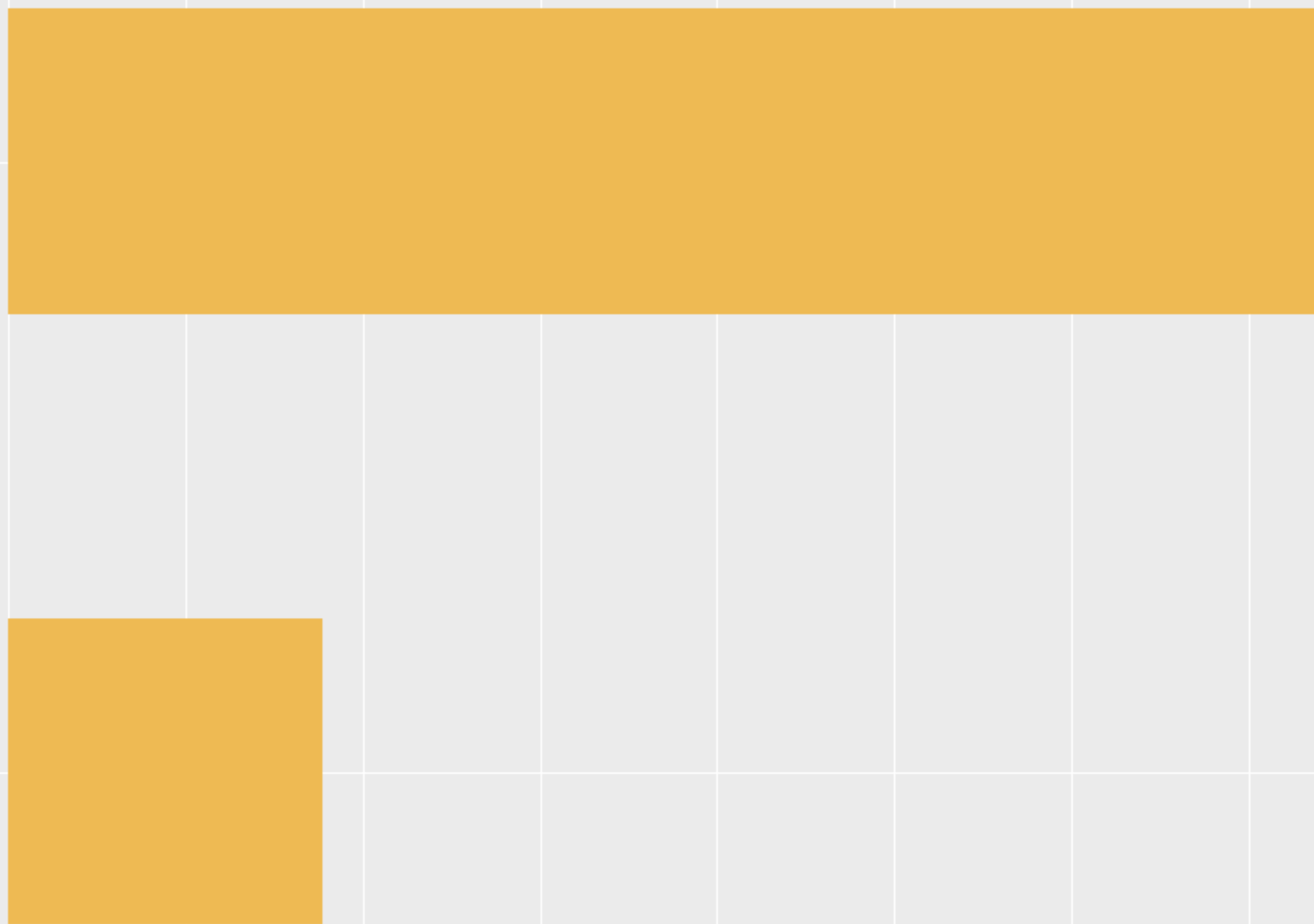
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2

4

6

Functional Enrichment



DNA repair

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

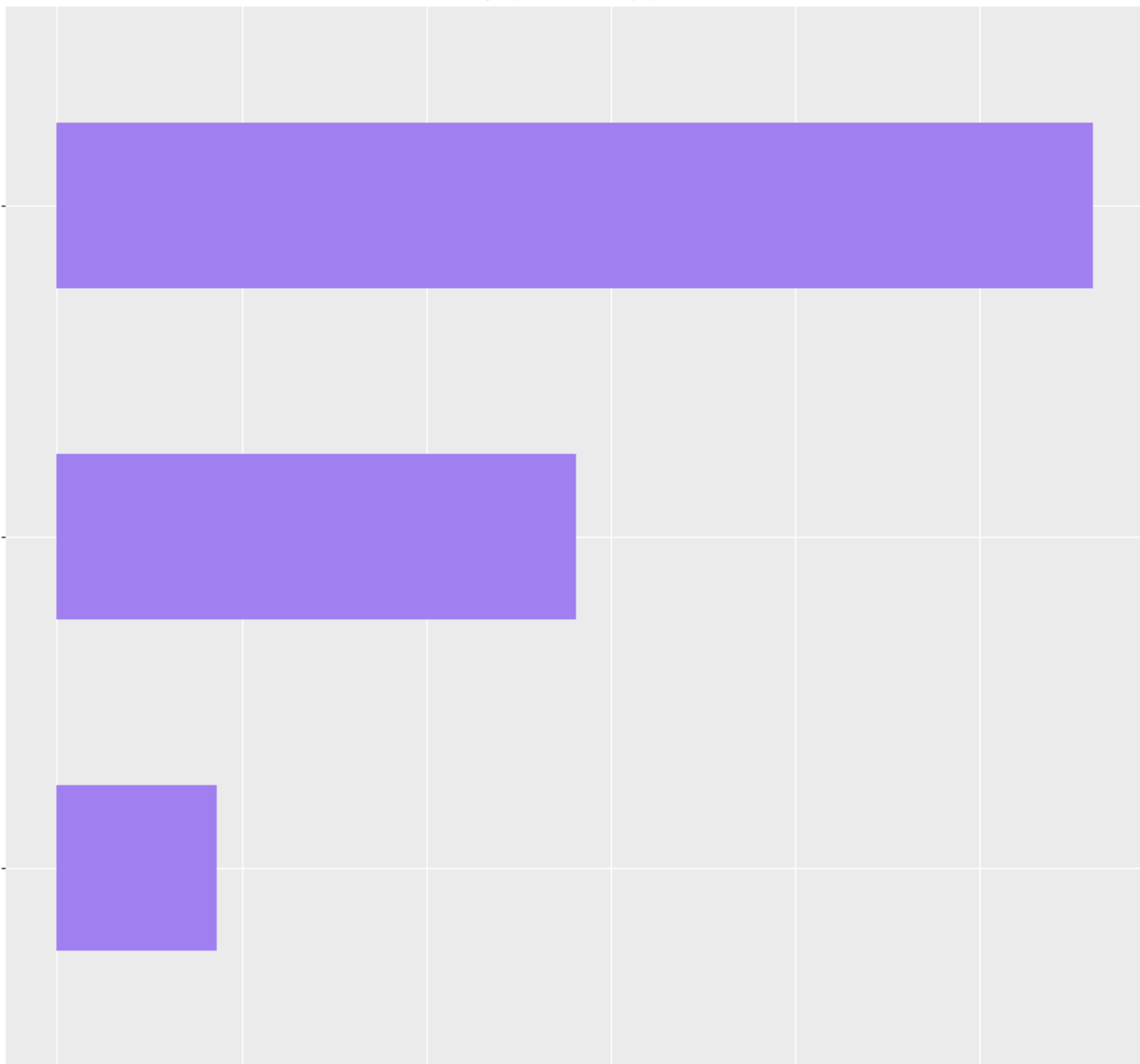
Cluster 8/42

0

5

10

Functional Enrichment



DNA repair

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0

3

6

9

Functional Enrichment



DNA replication

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

Cluster 1/44

Cluster 15/44

0

5

10

15

Functional Enrichment



DNA replication

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

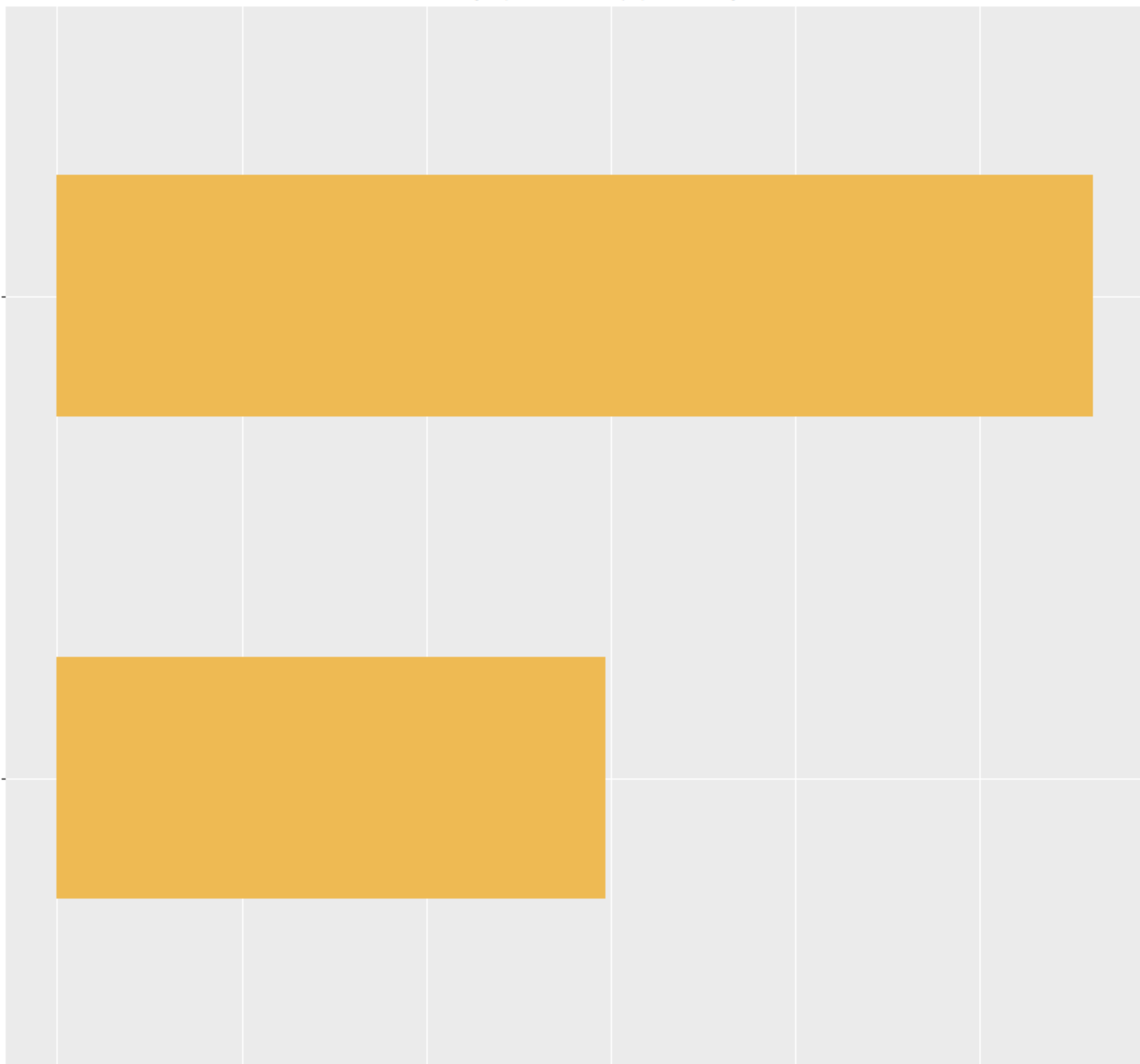
Cluster 16/22

0

5

Functional Enrichment

10



DNA replication

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

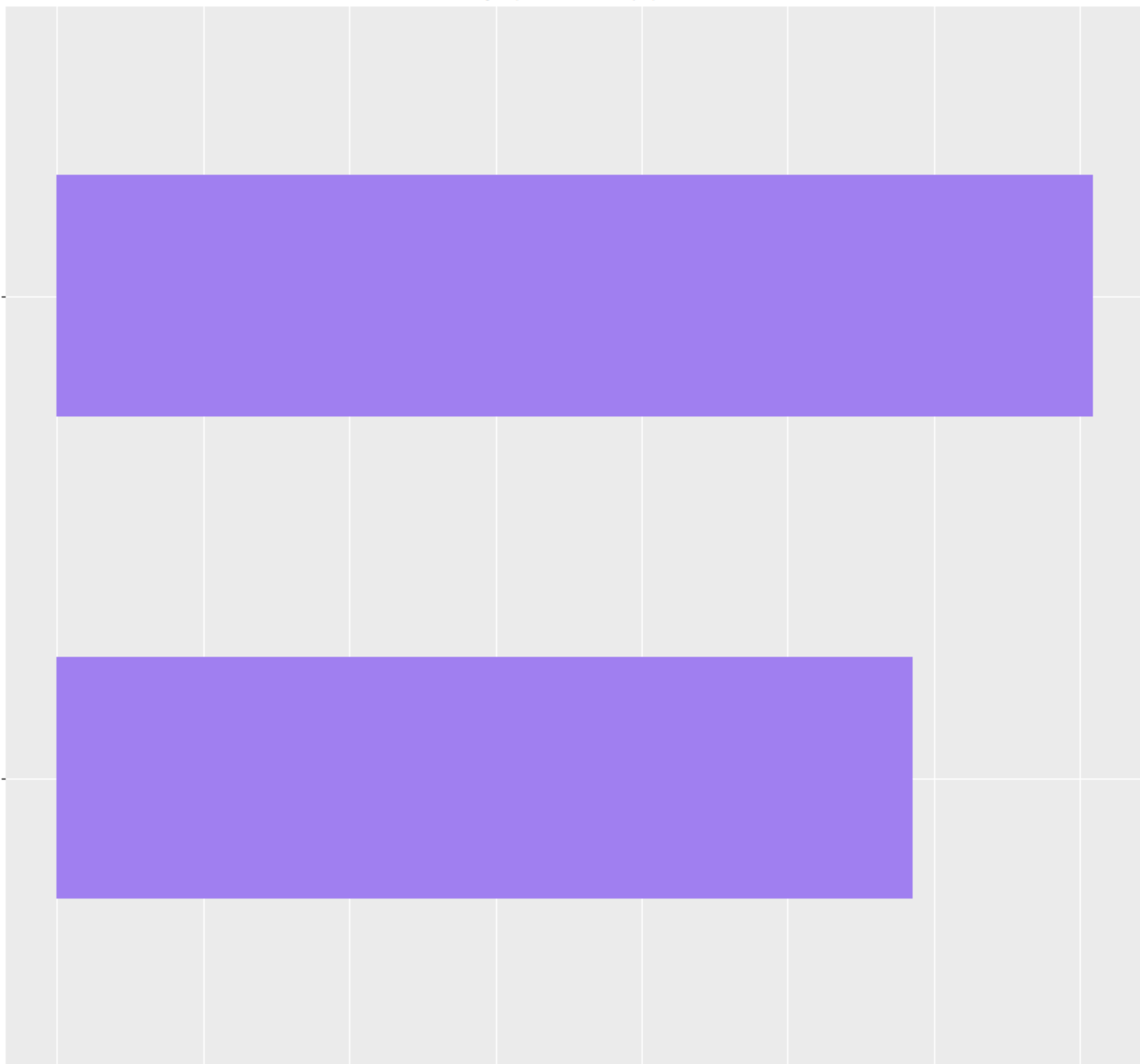
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5

10

15

Functional Enrichment



DNA replication

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0

5

10

15

Functional Enrichment



DNA-templated transcription, elongation

With CellCycle | Without AreaShape | All Genes

Cluster

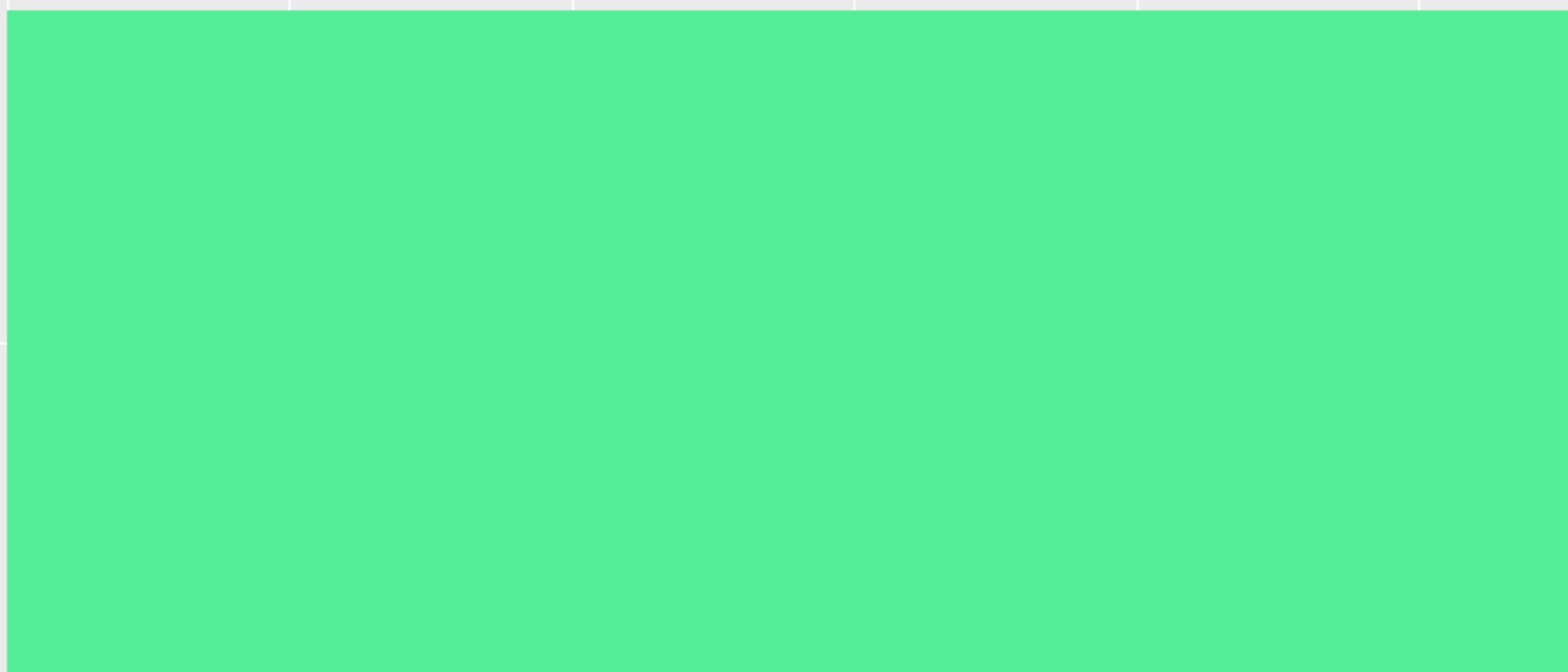
Cluster 3/44

0

1

2

Functional Enrichment



DNA-templated transcription, elongation

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

Functional Enrichment



DNA-templated transcription, elongation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

0

1

2

3

4

Functional Enrichment



DNA-templated transcription, initiation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 11/44

Cluster 3/44

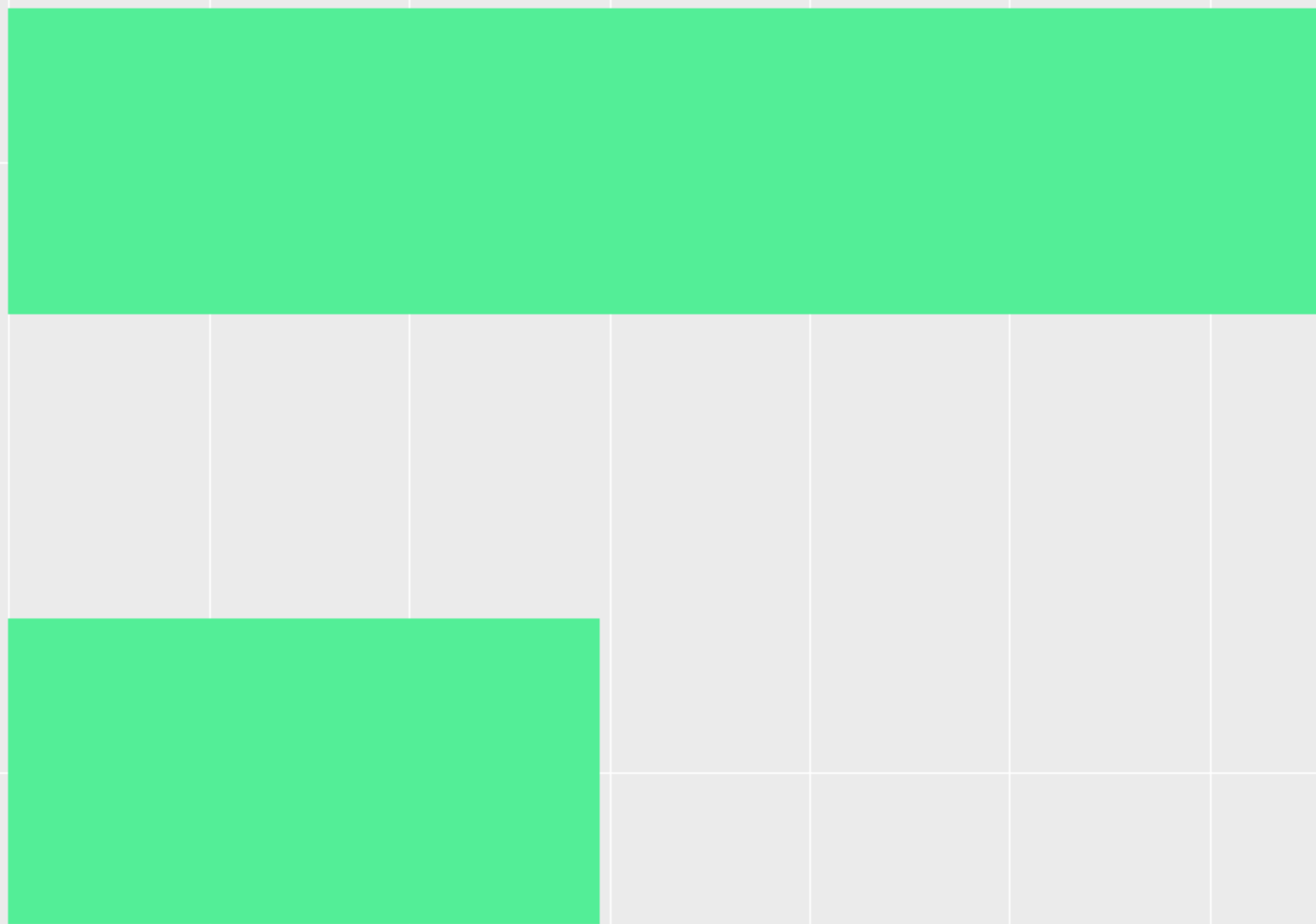
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5

10

15

Functional Enrichment



DNA-templated transcription, initiation

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 11/22

Cluster 21/22

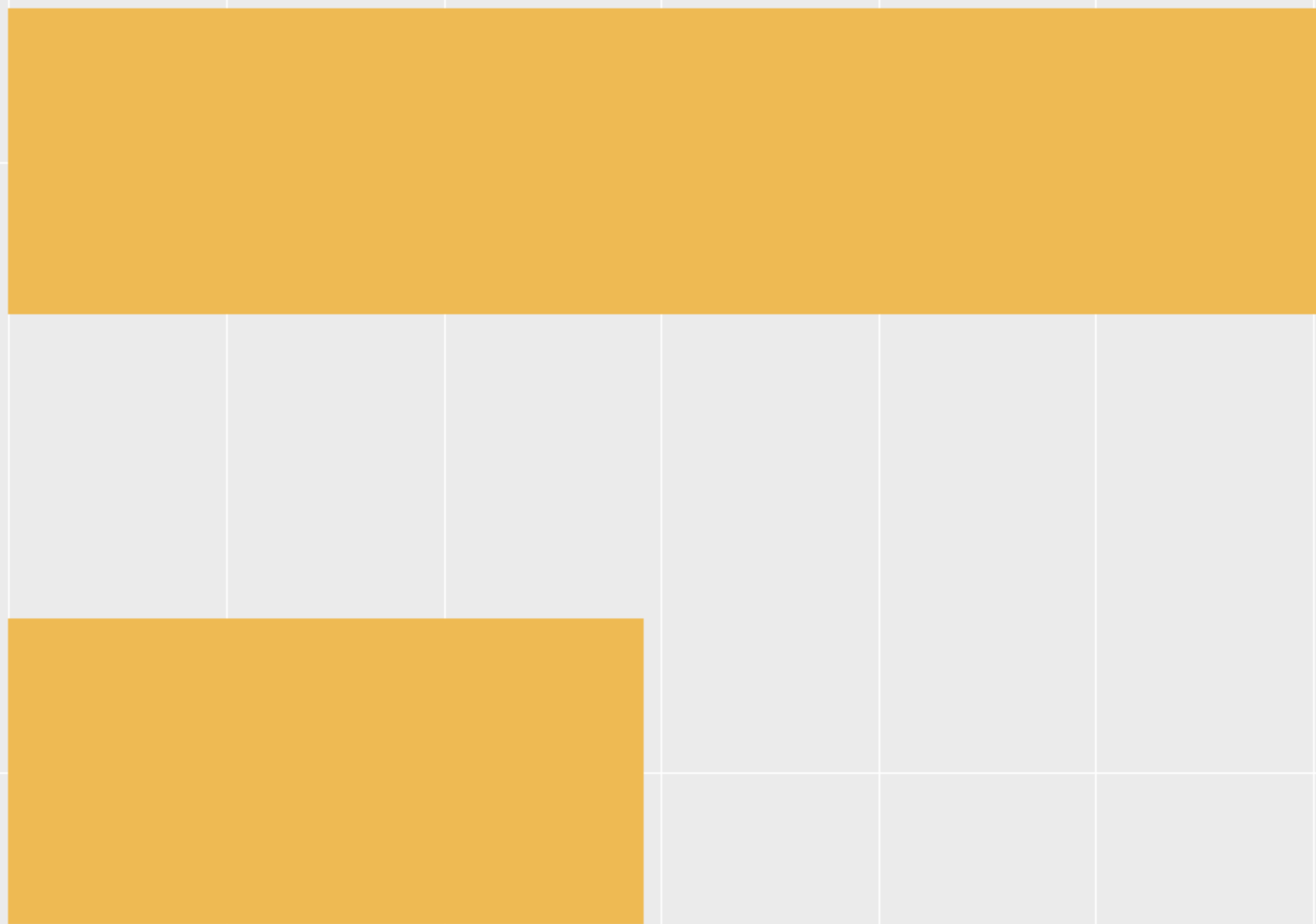
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10

15

Functional Enrichment



DNA-templated transcription, initiation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 14/42

Cluster 8/42

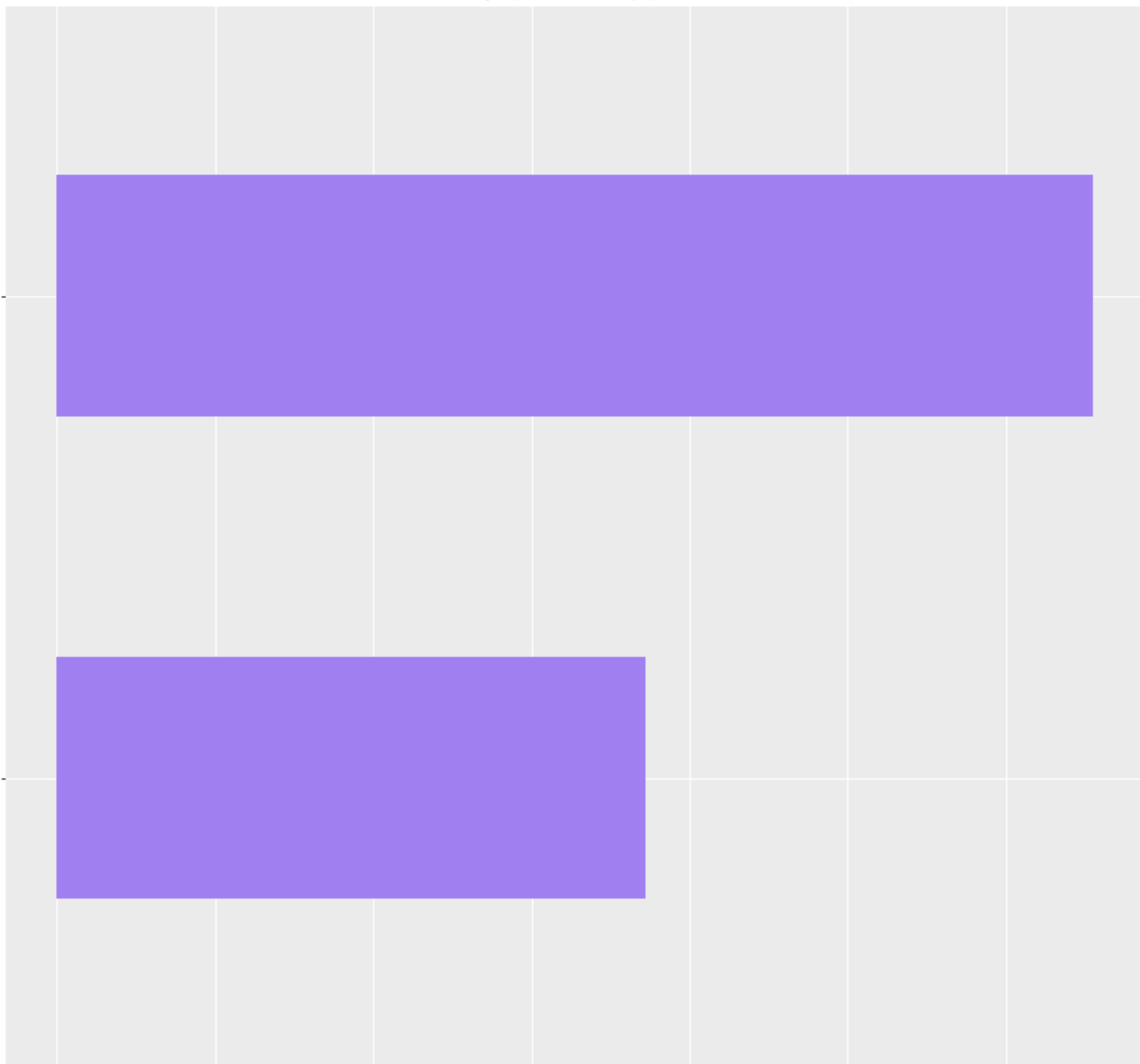
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15

Functional Enrichment



DNA-templated transcription, termination

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/44

Cluster 3/44

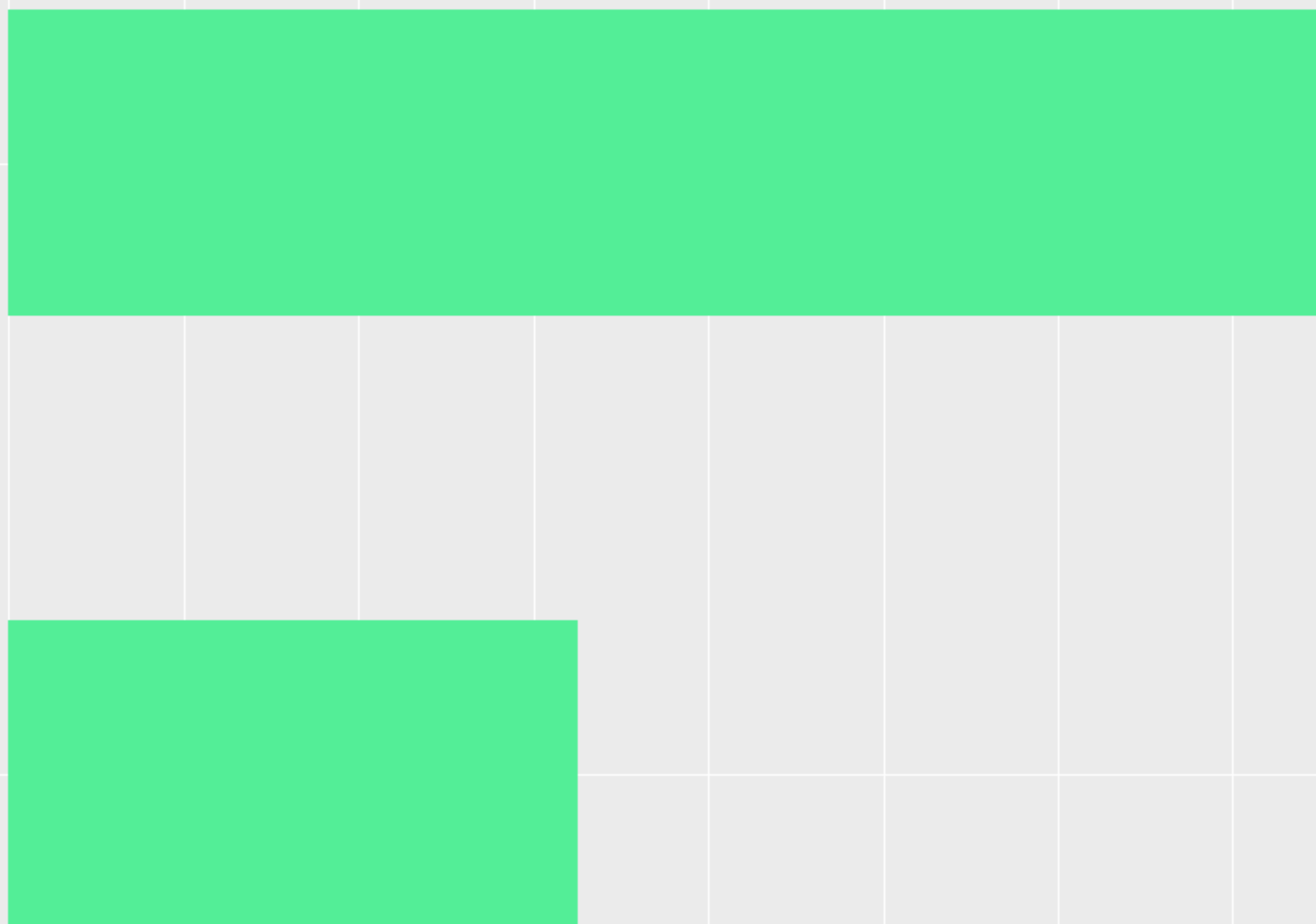
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Functional Enrichment



DNA-templated transcription, termination

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 17/22

Cluster 21/22

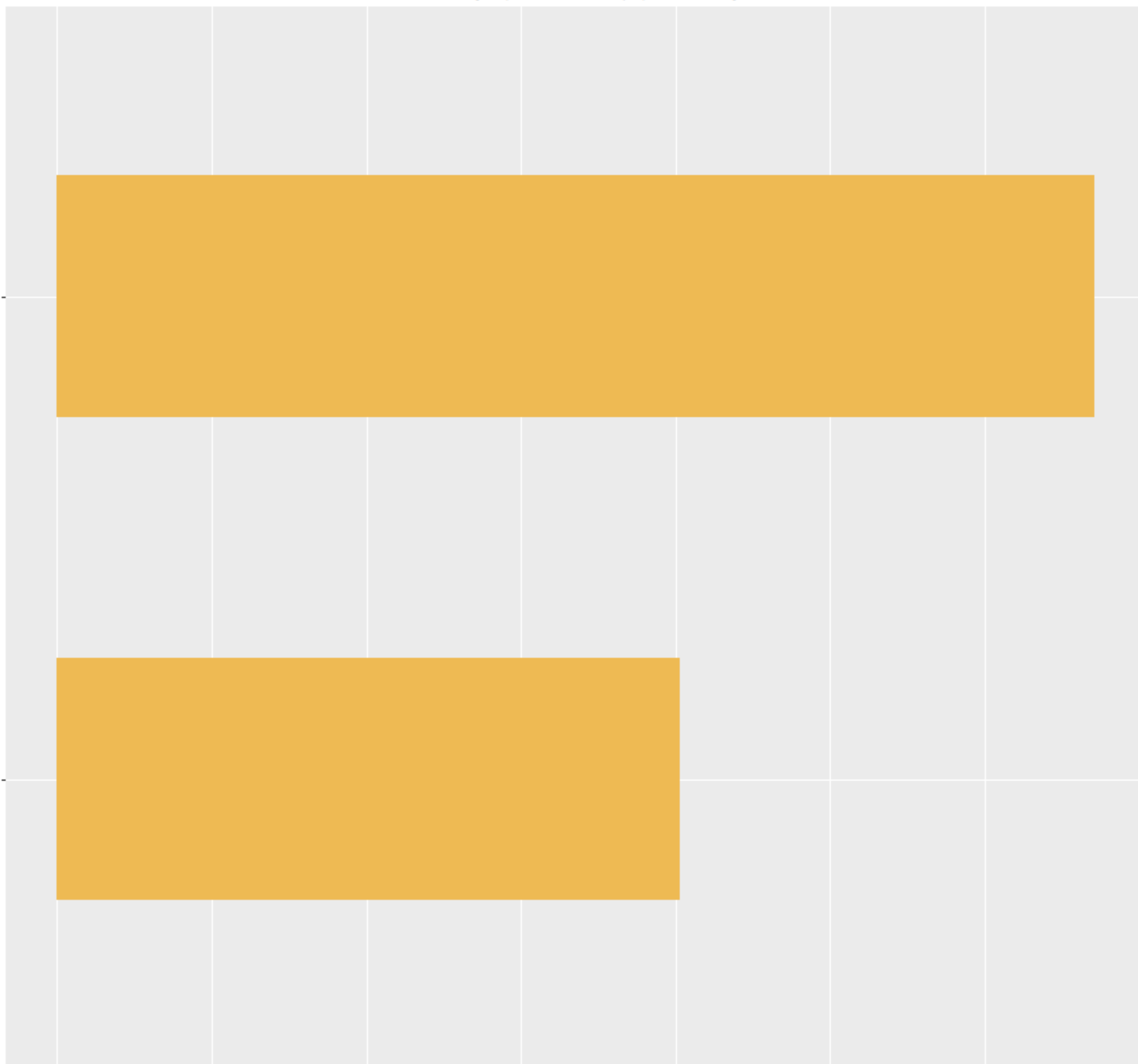
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4

6

Functional Enrichment



DNA-templated transcription, termination

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 11/42

Cluster 8/42

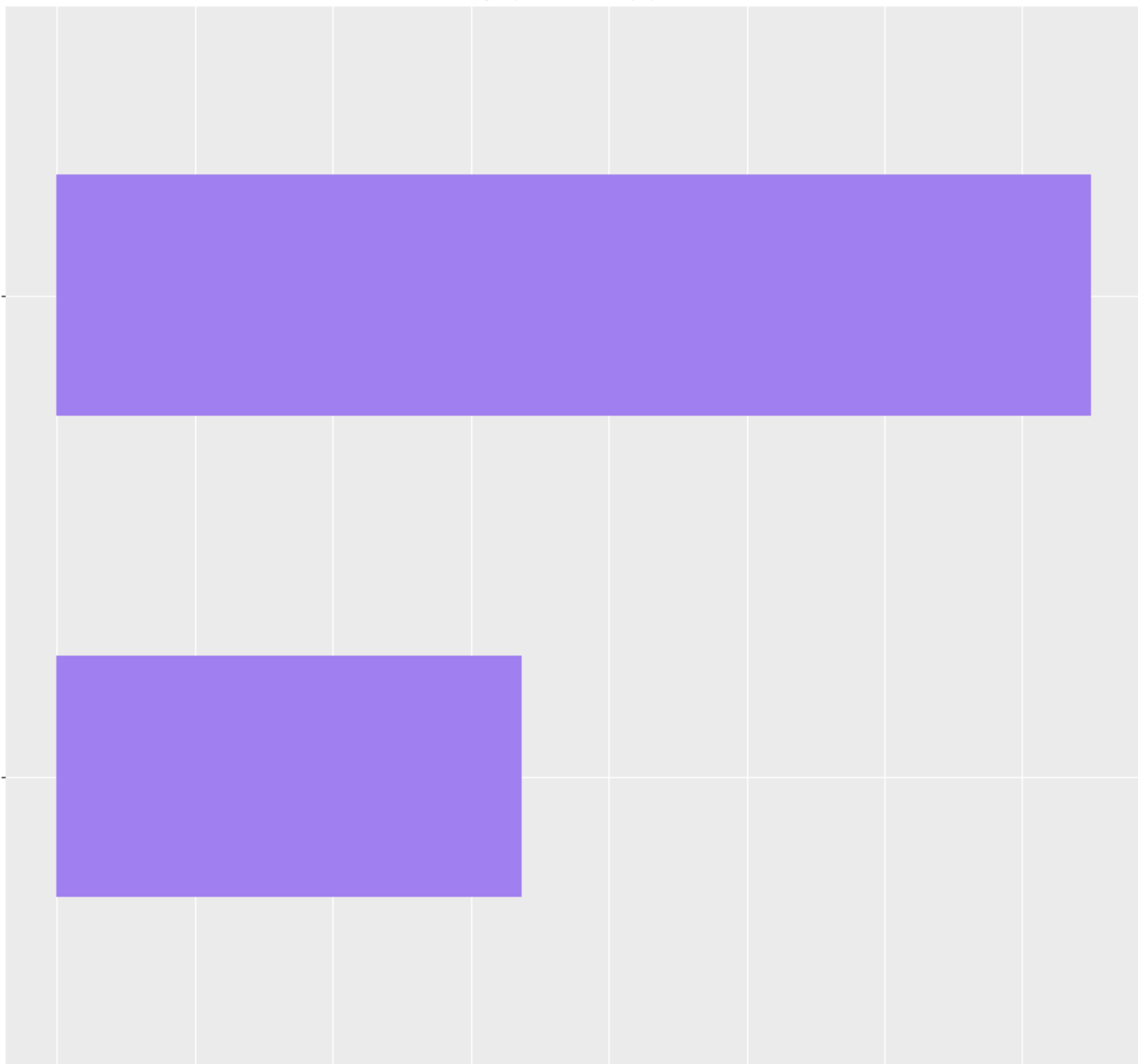
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7.5

