

carbohydrate metabolic process

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/24

0

1

2

3

Functional Enrichment



cell wall organization or biogenesis

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 28/42

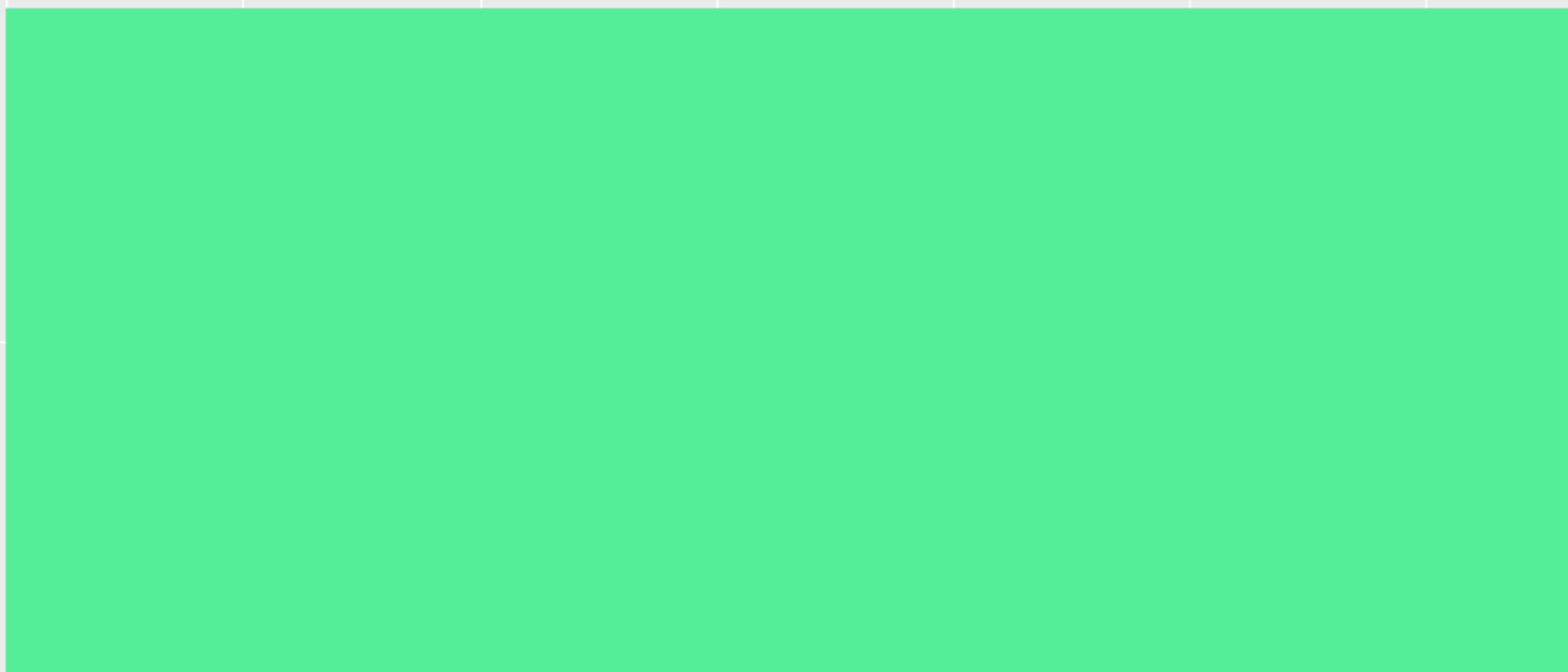
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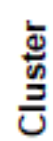
6