Functional Enrichment



endosomal transport

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/44

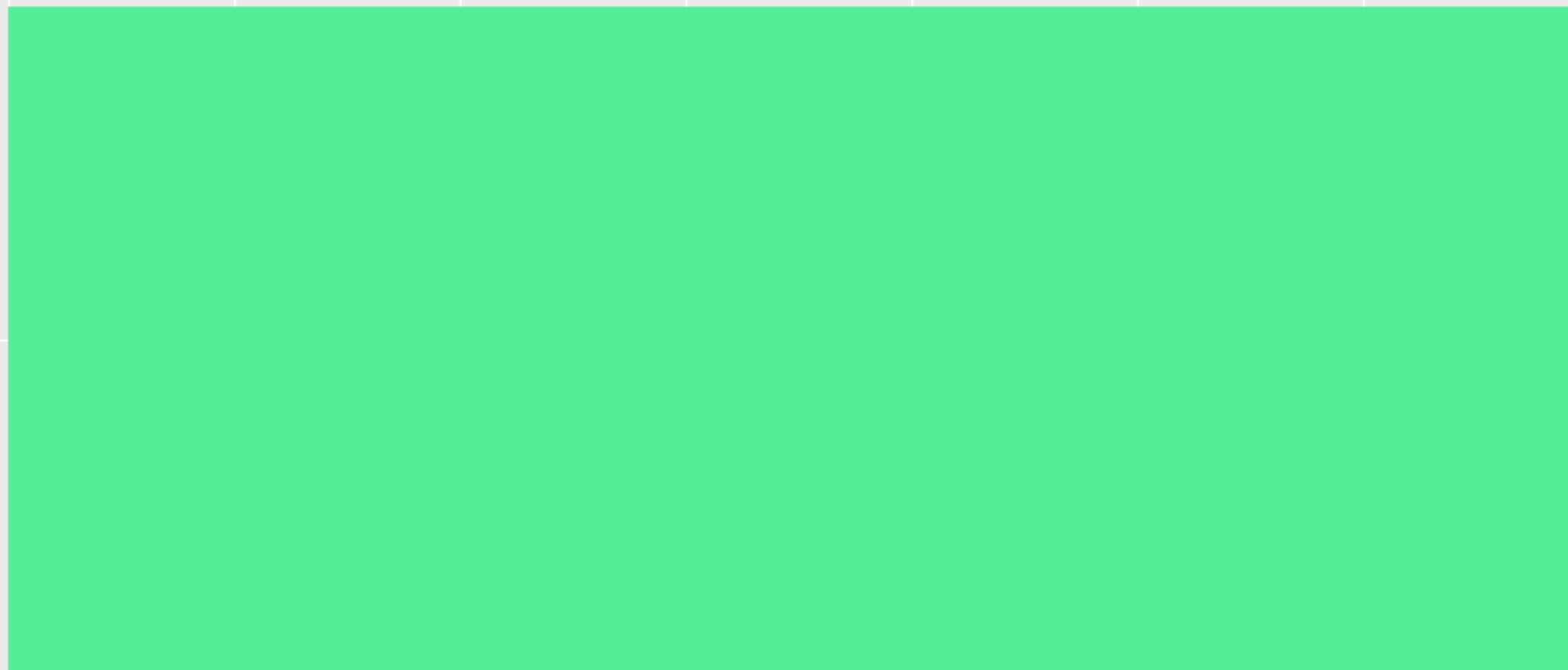
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1

2

3

Functional Enrichment



endosomal transport

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 31/42

0

1

2

3

Functional Enrichment



endosomal transport

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

0

1

2

3

Functional Enrichment



exocytosis

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

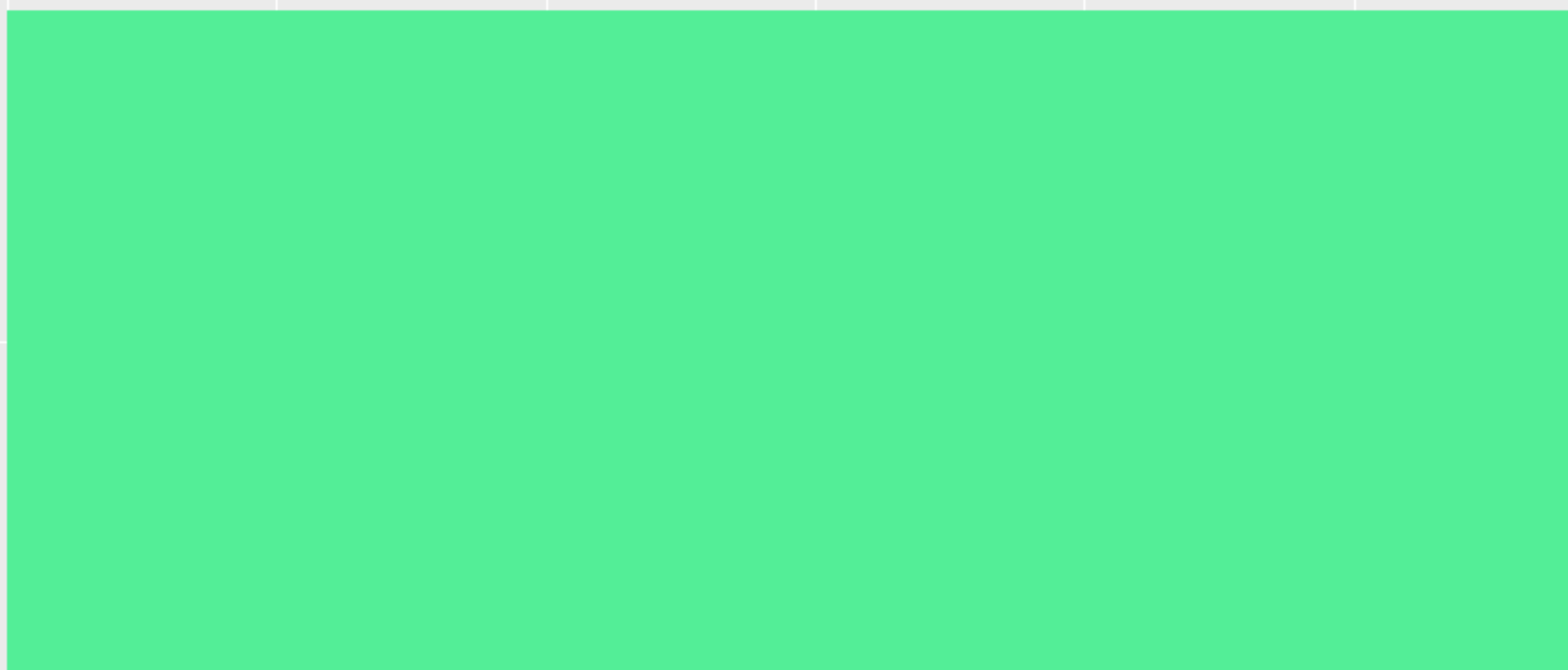
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2

4

6

Functional Enrichment



exocytosis

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

2

4

6

Functional Enrichment



generation of precursor metabolites and energy

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 9/44

0

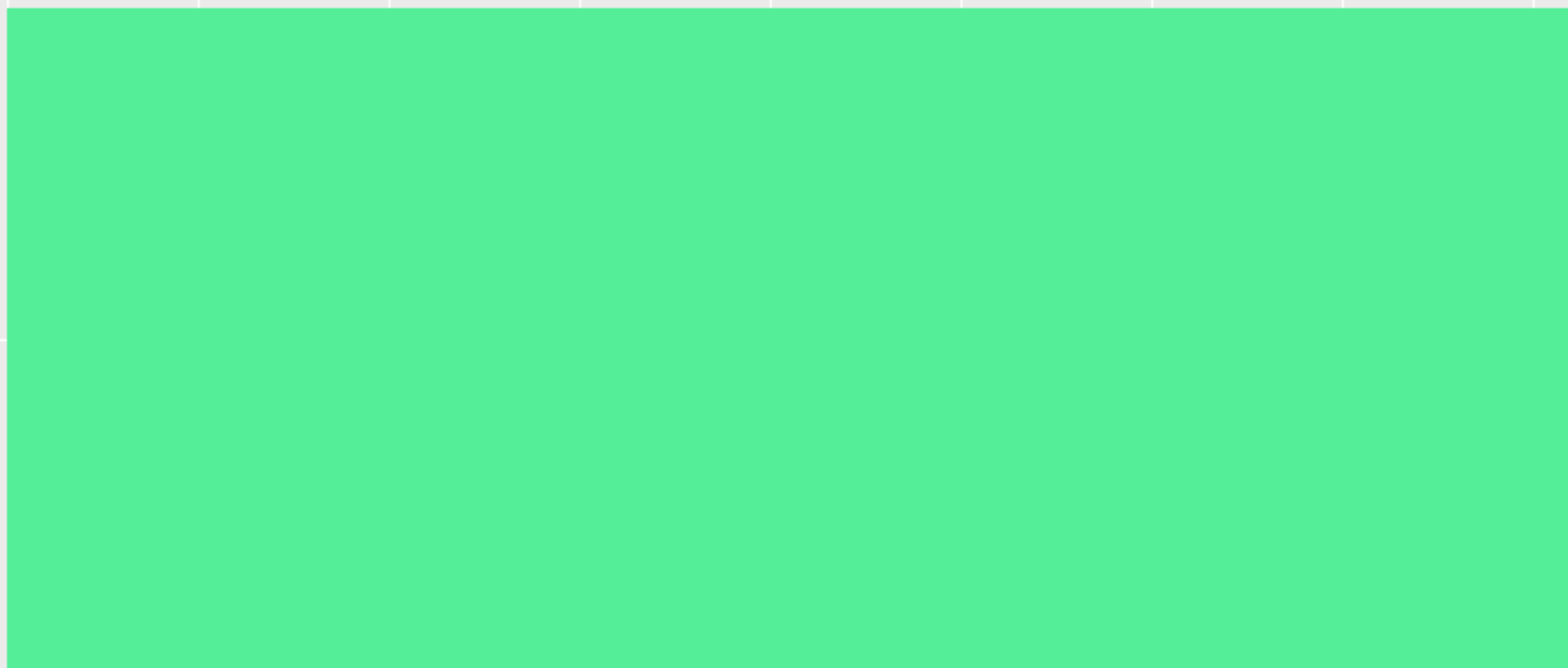
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2

3

4

Functional Enrichment



generation of precursor metabolites and energy

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 12/42

0

1

2

3

4

Functional Enrichment



Golgi vesicle transport

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0

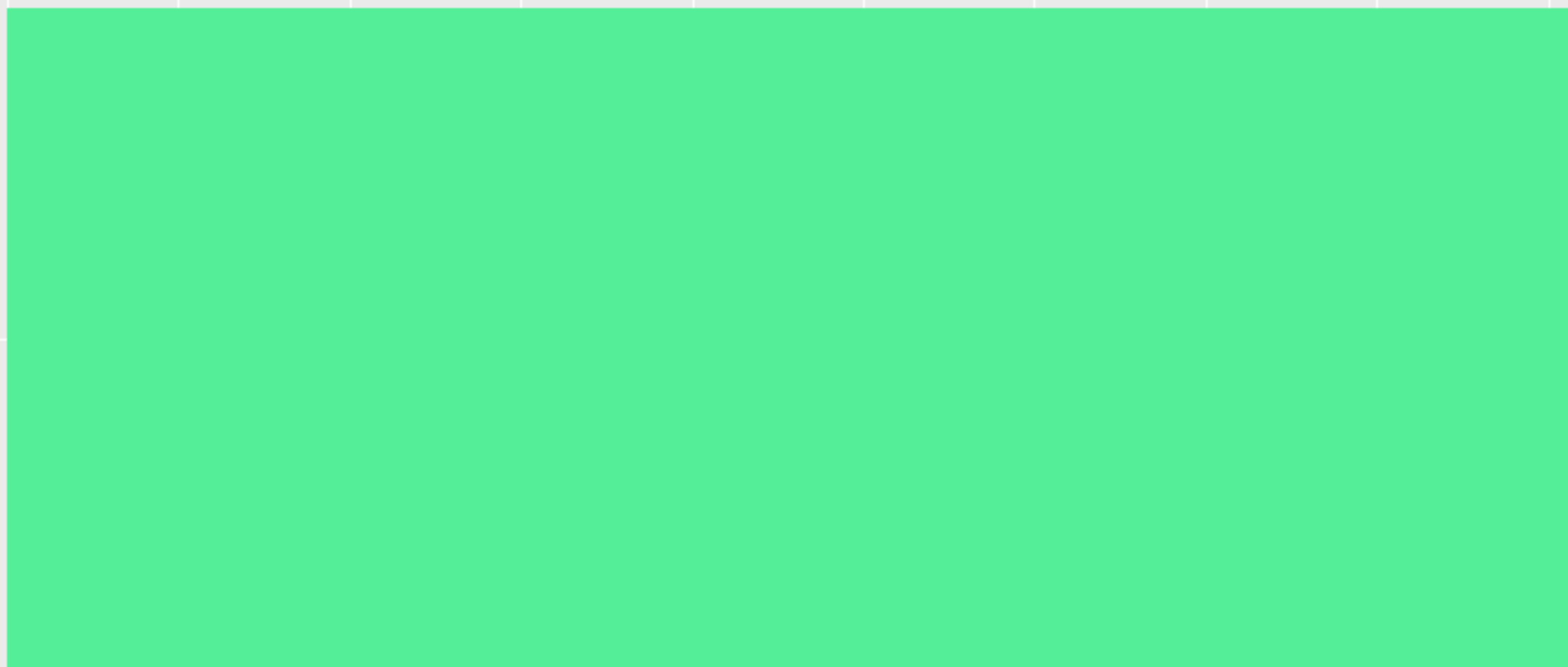
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2

3

4

Functional Enrichment



Golgi vesicle transport

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

4

Functional Enrichment



histone modification

With CellCycle | Without AreaShape | All Genes

Cluster

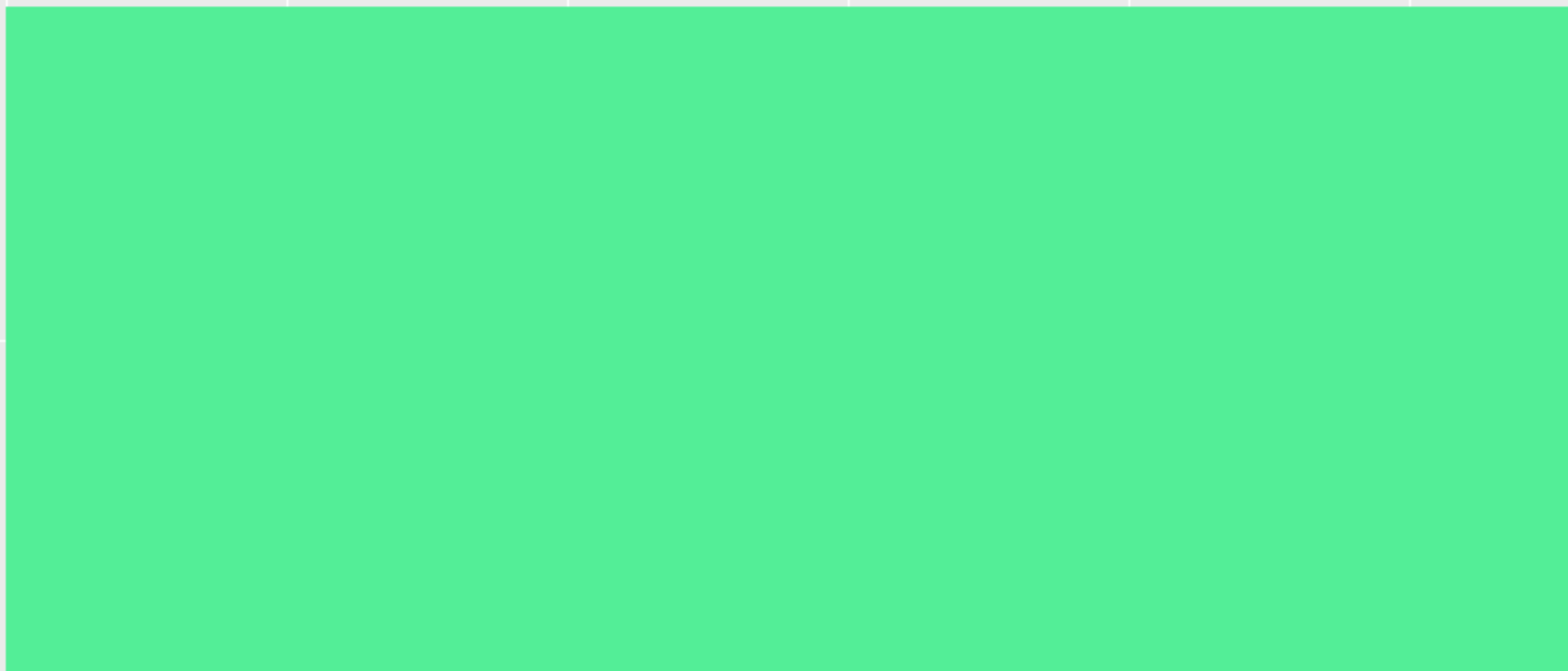
Cluster 34/44

0

2

4

Functional Enrichment



histone modification

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 32/42

0

2

4

Functional Enrichment



histone modification

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 8/30

Cluster 19/30

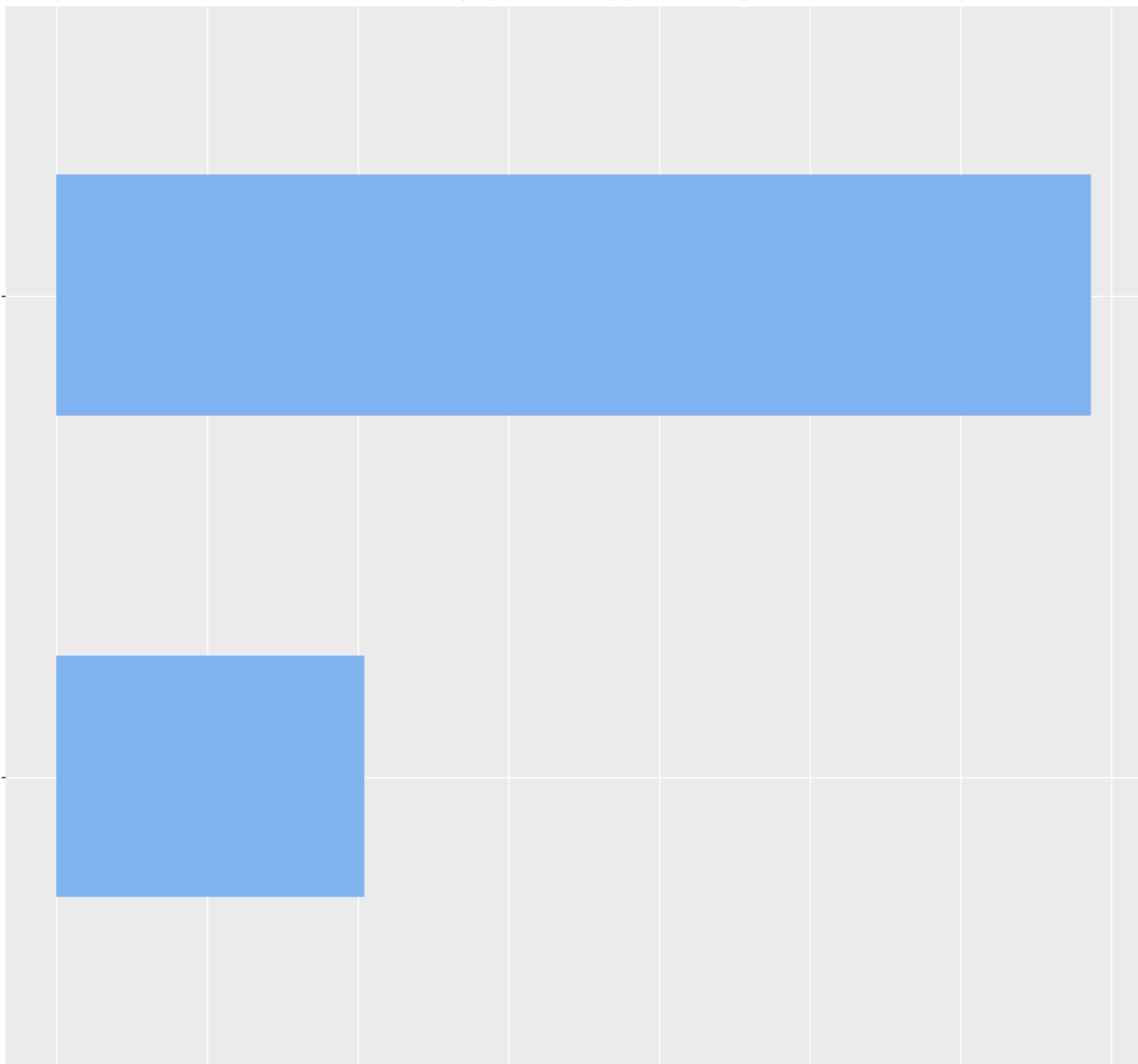
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5.0

7.5

Functional Enrichment



invasive growth in response to glucose limitation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 30/30

Cluster 9/30

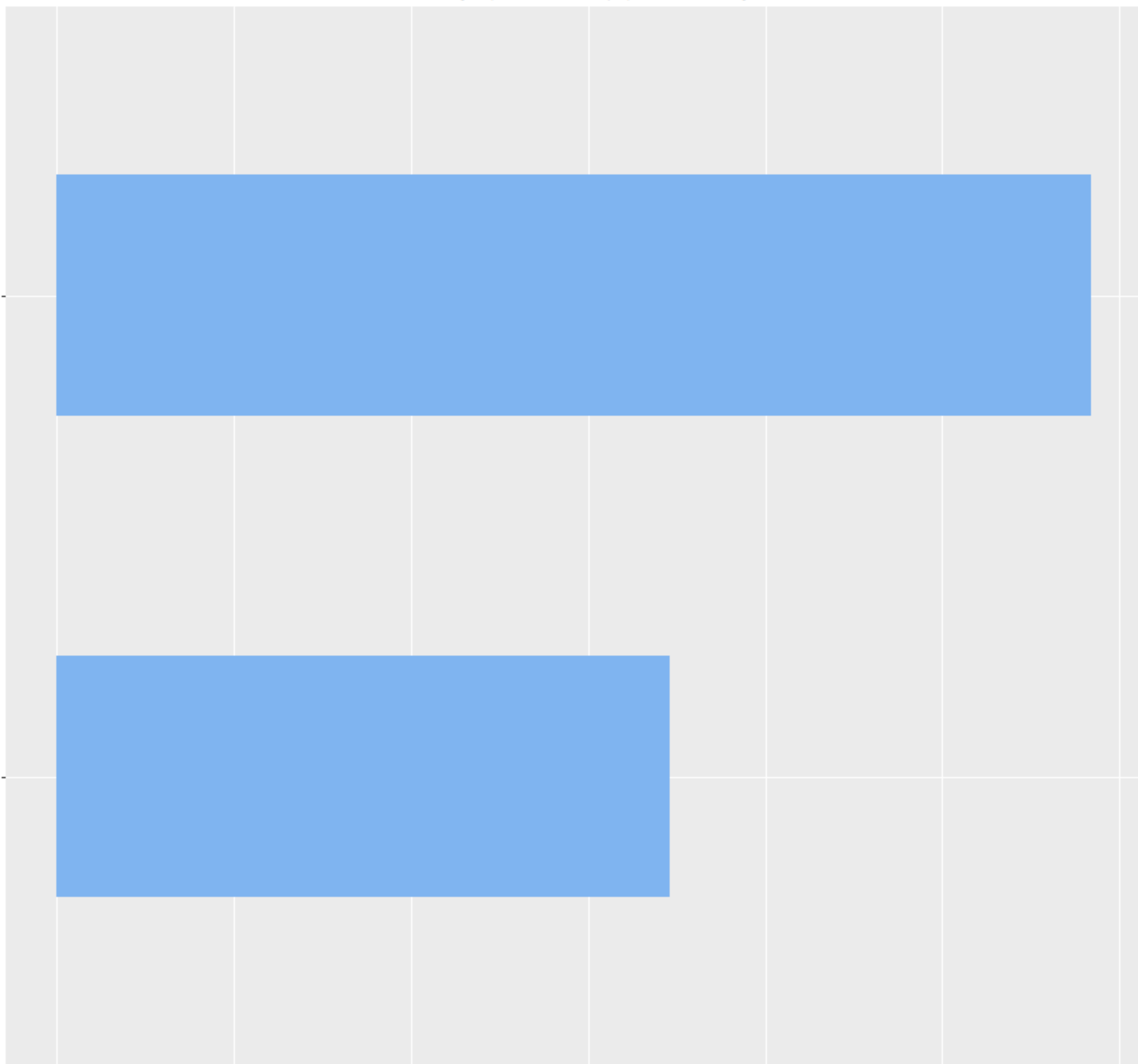
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2

4

6

Functional Enrichment



lipid metabolic process
With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0.0

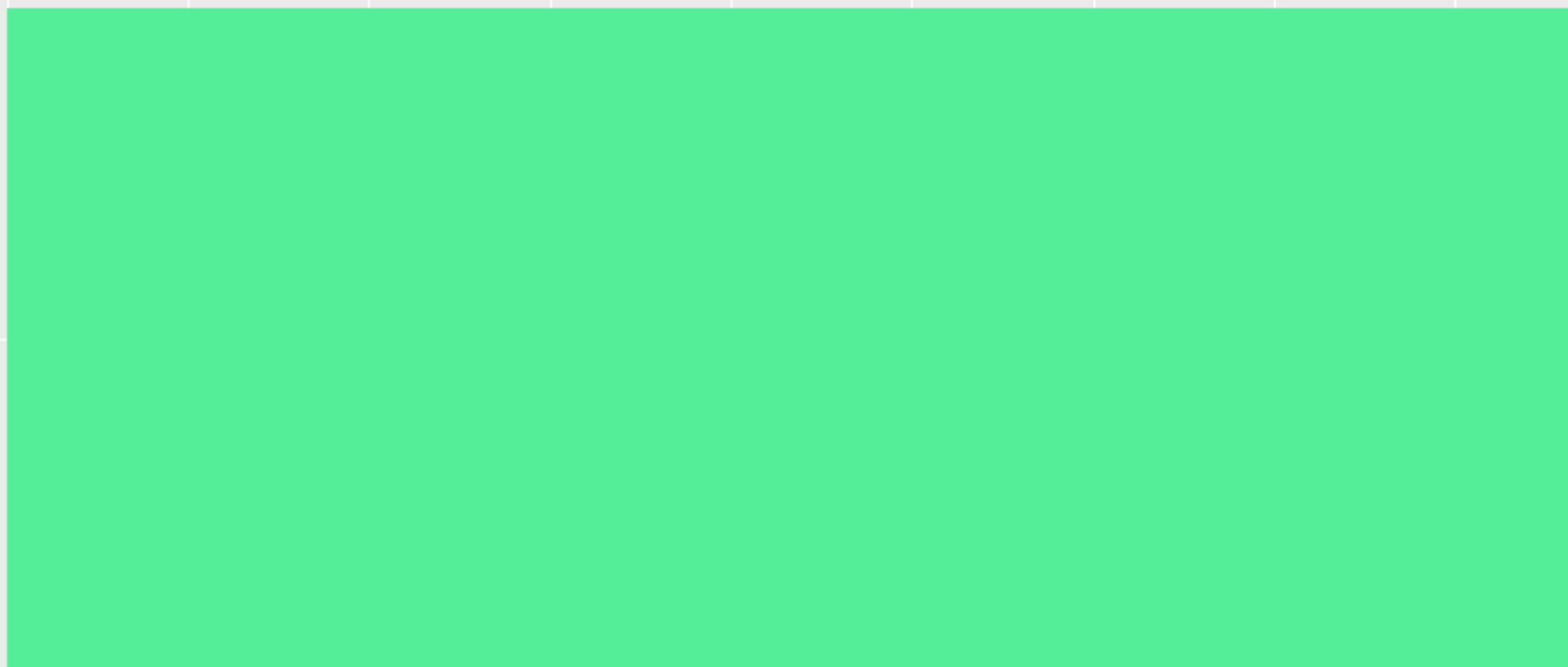
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1.5

2.0

Functional Enrichment



lipid metabolic process

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0.0

0.5

1.0

1.5

2.0

Functional Enrichment



lipid metabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

0.0

0.5

1.0

1.5

2.0

Functional Enrichment



lipid metabolic process

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 15/30

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



meiotic cell cycle

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

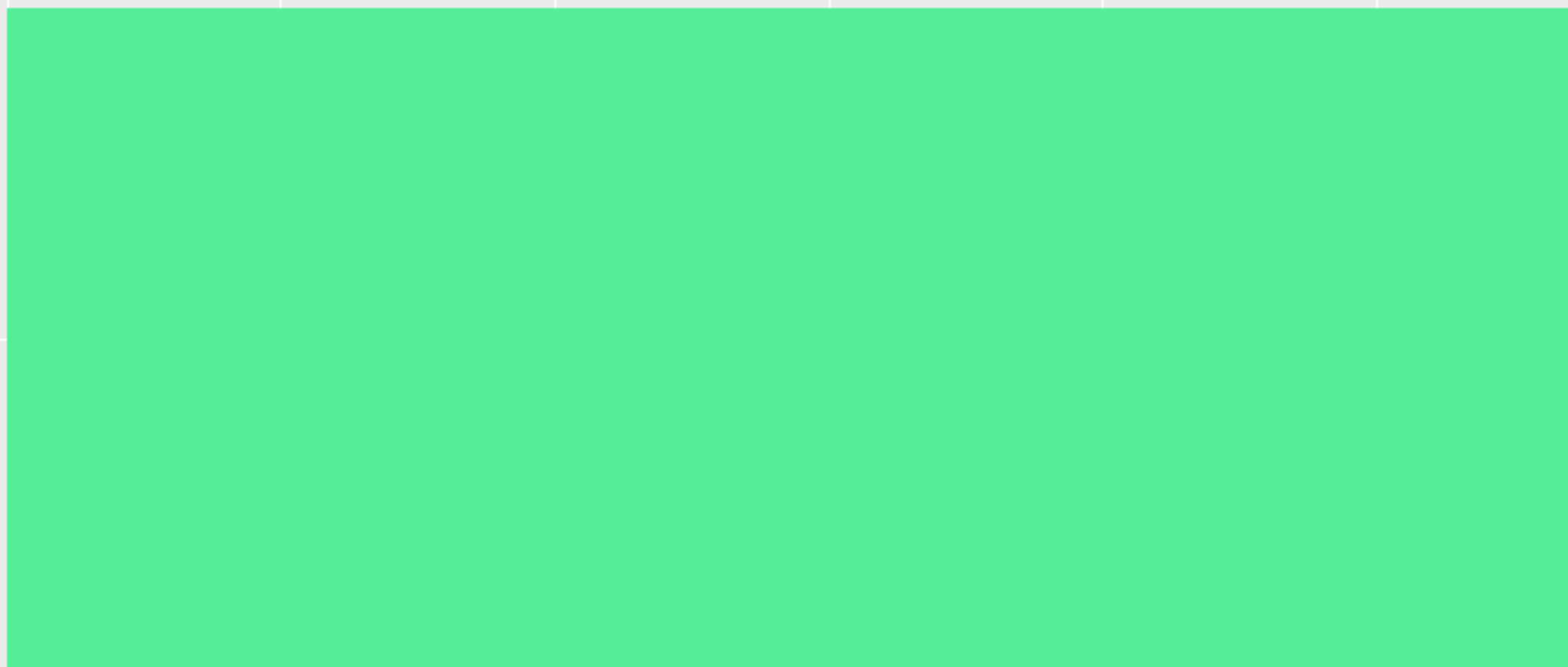
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1

2

3

Functional Enrichment



meiotic cell cycle

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

1

2

3

Functional Enrichment



meiotic cell cycle

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 6/42

0

1

2

3

Functional Enrichment



membrane fusion

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0

1

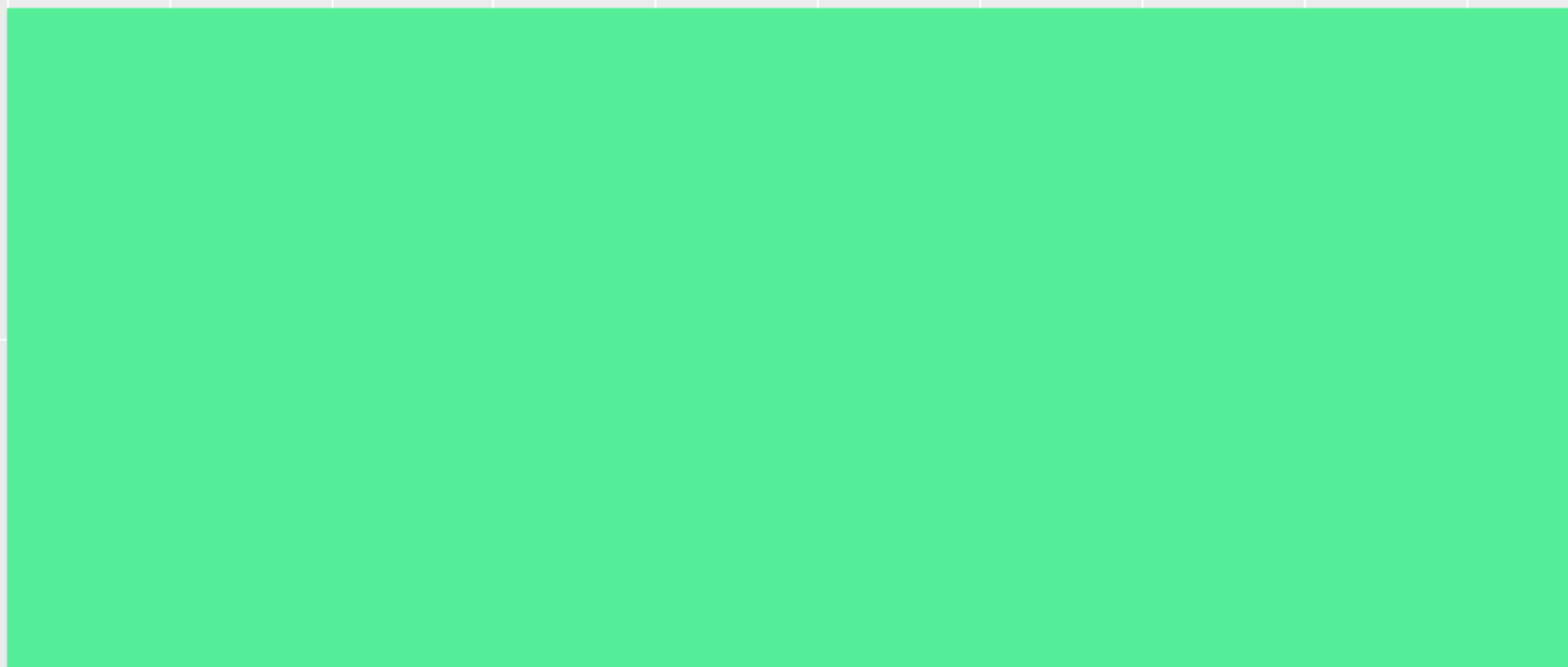
2

3

4

5

Functional Enrichment



membrane fusion

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

4

5

Functional Enrichment



mitochondrial translation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 9/44

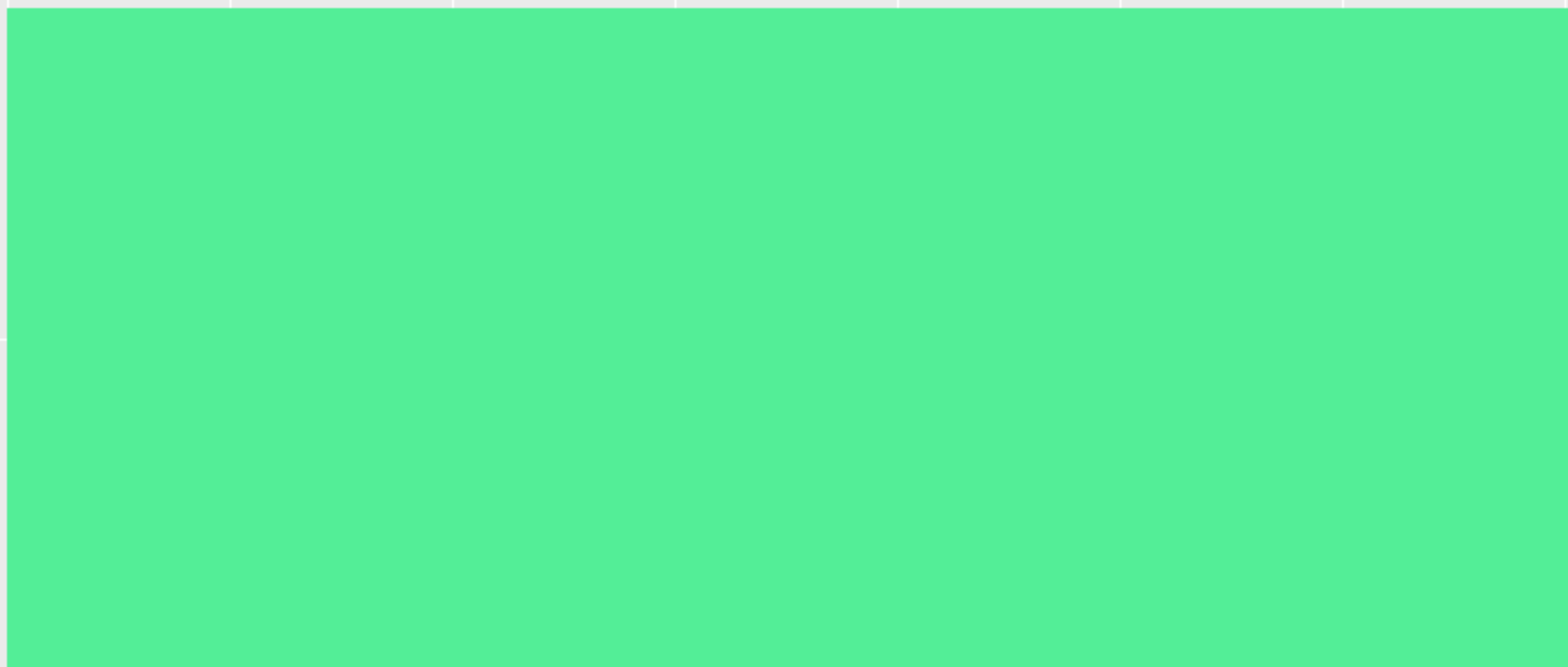
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5.0

7.5

Functional Enrichment



mitochondrial translation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 12/42

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2.5

5.0

7.5

Functional Enrichment



mitochondrial translation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/30

0.0

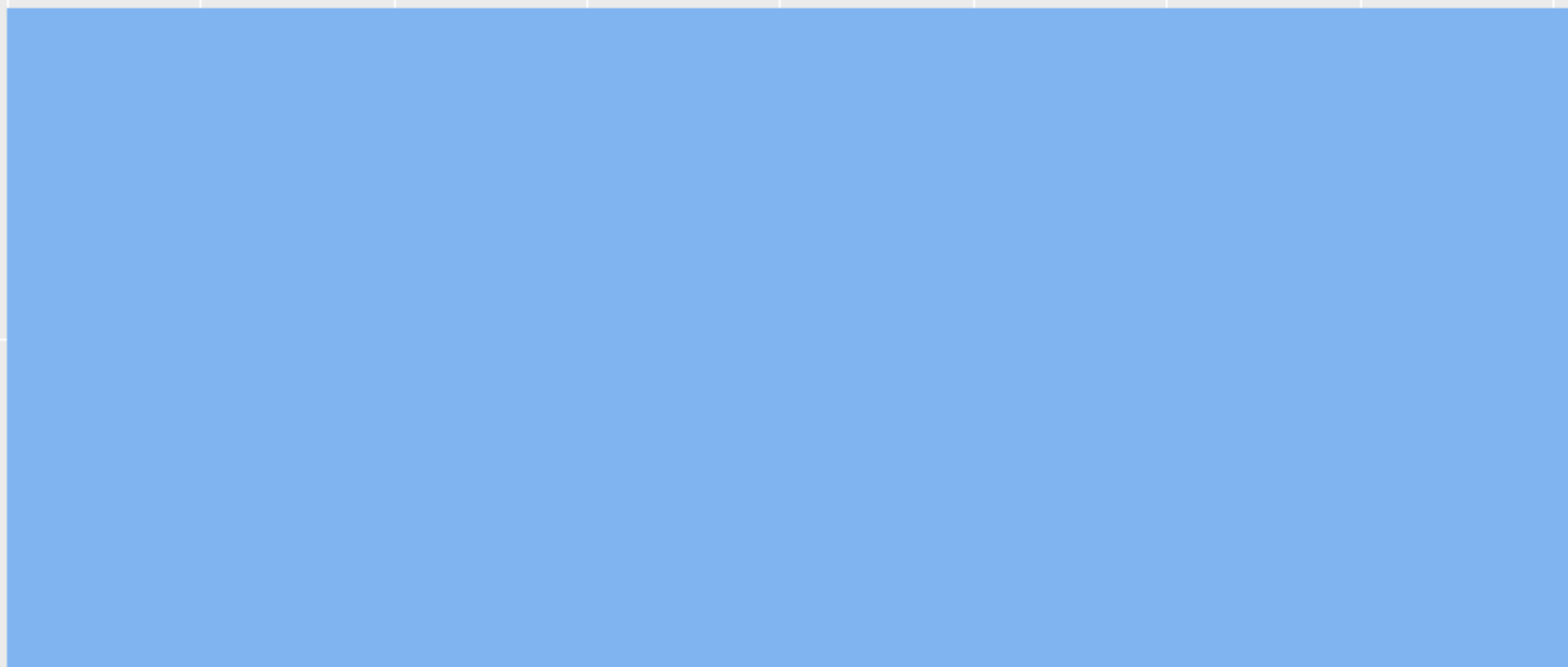
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5.0

7.5

10.0

Functional Enrichment



mitochondrion organization

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 9/44

0

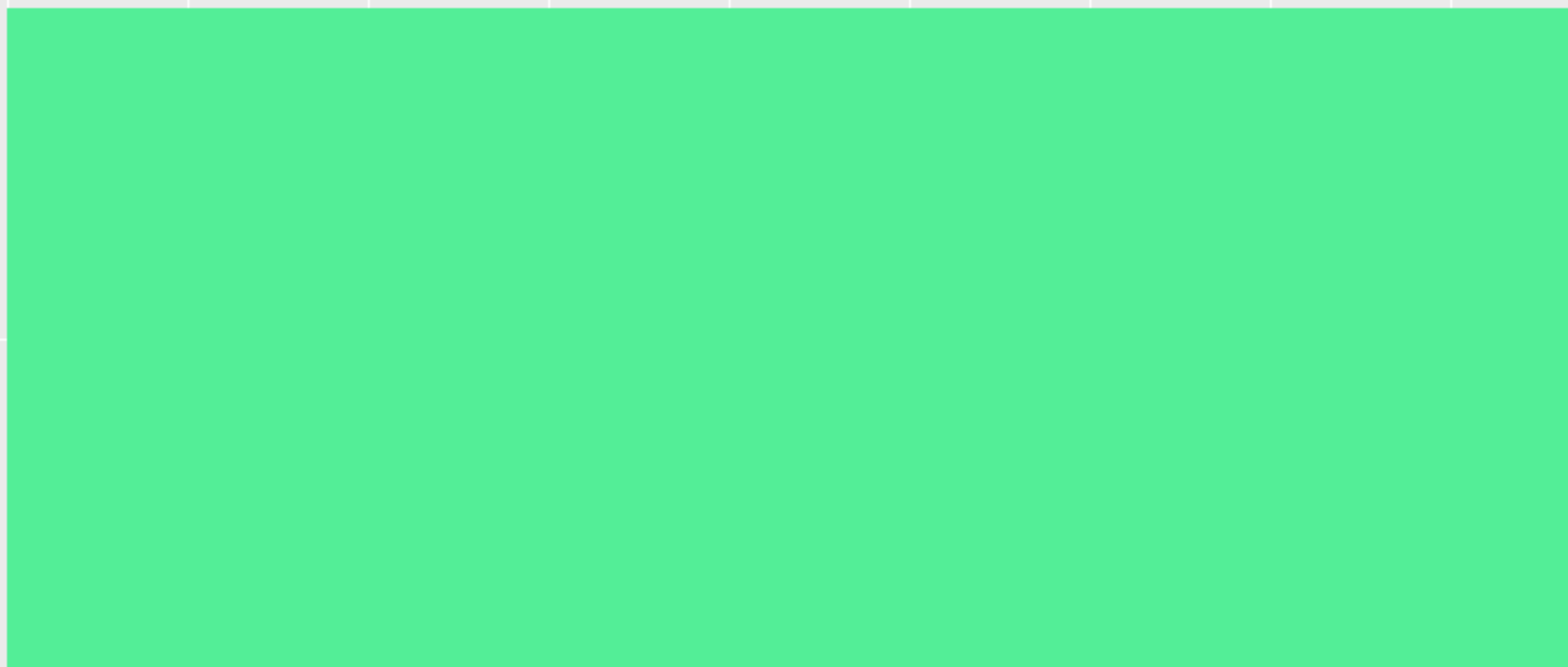
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2

3

4

Functional Enrichment



mitochondrion organization

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 12/42

0

1

2

3

4

Functional Enrichment



mitochondrion organization

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/30

0

1

2

3

4

Functional Enrichment



mitotic cell cycle

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

Cluster 1/44

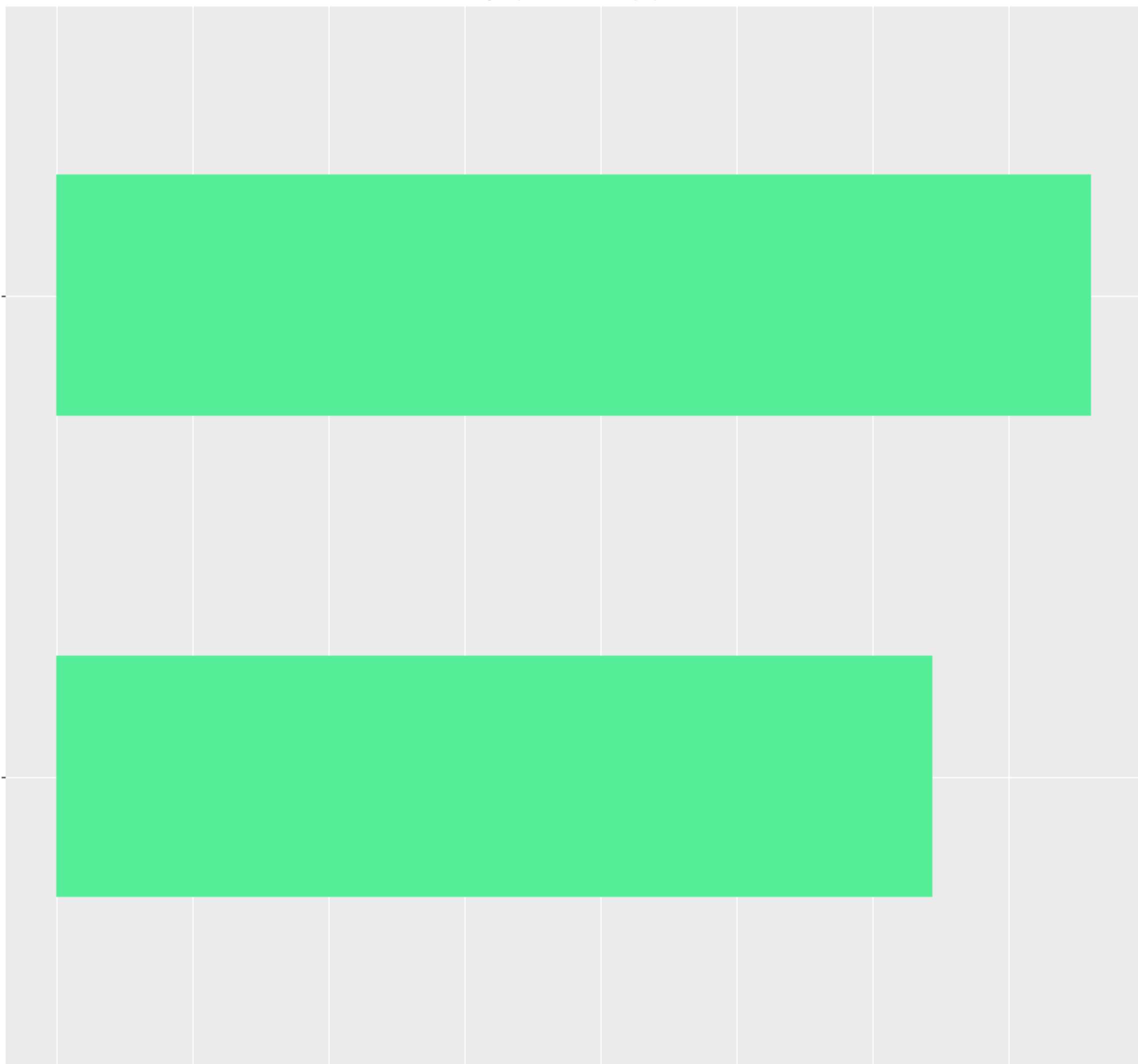
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4

6

Functional Enrichment



mitotic cell cycle

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

Cluster 18/22

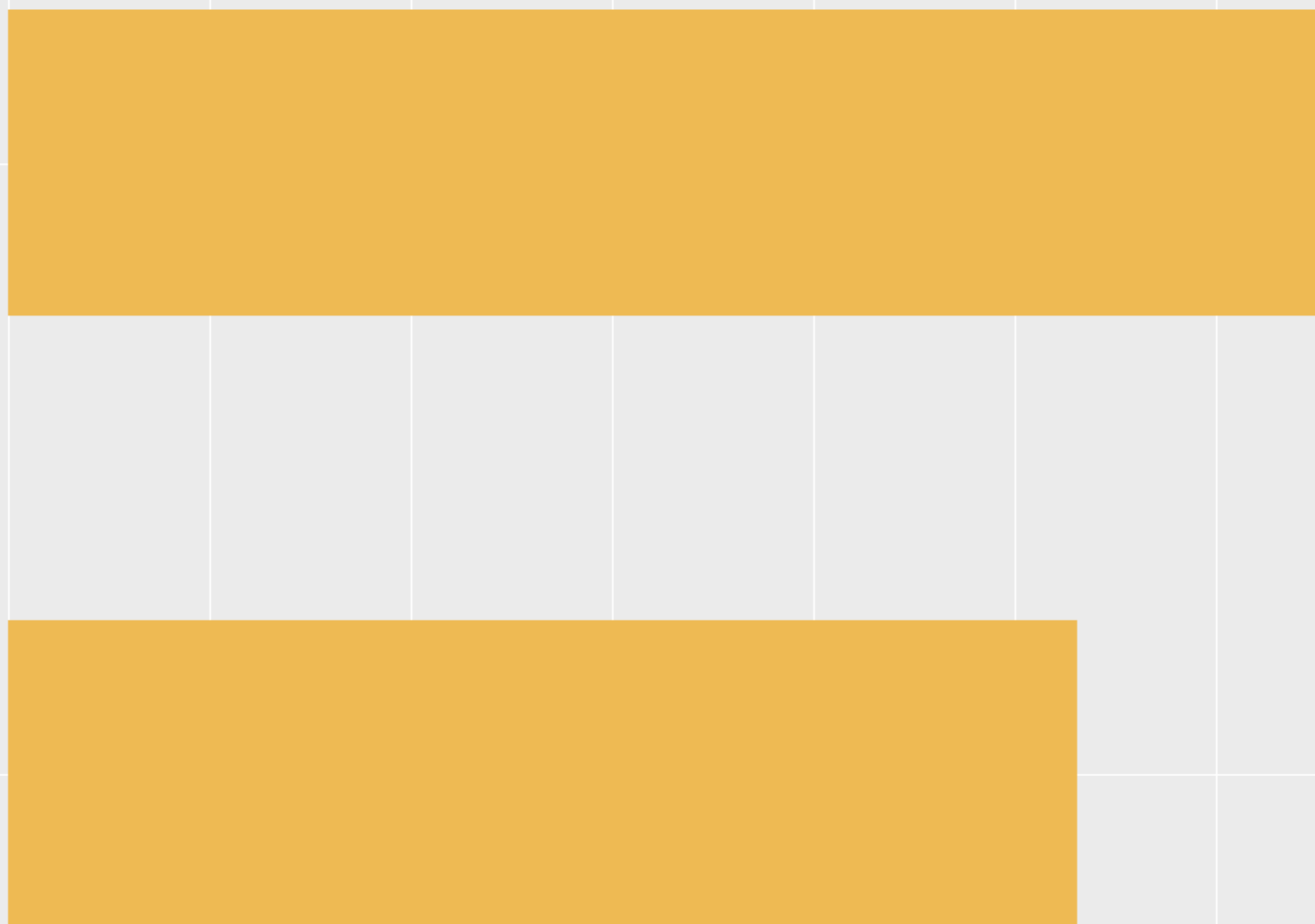
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4

6

Functional Enrichment



mitotic cell cycle

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

Cluster 7/42

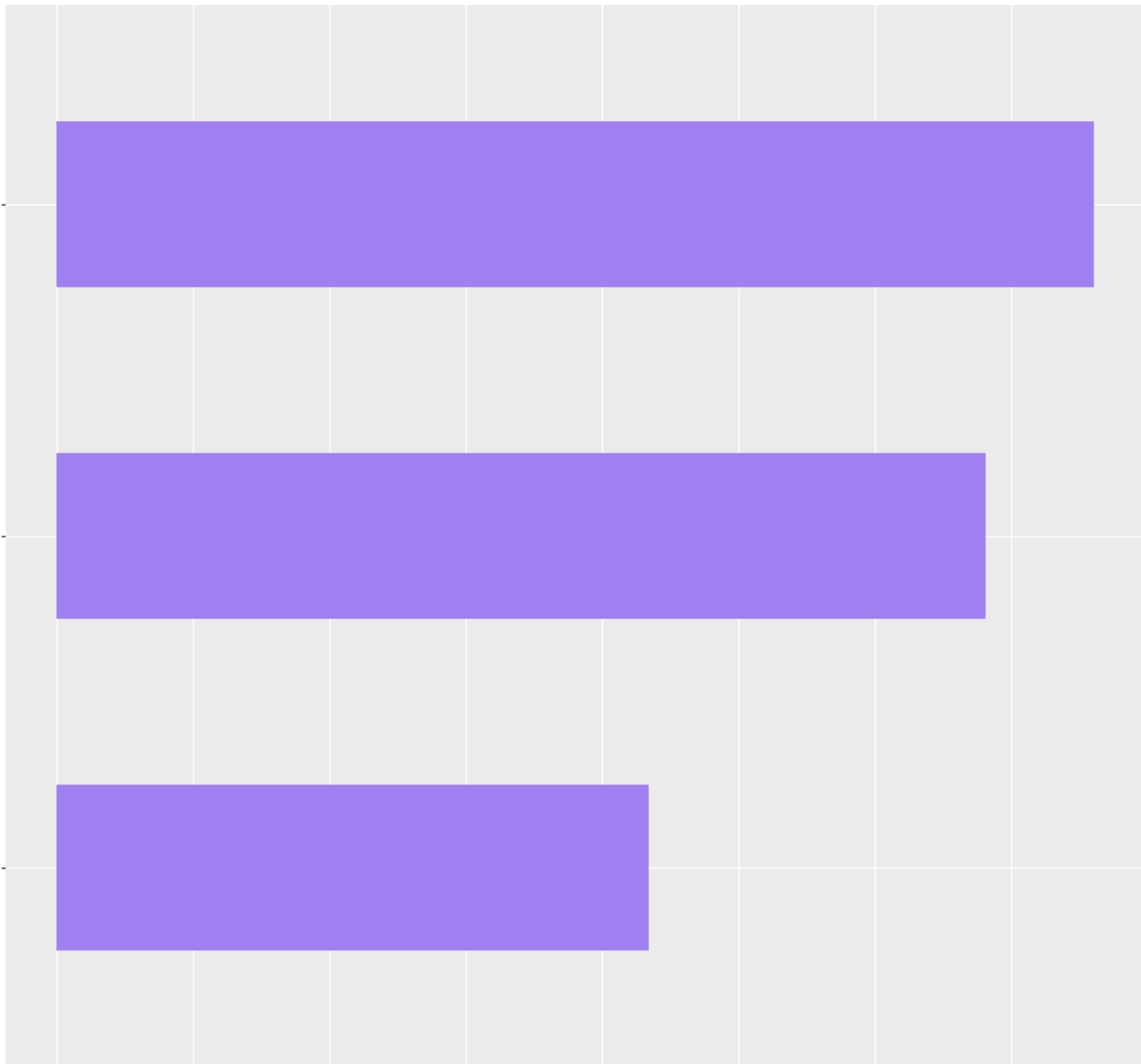
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2

4

6

Functional Enrichment



mitotic cell cycle

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0.0

2.5

5.0

7.5

10.0

Functional Enrichment



mRNA processing

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

Cluster 11/44

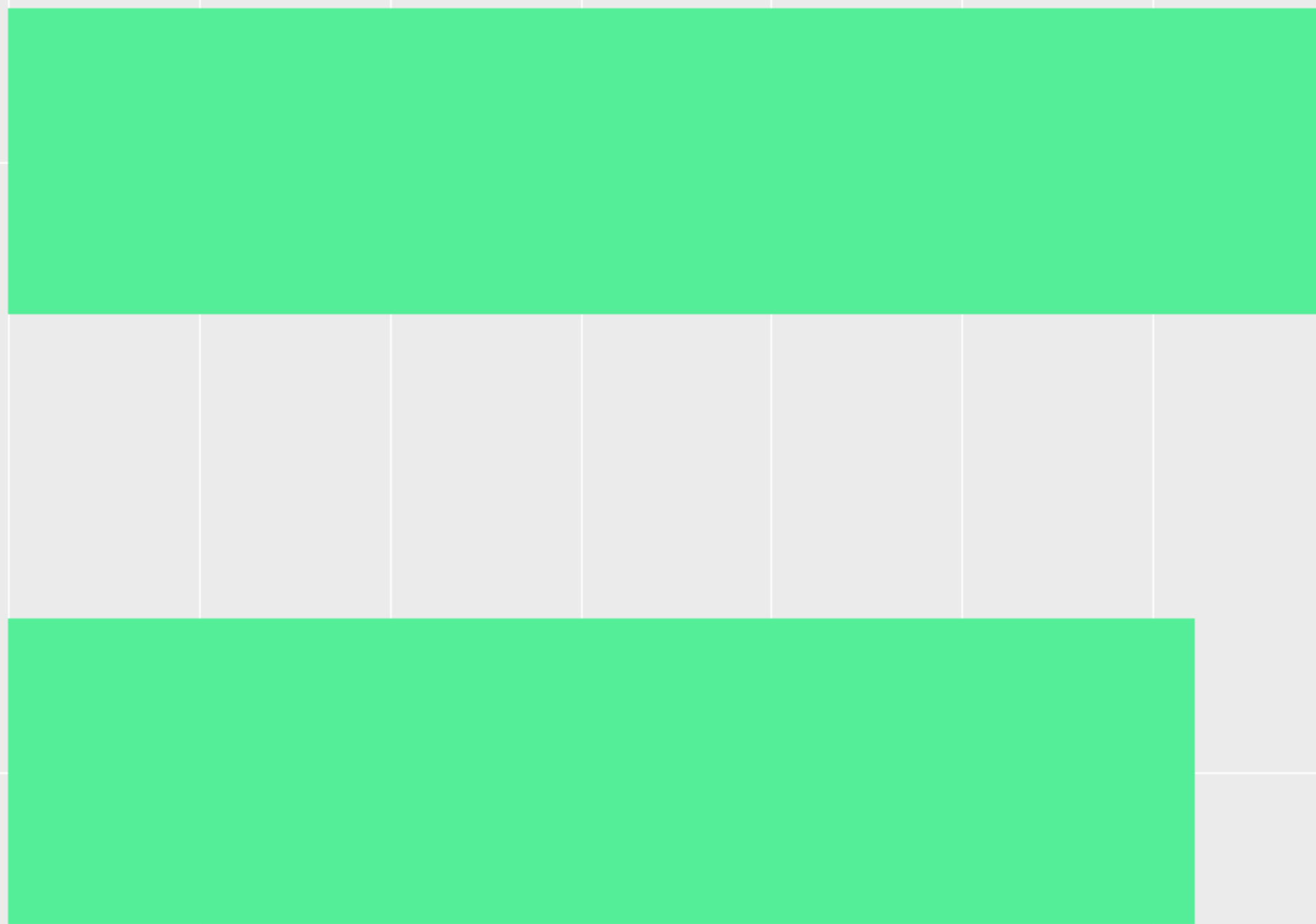
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4

6

Functional Enrichment



mRNA processing

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

2

4

6

Functional Enrichment



mRNA processing

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

Cluster 14/42

0

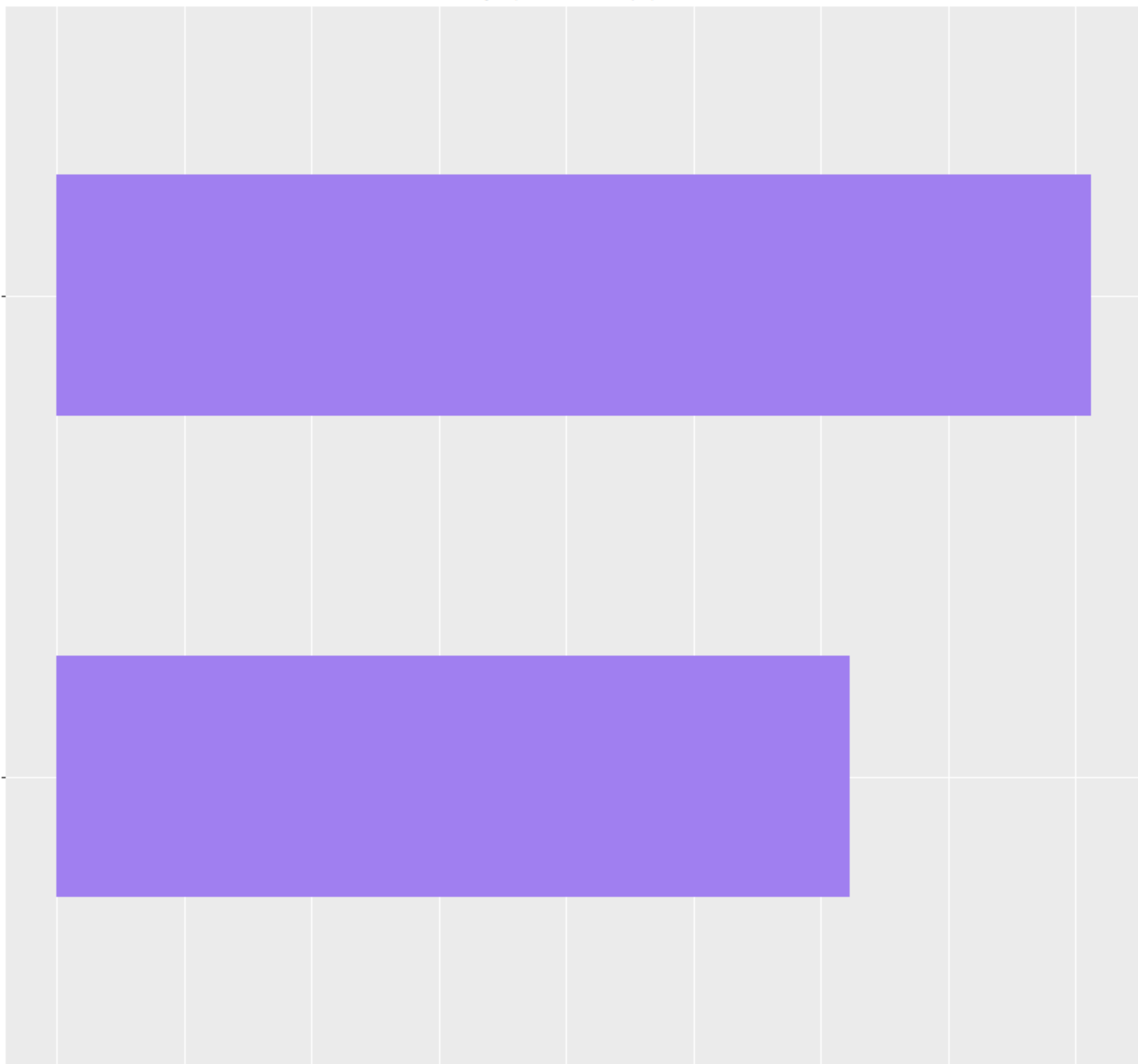
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4

6

8

Functional Enrichment



nuclear transport

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/44

Cluster 3/44

0

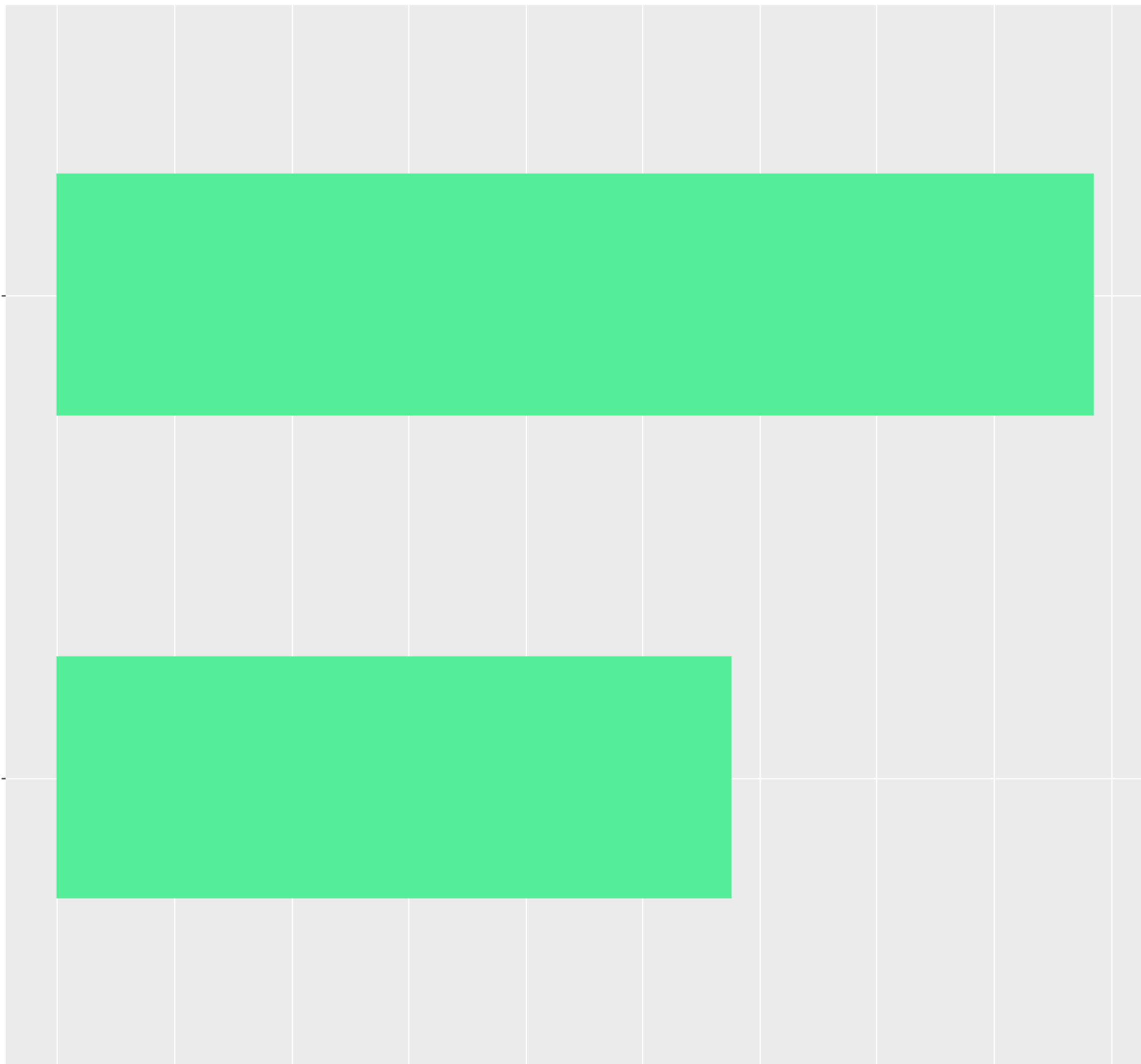
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2

3

4

Functional Enrichment



nuclear transport

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 17/22

Cluster 21/22

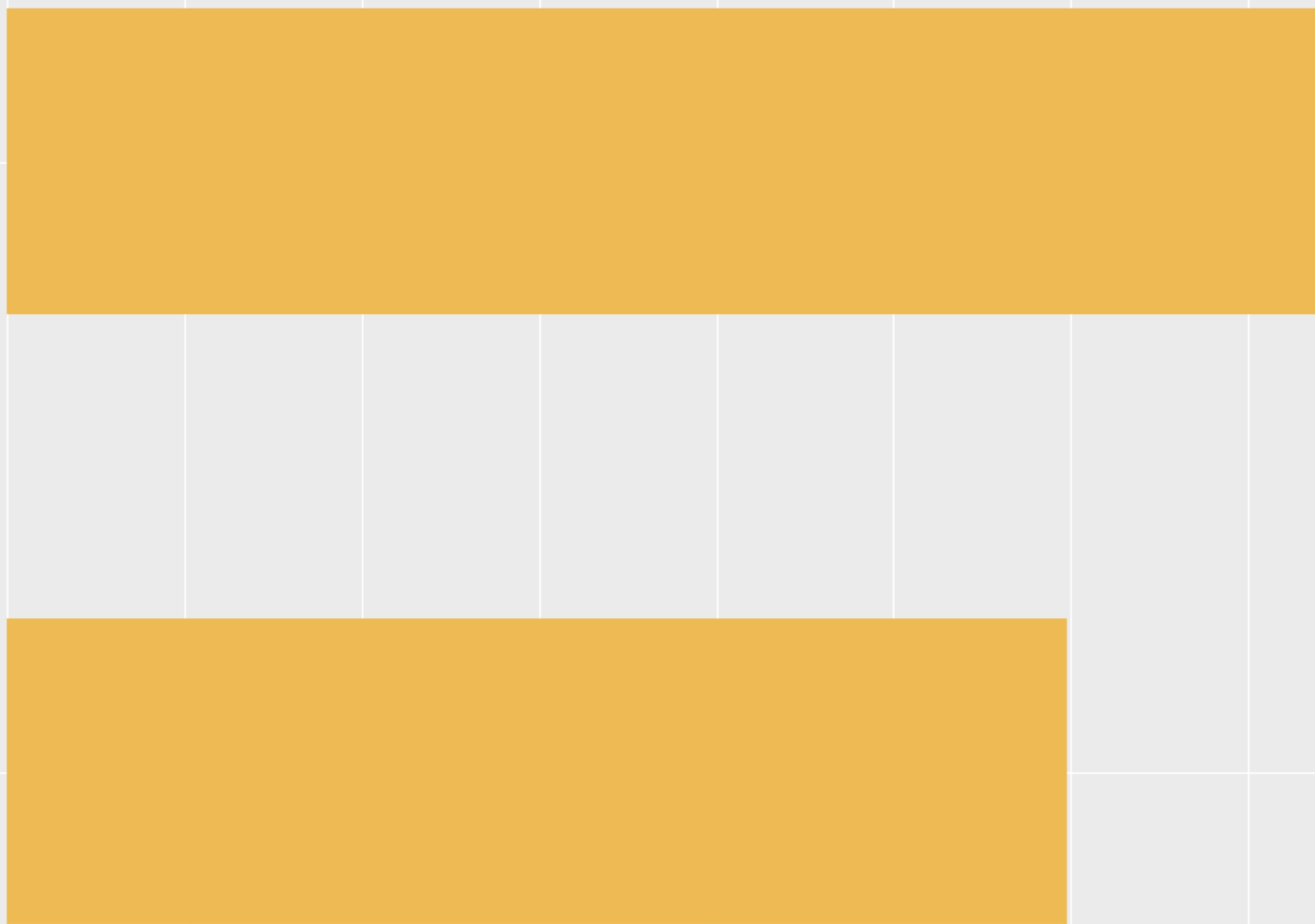
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3

Functional Enrichment



nuclear transport

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 7/42

Cluster 11/42

Cluster 8/42

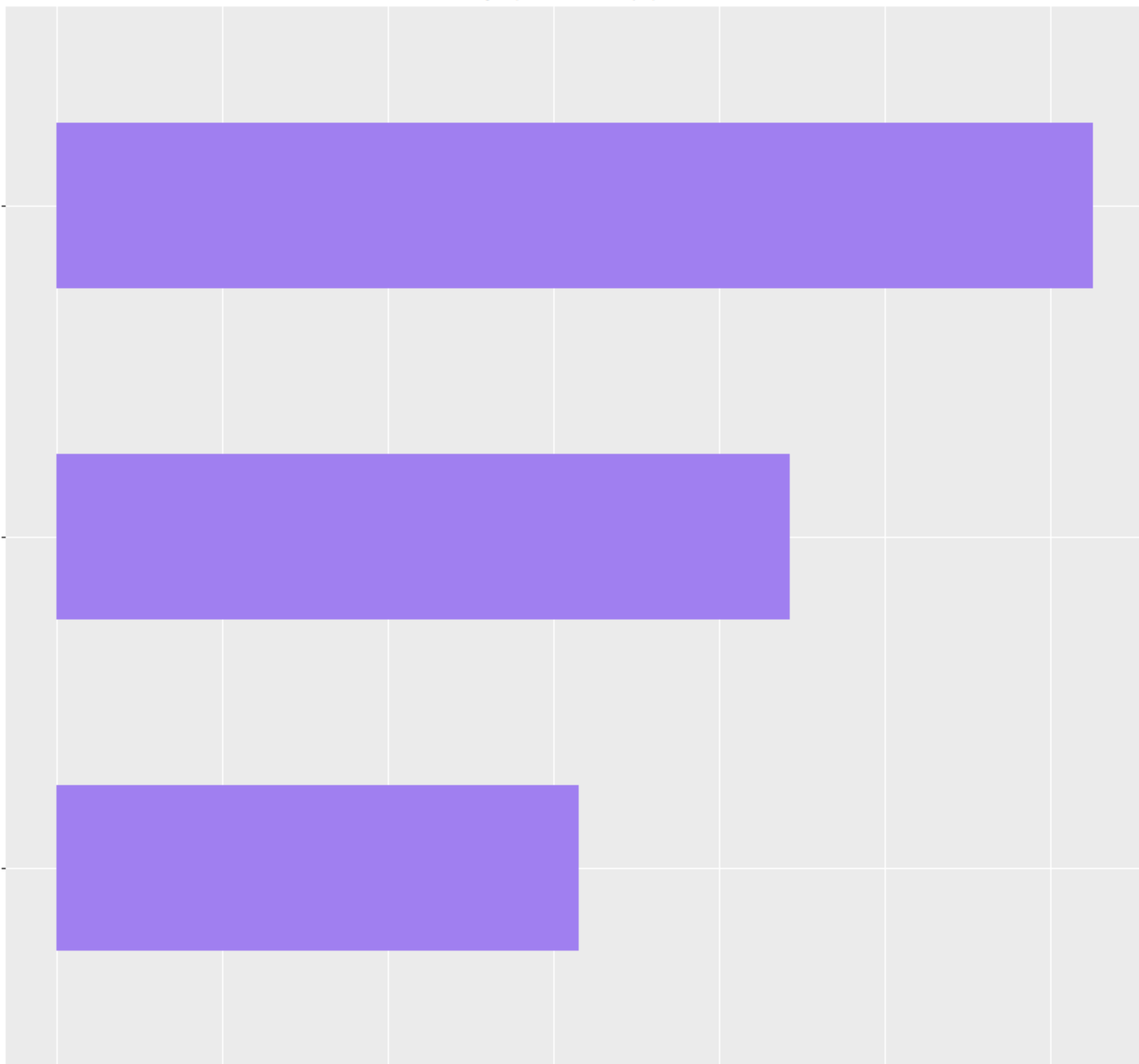
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2

4

6

Functional Enrichment



nucleobase-containing compound transport

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



nucleobase-containing compound transport

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

Functional Enrichment



nucleobase-containing compound transport

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

0

1

2

3

Functional Enrichment



nucleobase-containing small molecule metabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

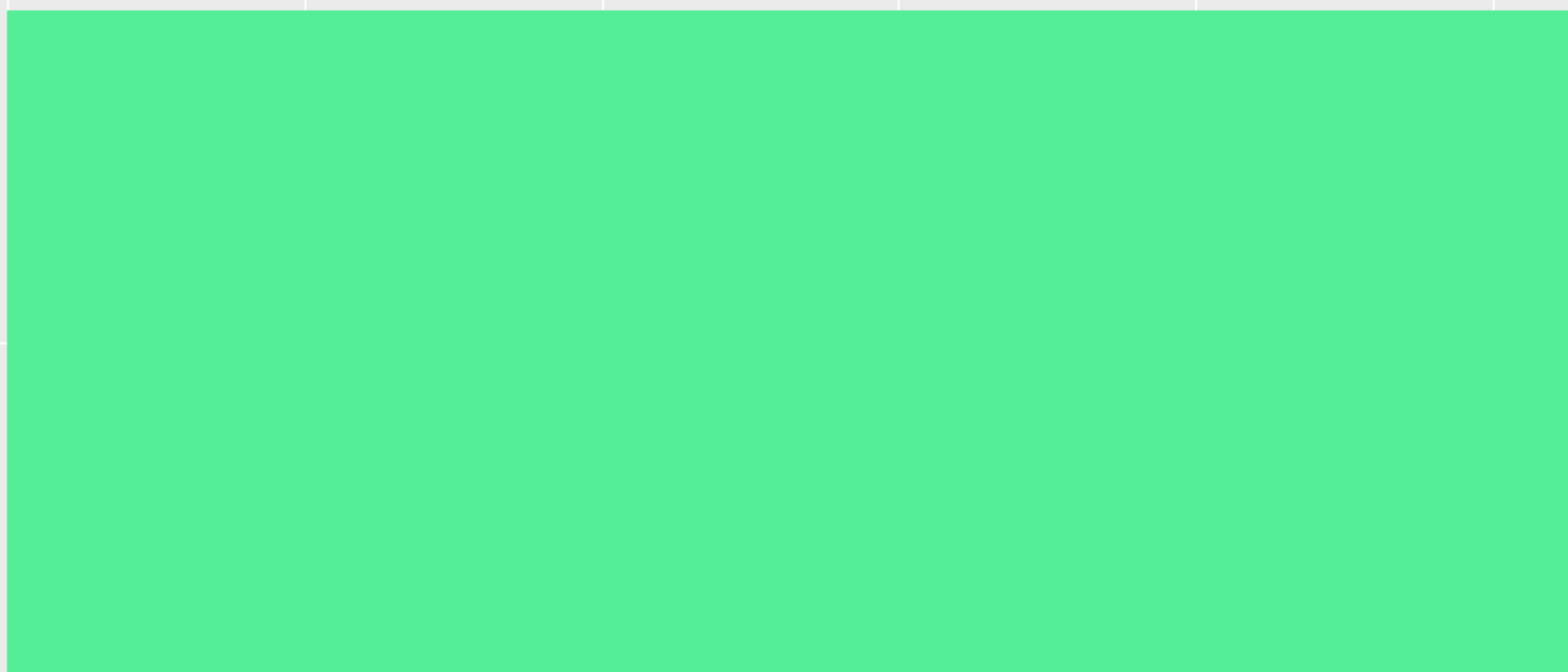
Cluster 9/44

0

2

4

Functional Enrichment



nucleobase-containing small molecule metabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 12/42

0

2

4

Functional Enrichment



nucleobase-containing small molecule metabolic process

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/30

0

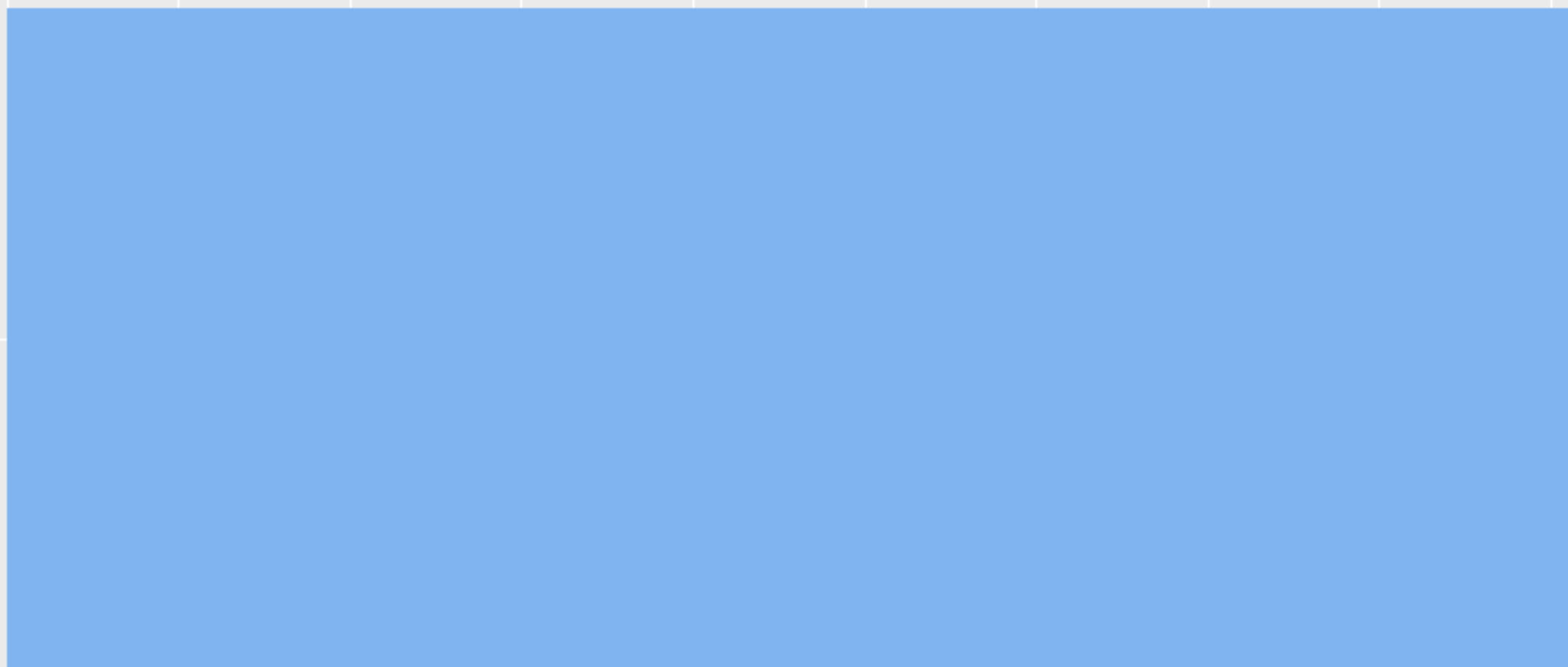
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2