Functional Enrichment



Without CellCycle | Without AreaShape | No Vesicle

Without CellCycle | Without AreaShape | No Vesicle



Cluster 21/42 -

0

2

4

6

Functional Enrichment

cell wall organization or biogenesis

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 4/24

0

2

4

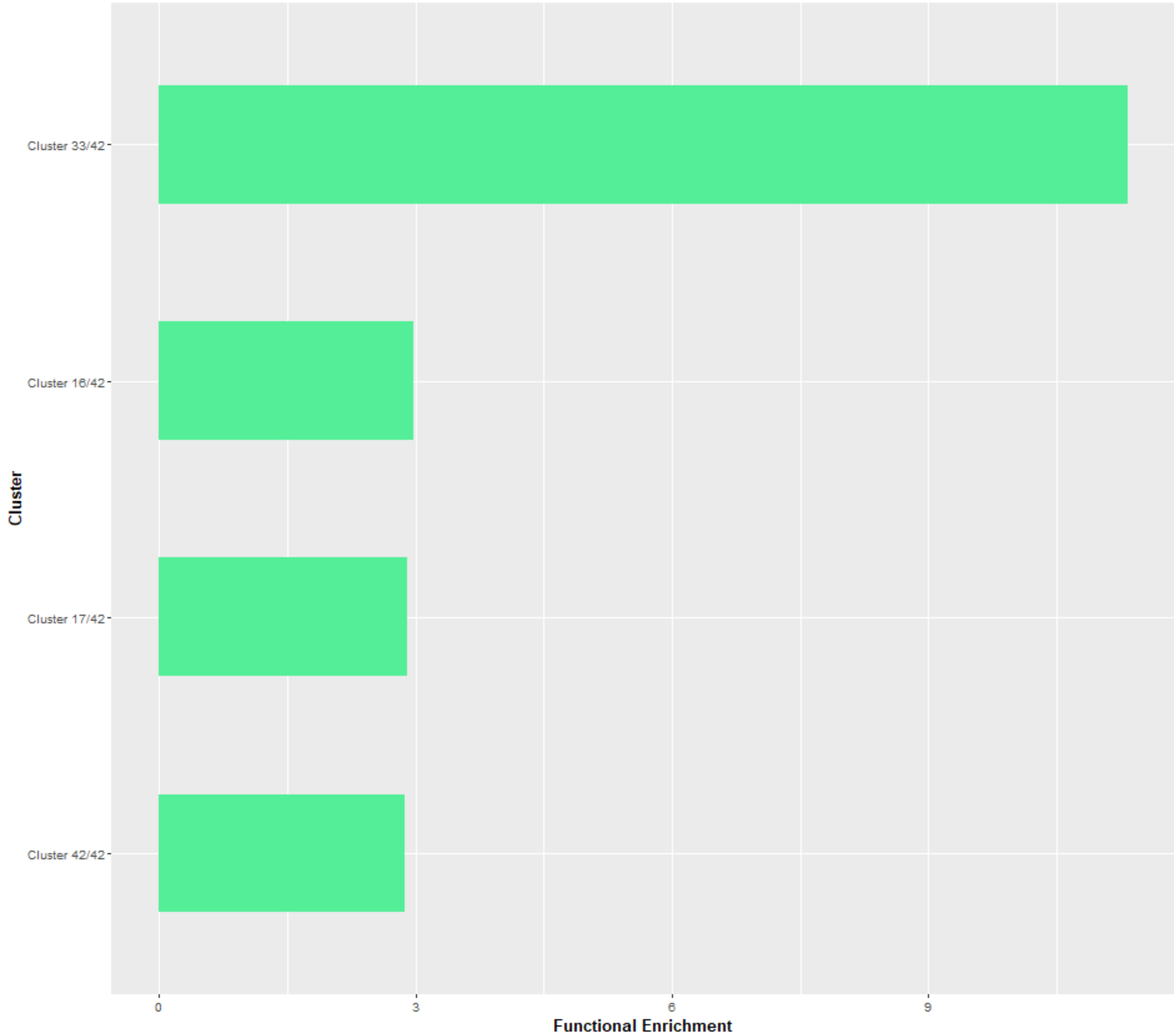
6

Functional Enrichment



cellular response to DNA damage stimulus

Without CellCycle | Without AreaShape | All Genes



cellular response to DNA damage stimulus

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

Cluster 7/22

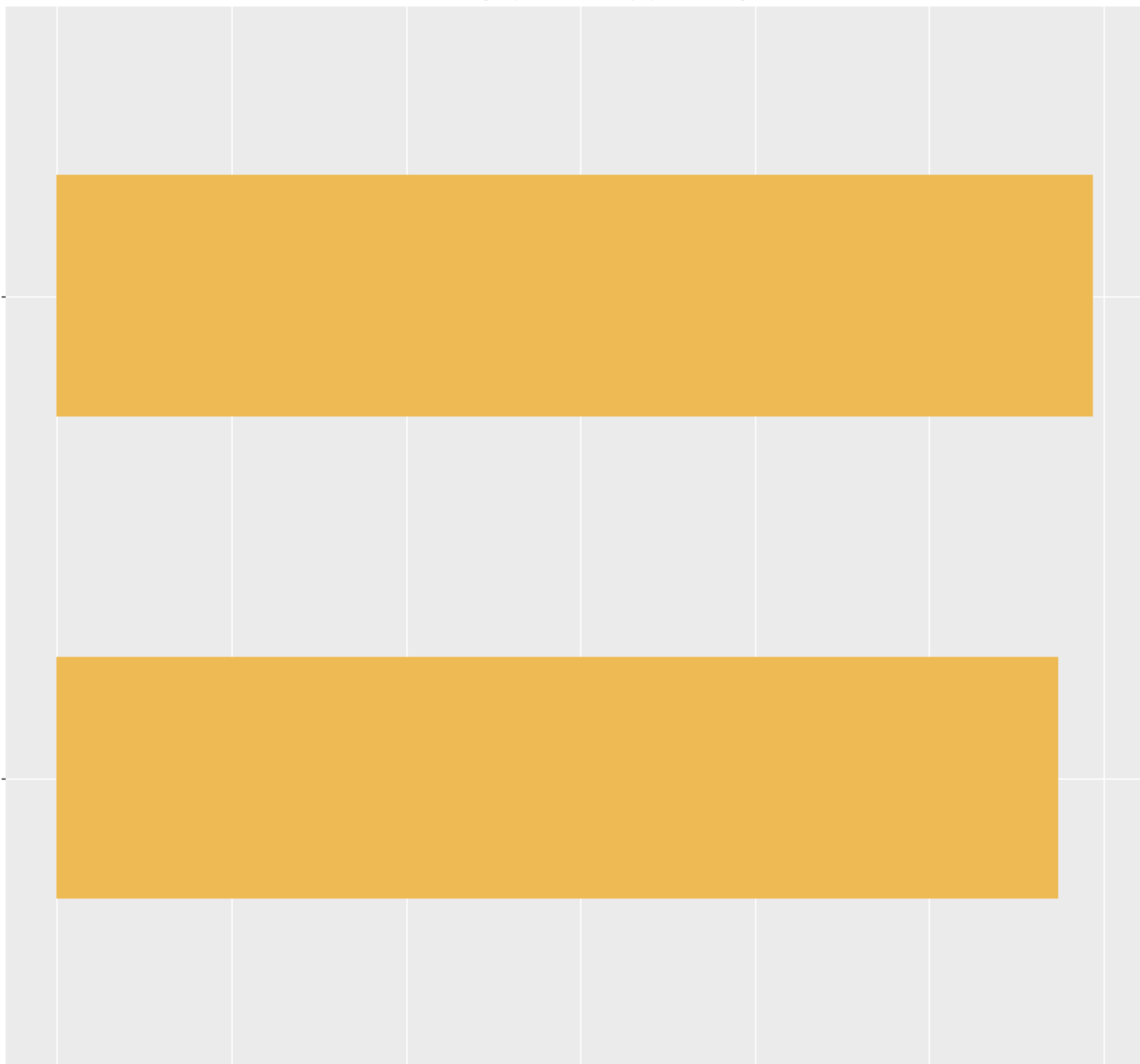
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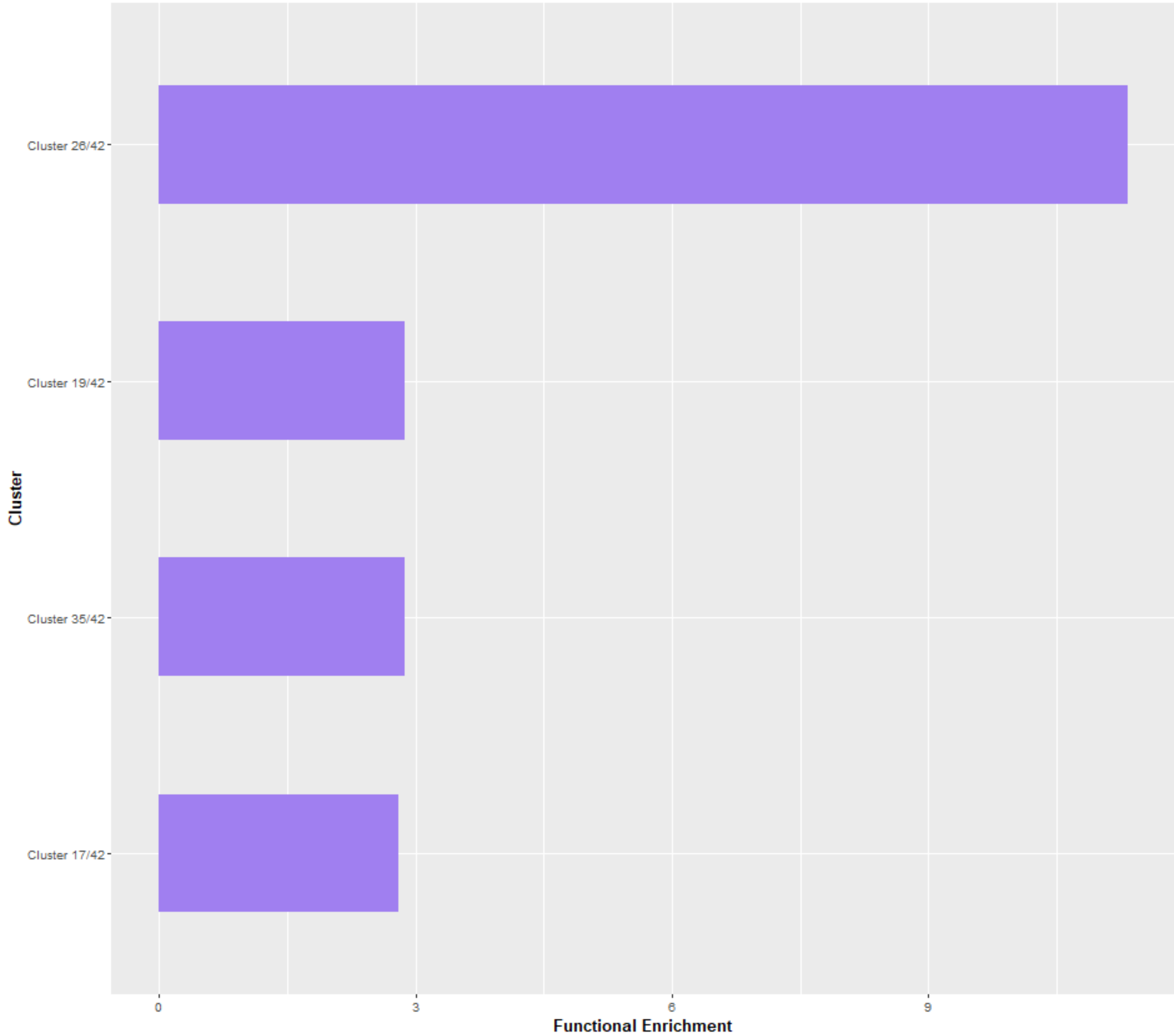
3

Functional Enrichment



cellular response to DNA damage stimulus

Without CellCycle | Without AreaShape | No Vesicle



cellular response to DNA damage stimulus

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

3

6

9

Functional Enrichment



chromatin organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/42

Cluster 16/42

Cluster 17/42

Cluster 37/42

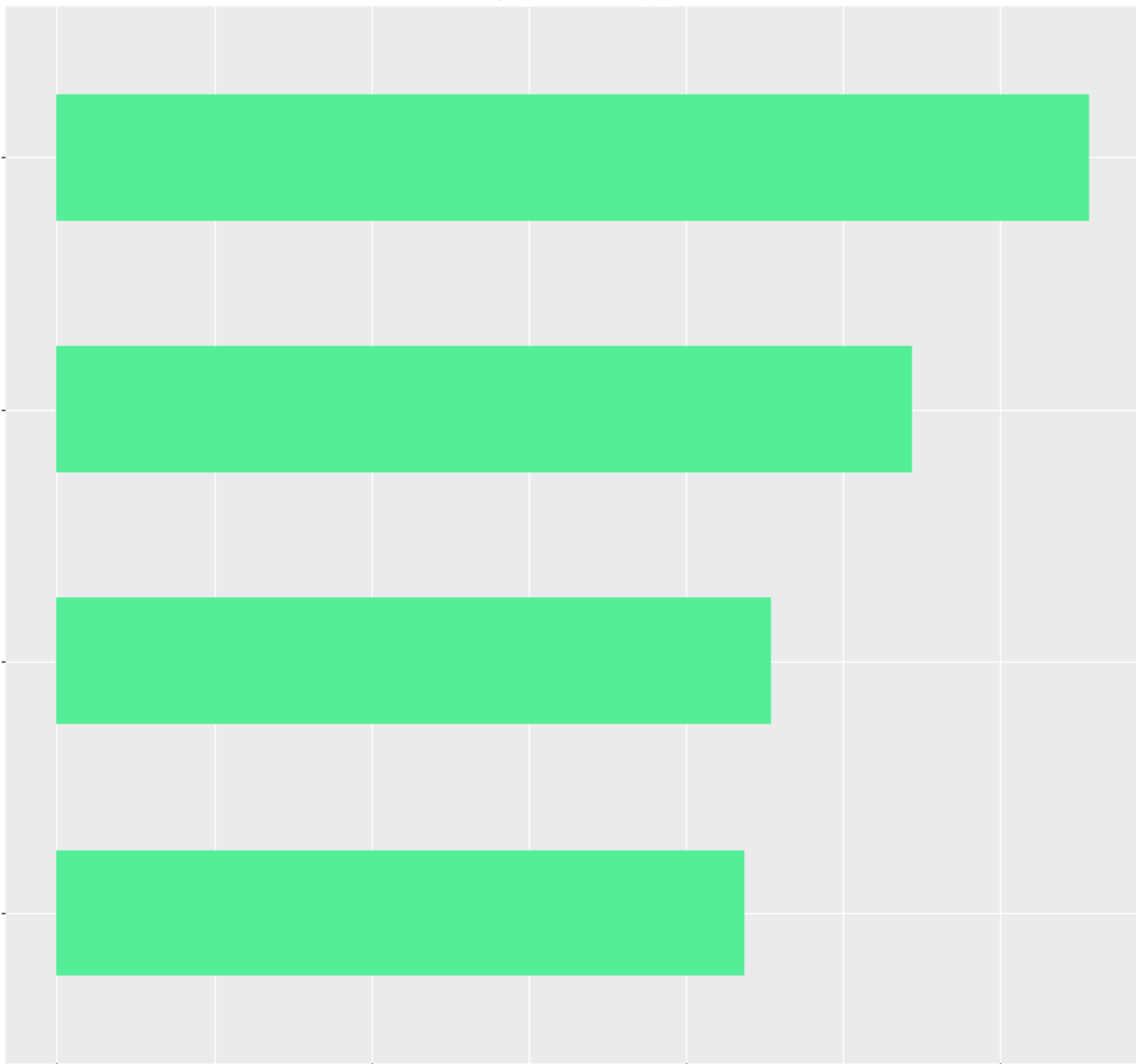
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1