3

4

Functional Enrichment



nucleus organization

With CellCycle | Without AreaShape | All Genes

Cluster

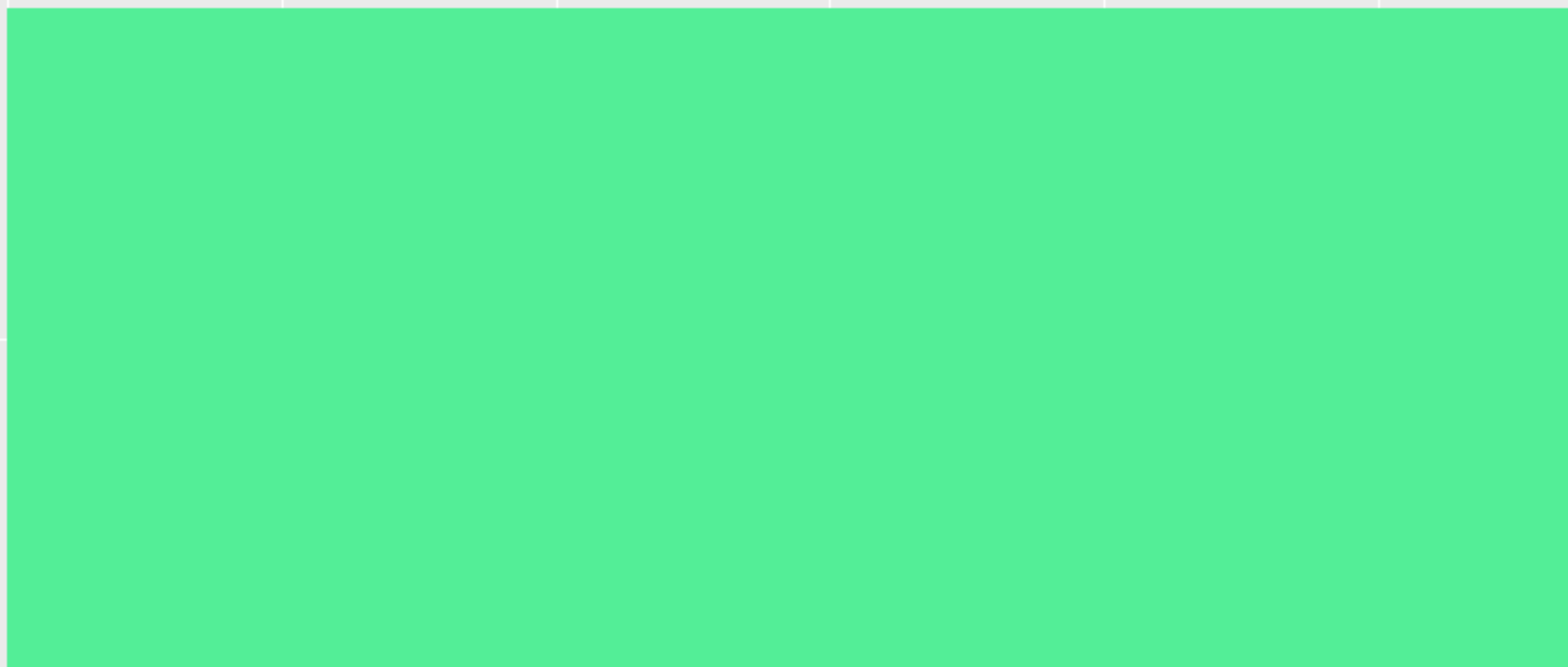
Cluster 3/44

0

1

2

Functional Enrichment



nucleus organization

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

Functional Enrichment



organelle assembly

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 11/22

0

2

4

6

8

Functional Enrichment



organelle fission

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

Cluster 1/44

Cluster 28/44

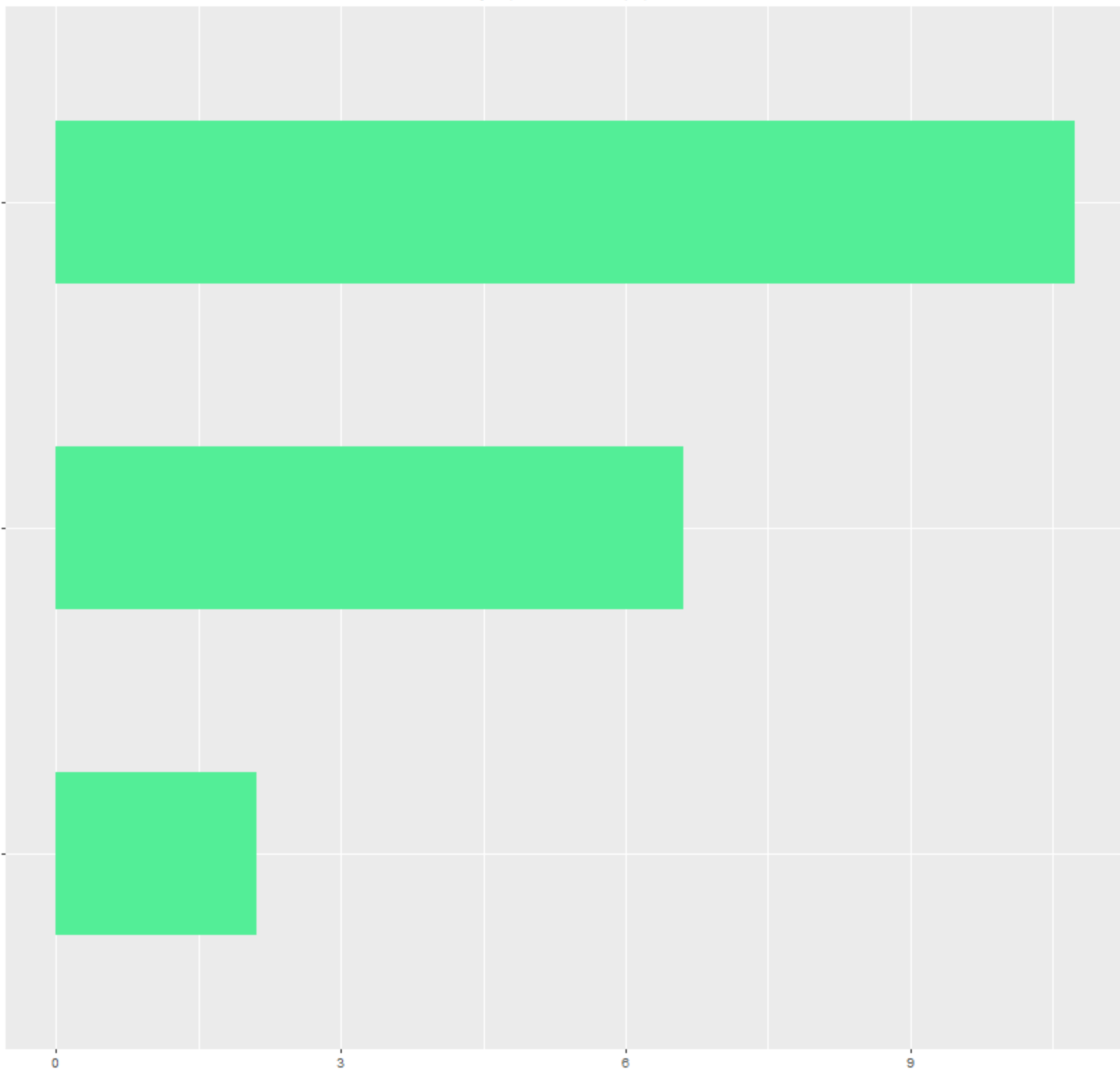
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3

6

9

Functional Enrichment



organelle fission

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

2

4

6

Functional Enrichment



organelle fission

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

Cluster 7/42

Cluster 26/42

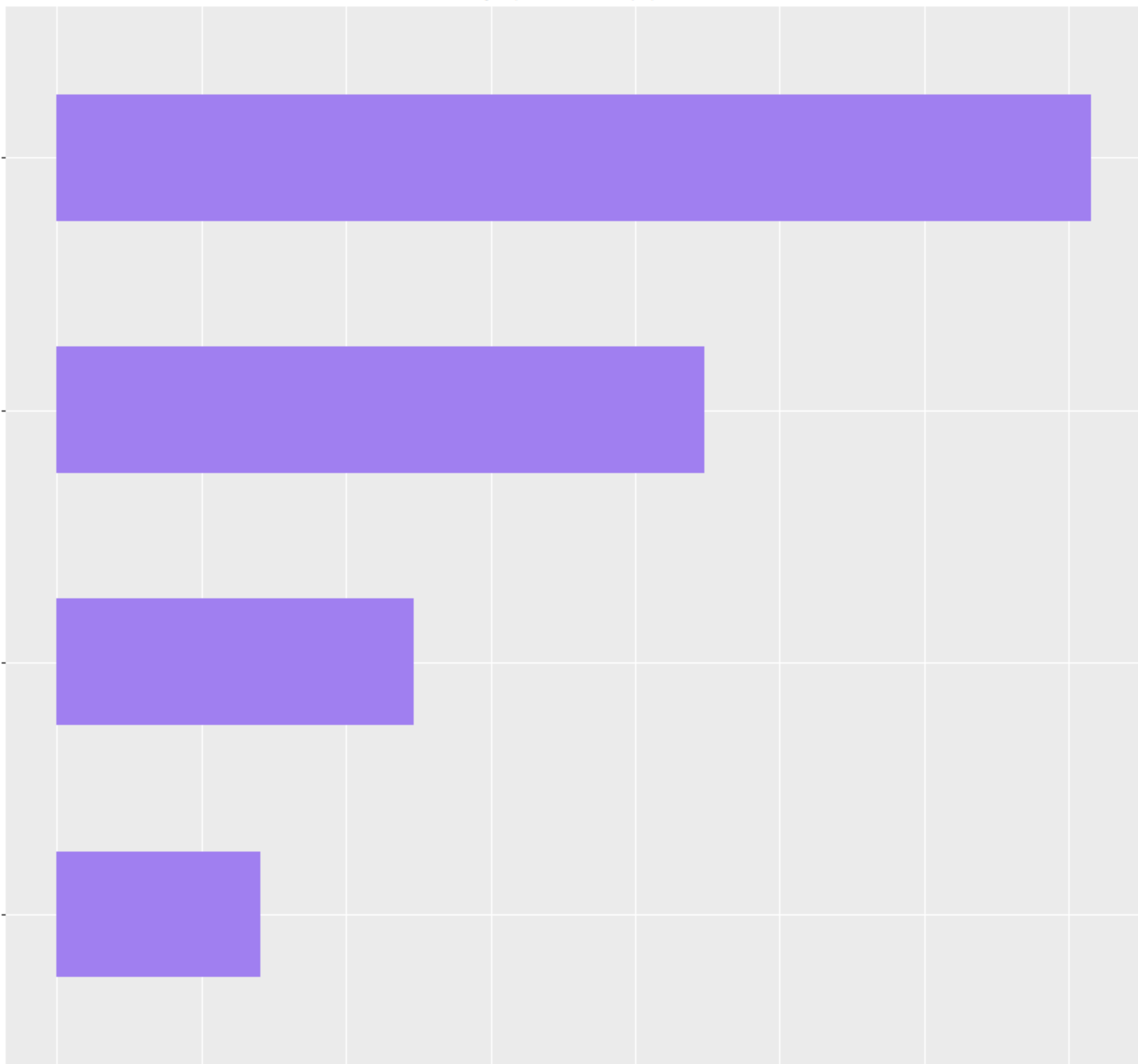
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3

6

9

Functional Enrichment



organelle fission

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

Cluster 16/30

0.0

2.5

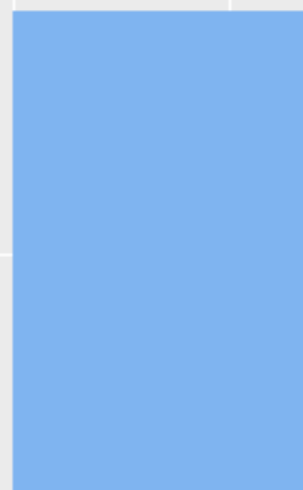
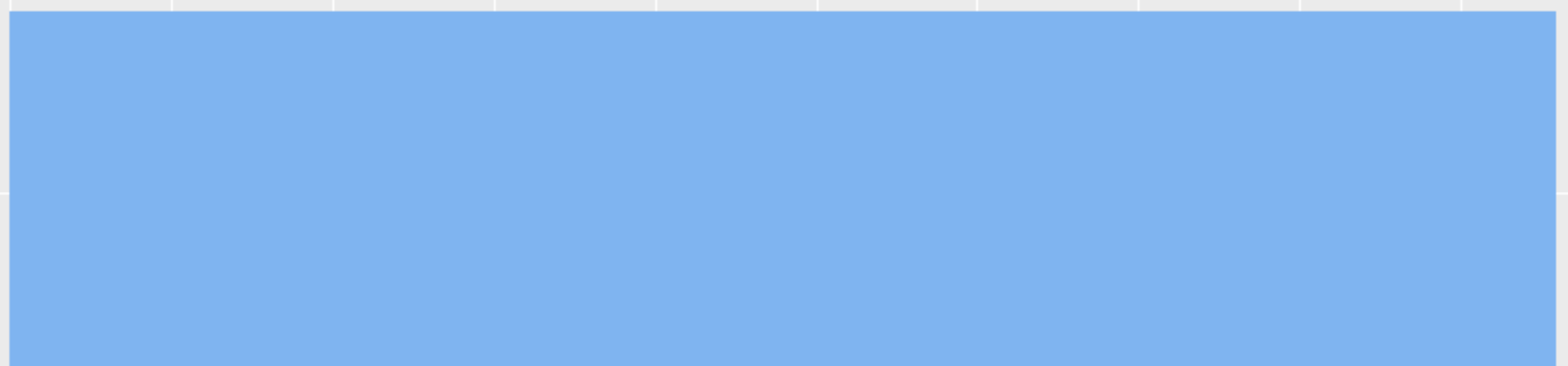
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7.5

10.0

12.5

Functional Enrichment



organelle fusion

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0

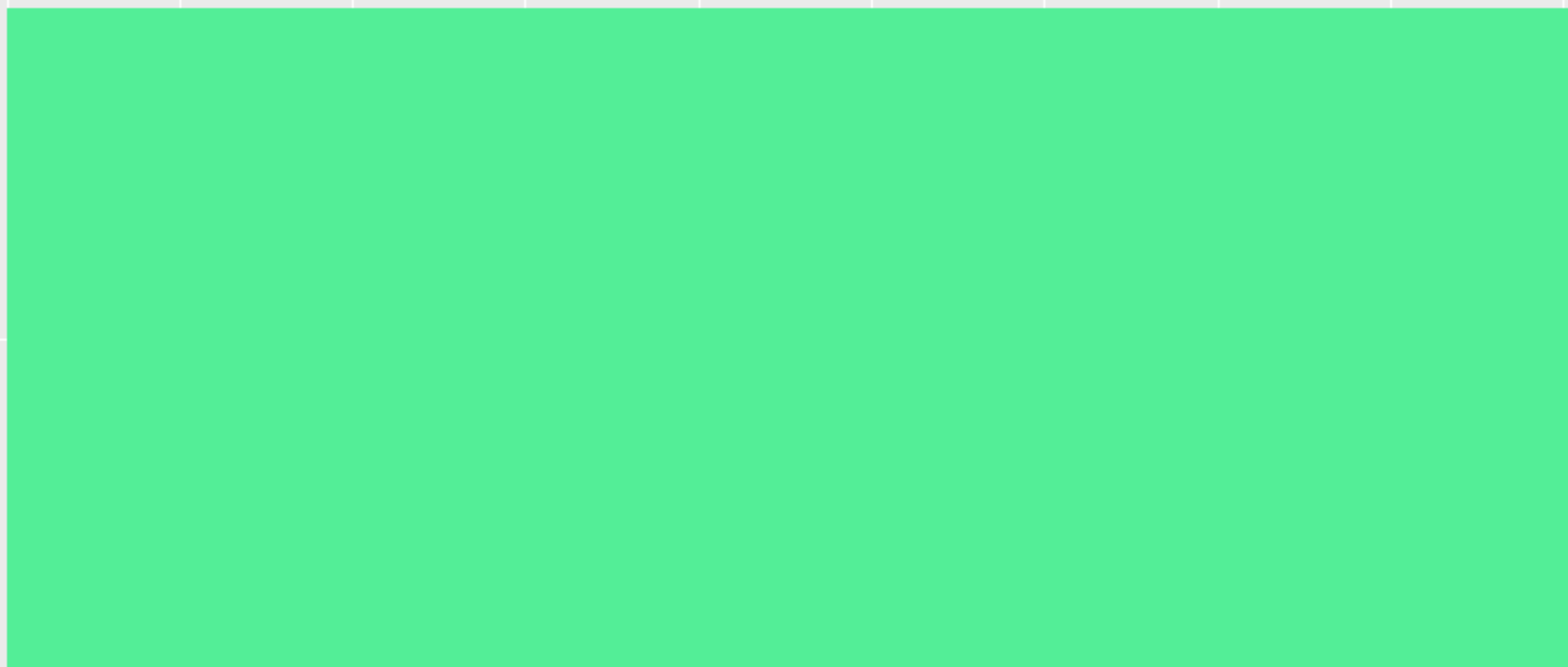
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3

4

Functional Enrichment



organelle fusion

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

4

Functional Enrichment



organelle inheritance

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

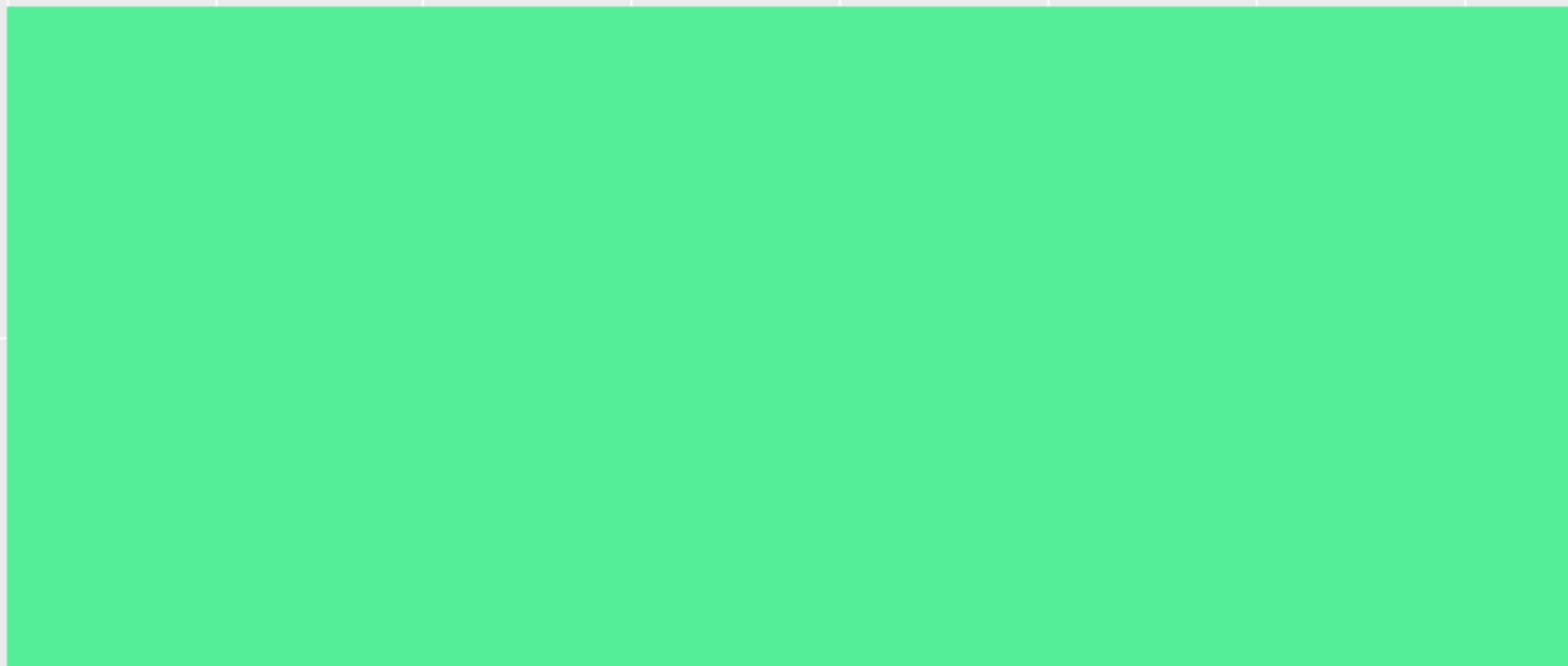
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1

2

3

Functional Enrichment



organelle inheritance

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

Functional Enrichment



peptidyl-amino acid modification

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 22/44

Cluster 3/44

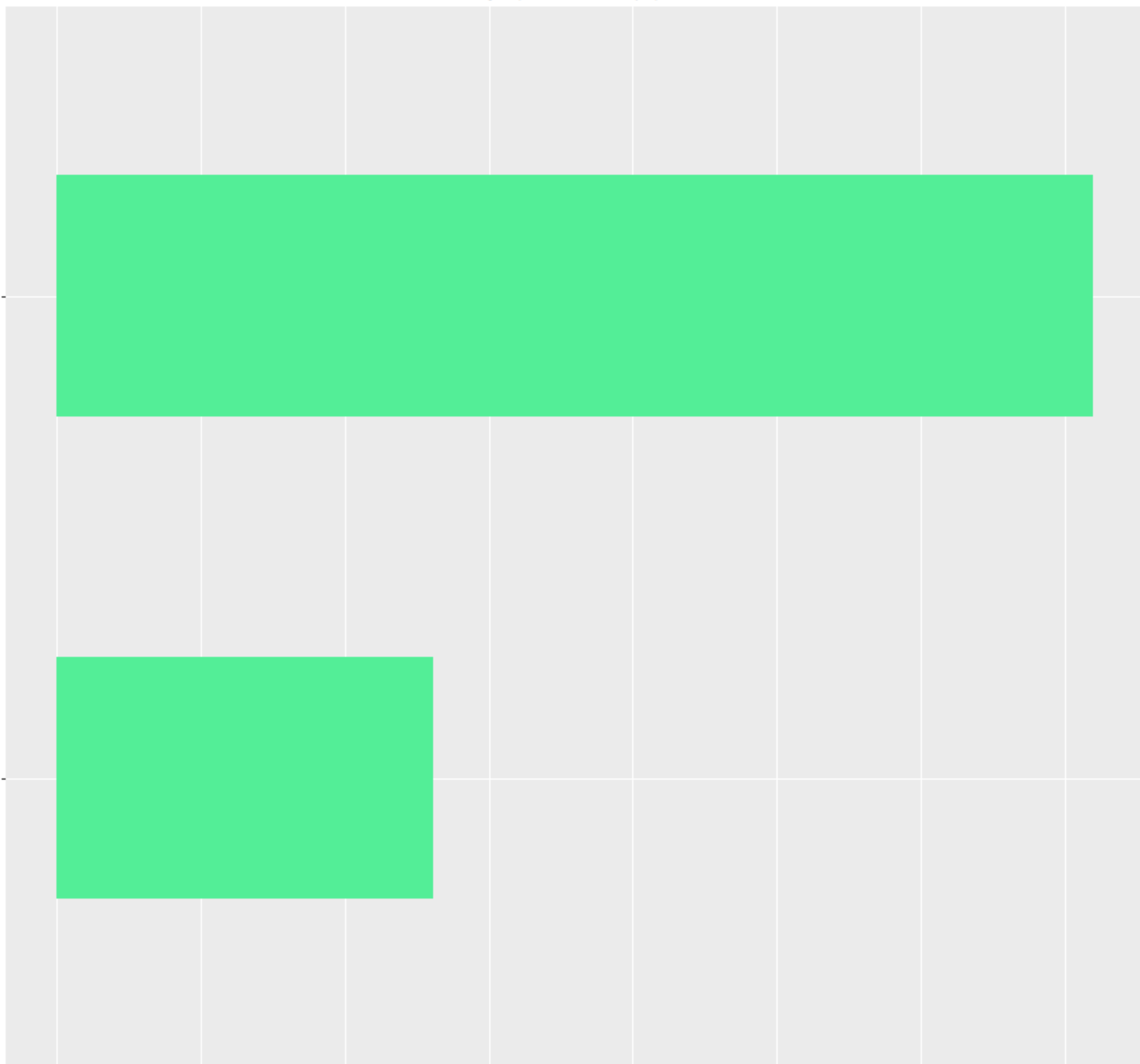
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4

6

Functional Enrichment



Cluster

Cluster 21/22

0

1

2

Functional Enrichment



peptidyl-amino acid modification
With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 21/42

Cluster 8/42

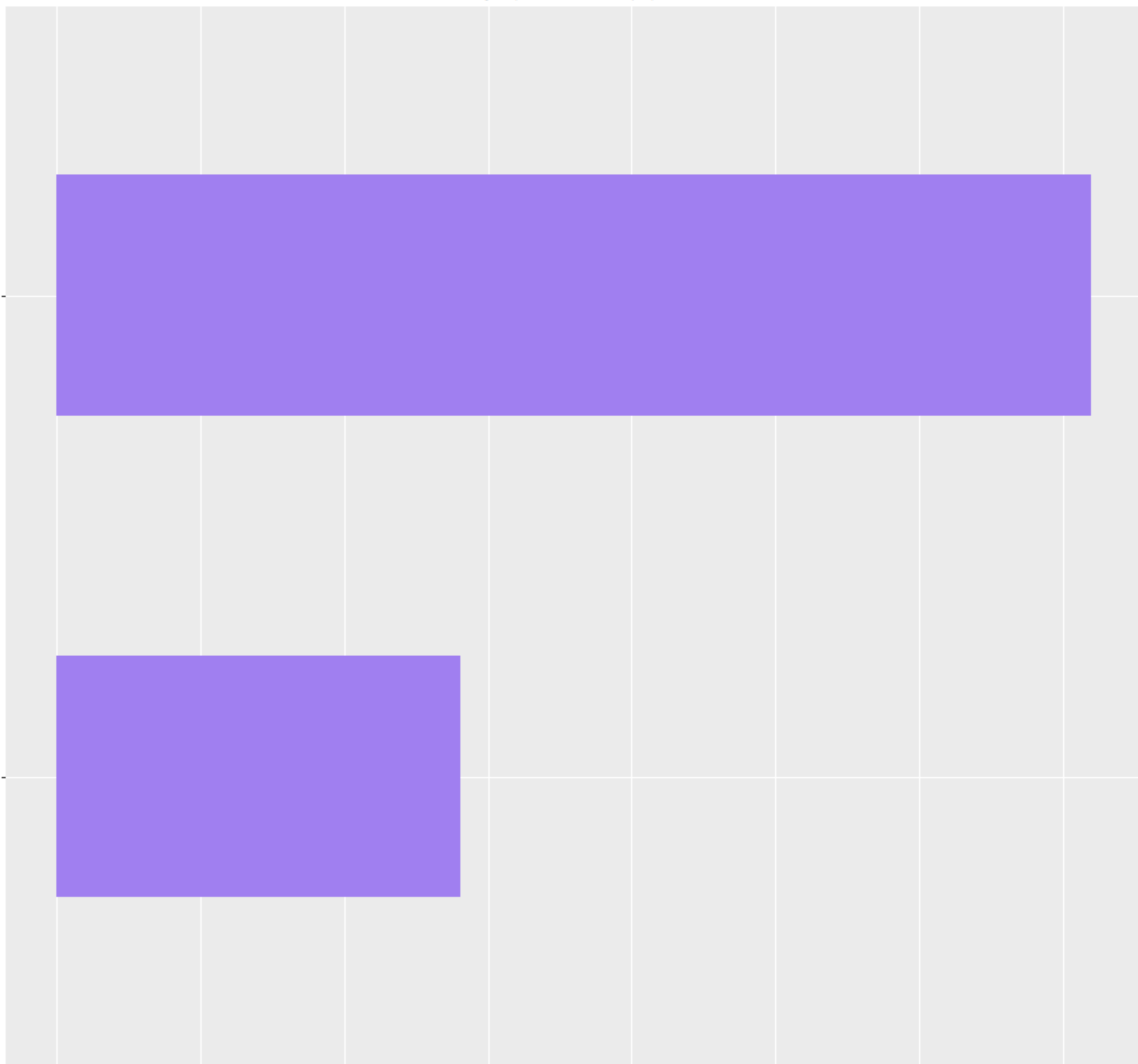
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2

4

6

Functional Enrichment



protein acylation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/44

Cluster 3/44

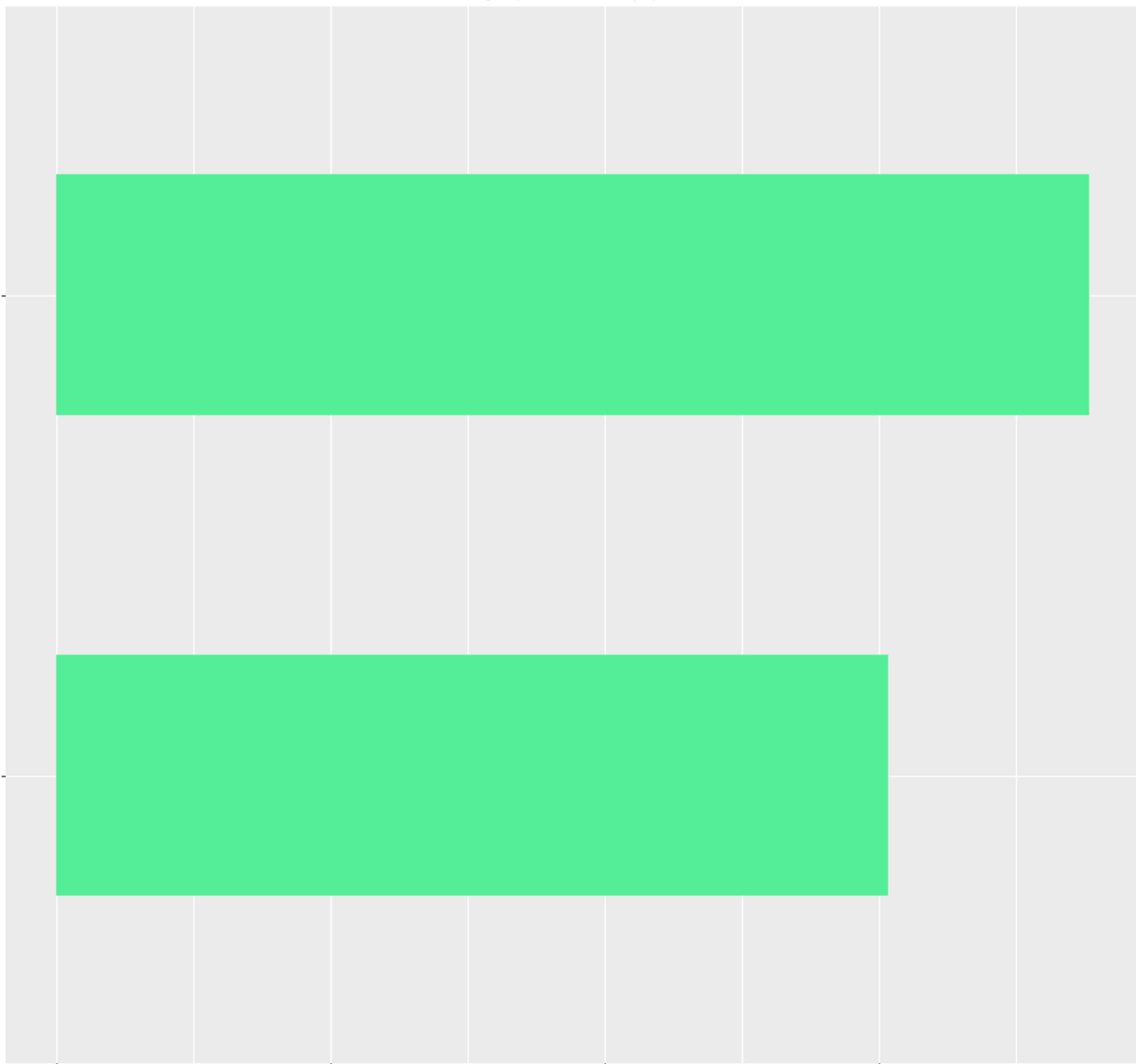
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1

2

3

Functional Enrichment



protein acylation

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

Functional Enrichment



protein acylation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 31/42

Cluster 8/42

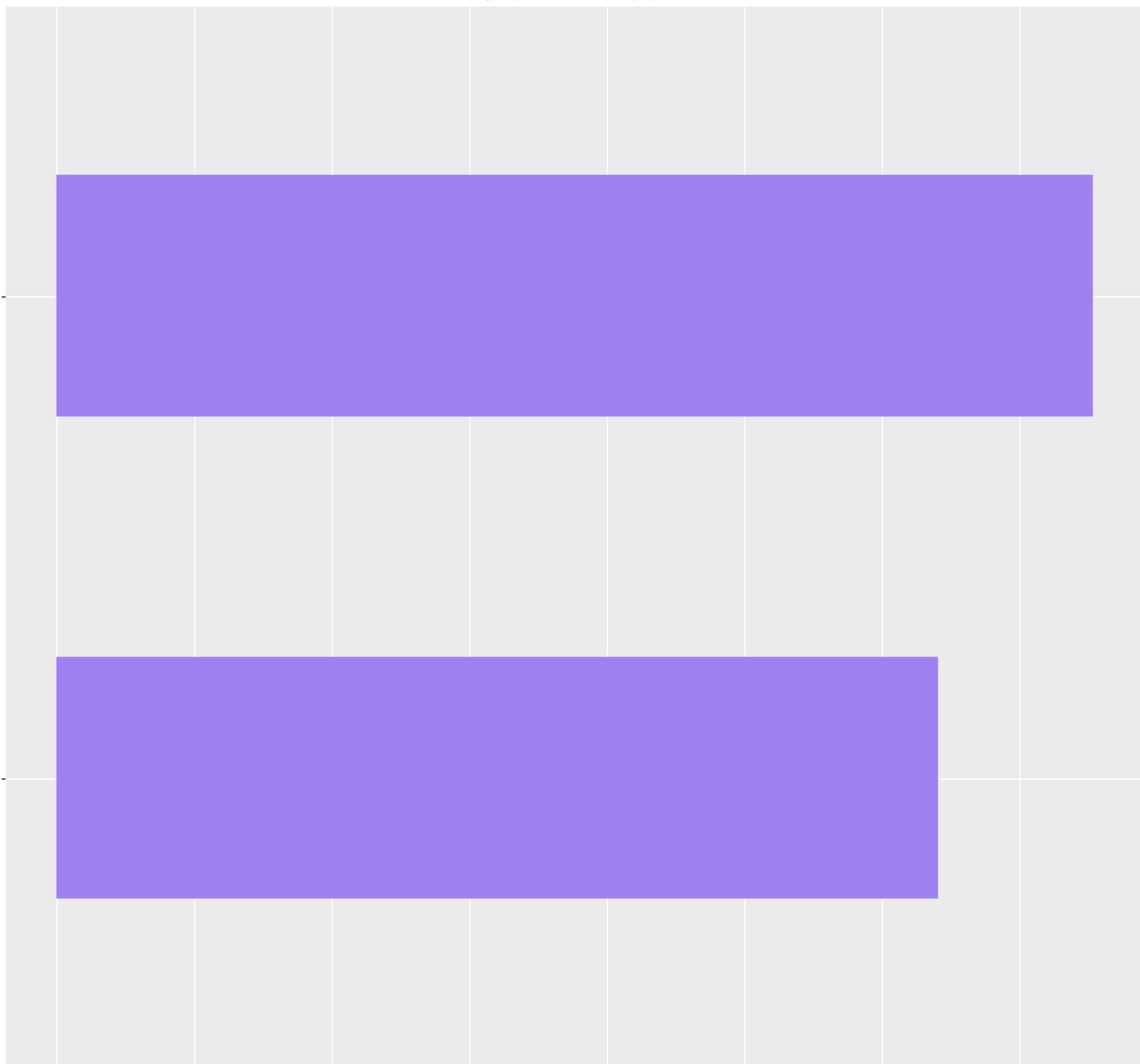
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1

2

3

Functional Enrichment



protein acylation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

0

1

2

3

Functional Enrichment



protein alkylation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 19/30

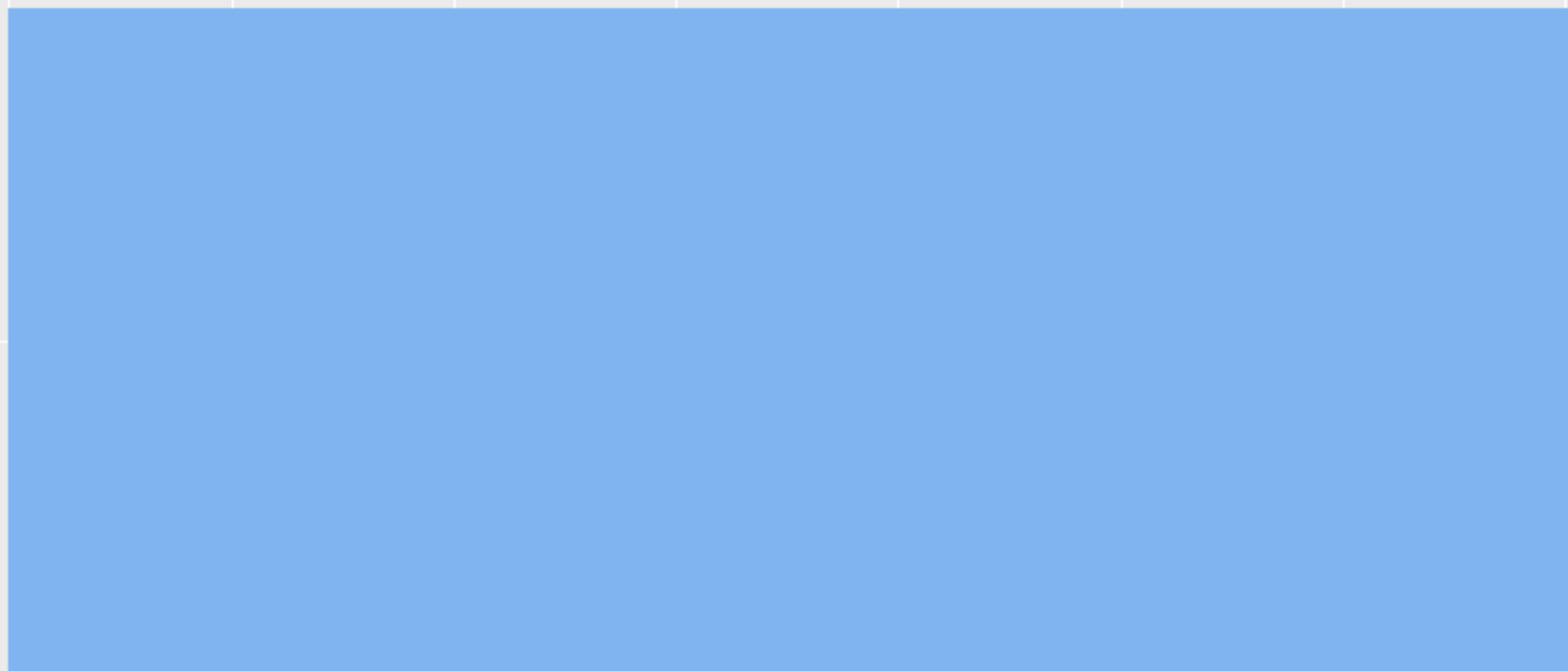
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1

2

3

Functional Enrichment



protein complex biogenesis

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

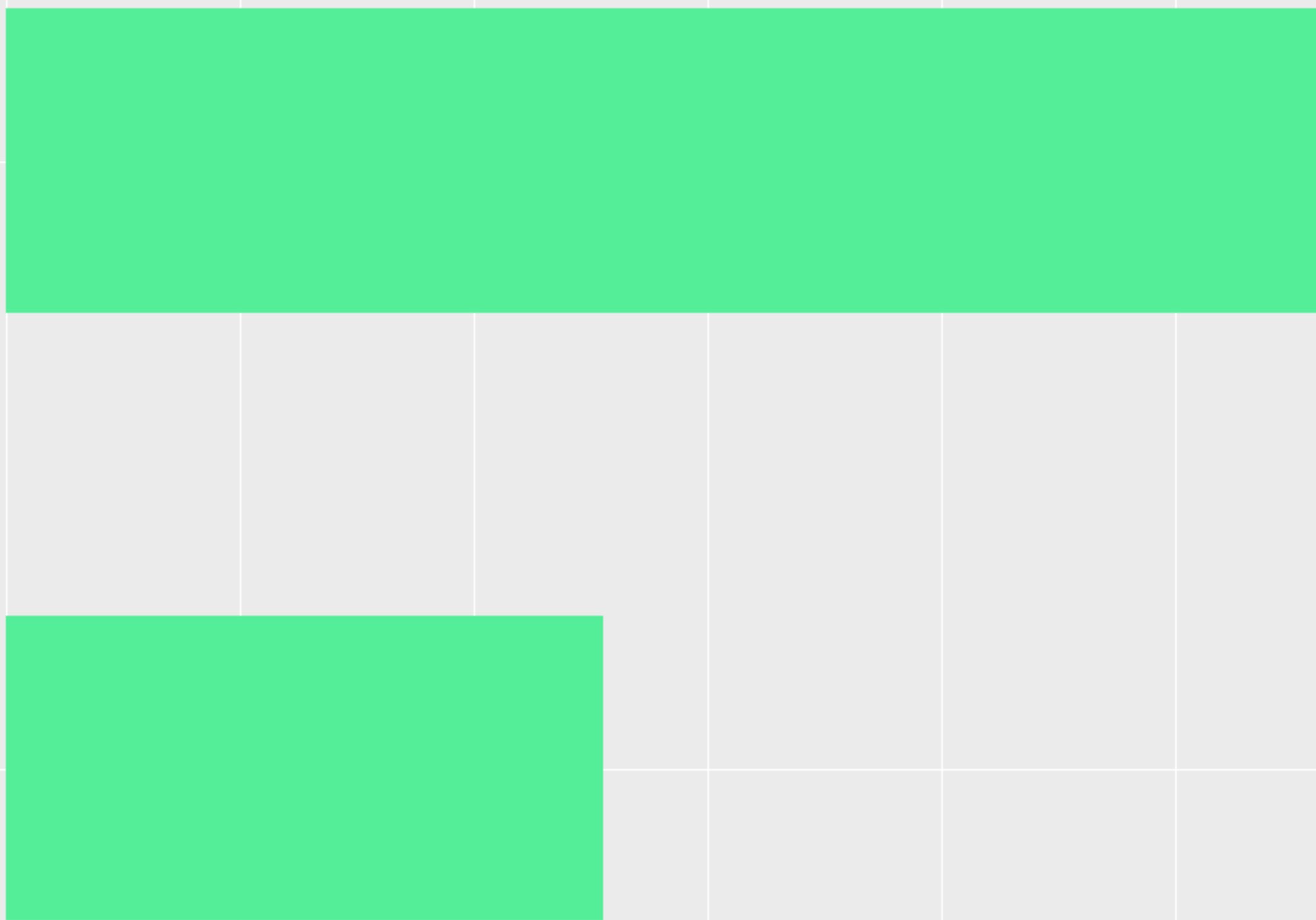
Cluster 3/44

0

2

4

Functional Enrichment



protein complex biogenesis

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

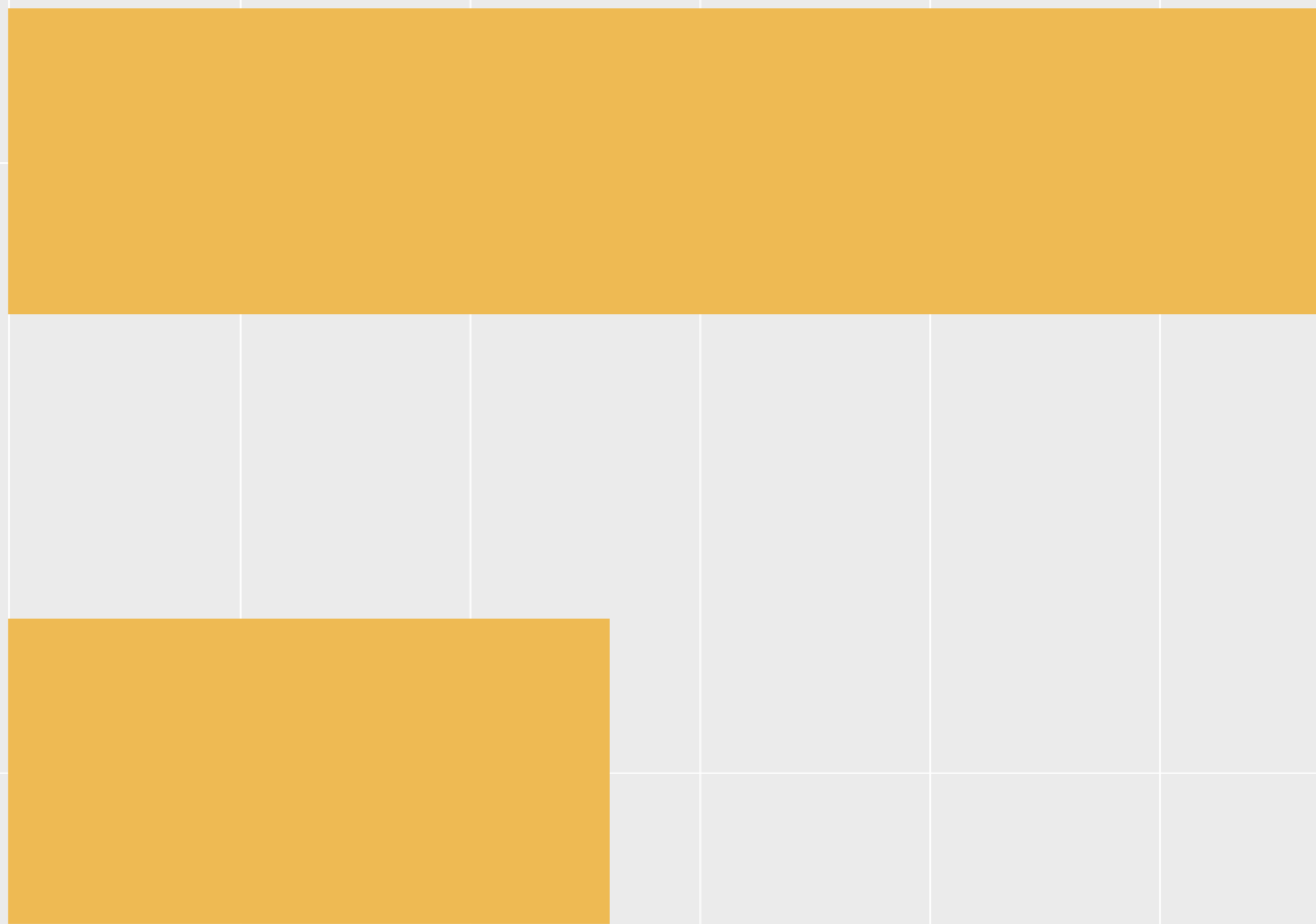
Cluster 21/22

0

2

4

Functional Enrichment



protein complex biogenesis

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 6/42

Cluster 8/42

0

1

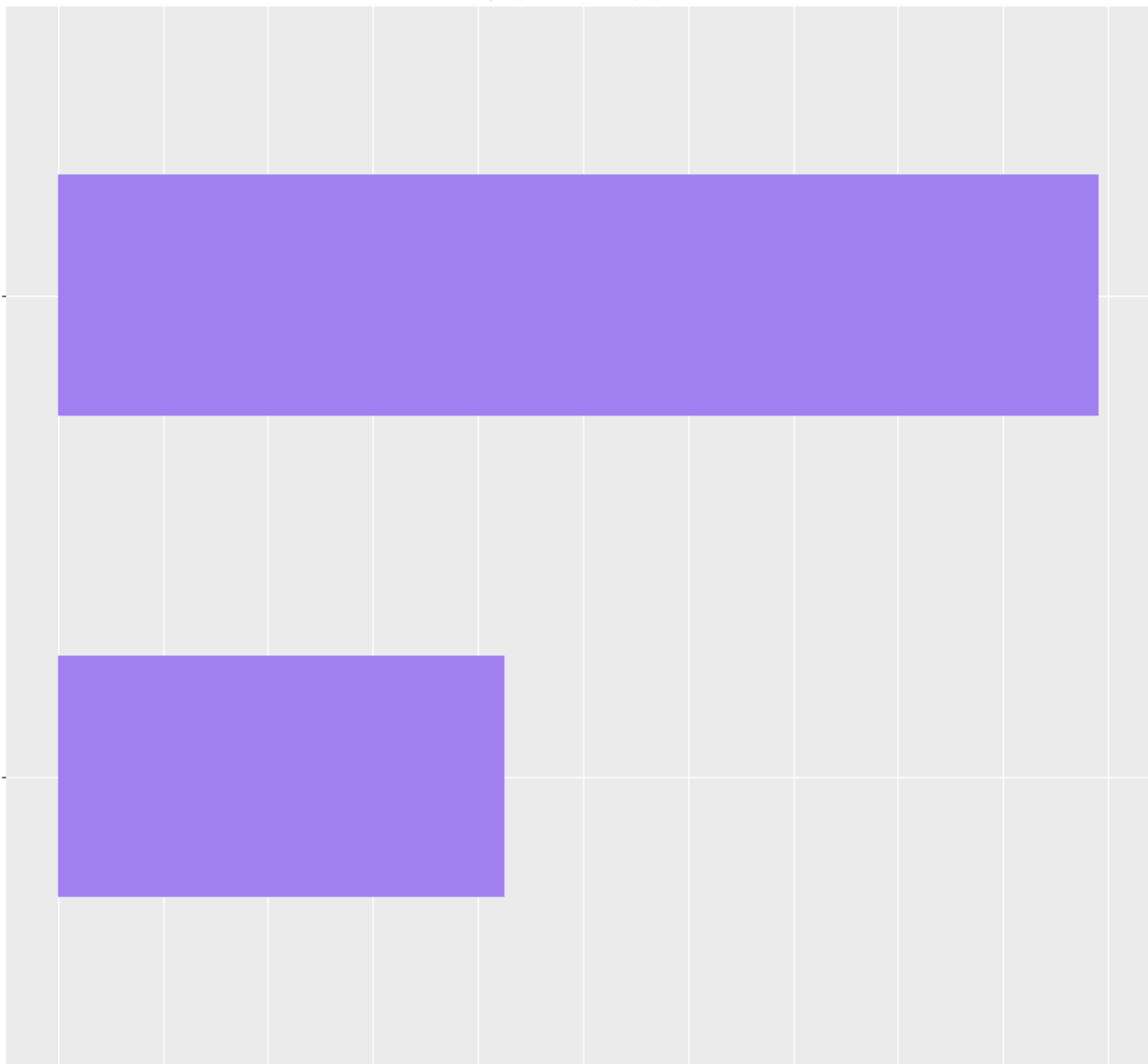
2

3

4

5

Functional Enrichment



protein lipidation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0

2

4

Functional Enrichment



protein lipidation

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

4

5

Functional Enrichment



protein lipidation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

0

2

4

6

Functional Enrichment



protein maturation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 27/44

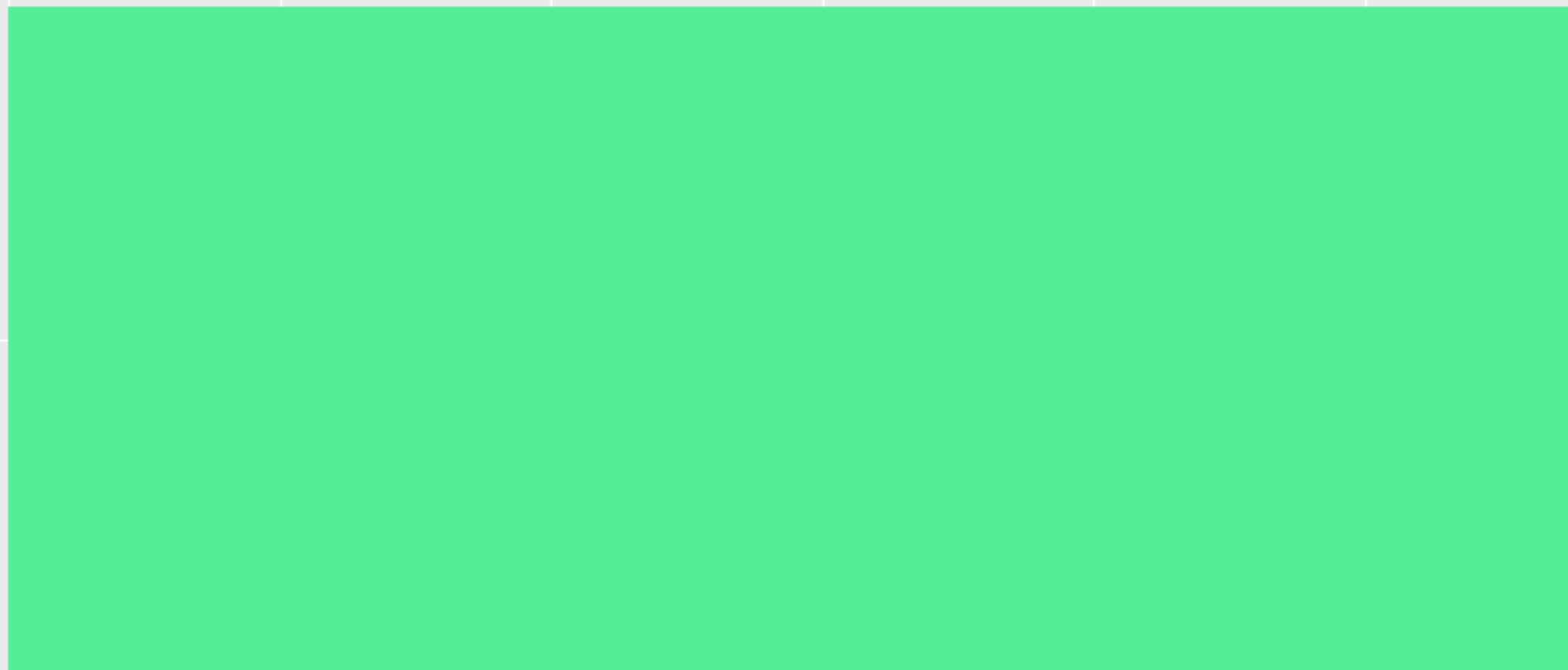
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2

4

6

Functional Enrichment



protein maturation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 25/42

0

2

4

6

Functional Enrichment



protein maturation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 15/30

0

2

4

Functional Enrichment



protein modification by small protein conjugation or removal

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 22/44

Cluster 1/44

Cluster 34/44

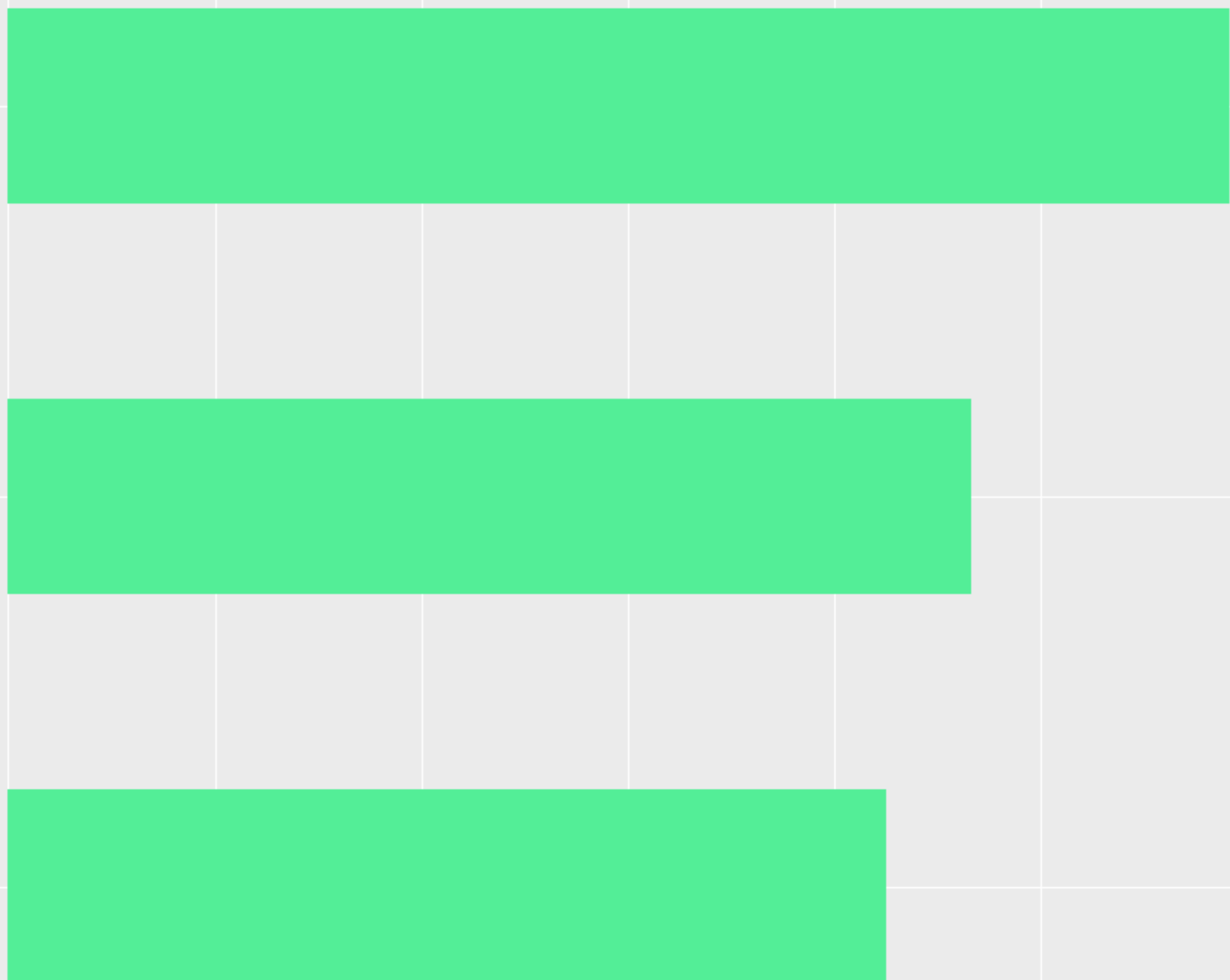
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2

4

6

Functional Enrichment



protein modification by small protein conjugation or removal

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

1

2

3

4

Functional Enrichment



protein modification by small protein conjugation or removal

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 21/42

Cluster 6/42

Cluster 32/42

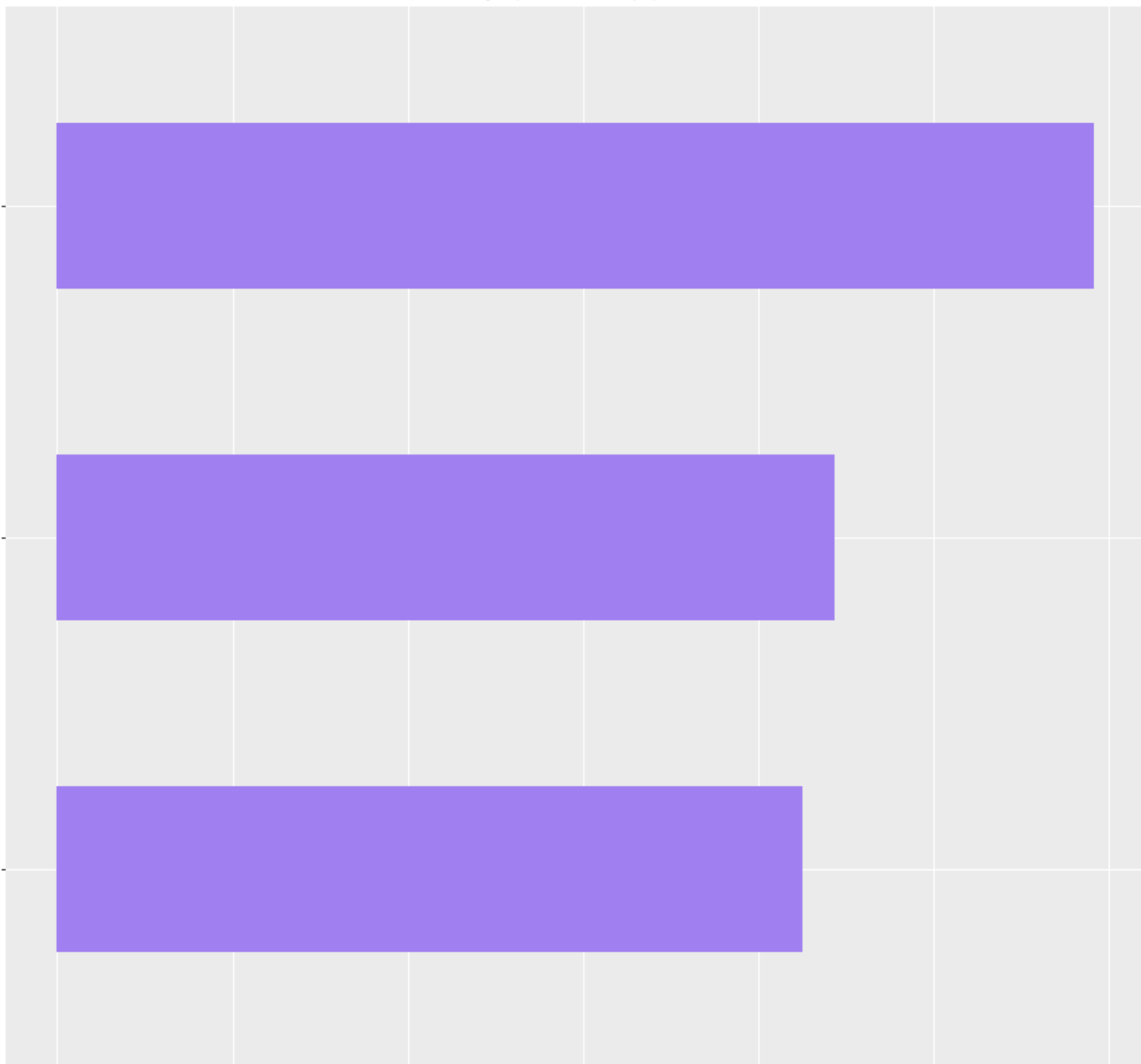
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2

4

6

Functional Enrichment



protein modification by small protein conjugation or removal

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 25/30

0

2

4

Functional Enrichment



protein phosphorylation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 30/44

0

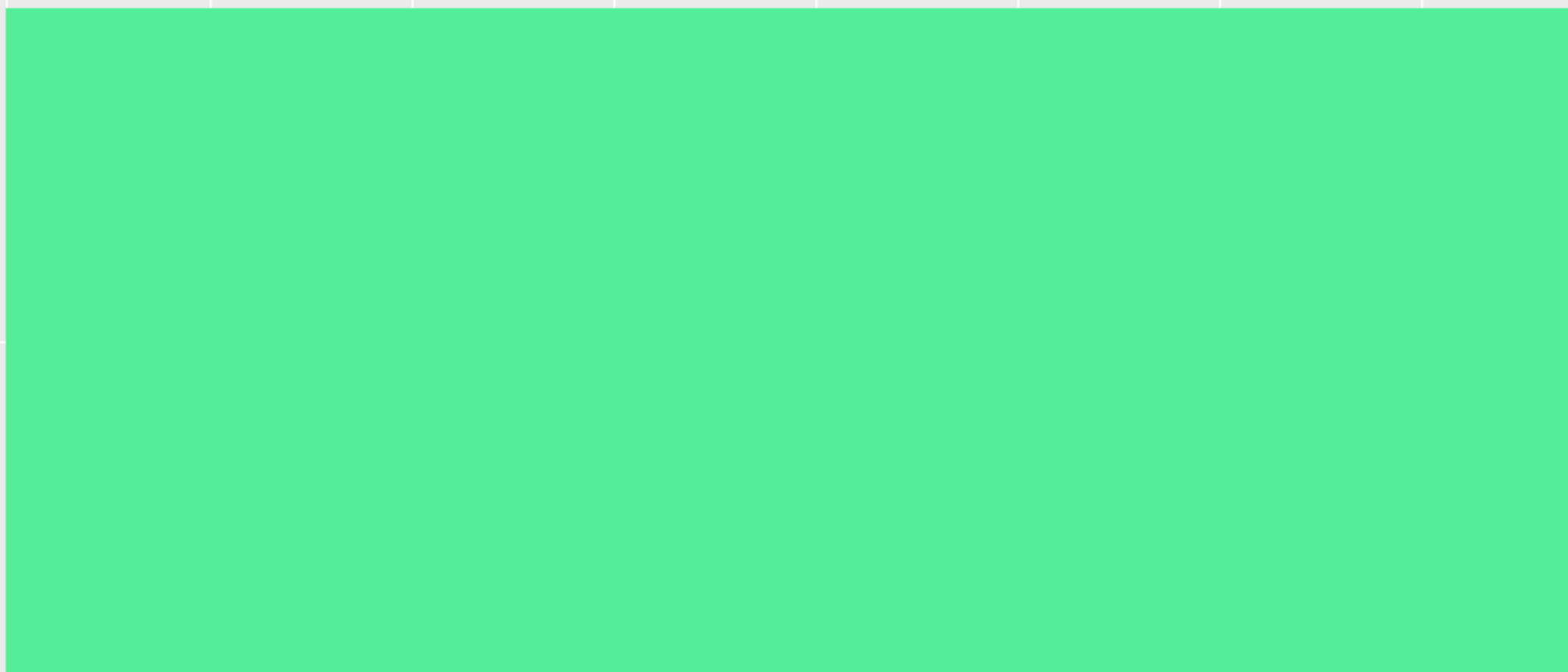
3

6

9

12

Functional Enrichment



protein phosphorylation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 28/42

0

3

6

9

12

Functional Enrichment



protein targeting

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

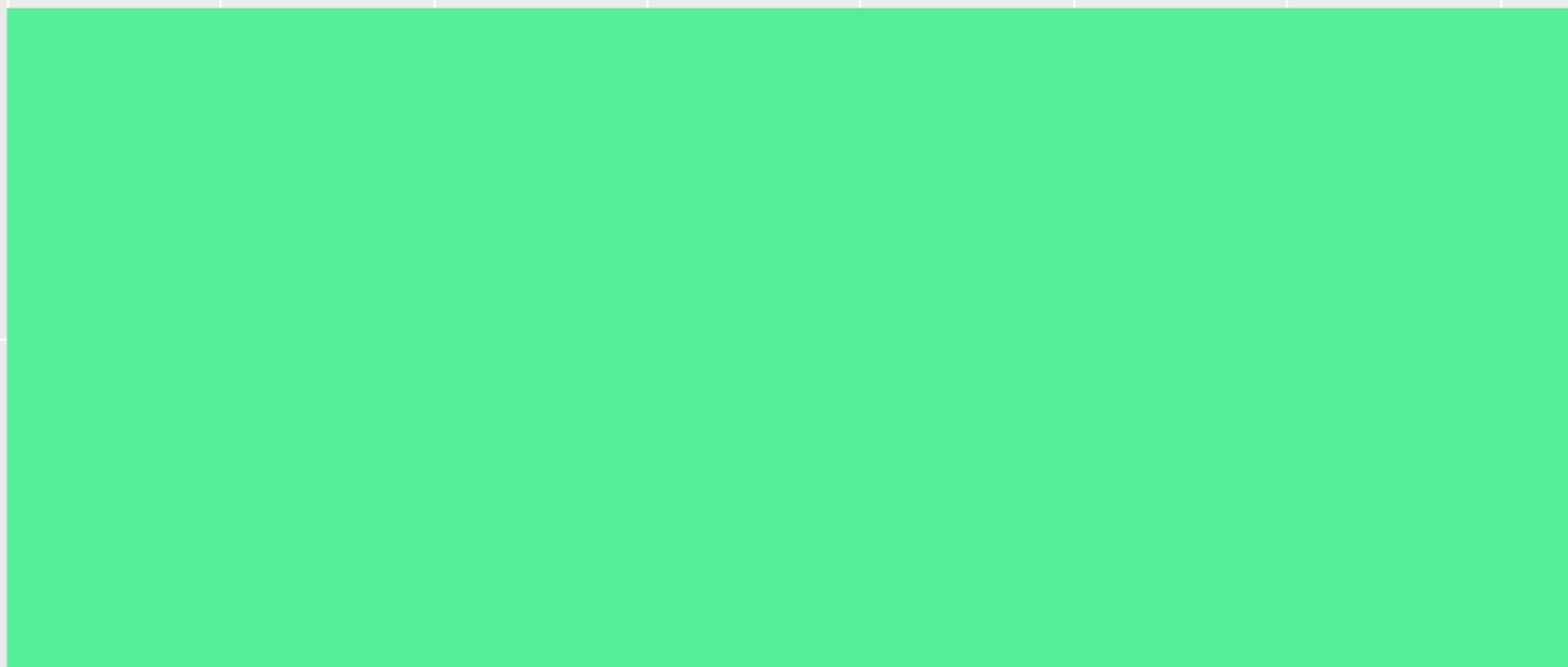
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1.0

1.5

Functional Enrichment



protein targeting

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

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1.0

1.5

Functional Enrichment



protein targeting

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

0.0

0.5

1.0

1.5

Functional Enrichment



proteolysis involved in cellular protein catabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

0

1

2

3

4

5

Functional Enrichment



proteolysis involved in cellular protein catabolic process

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

1

2

3

4

5

Functional Enrichment



proteolysis involved in cellular protein catabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 6/42

Cluster 8/42

0

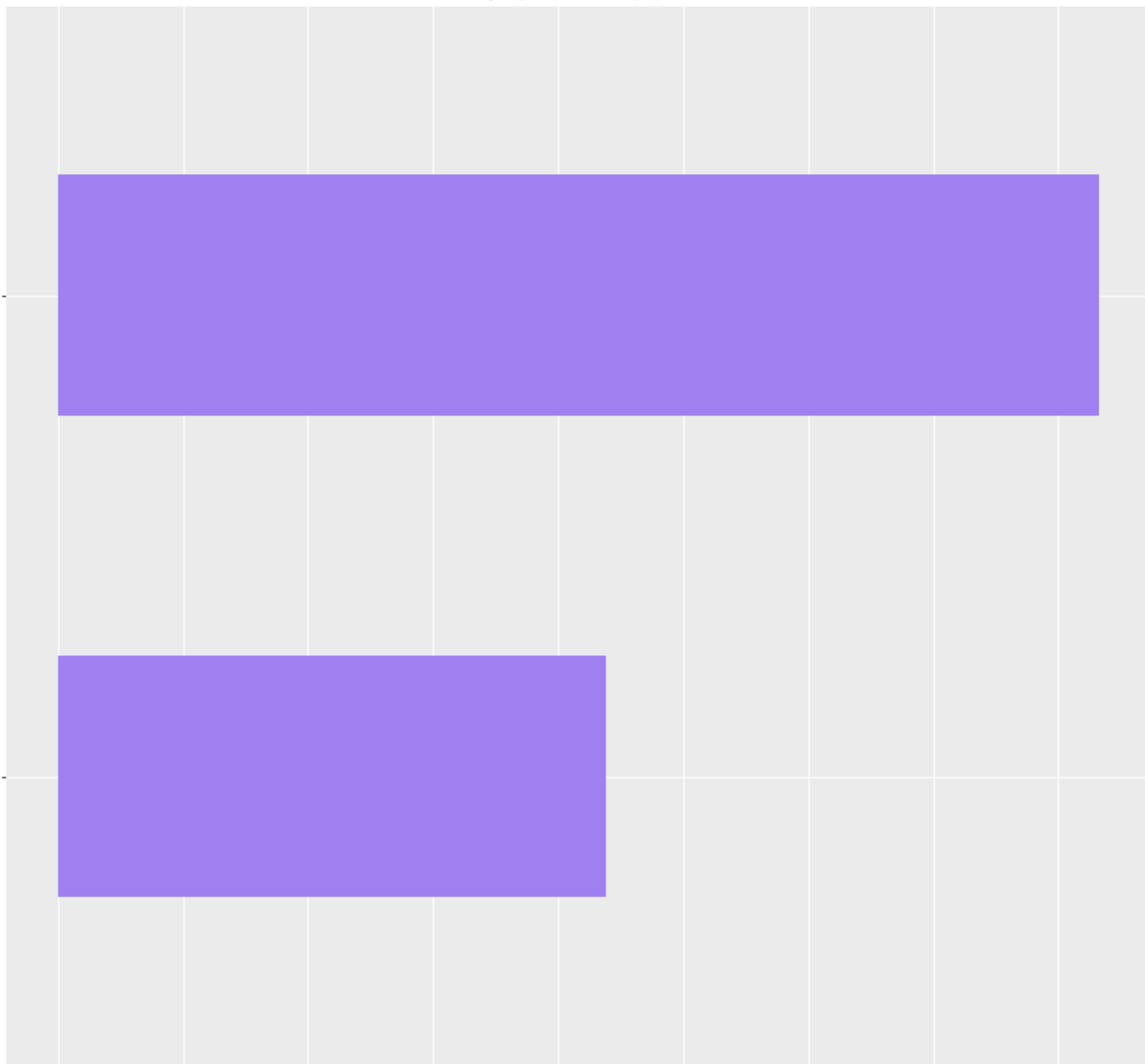
1

2

3

4

Functional Enrichment



regulation of cell cycle

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 30/44

Cluster 1/44

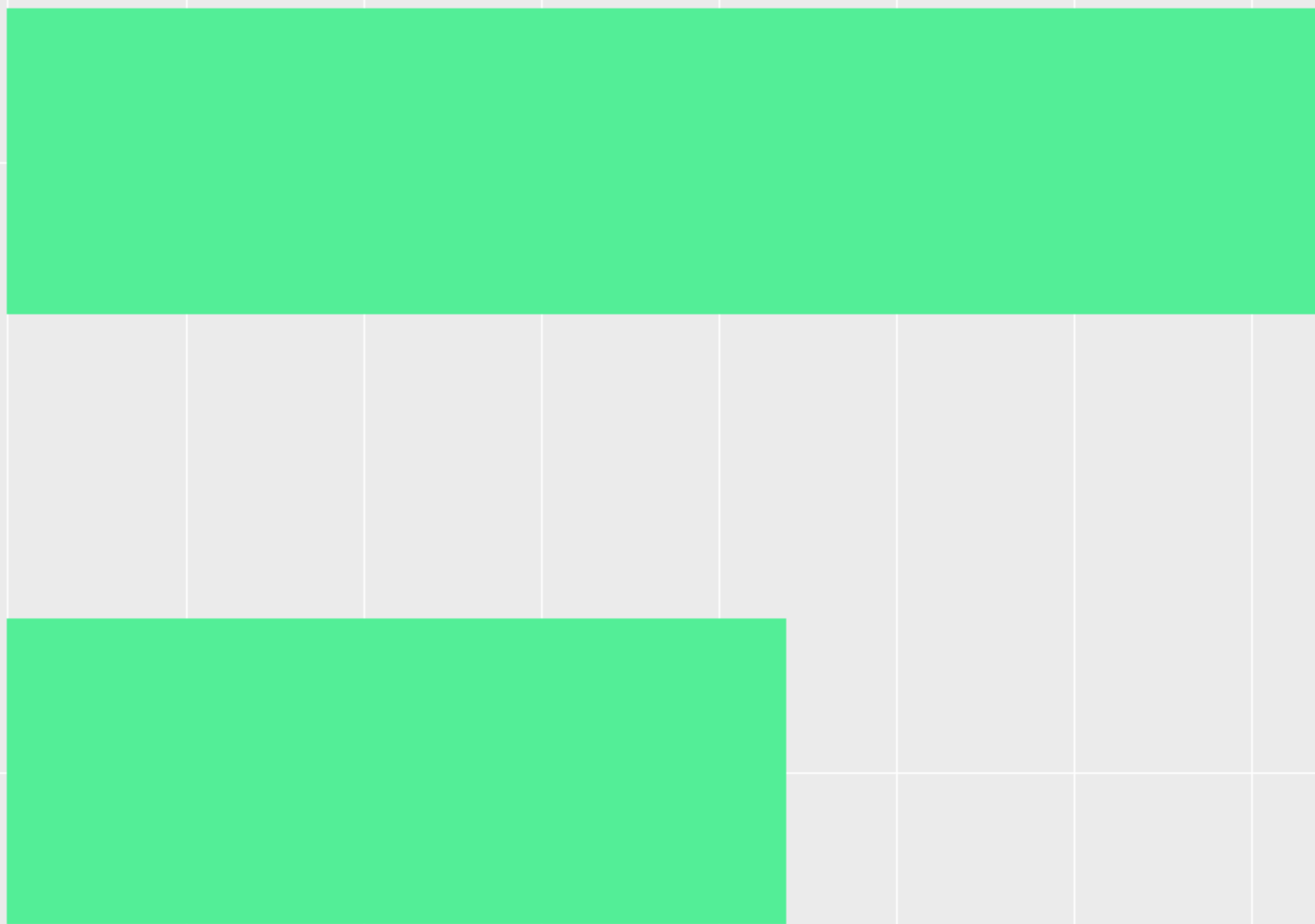
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2

4

6

Functional Enrichment



regulation of cell cycle

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

1

2

3

4

Functional Enrichment



regulation of cell cycle

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 28/42

Cluster 6/42

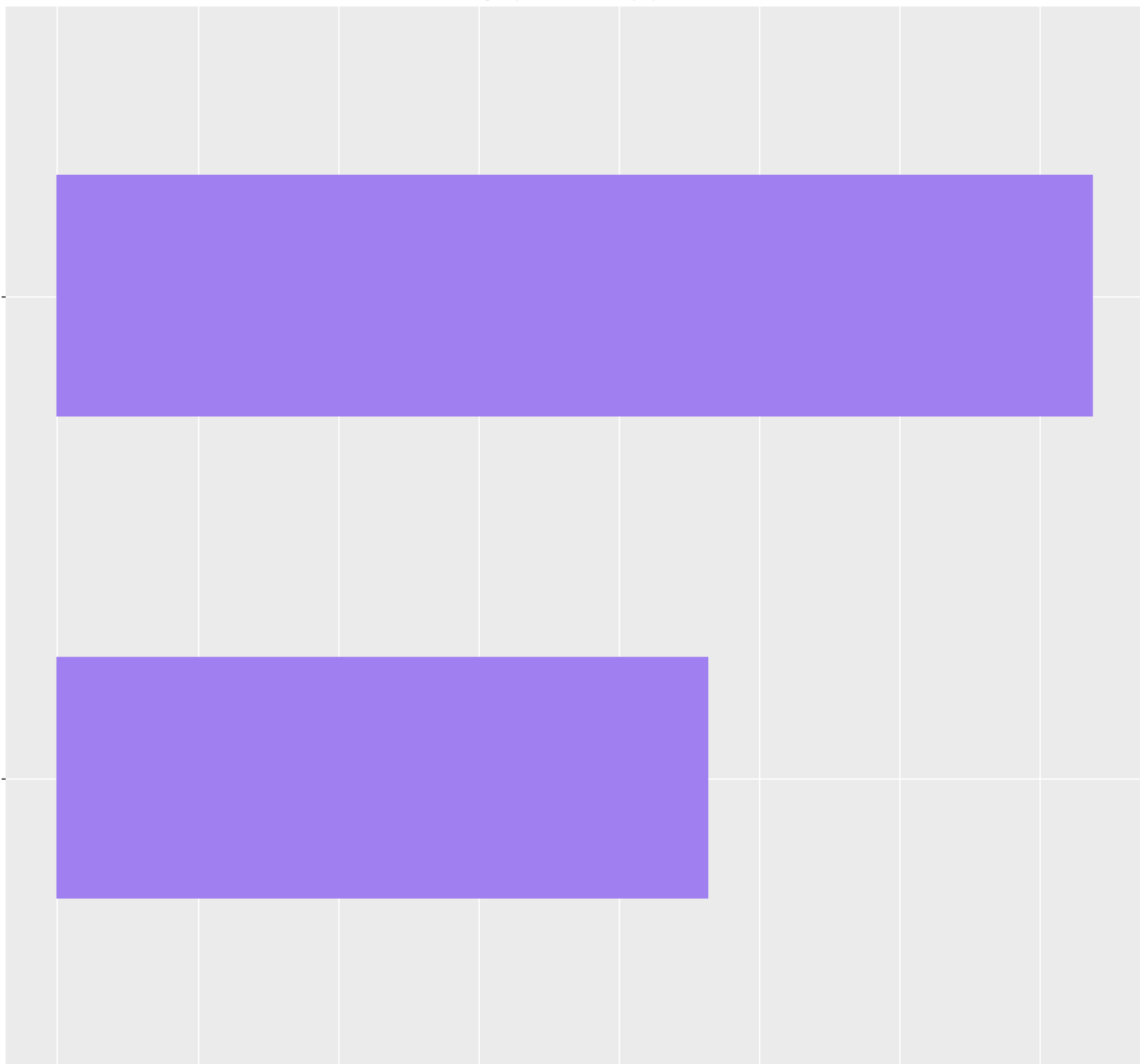
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2