2

3

Functional Enrichment



chromatin organization

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

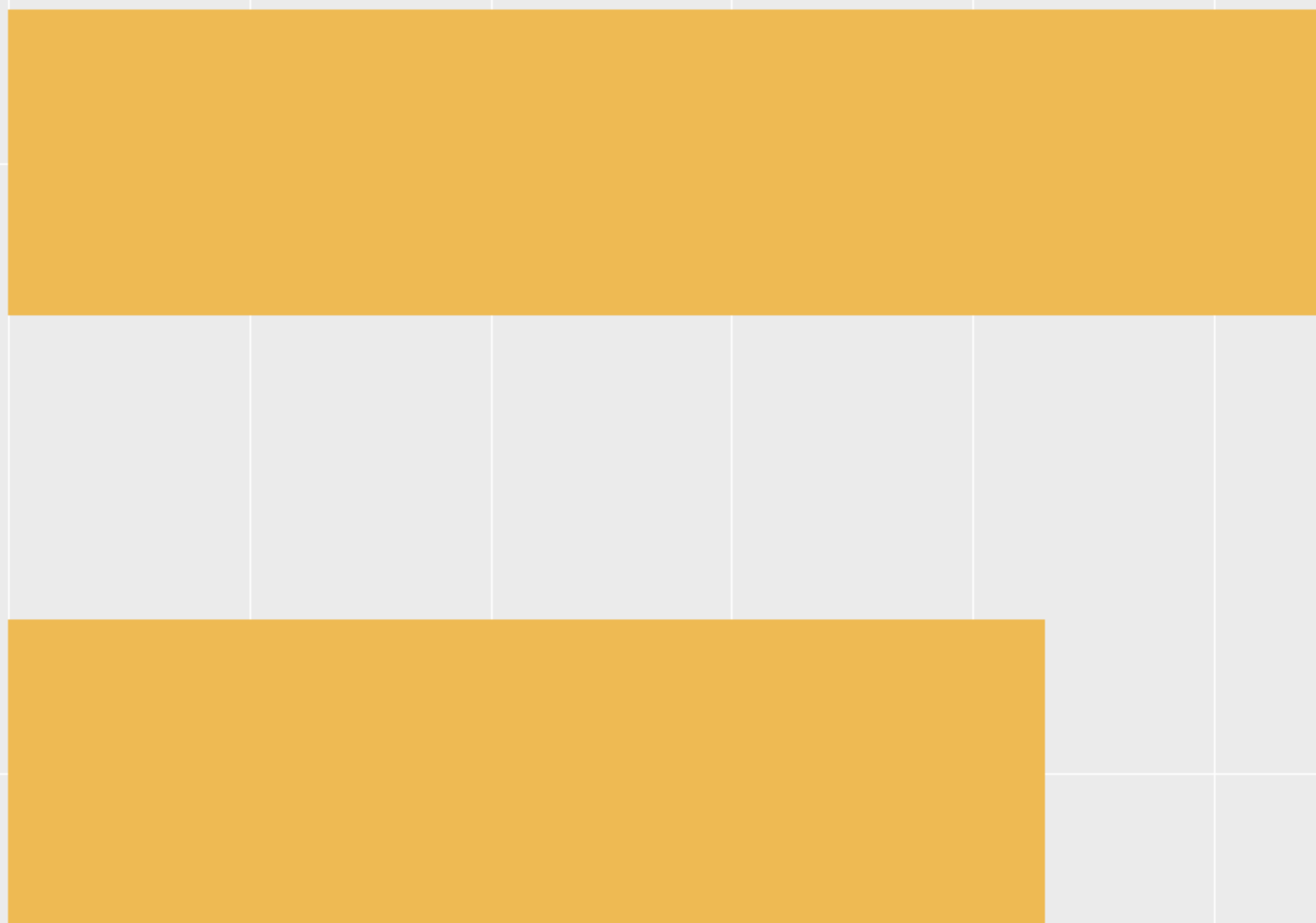
Cluster 7/22

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1

2

Functional Enrichment



chromatin organization

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 35/42

Cluster 19/42

Cluster 30/42

Cluster 17/42

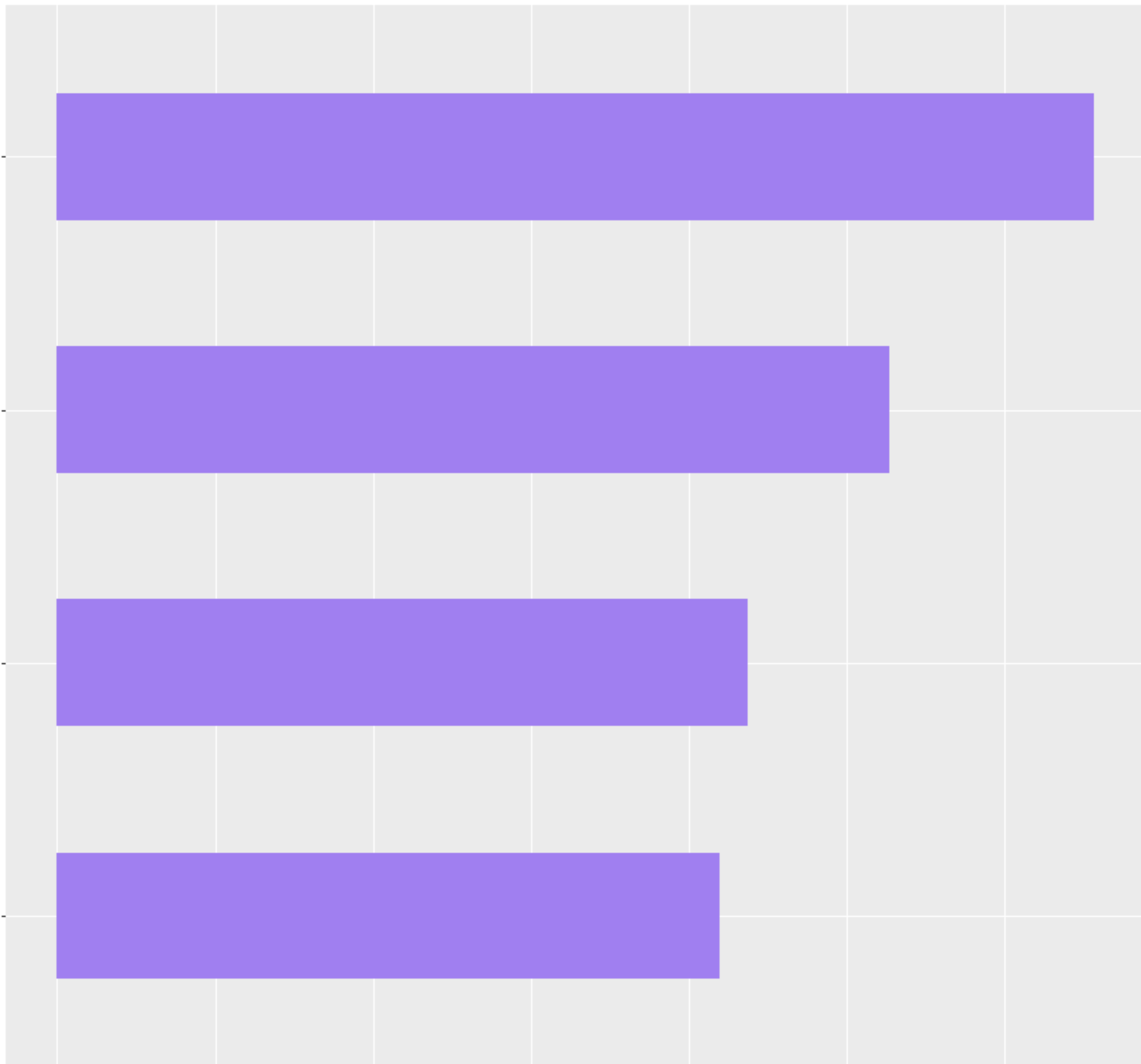
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1

2

3

Functional Enrichment



chromatin organization

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/24

0.0

0.5

1.0

1.5

2.0

Functional Enrichment



chromosome segregation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 17/42

0.0

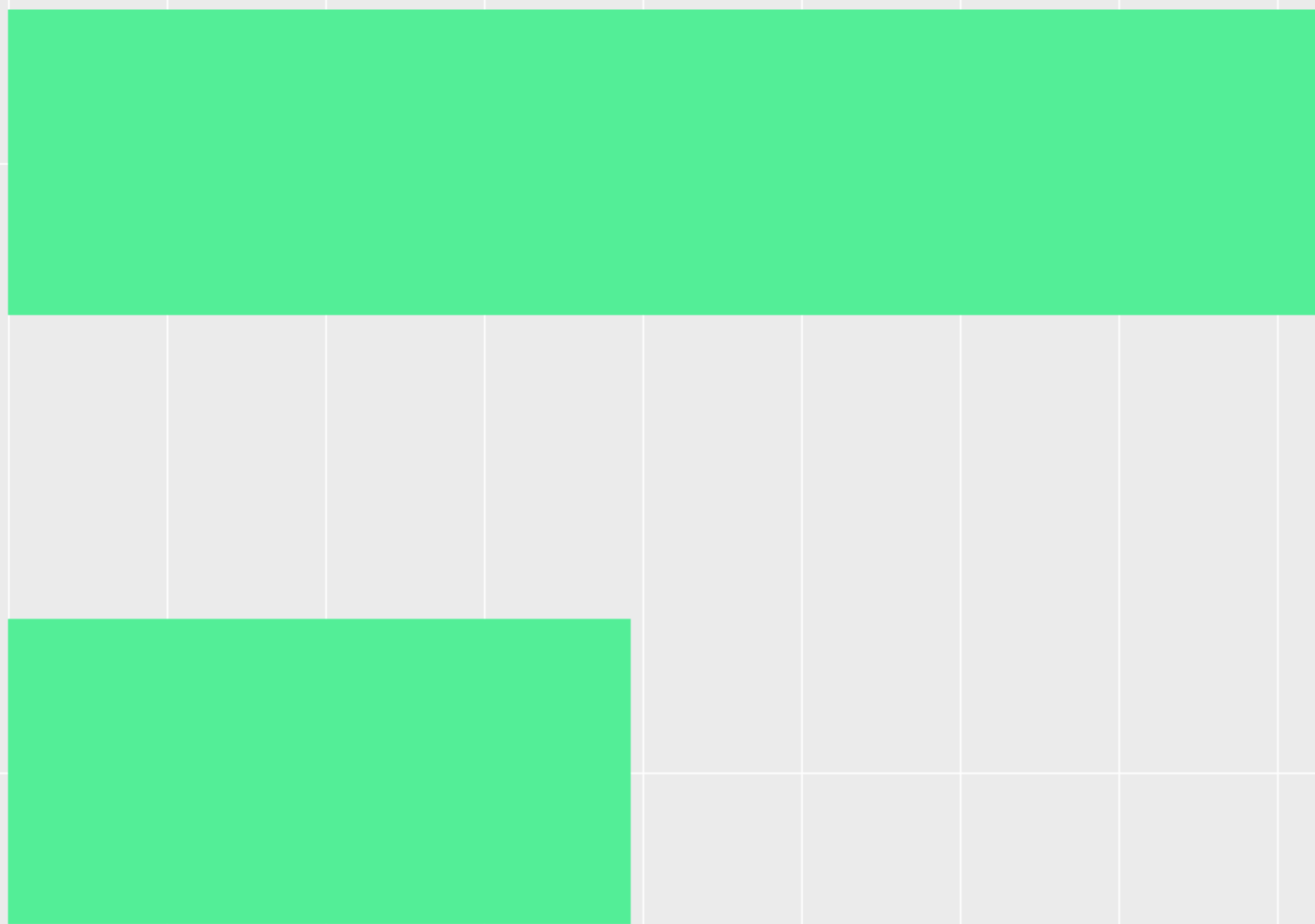
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5.0

7.5

10.0

Functional Enrichment



chromosome segregation

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

3

4

Functional Enrichment



chromosome segregation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 17/42

0.0

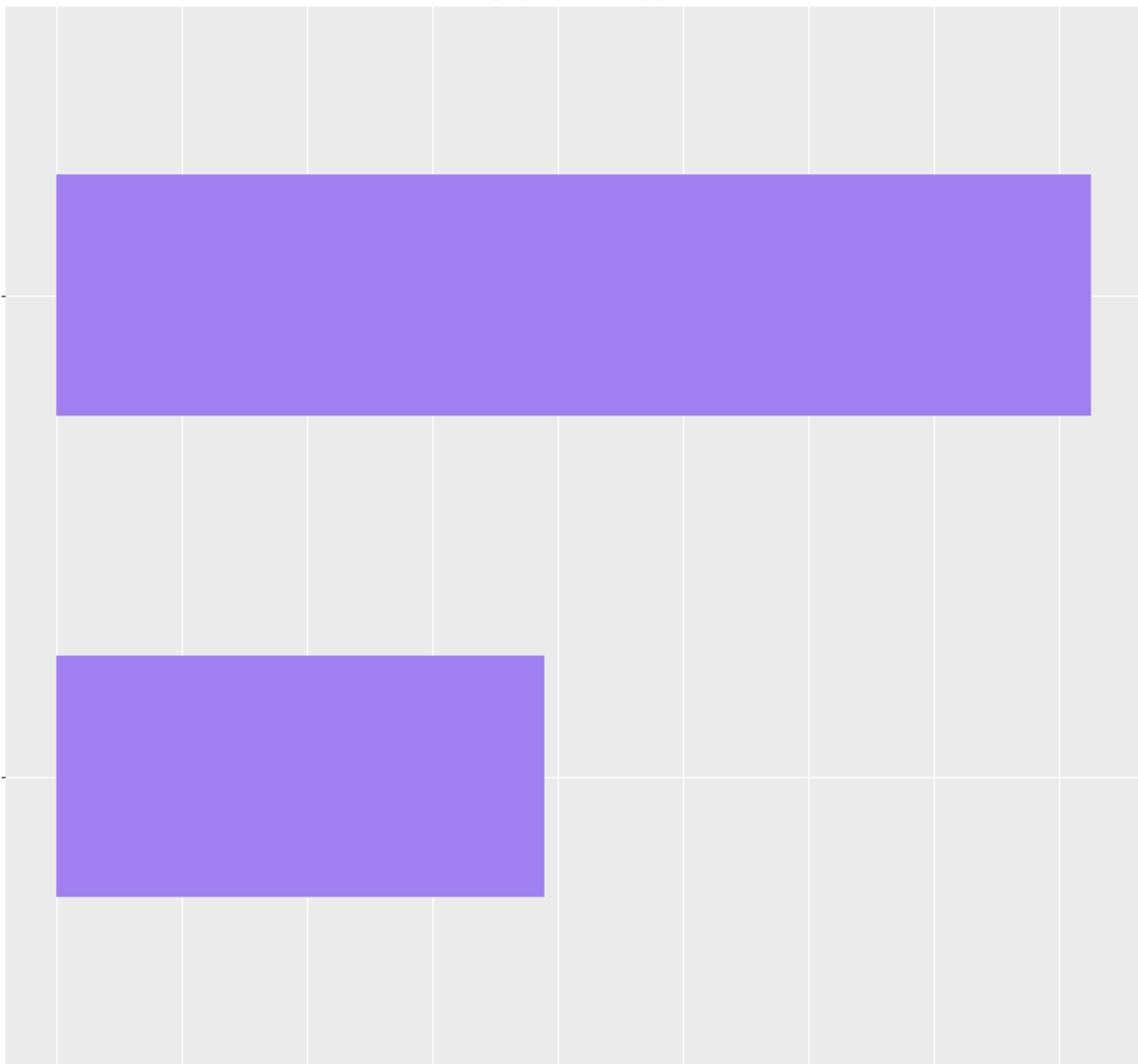
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7.5

10.0

Functional Enrichment



chromosome segregation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0.0

2.5

5.0

7.5

10.0

Functional Enrichment



cofactor metabolic process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 2/42

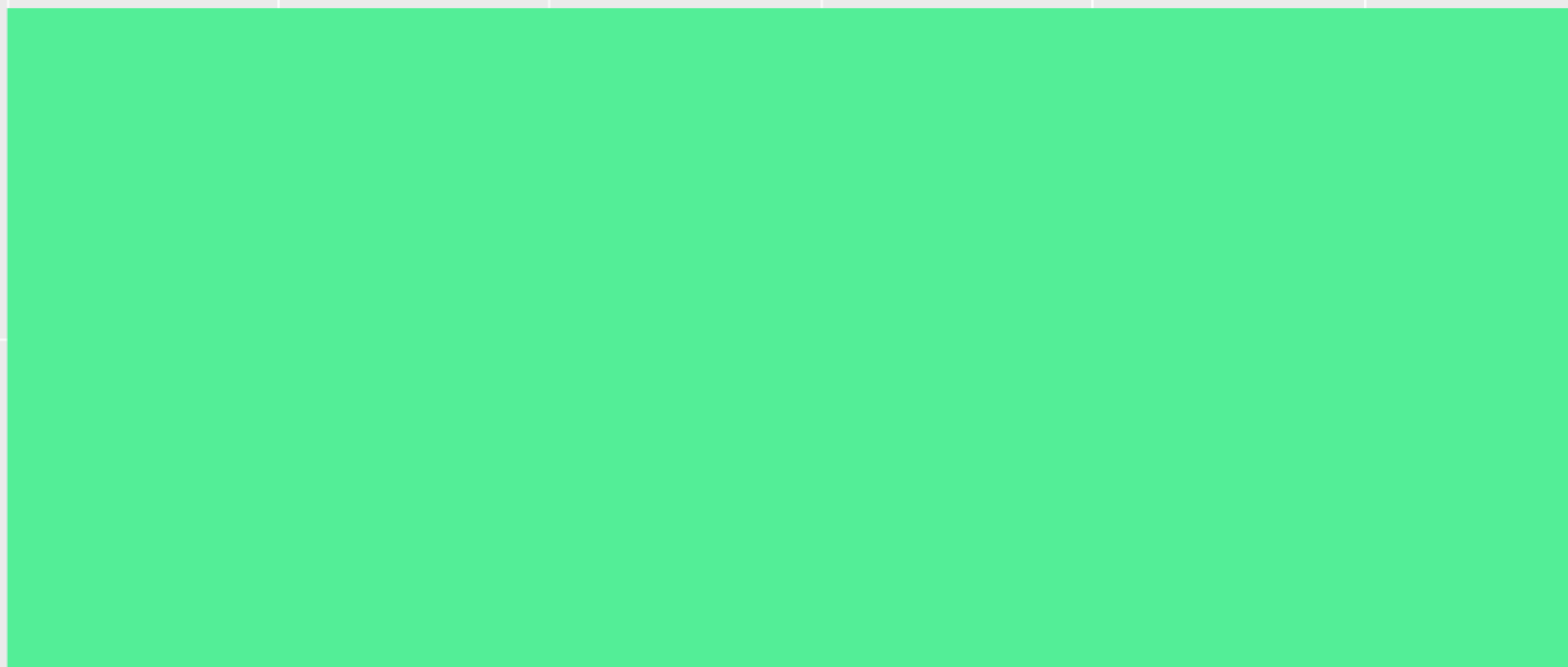
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2

4

6

Functional Enrichment



cofactor metabolic process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 2/42

0

2

4

6

Functional Enrichment



cofactor metabolic process

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/24

0

2

4

6

Functional Enrichment



conjugation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 40/42

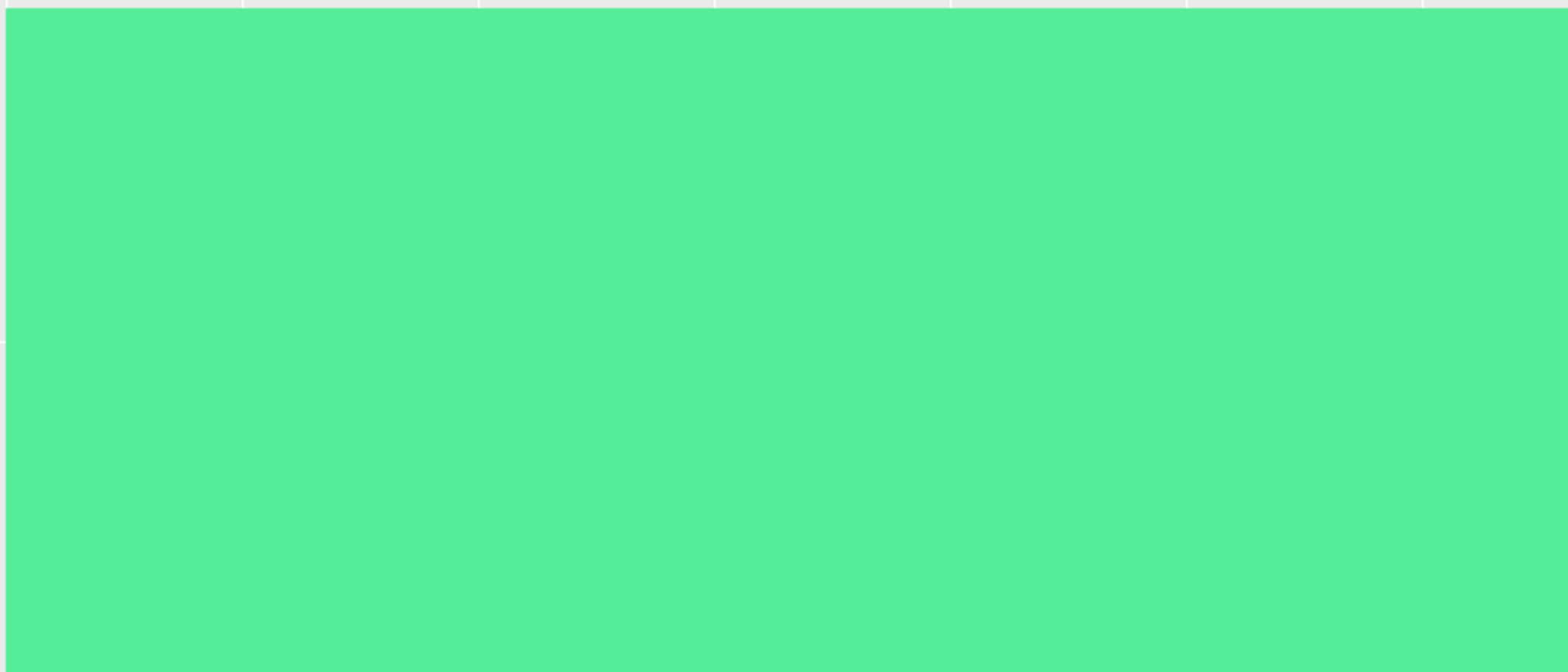
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1