4

6

Functional Enrichment



regulation of DNA metabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

Cluster 1/44

0

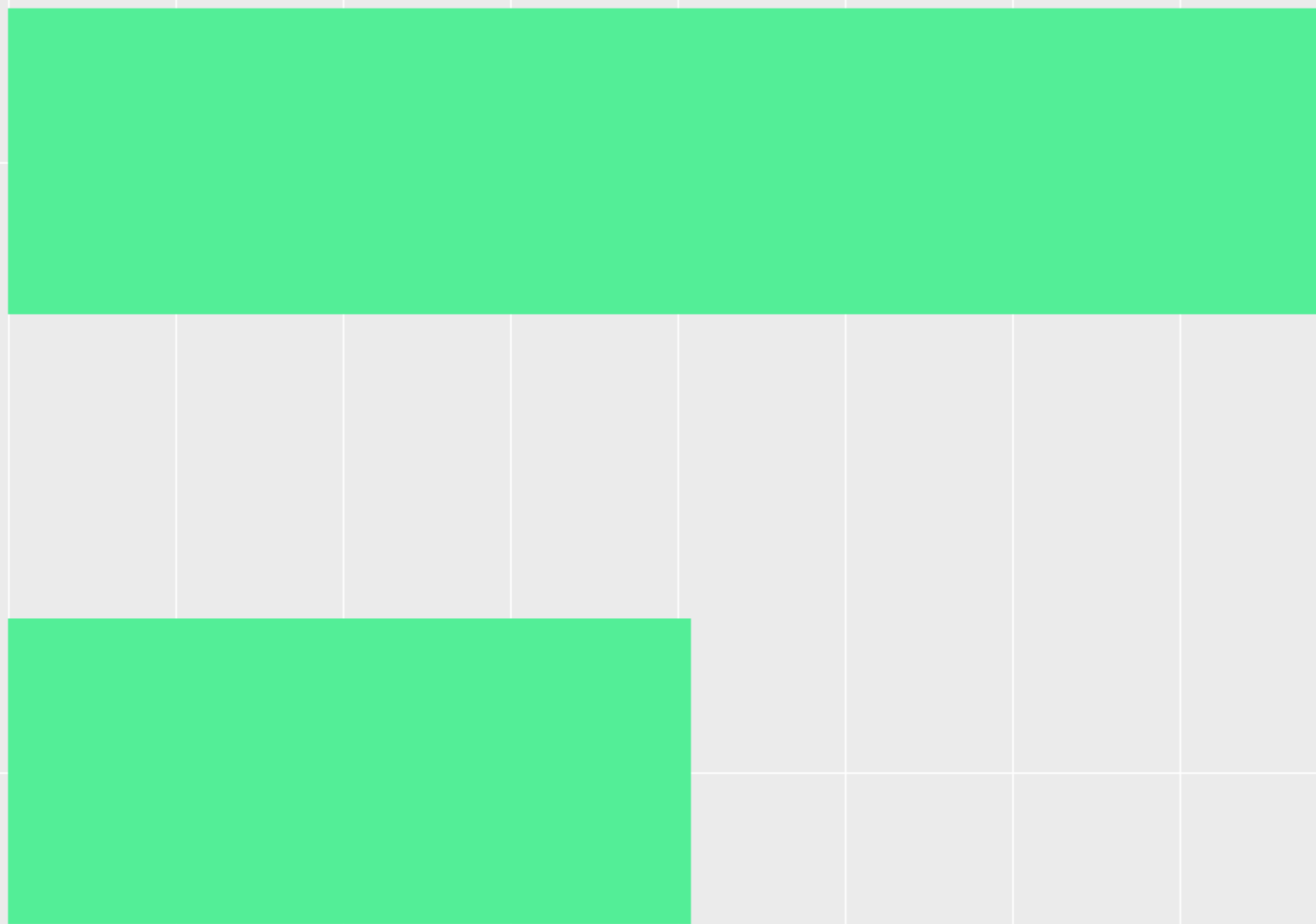
3

6

9

12

Functional Enrichment



regulation of DNA metabolic process

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

2

4

6

Functional Enrichment



regulation of DNA metabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

0

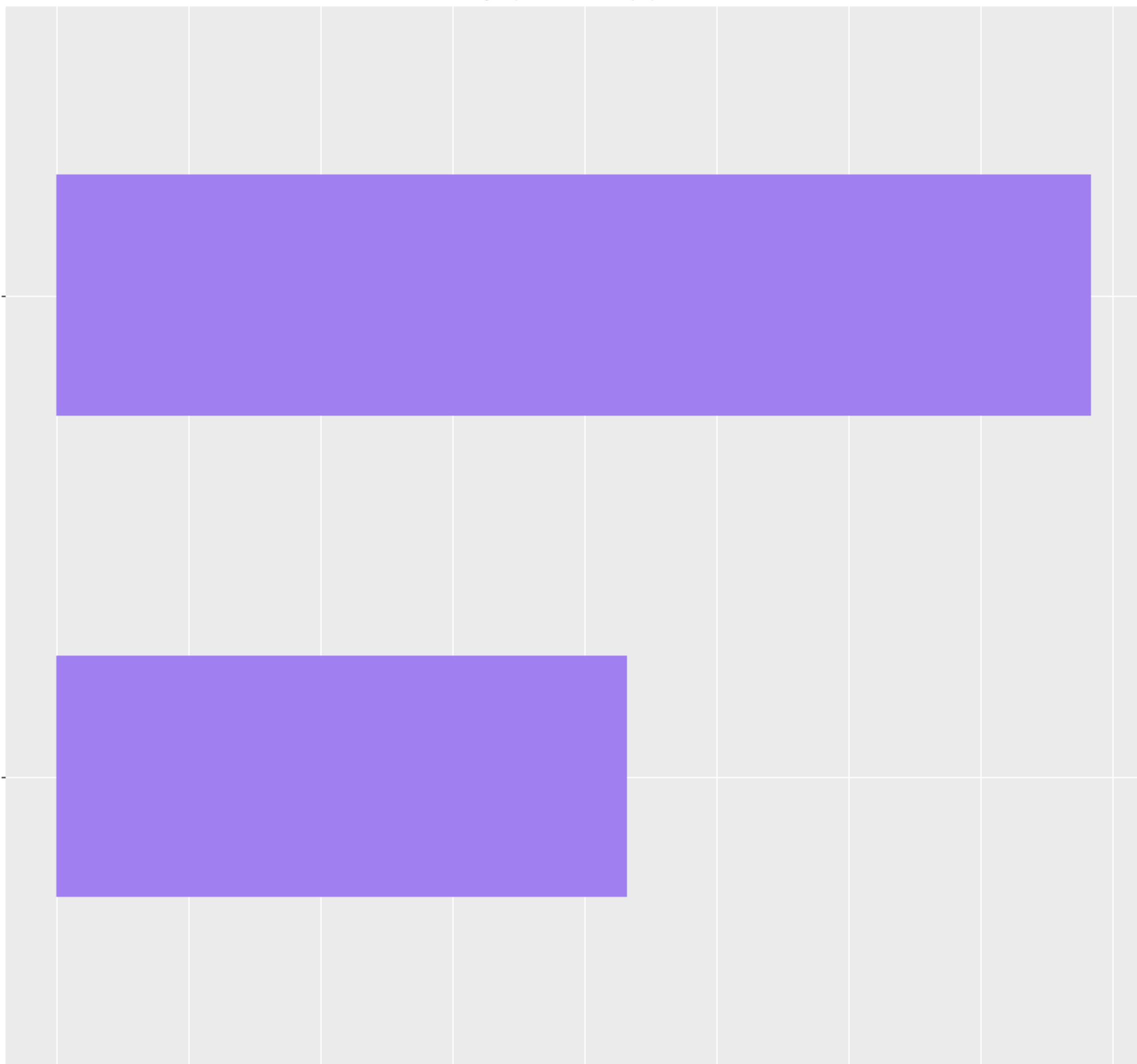
3

6

9

12

Functional Enrichment



regulation of DNA metabolic process
With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0.0

2.5

5.0

7.5

10.0

Functional Enrichment



regulation of organelle organization

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 1/44

0

1

2

3

4

Functional Enrichment



regulation of organelle organization

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

Cluster 21/22

0

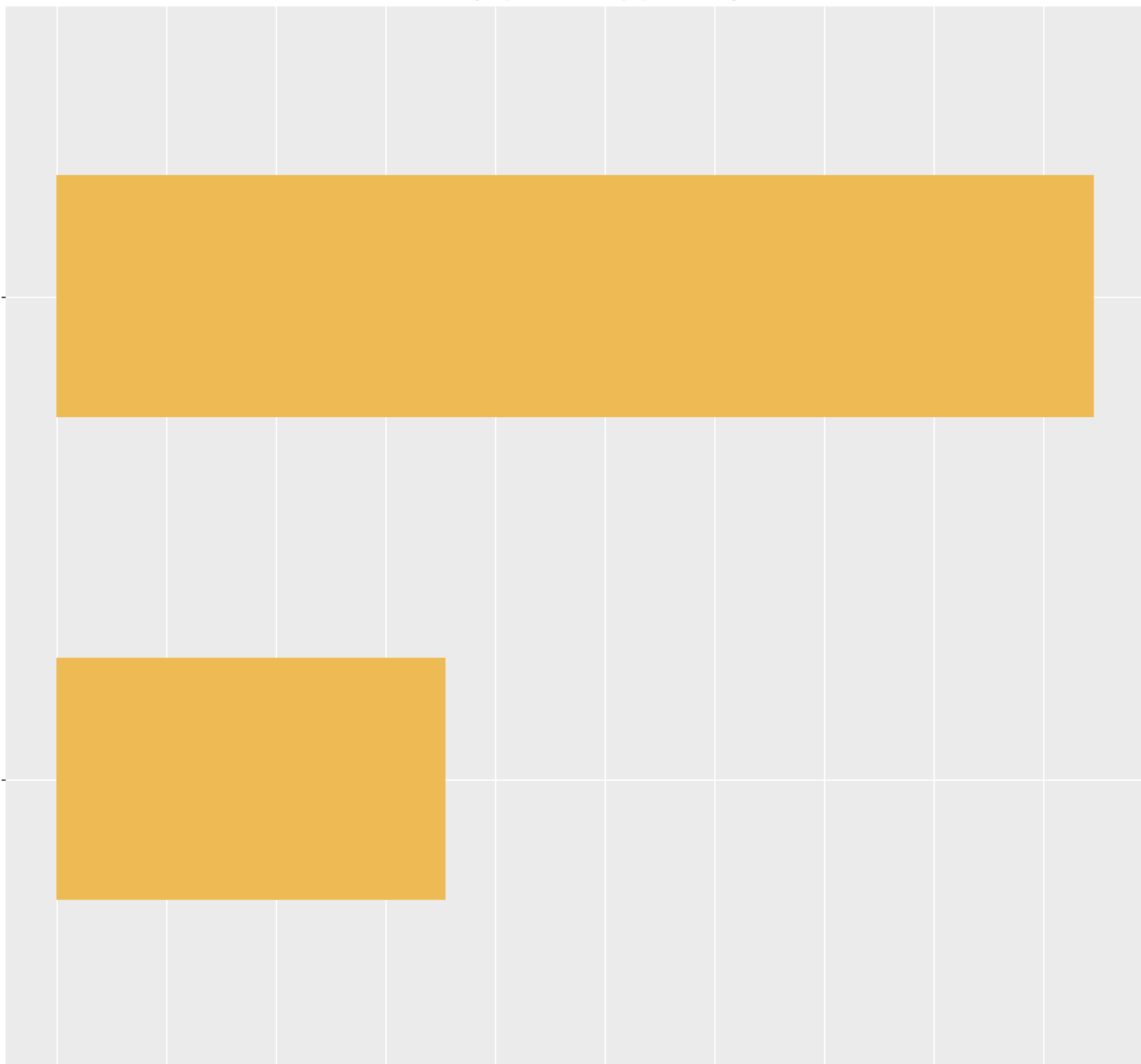
1

2

3

4

Functional Enrichment



regulation of organelle organization

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 6/42

0

1

2

3

4

5

Functional Enrichment



regulation of protein modification process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 30/44

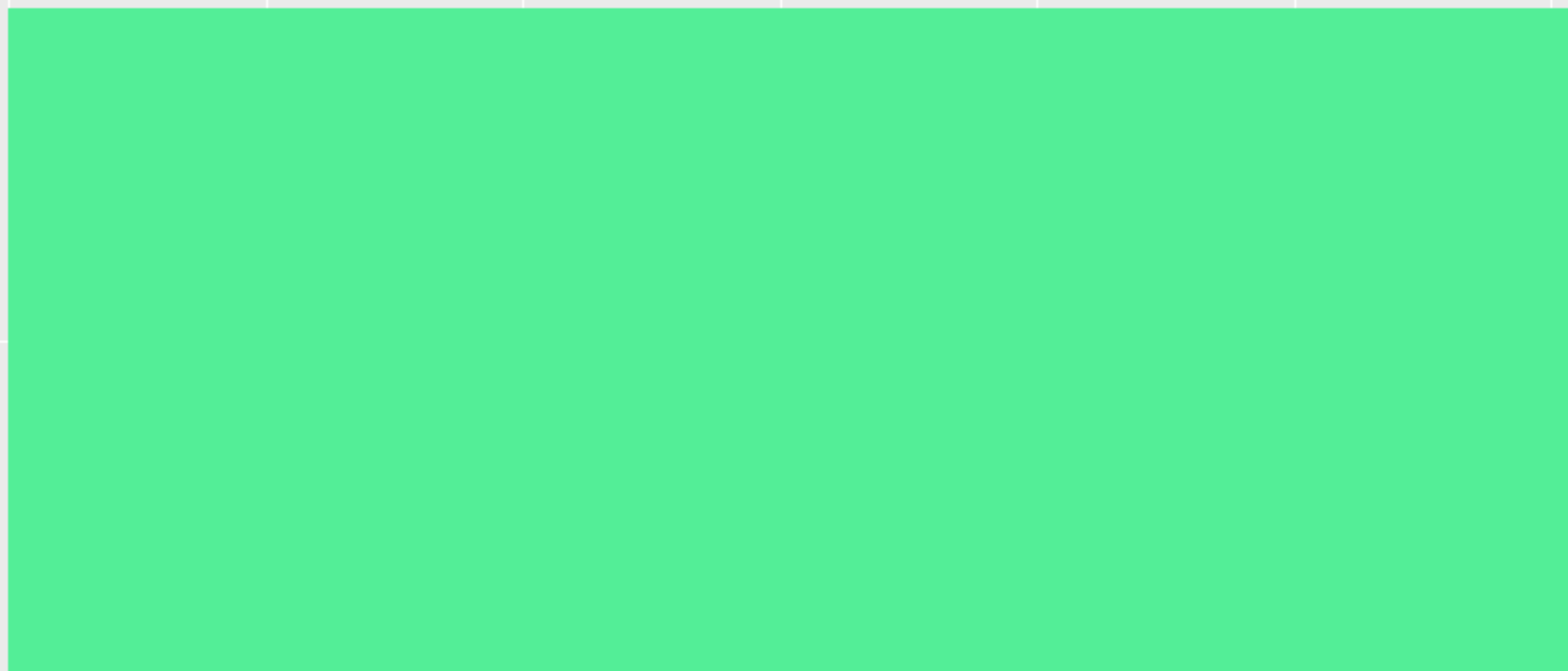
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10

15

Functional Enrichment



regulation of protein modification process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 28/42

0

5

10

15

Functional Enrichment



regulation of transport

With CellCycle | Without AreaShape | All Genes

Cluster

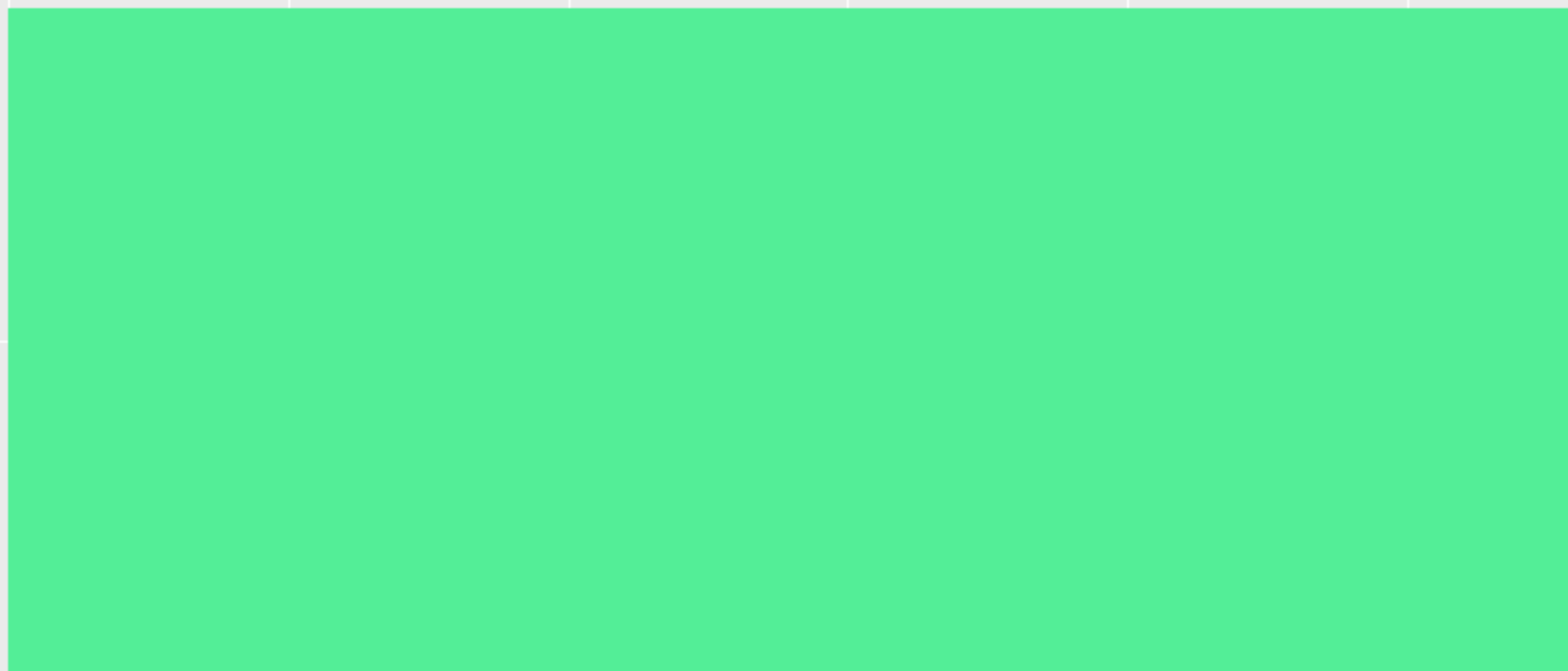
Cluster 24/44

0

1

2

Functional Enrichment



regulation of transport

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 22/42

0

1

2

Functional Enrichment



response to chemical

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 21/44

0

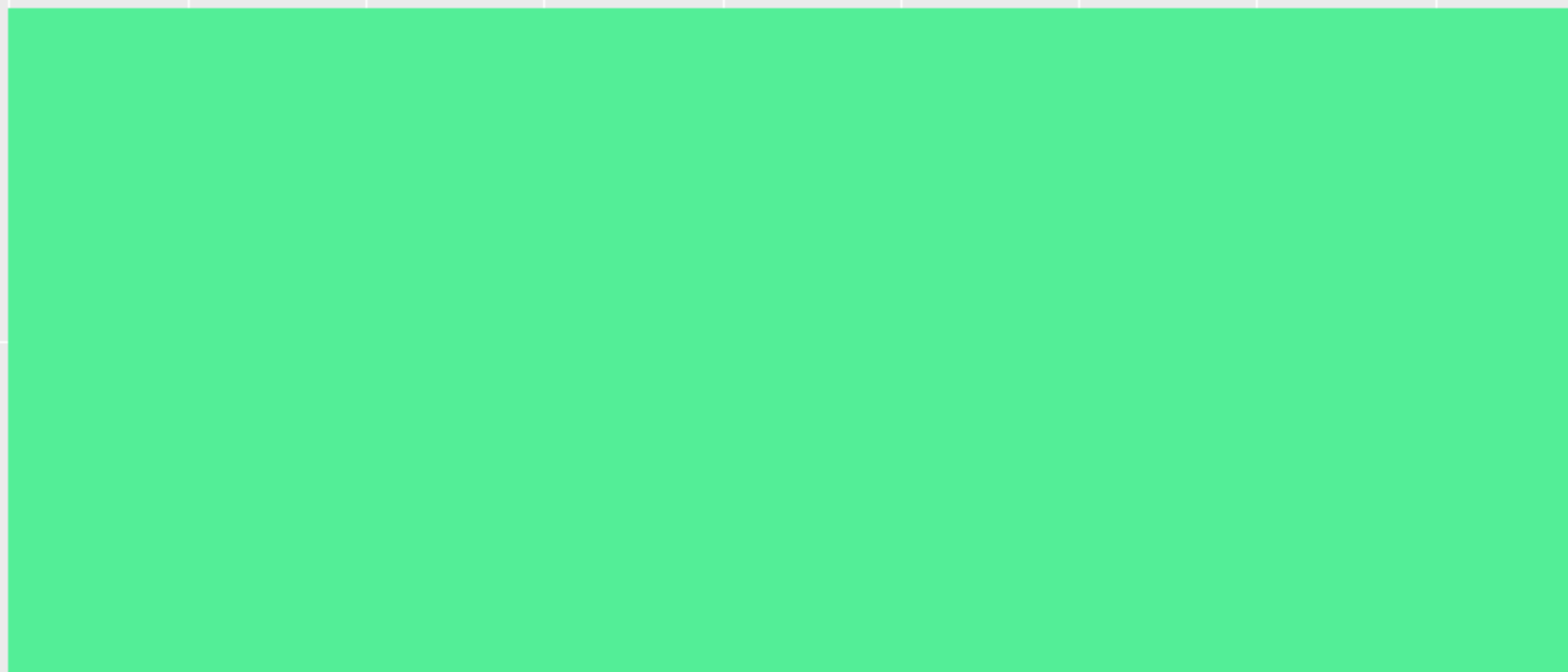
1

2

3

4

Functional Enrichment



response to chemical

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 22/30

0

1

2

3

4

Functional Enrichment



response to heat

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/44

0

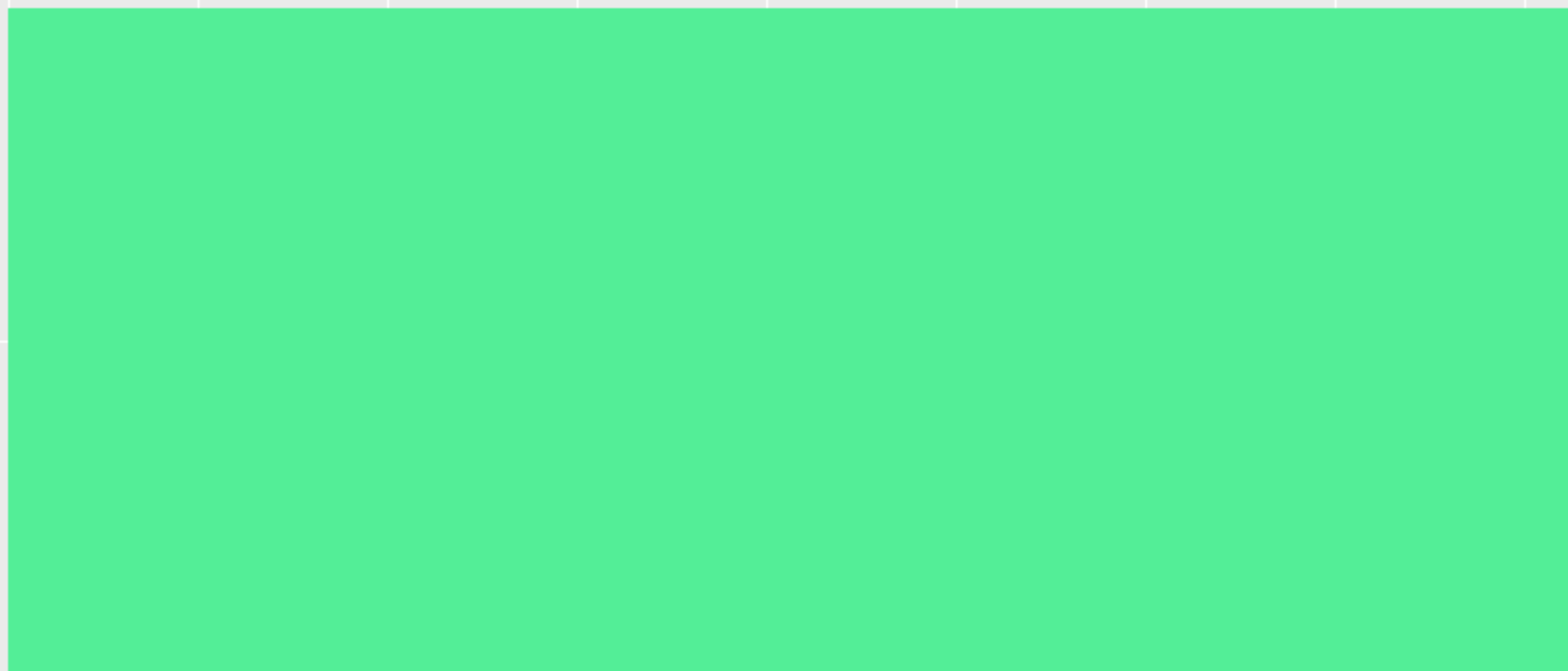
1

2

3

4

Functional Enrichment



response to heat

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 31/42

0

1

2

3

4

Functional Enrichment



response to heat

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

0

1

2

3

4

Functional Enrichment



response to starvation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/44

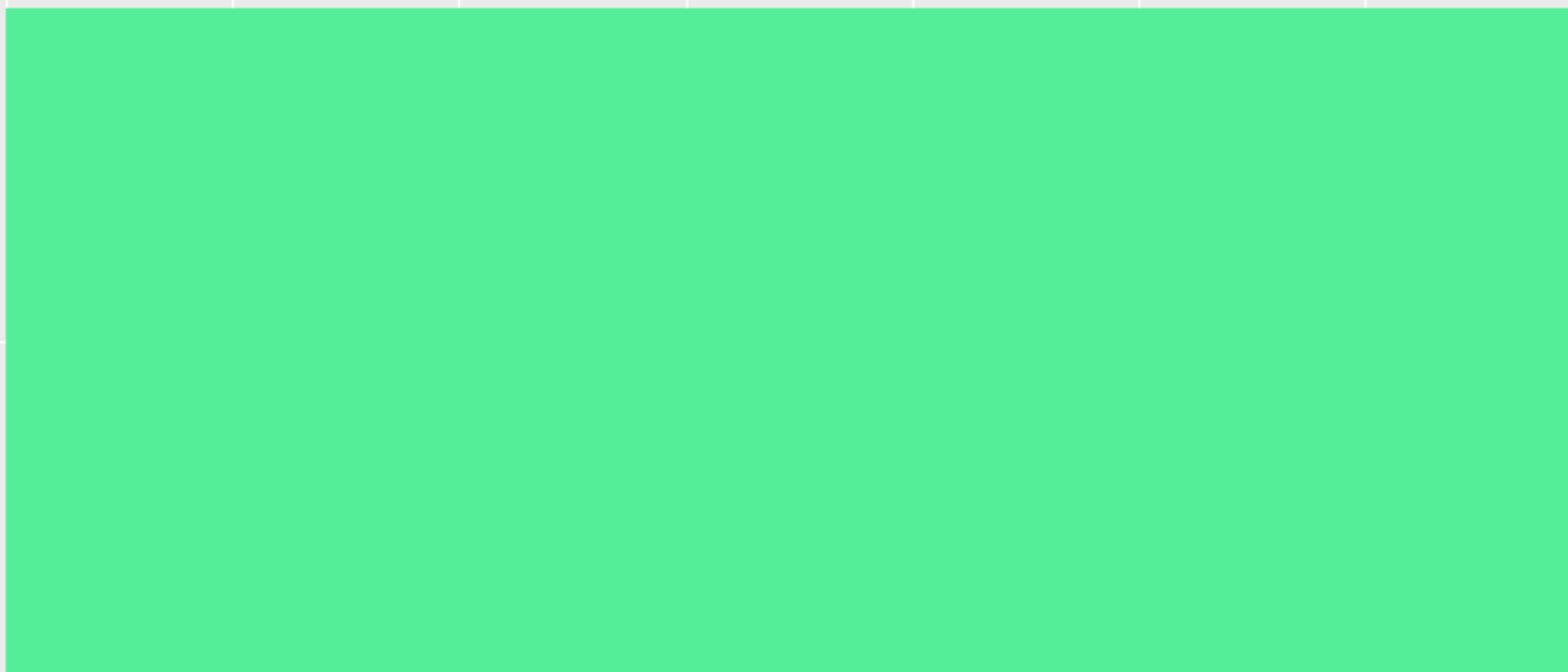
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10

15

Functional Enrichment



response to starvation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 16/42

0

5

10

15

Functional Enrichment



response to starvation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 2/30

0

5

10

15

Functional Enrichment



ribosomal large subunit biogenesis

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 4/44

Cluster 16/44

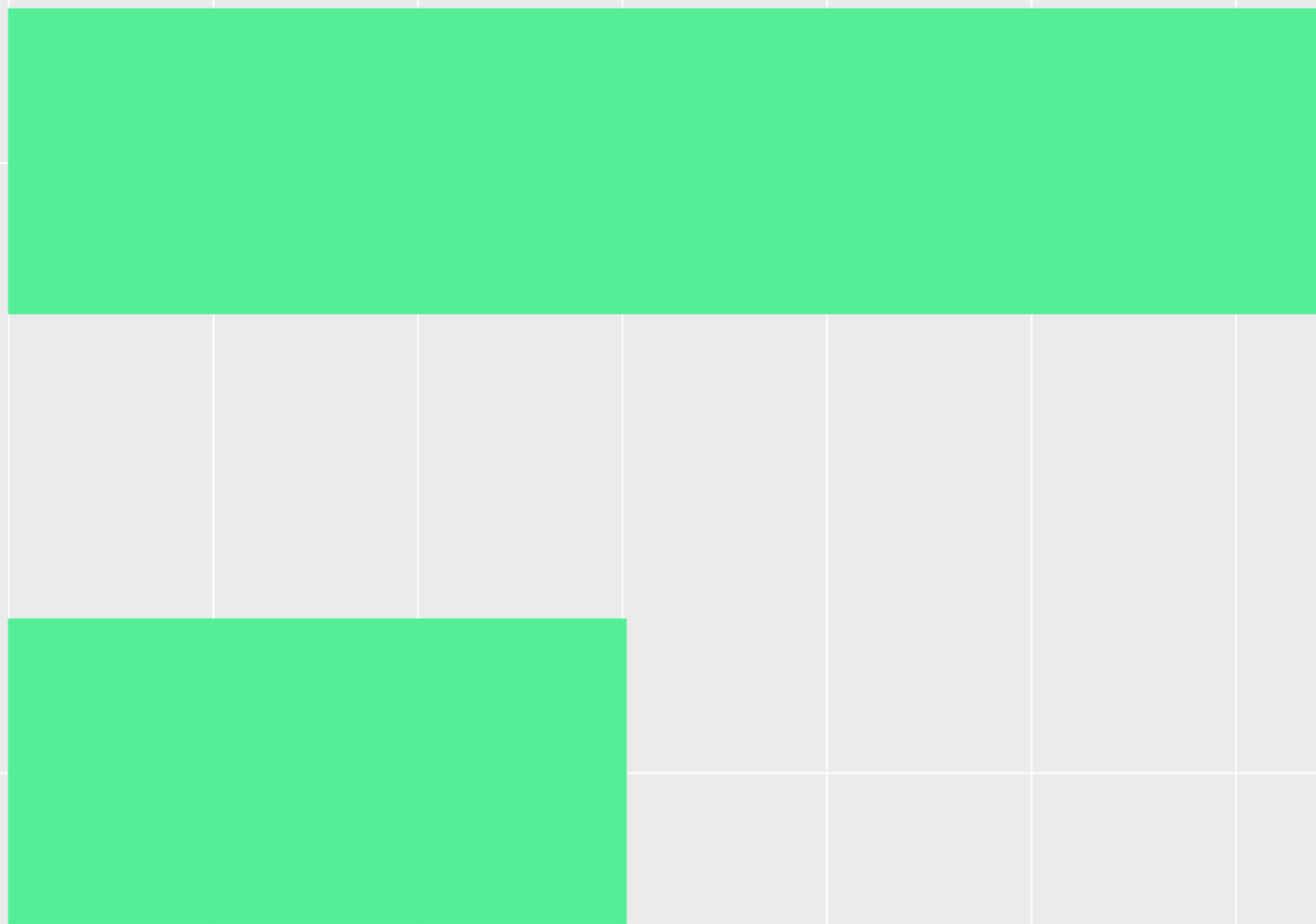
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5

10

15

Functional Enrichment



ribosomal large subunit biogenesis

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 6/22

Cluster 17/22

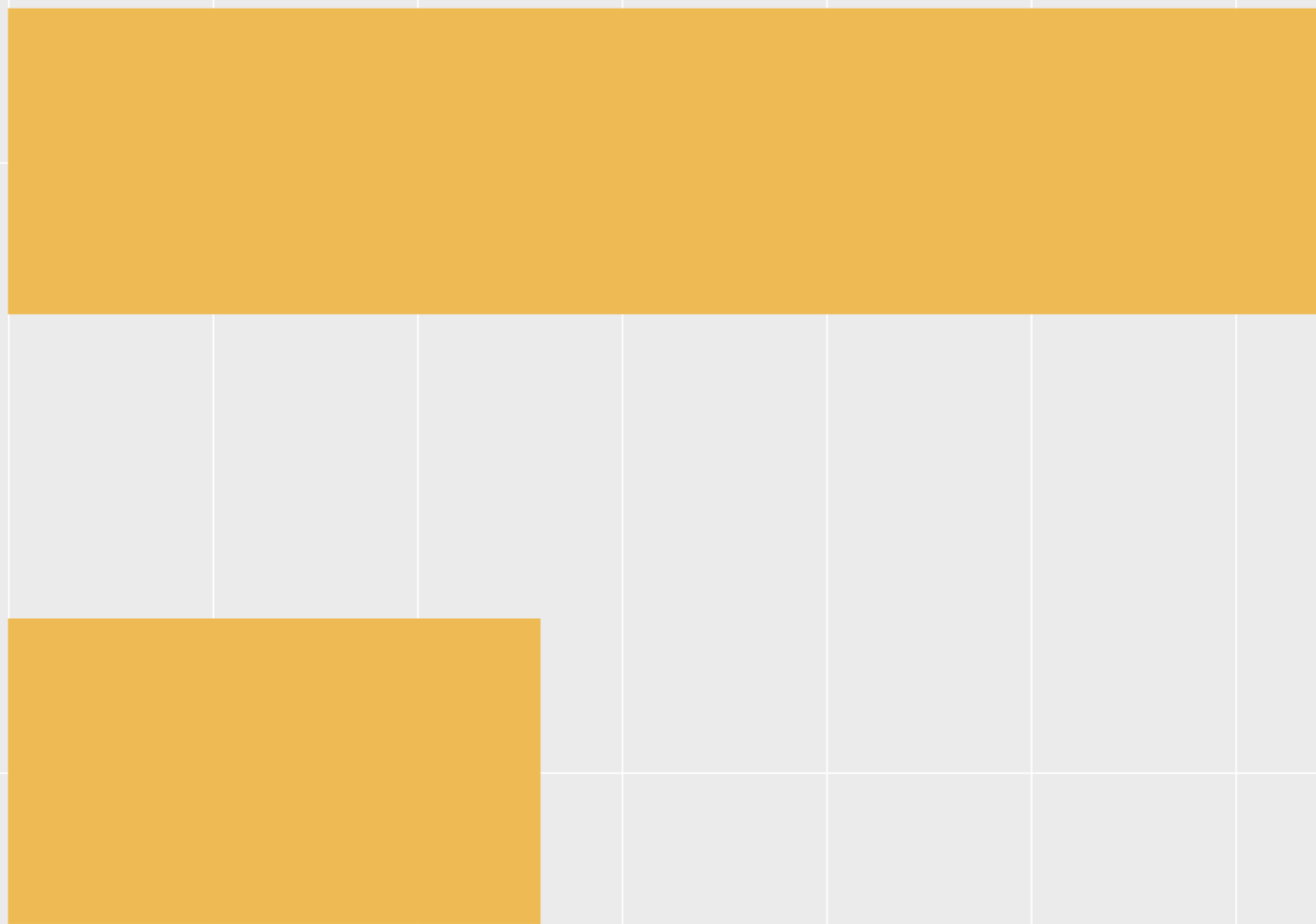
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15

Functional Enrichment



ribosomal large subunit biogenesis

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 1/42

Cluster 11/42

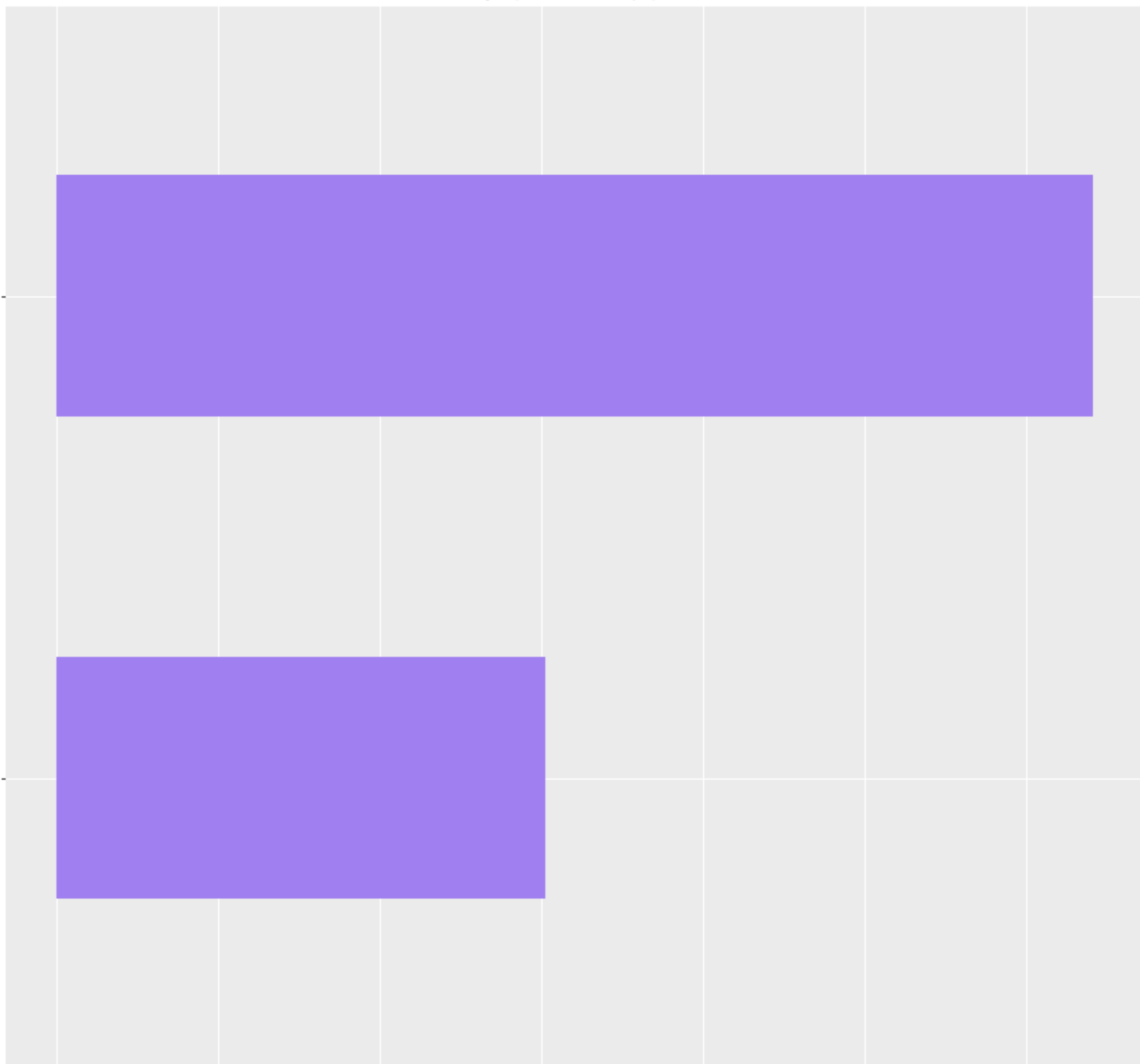
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5