2

3

Functional Enrichment



conjugation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 33/42

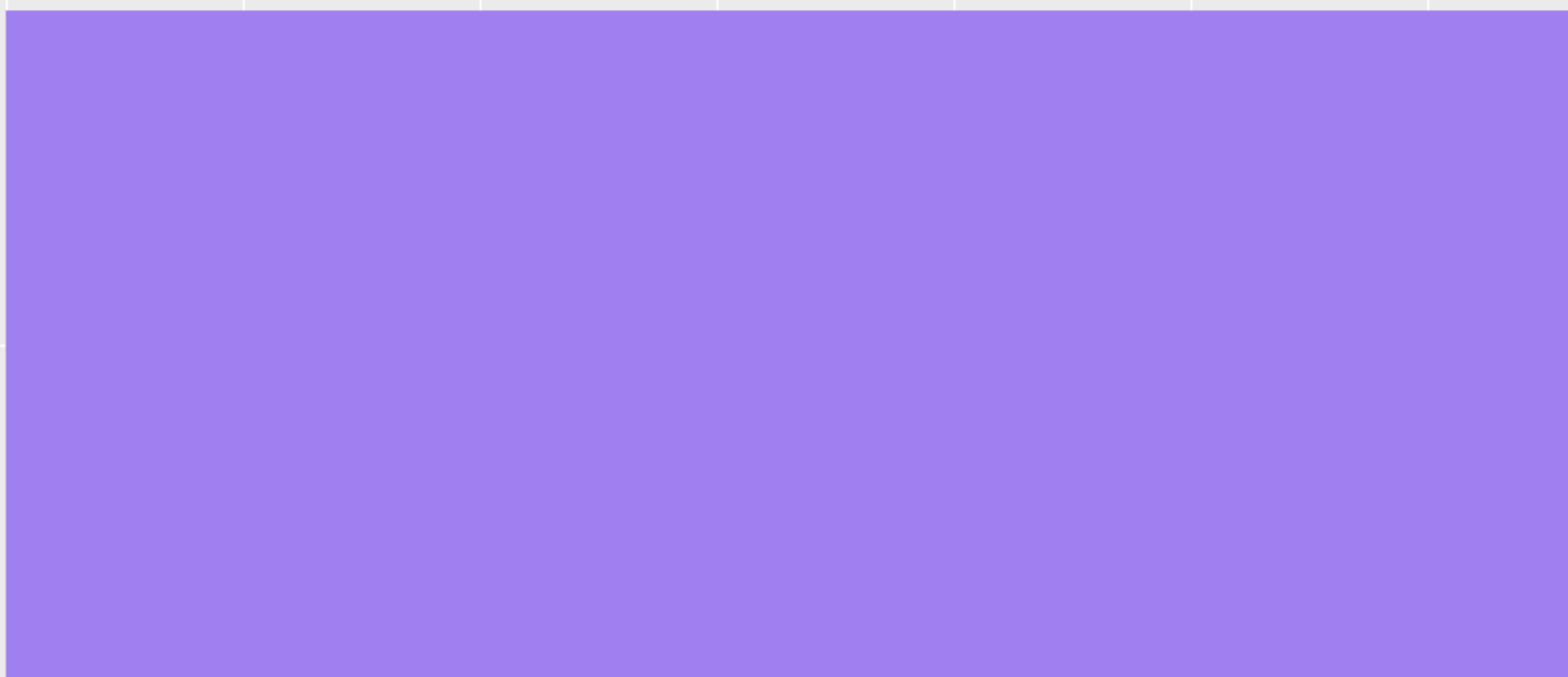
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1

2

3

Functional Enrichment



conjugation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 24/24

0

1

2

3

4

Functional Enrichment



cytokinesis

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 41/42

0

1

2

3

Functional Enrichment



cytokinesis

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 34/42

0

1

2

3

Functional Enrichment



cytokinesis

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 22/24

0

1

2

3

Functional Enrichment



cytoplasmic translation

Without CellCycle | Without AreaShape | All Genes

Cluster

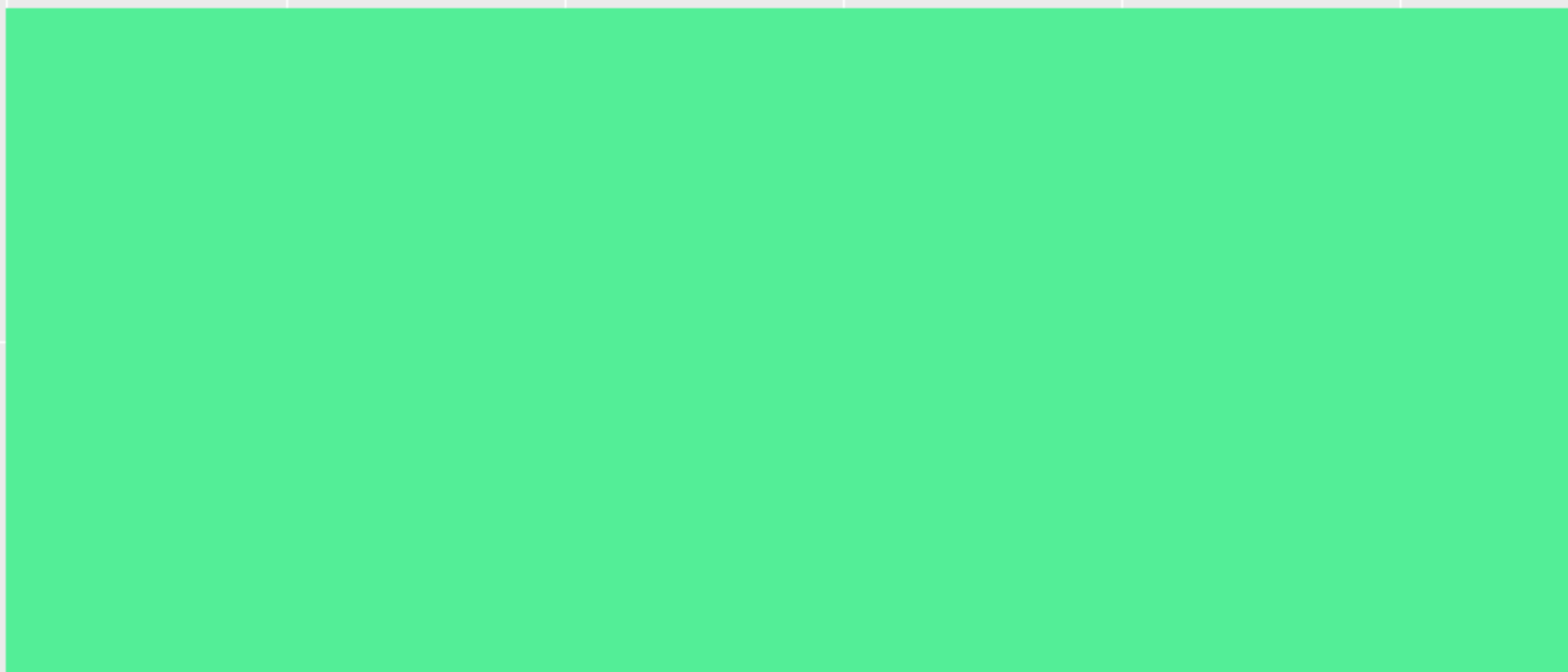
Cluster 37/42

0

1

2

Functional Enrichment



cytoplasmic translation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 30/42

0

1

2

Functional Enrichment



cytoplasmic translation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/24

0

1

2

Functional Enrichment



cytoskeleton organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

Cluster 42/42

Cluster 34/42

0

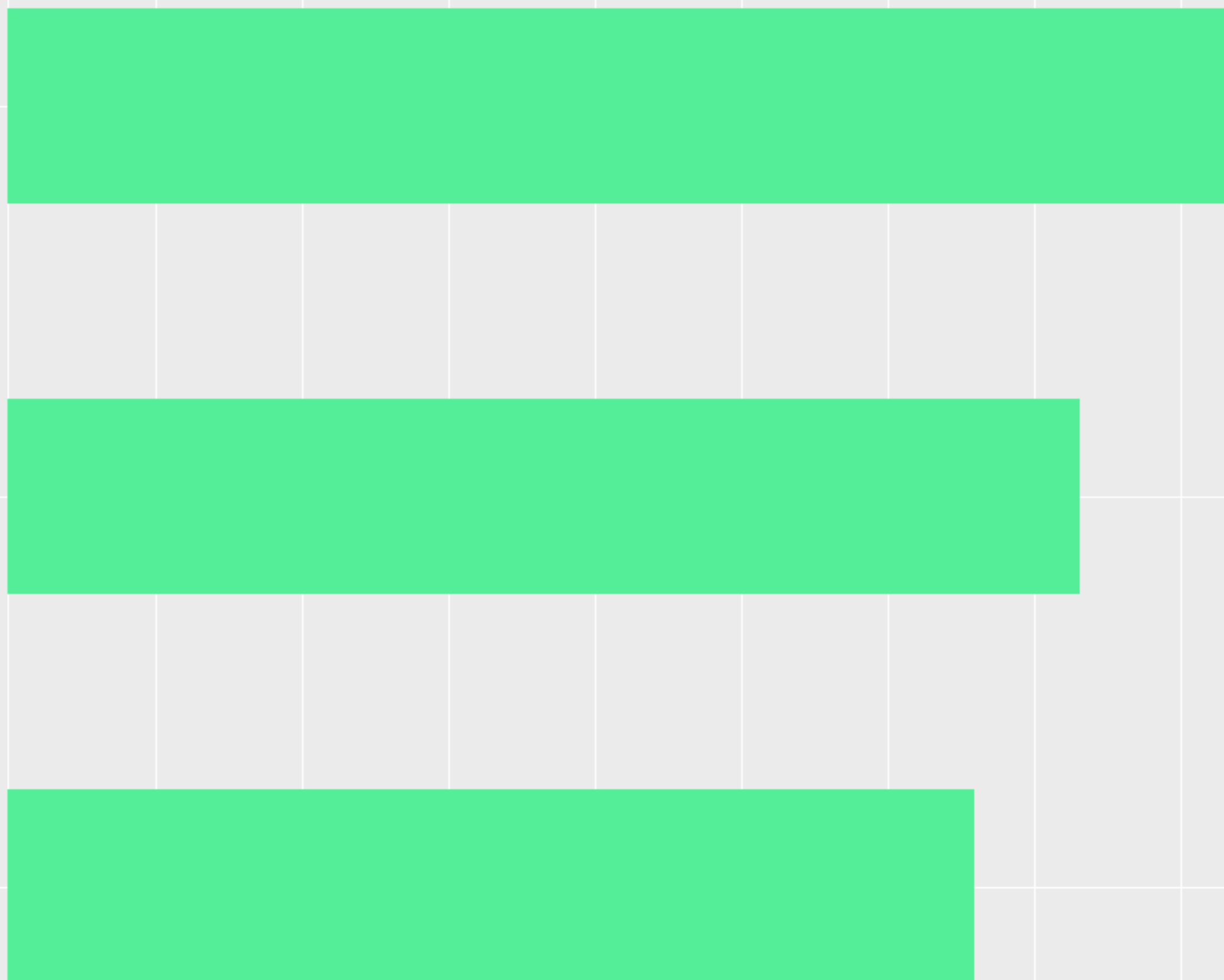
1

2

3

4

Functional Enrichment



cytoskeleton organization

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

3

4

Functional Enrichment



cytoskeleton organization

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

Cluster 35/42

Cluster 27/42

0

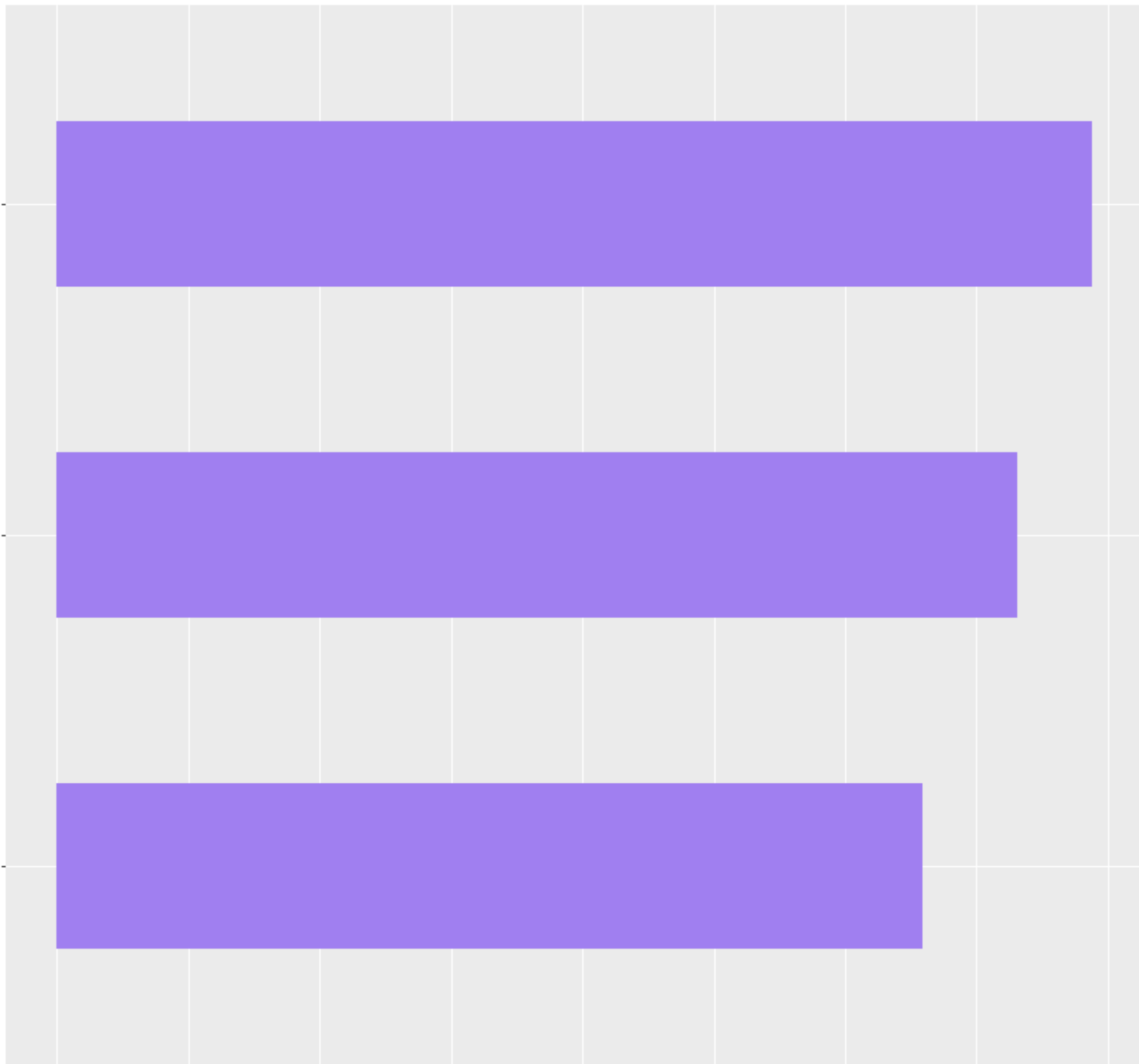
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2