10

15

Functional Enrichment



ribosomal small subunit biogenesis

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 27/44

0

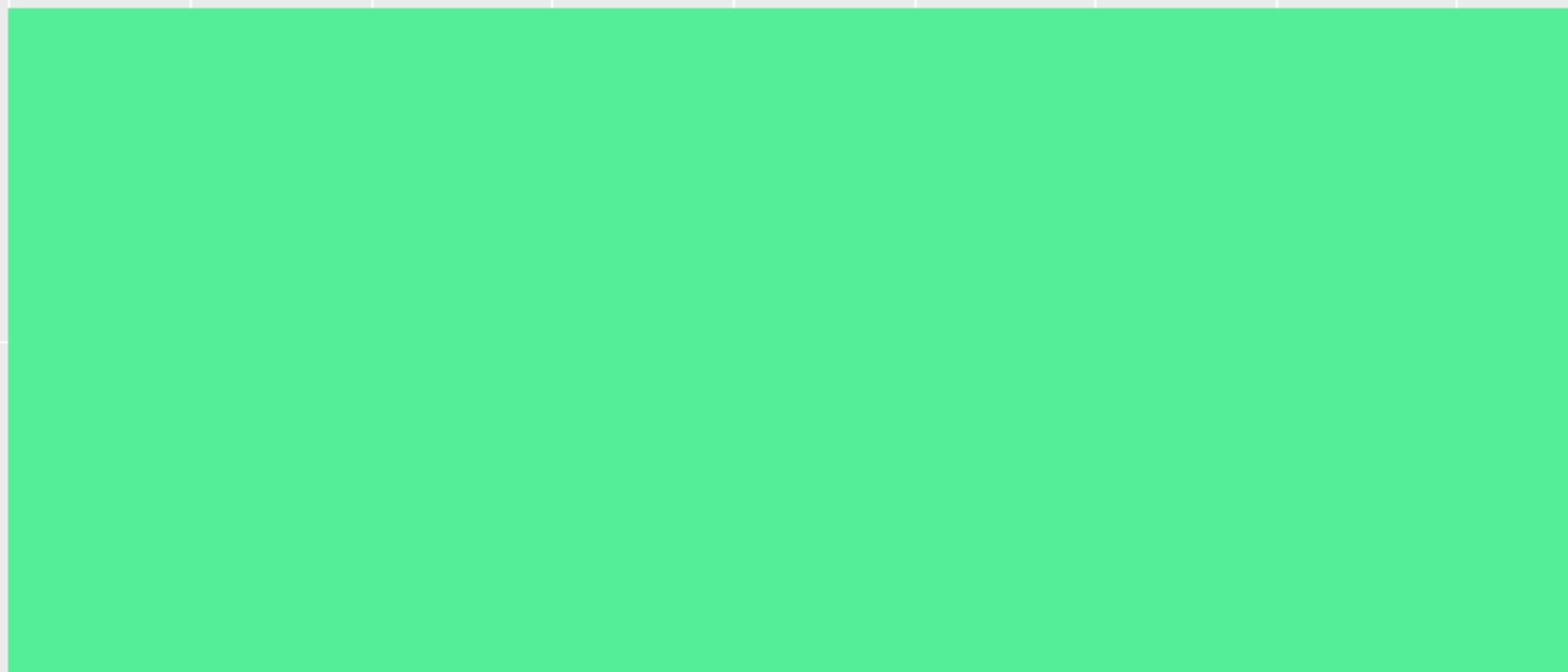
1

2

3

4

Functional Enrichment



ribosomal small subunit biogenesis

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 17/22

0

2

4

6

Functional Enrichment



ribosomal small subunit biogenesis

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 25/42

0

1

2

3

4

Functional Enrichment



ribosomal subunit export from nucleus

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

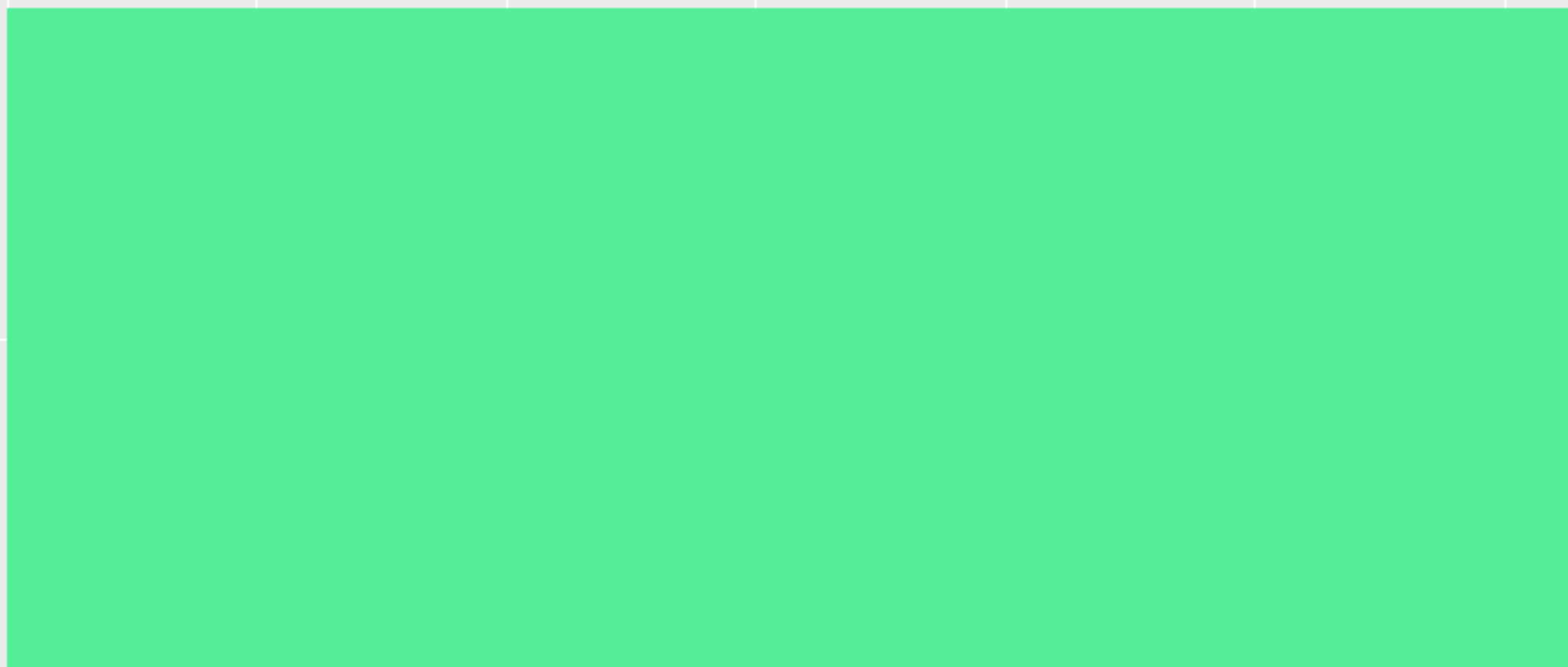
0

2

4

6

Functional Enrichment



ribosomal subunit export from nucleus

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 17/22

Cluster 21/22

0

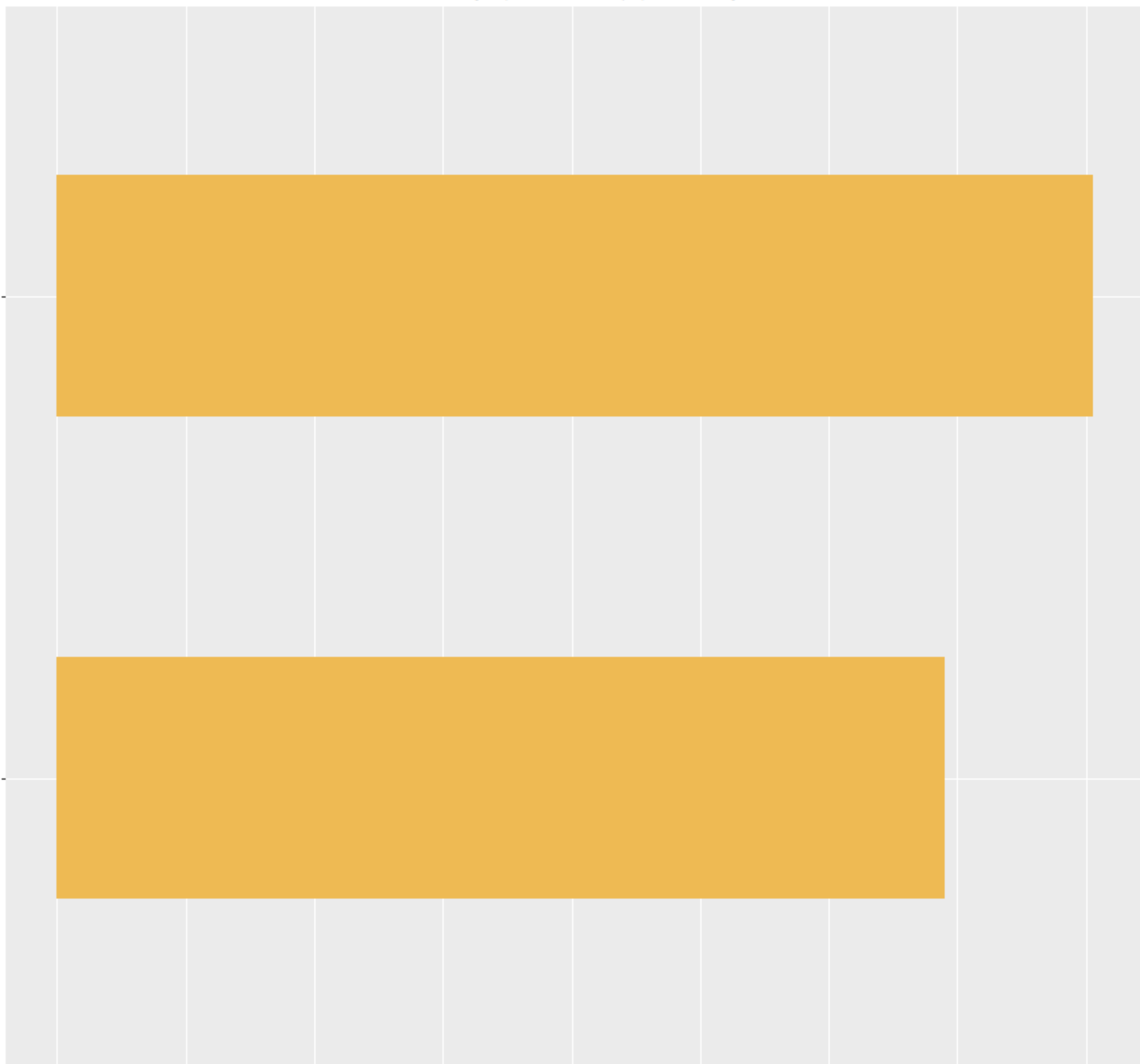
2

4

6

8

Functional Enrichment



ribosomal subunit export from nucleus

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 7/42

Cluster 8/42

0

5

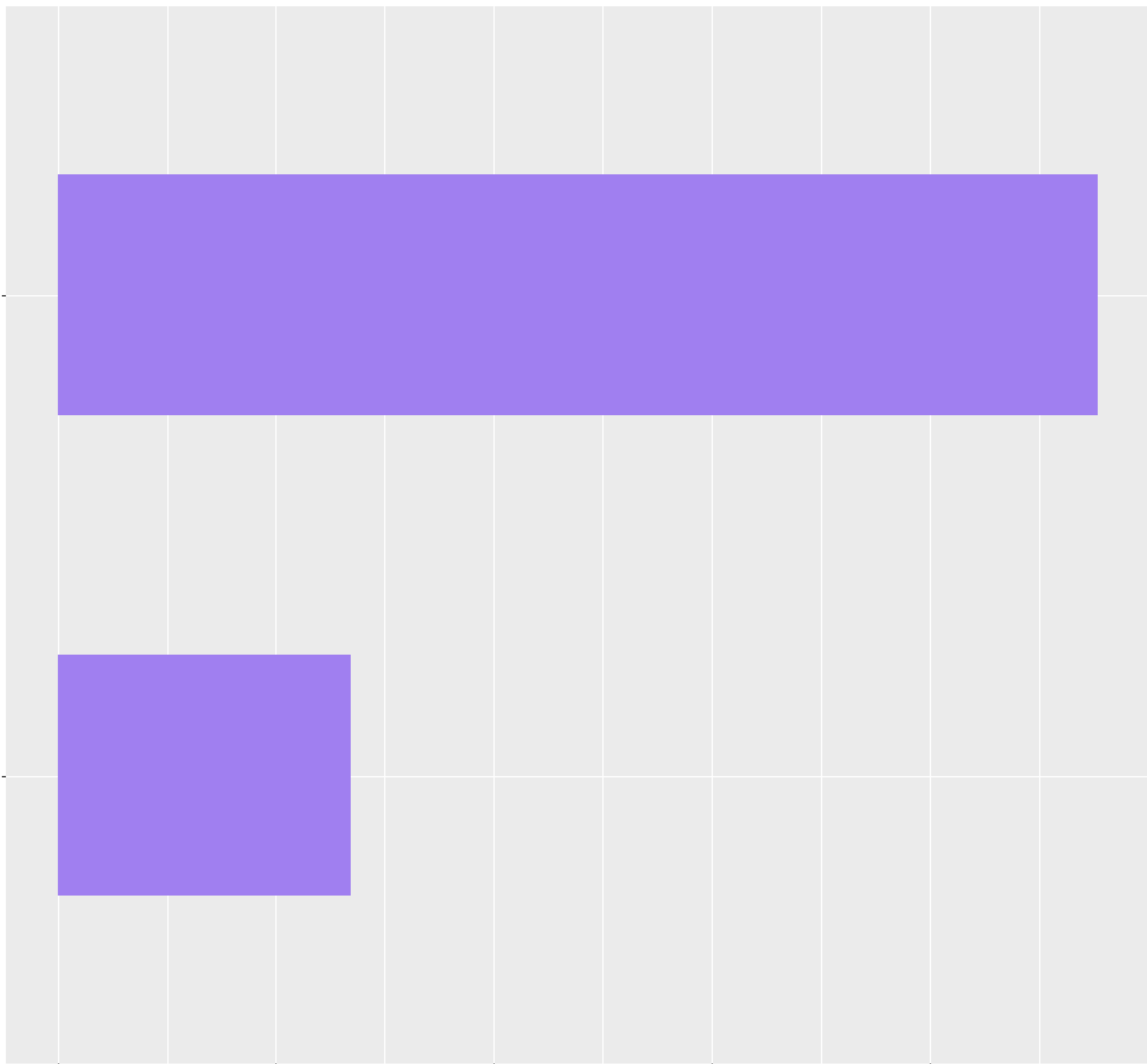
10

15

20

25

Functional Enrichment



ribosome assembly

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 4/44

0

10

20

30

Functional Enrichment



ribosome assembly

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 6/22

0

10

20

30

Functional Enrichment



ribosome assembly

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 1/42

0

10

20

30

Functional Enrichment



RNA catabolic process

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 4/44

Cluster 35/44

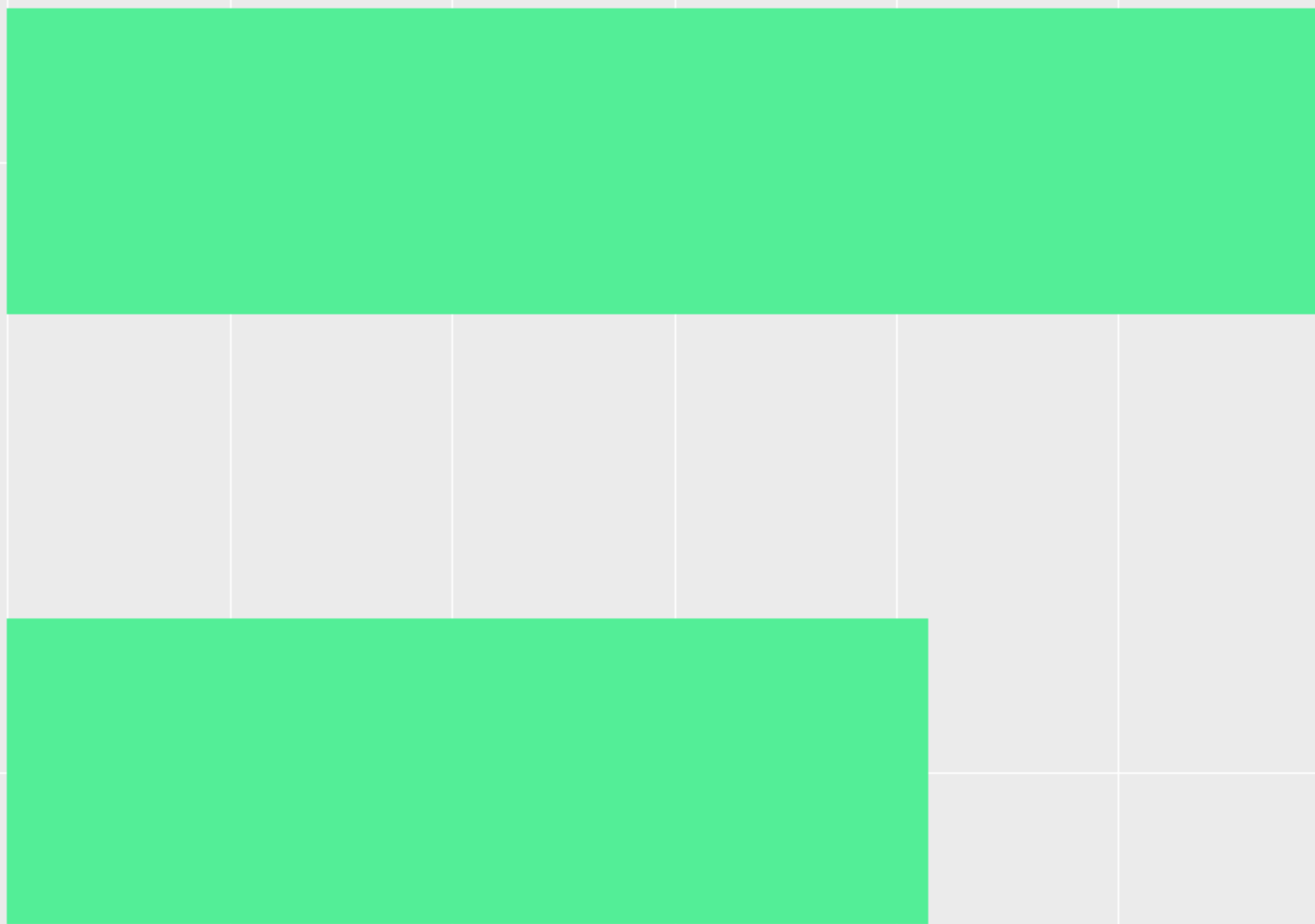
0

5

10

15

Functional Enrichment



RNA catabolic process

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 6/22

Functional Enrichment

0

5

10

15



RNA catabolic process

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 1/42

Cluster 33/42

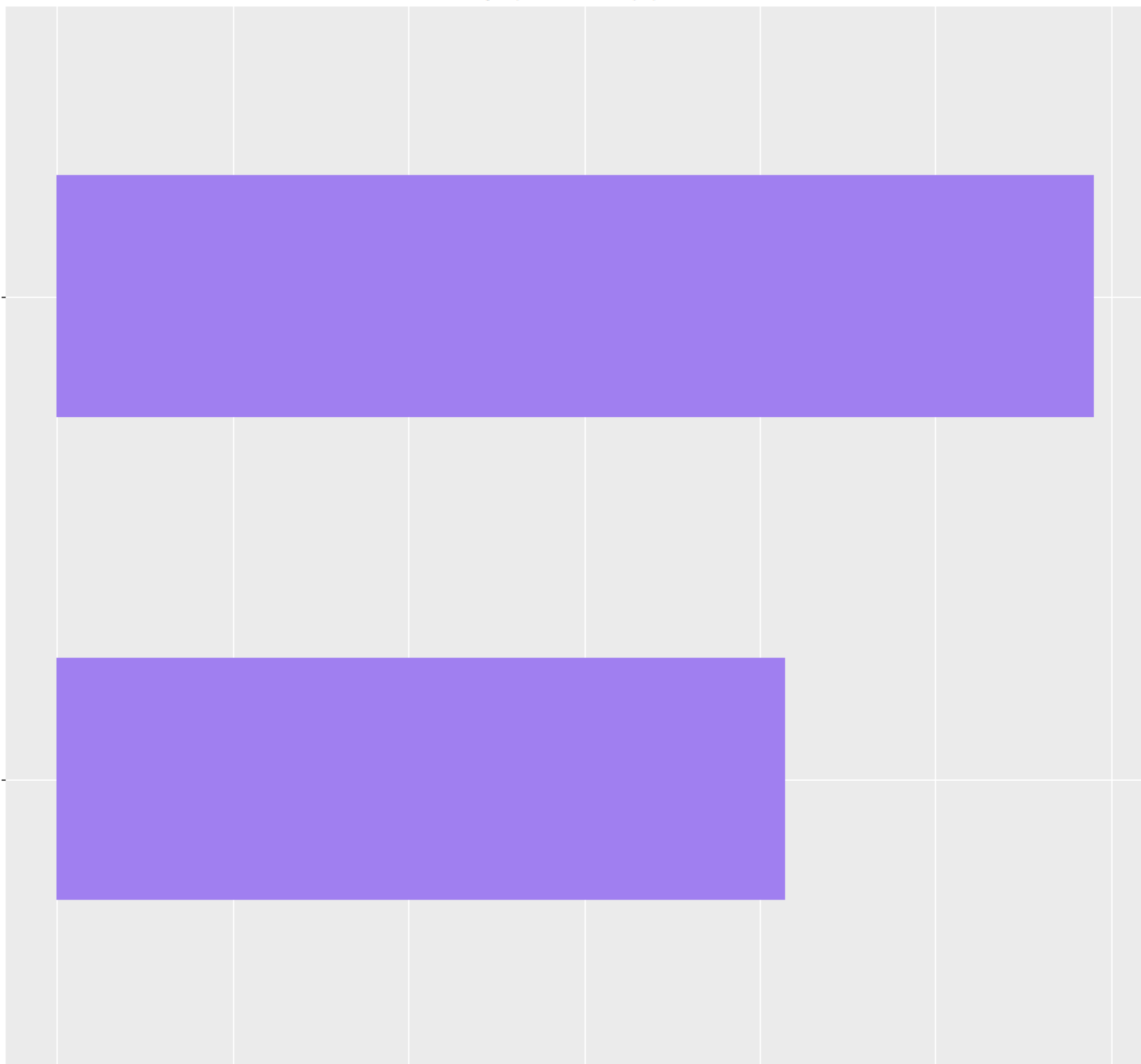
0

5

10

15

Functional Enrichment



RNA catabolic process

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0.0

2.5

5.0

7.5

Functional Enrichment



RNA splicing

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 11/44

Cluster 3/44

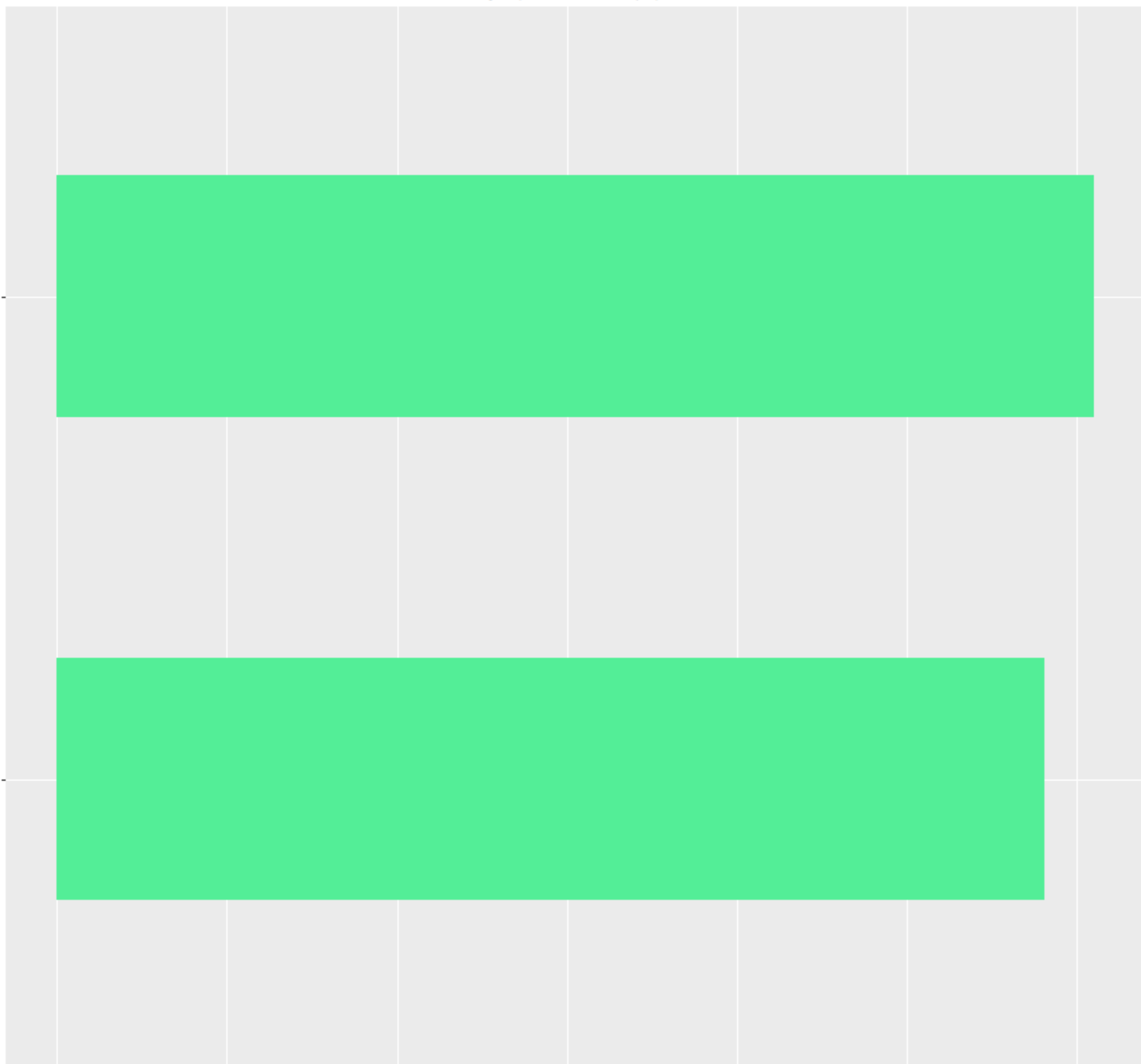
0

2

4

6

Functional Enrichment



RNA splicing

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

2

4

6

Functional Enrichment



RNA splicing

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

Cluster 14/42

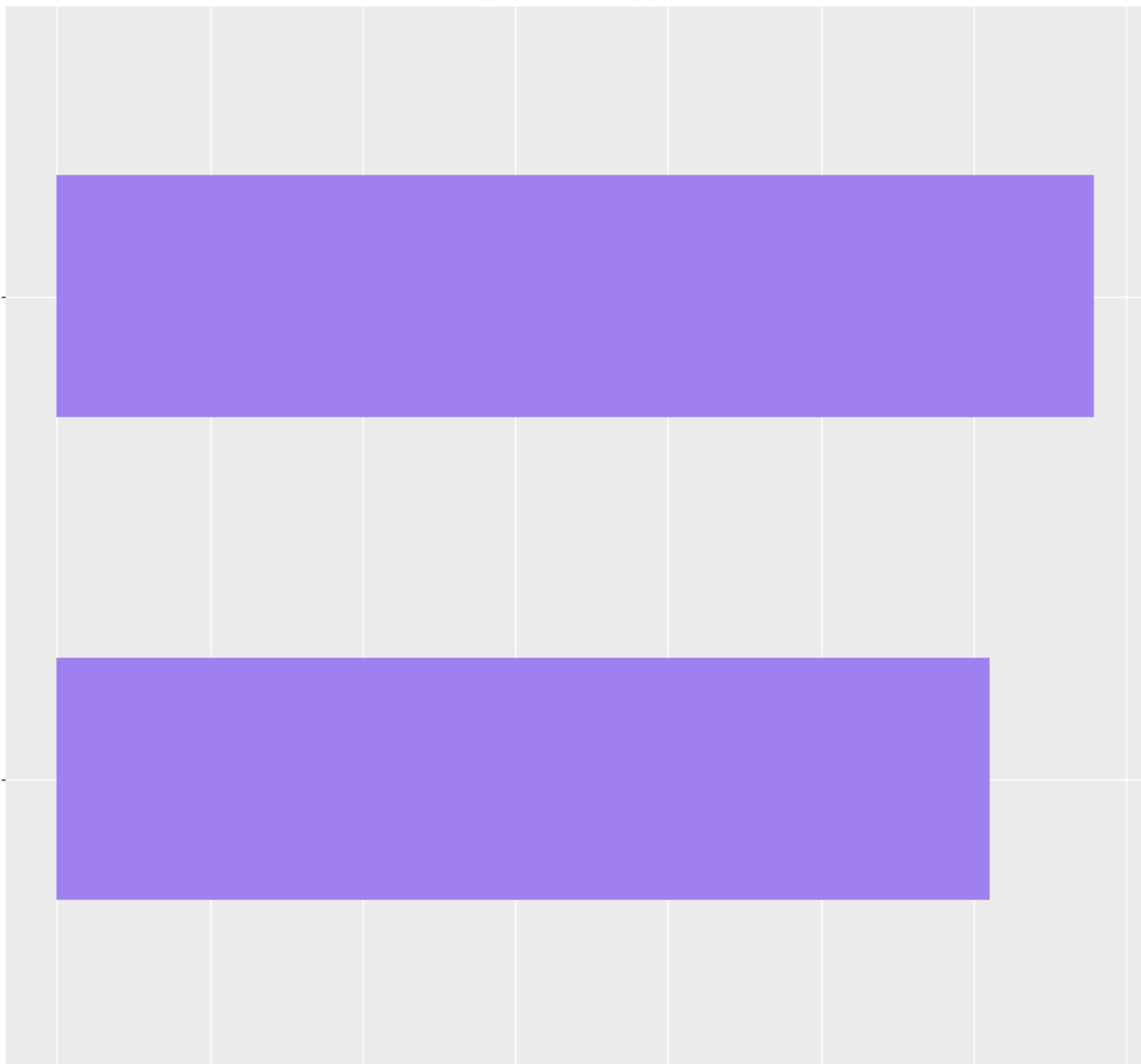
0

2

4

6

Functional Enrichment



rRNA processing

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 4/44

Cluster 15/44

Cluster 16/44

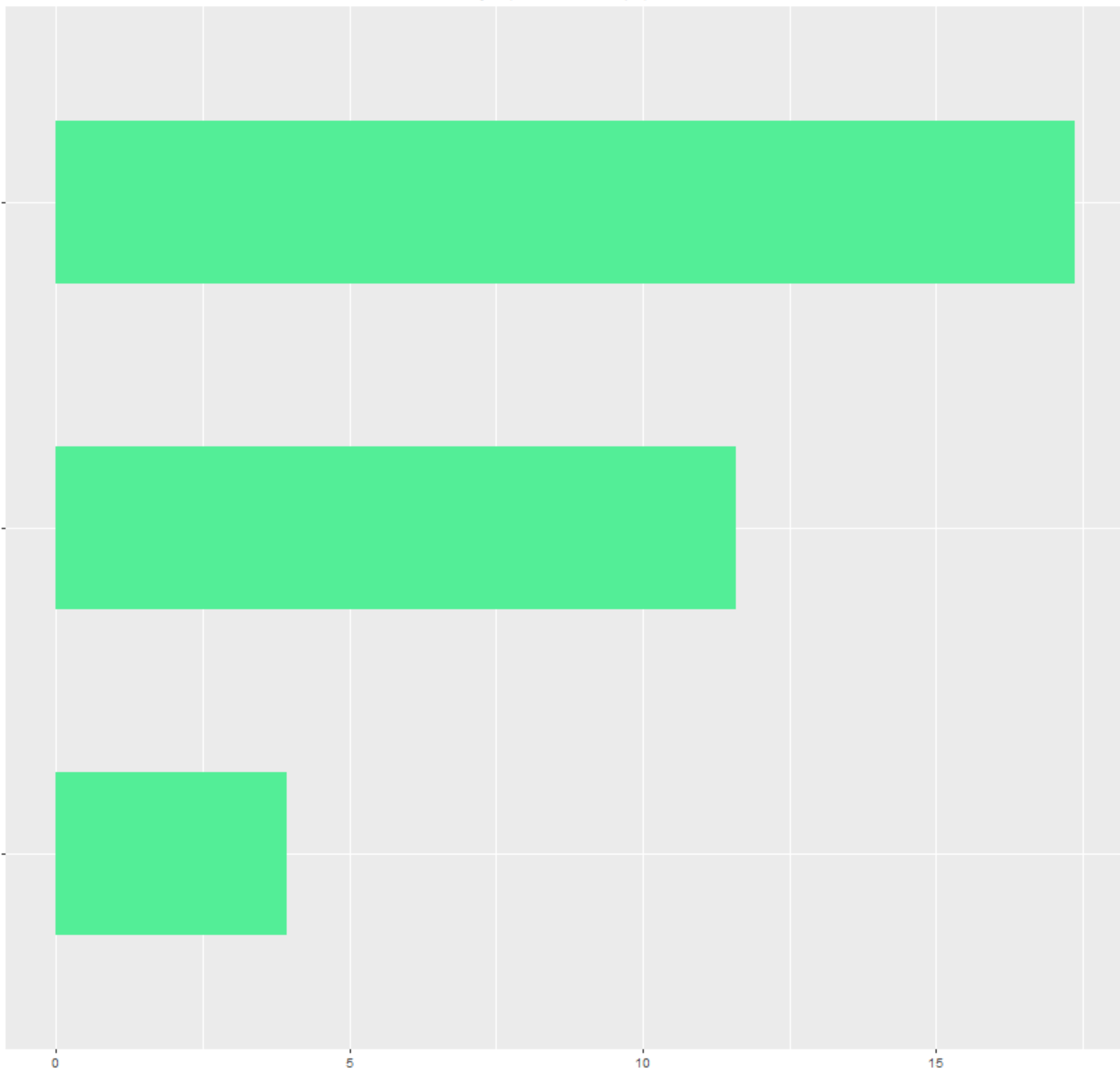
0

5

10

15

Functional Enrichment



rRNA processing

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 6/22

Cluster 16/22

Cluster 17/22

Cluster 21/22

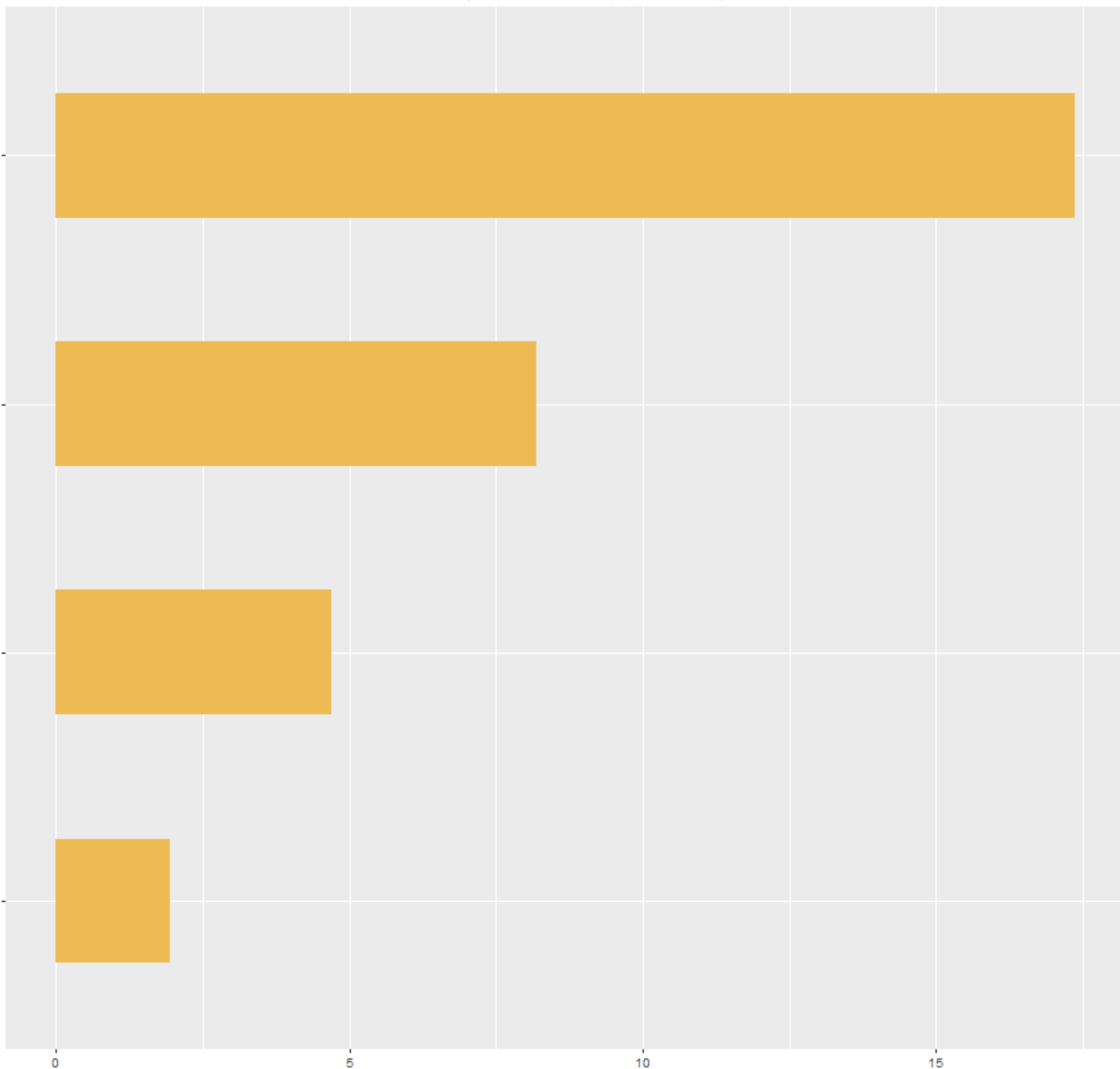
Functional Enrichment

0

5

10

15



rRNA processing

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 1/42

Cluster 7/42

Cluster 11/42

Cluster 8/42

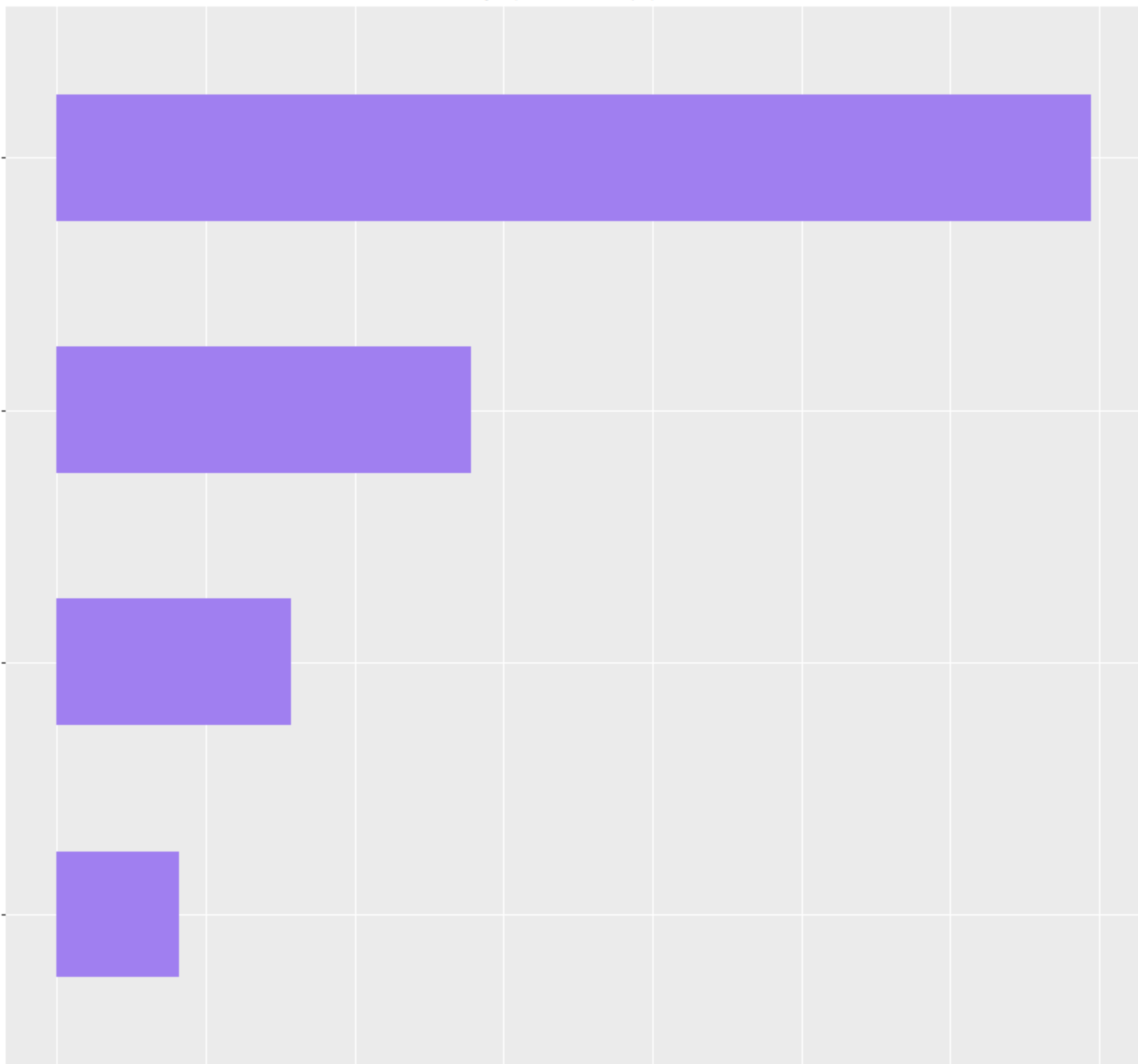
Functional Enrichment

0

5

10

15



snoRNA processing

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 15/44

Cluster 3/44

Functional Enrichment

0

10

20

30



snoRNA processing

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 16/22

Cluster 21/22

0

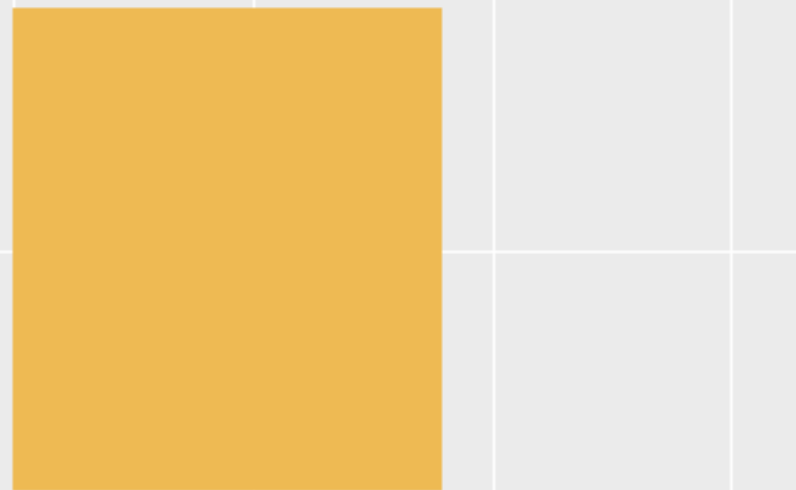
5

10

15

20

Functional Enrichment



snoRNA processing

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 7/42

Cluster 8/42

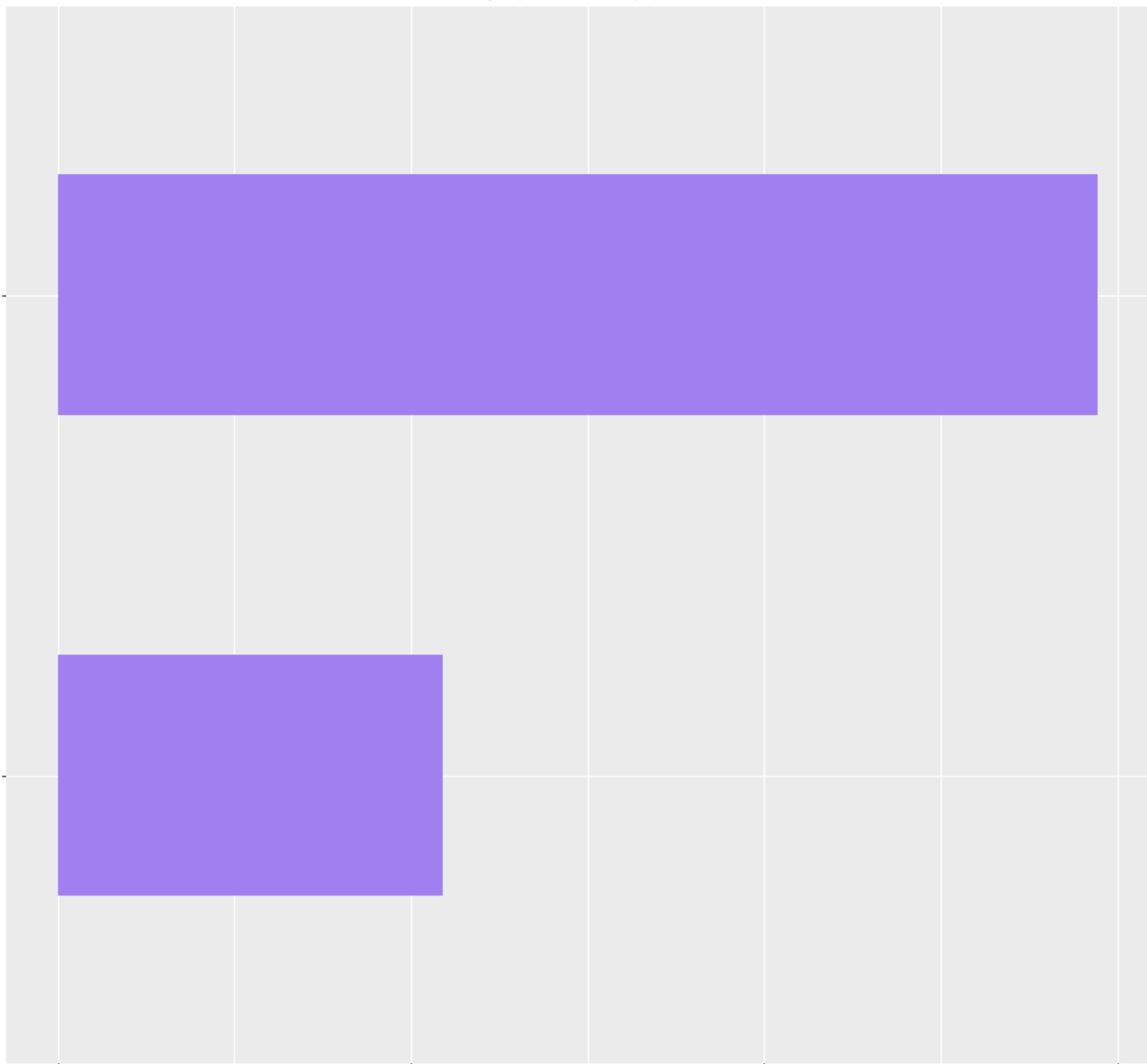
0

5

10

15

Functional Enrichment



telomere organization

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

Cluster 1/44

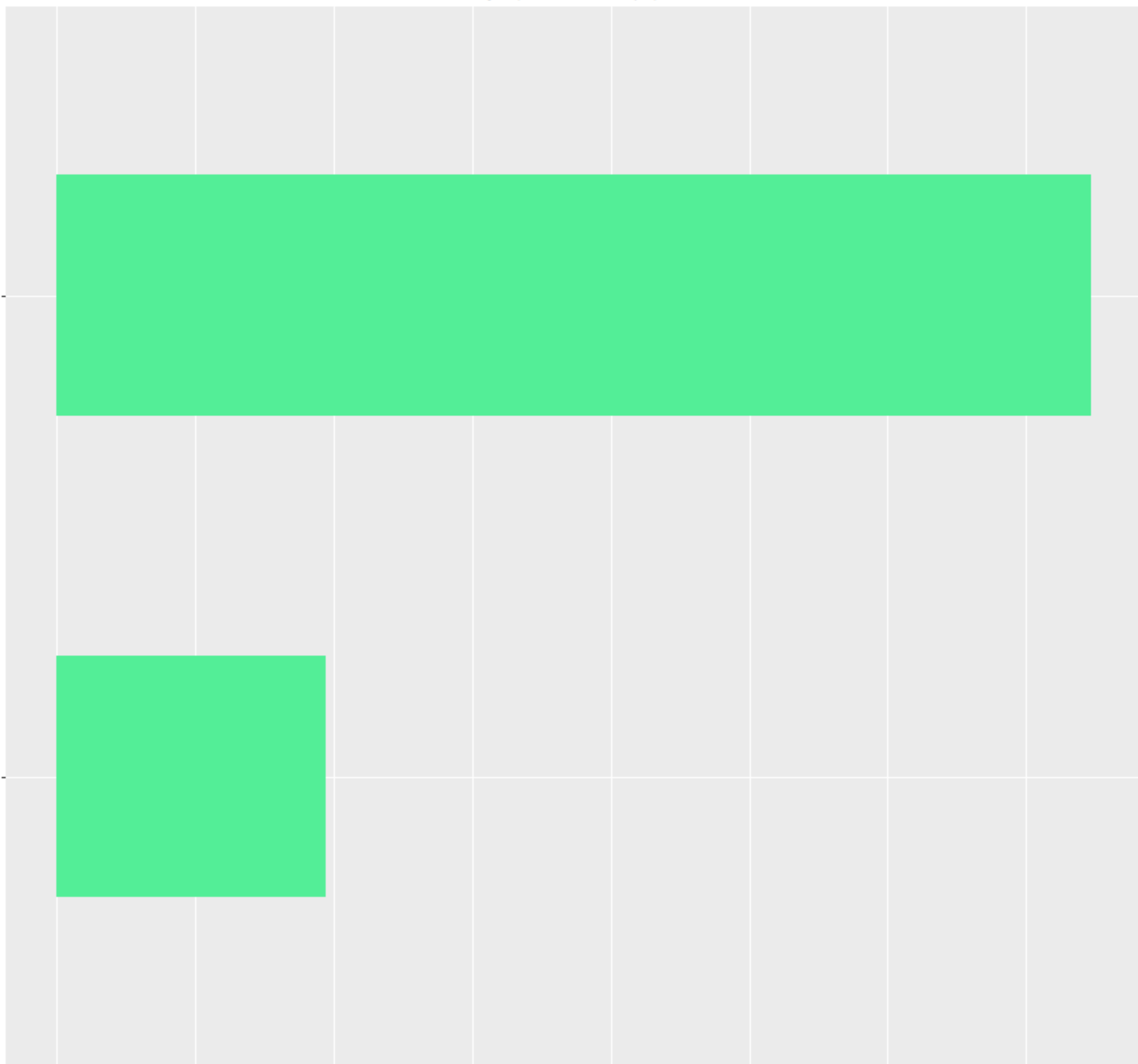
0

5

10

15

Functional Enrichment



telomere organization

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 19/22

0

1

2

3

4

5

Functional Enrichment



telomere organization

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

Cluster 6/42

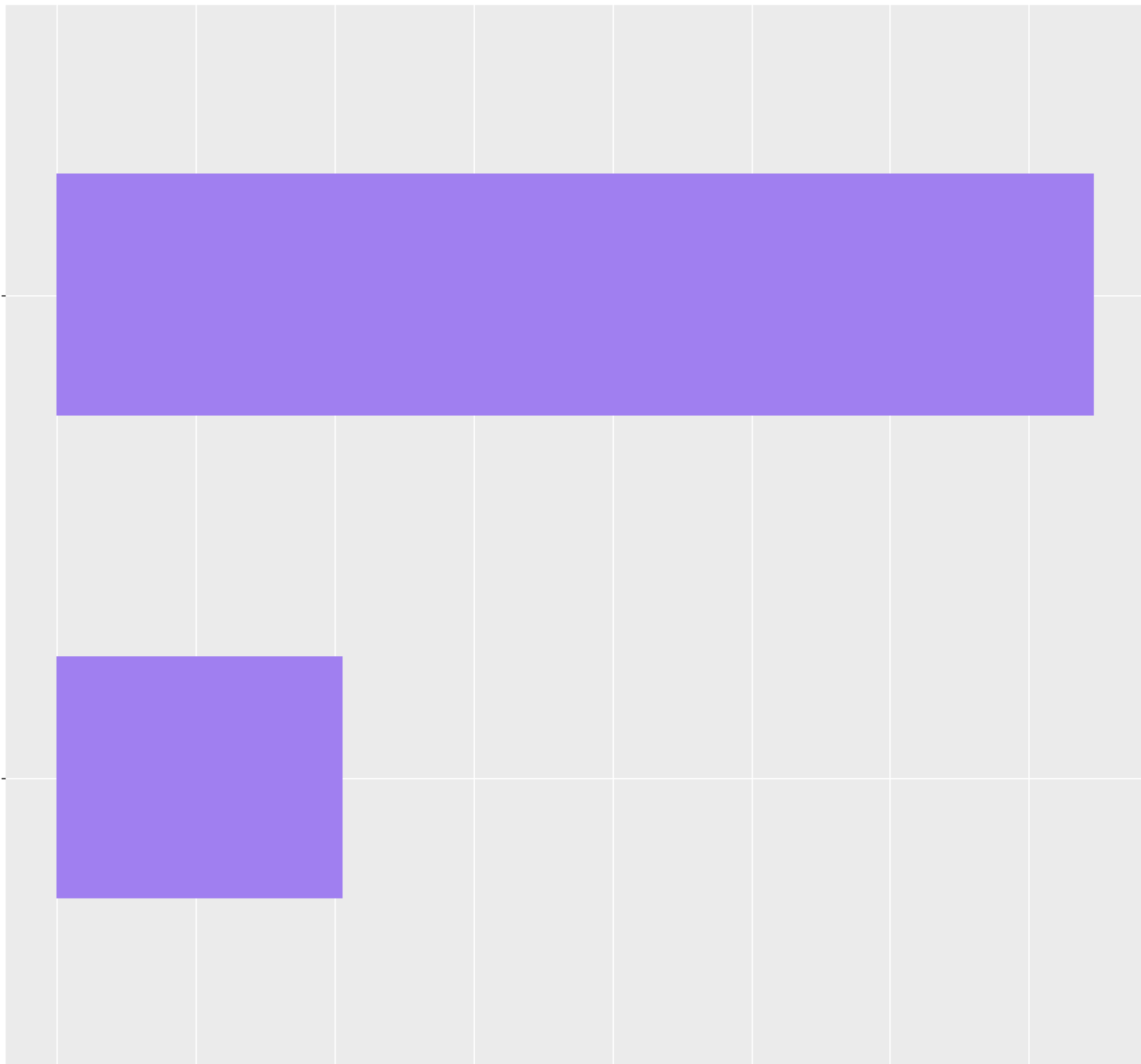
0

5

10

15

Functional Enrichment



transcription from RNA polymerase I promoter

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/44

0

1

2

3

4

Functional Enrichment



transcription from RNA polymerase I promoter

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 31/42

0

1

2

3

4

Functional Enrichment



transcription from RNA polymerase I promoter

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

0

1

2

3

4

5

Functional Enrichment



transcription from RNA polymerase II promoter

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 11/44

Cluster 3/44

Cluster 33/44

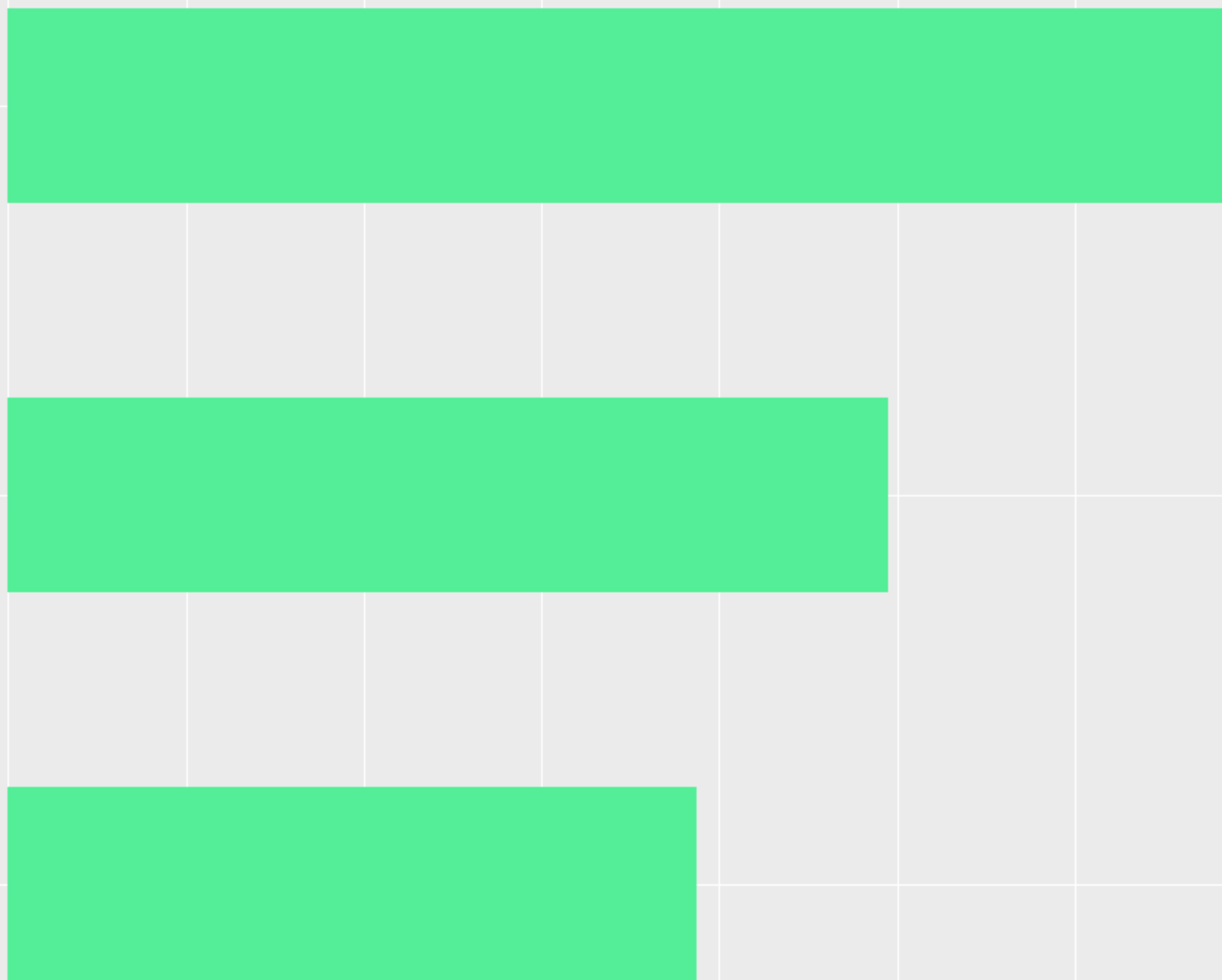
0

1

2

3

Functional Enrichment



transcription from RNA polymerase II promoter

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 11/22

Cluster 21/22

0

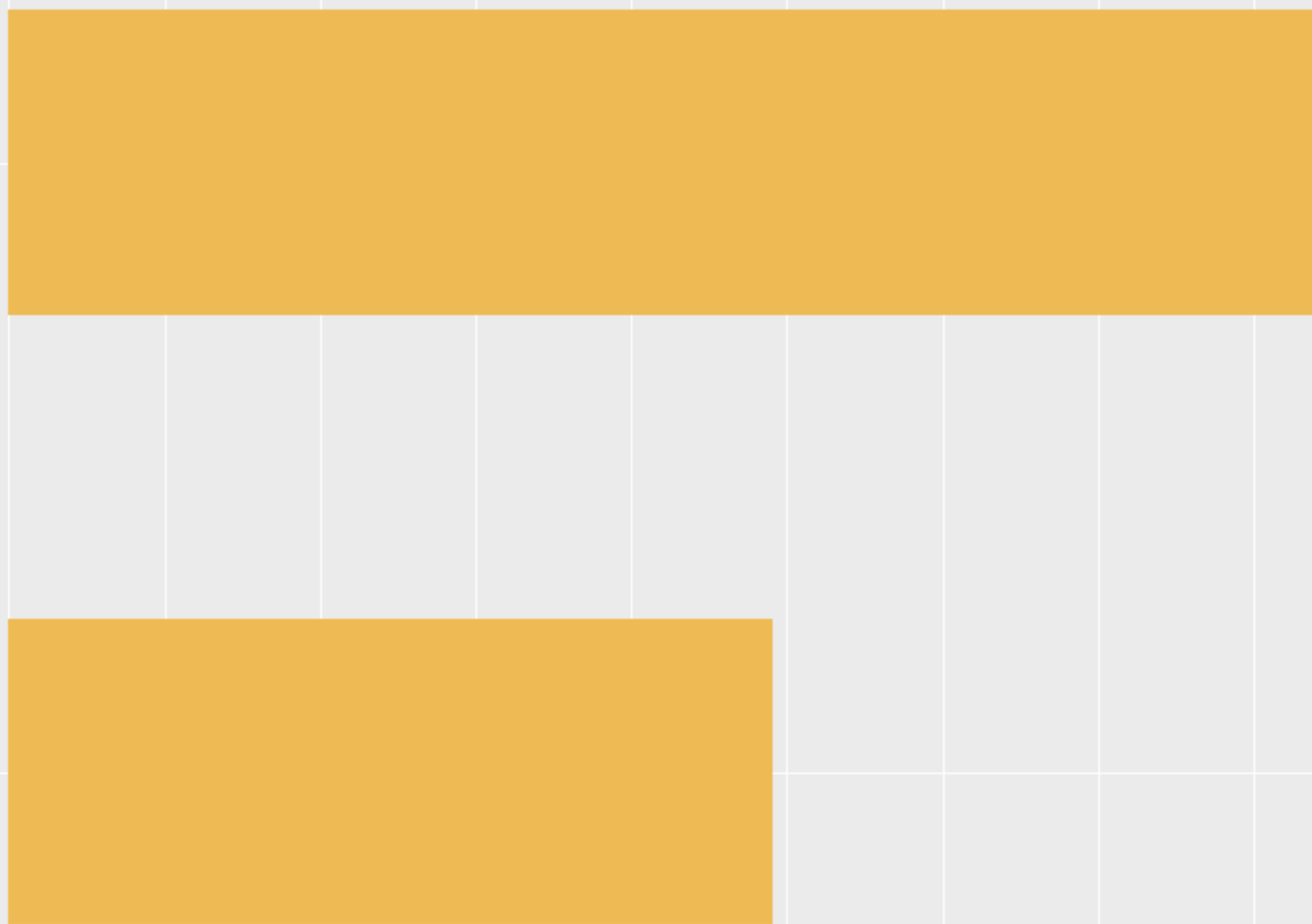
1

2

3

4

Functional Enrichment



transcription from RNA polymerase II promoter

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 14/42

Cluster 8/42

Cluster 31/42

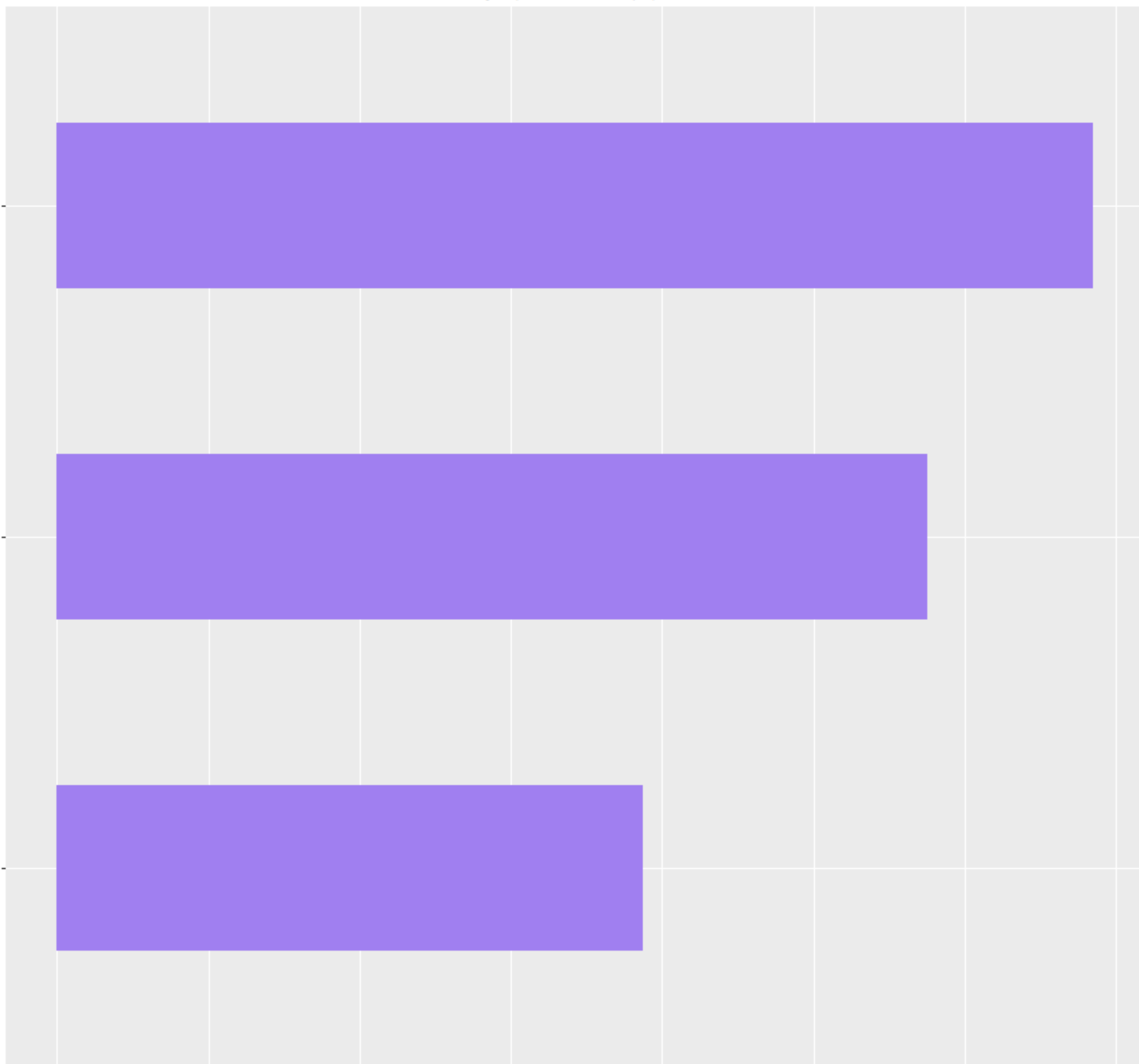
0

1

2

3

Functional Enrichment



transcription from RNA polymerase II promoter

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

0.0

0.5

1.0

1.5

Functional Enrichment



transcription from RNA polymerase III promoter

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 18/22

Cluster 17/22

0

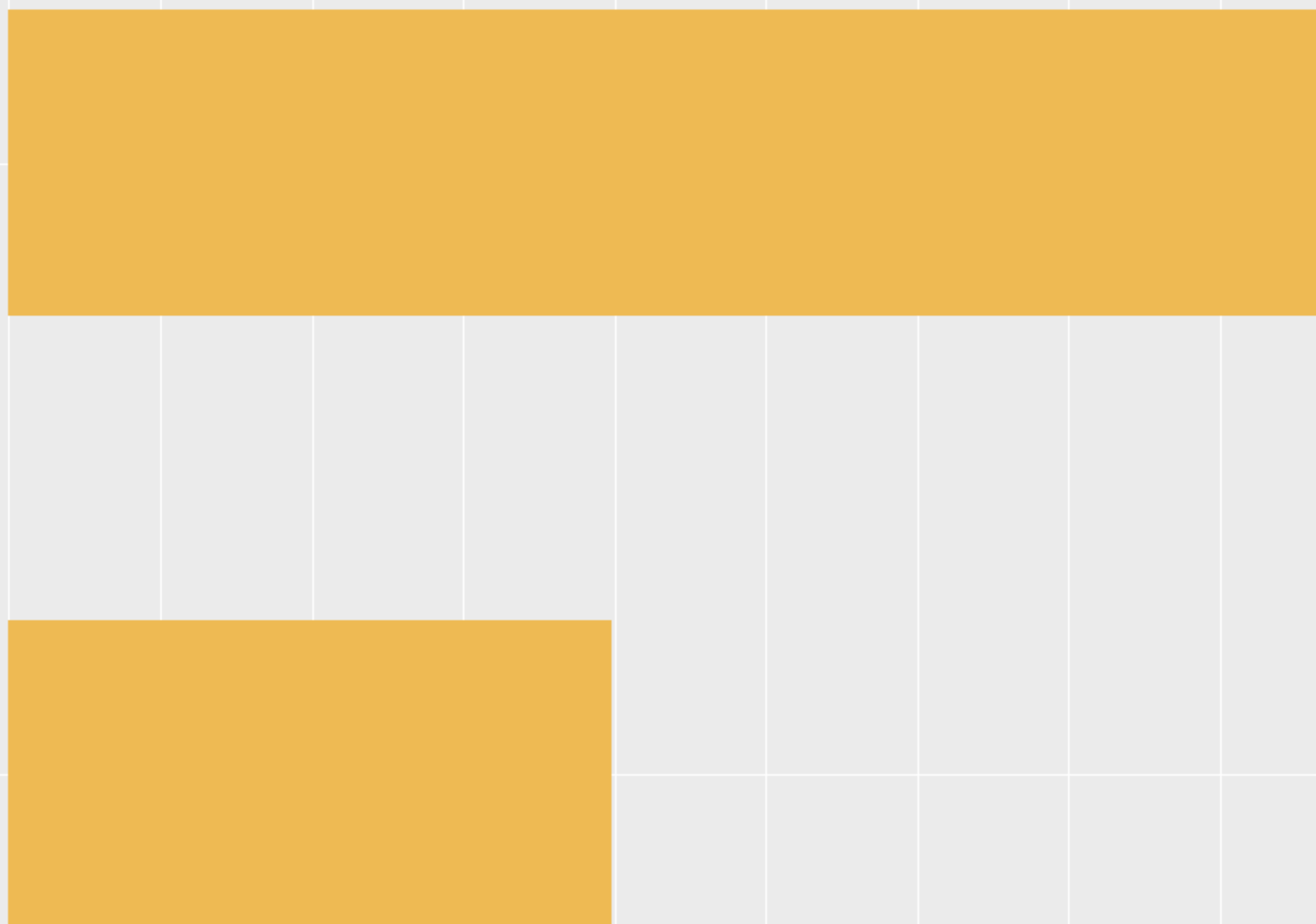
5

10

15

20

Functional Enrichment



transcription from RNA polymerase III promoter

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 7/42

Functional Enrichment

0

5

10

15



translational elongation

With CellCycle | Without AreaShape | All Genes

Cluster

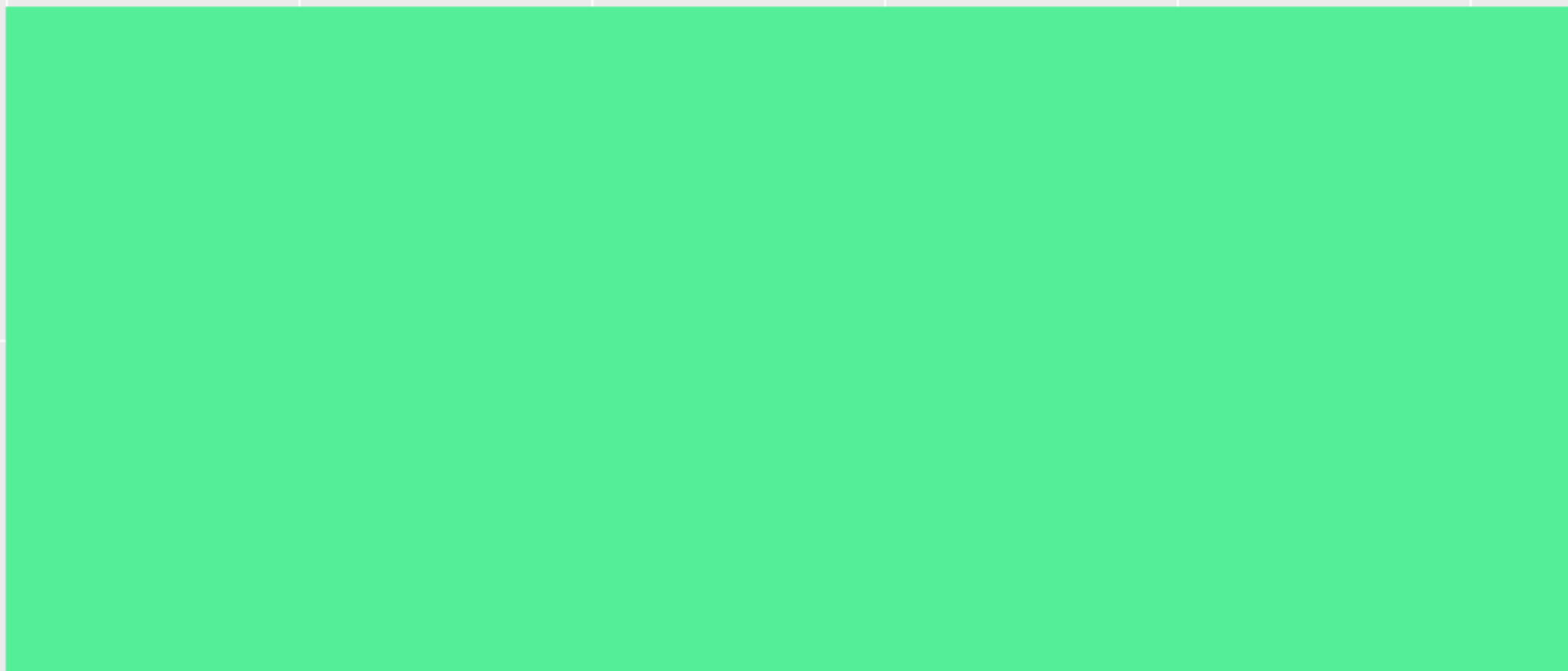
Cluster 33/44

0

2

4

Functional Enrichment



translational elongation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 31/42

0

2

4

Functional Enrichment



translational elongation

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 9/30

0

1

2

3

4

5

Functional Enrichment



translational initiation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

0

1

2

3

Functional Enrichment



translational initiation

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

1

2

3

Functional Enrichment



translational initiation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 8/42

0

1

2

3

4

Functional Enrichment



transposition

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 35/44

0

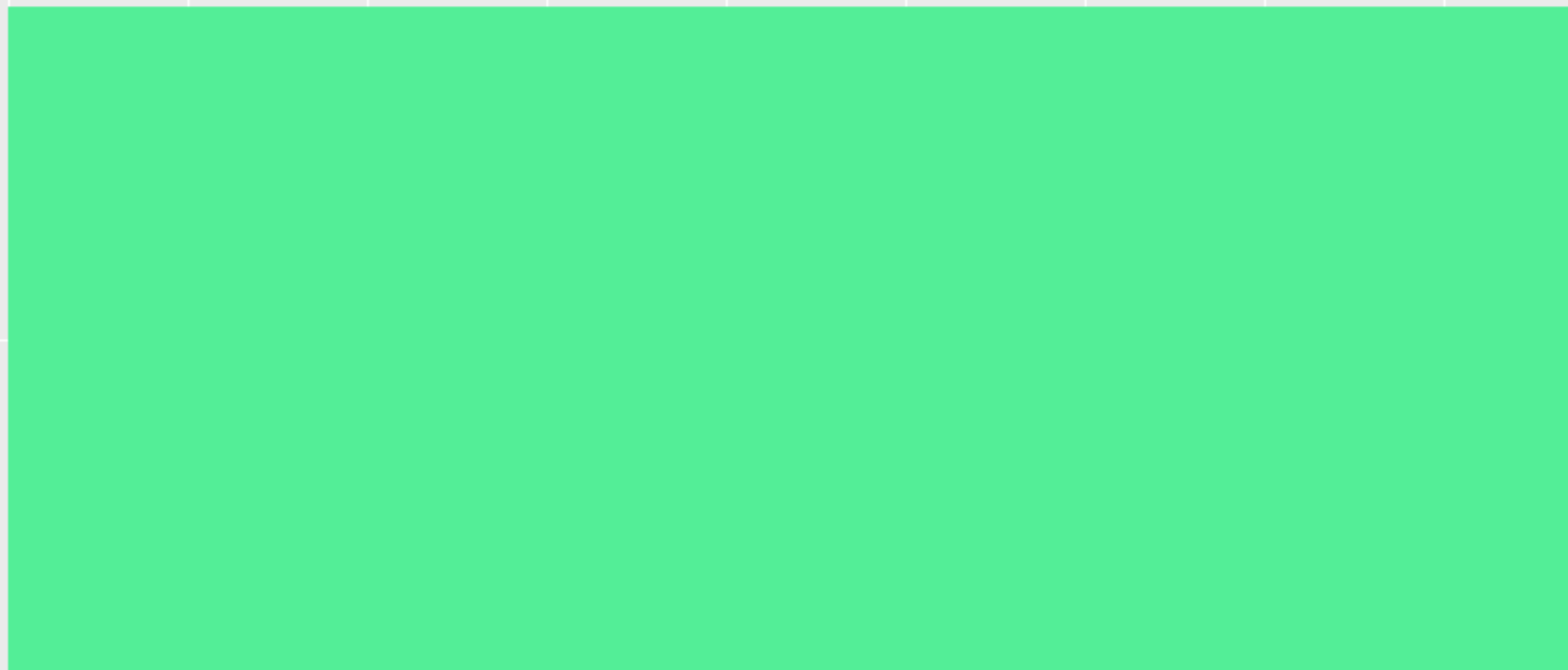
10

20

30

40

Functional Enrichment



transposition

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

0

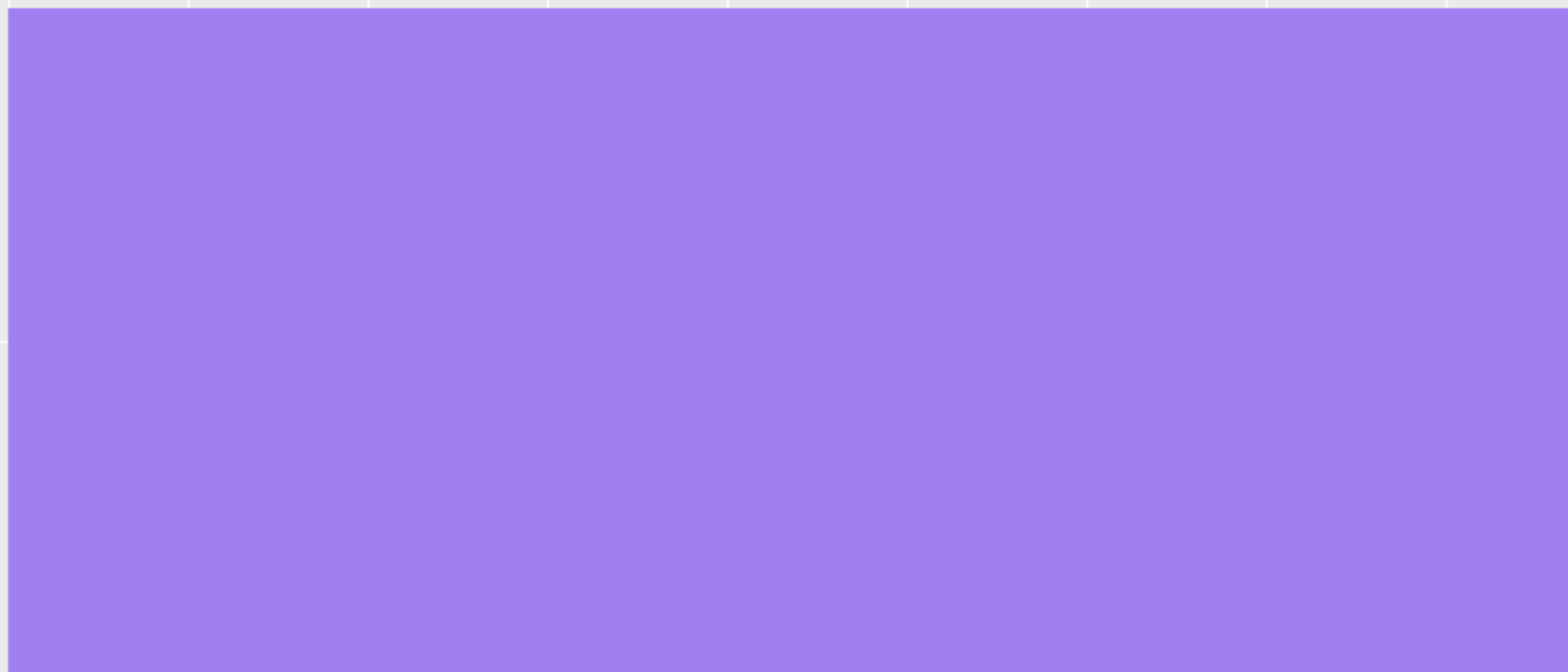
10

20

30

40

Functional Enrichment



transposition

With CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/30

0

10

20

30

40

50

Functional Enrichment



tRNA aminoacylation for protein translation

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 11/44

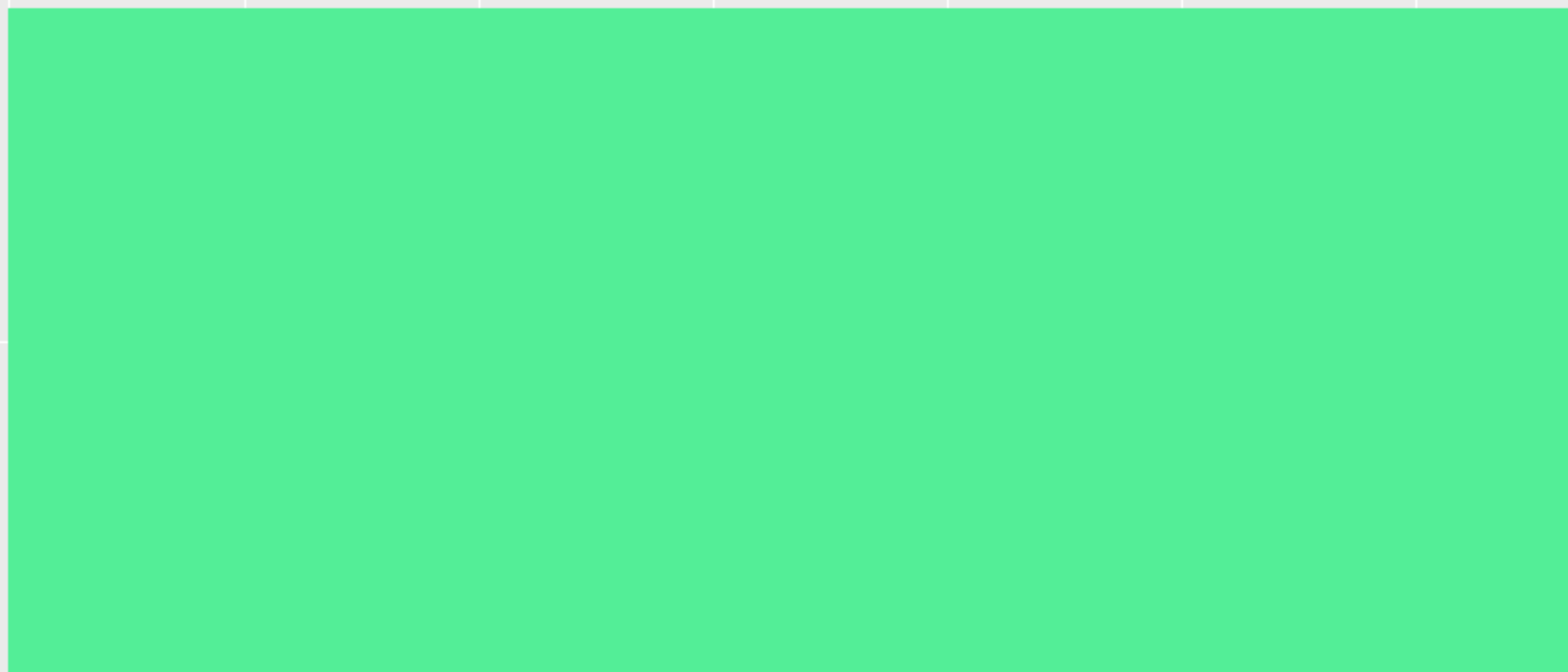
0

5

10

15

Functional Enrichment



tRNA aminoacylation for protein translation

With CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 14/42

0

5

10

15

Functional Enrichment



vesicle organization

With CellCycle | Without AreaShape | All Genes

Cluster

Cluster 3/44

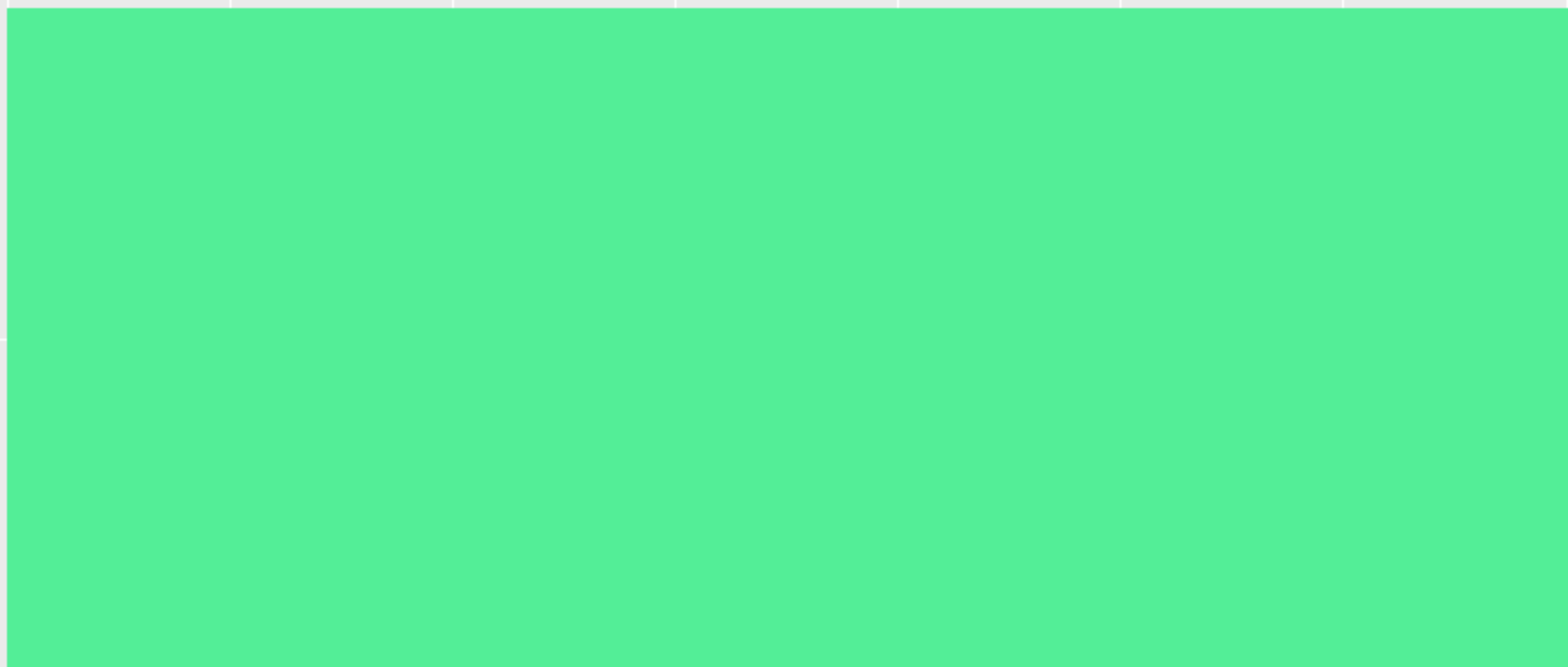
0

2

4

6

Functional Enrichment



vesicle organization

With CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 21/22

0

2

4

6

Functional Enrichment