3

4

Functional Enrichment



DNA recombination

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0.0

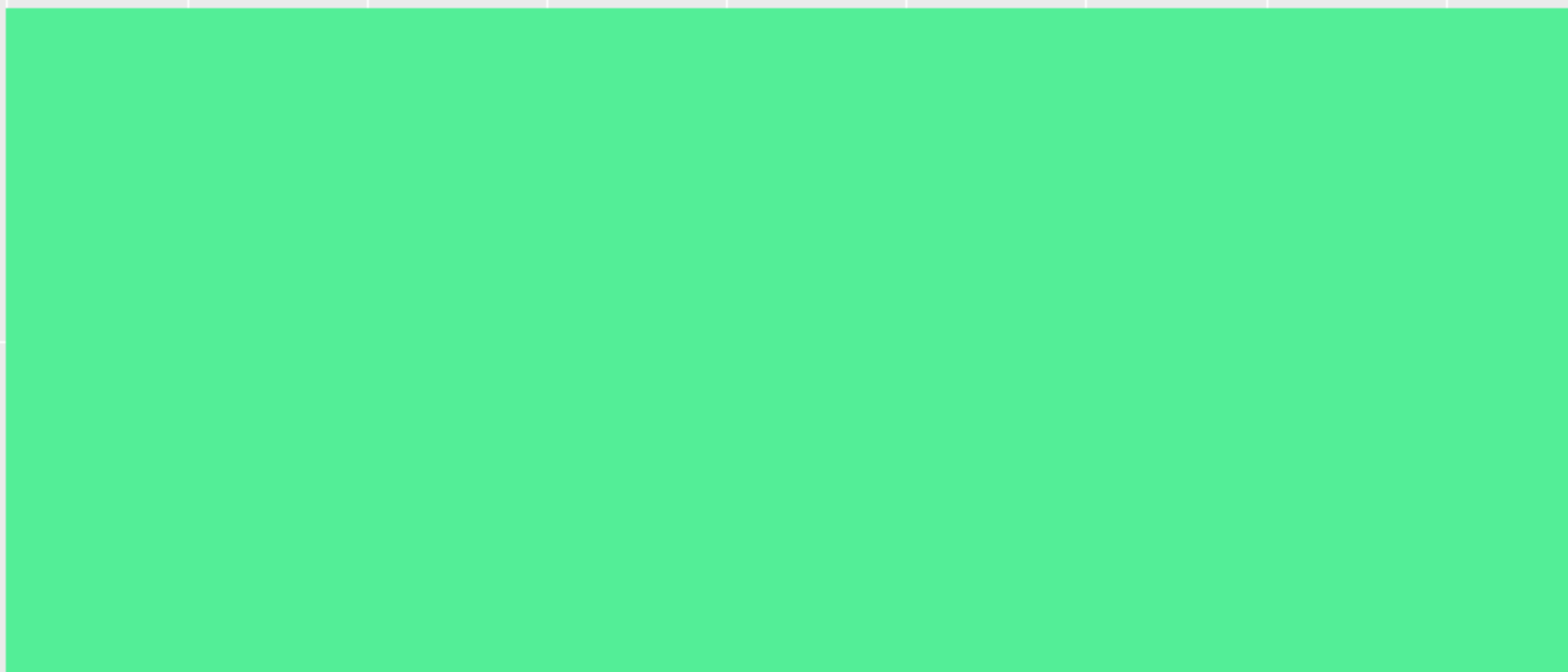
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1.0

1.5

2.0

Functional Enrichment



DNA recombination

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0.0

0.5

1.0

1.5

2.0

Functional Enrichment



DNA recombination

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0.0

0.5

1.0

1.5

2.0

Functional Enrichment



DNA repair

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 16/42

Cluster 42/42

Cluster 17/42

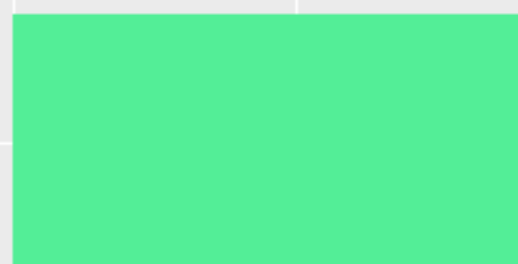
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3

6

9

Functional Enrichment



DNA repair

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 20/22

Cluster 10/22

Cluster 7/22

0

1

2

3

4

Functional Enrichment



DNA repair

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 19/42

Cluster 35/42

Cluster 17/42

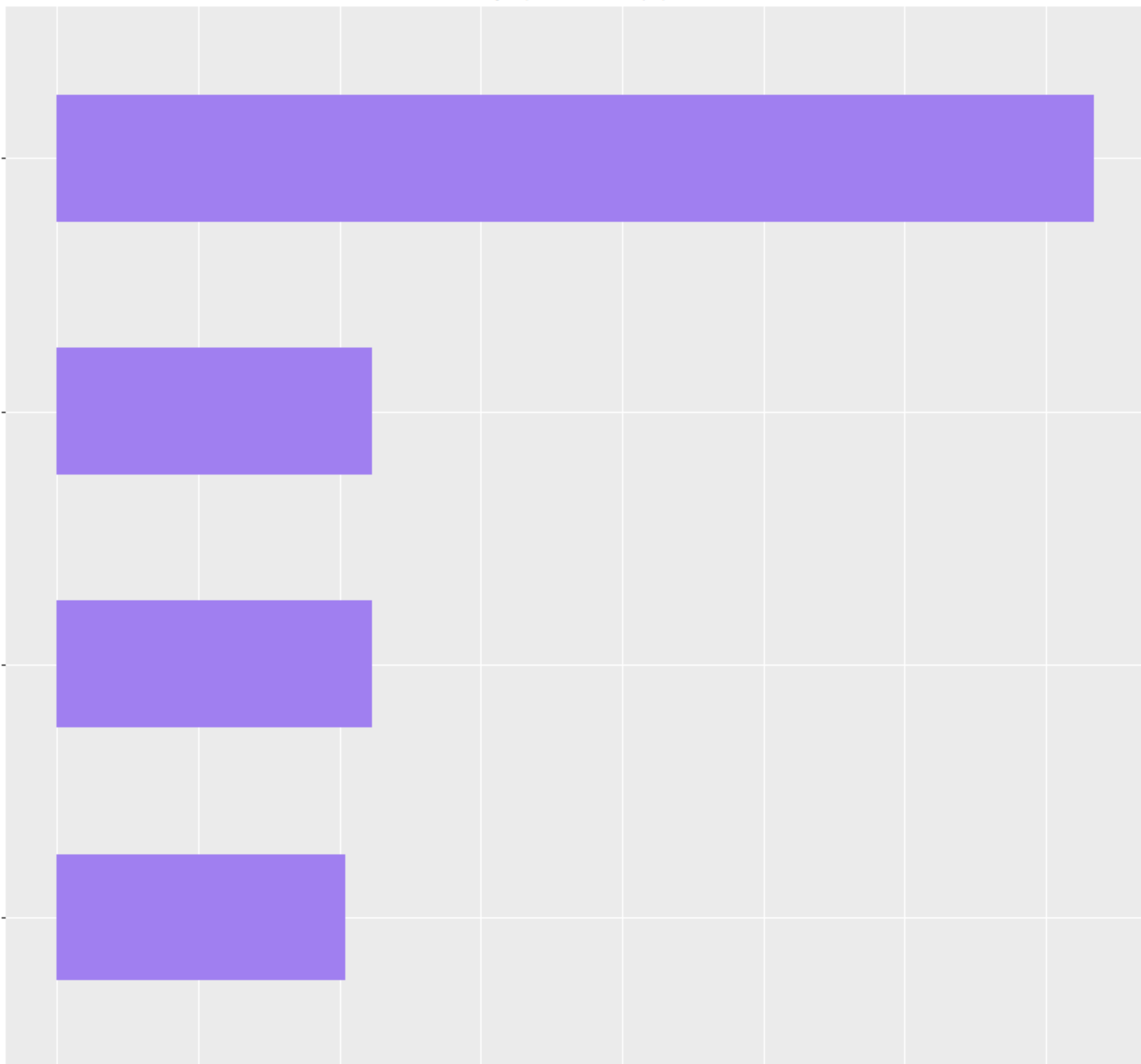
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3

6

9

Functional Enrichment



Without CellCycle | Without AreaShape | Nonessential Only

Without CellCycle | Without AreaShape | Nonessential Only

Cluster 12/24 -

9

Functional Enrichment

DNA replication

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 17/42

0

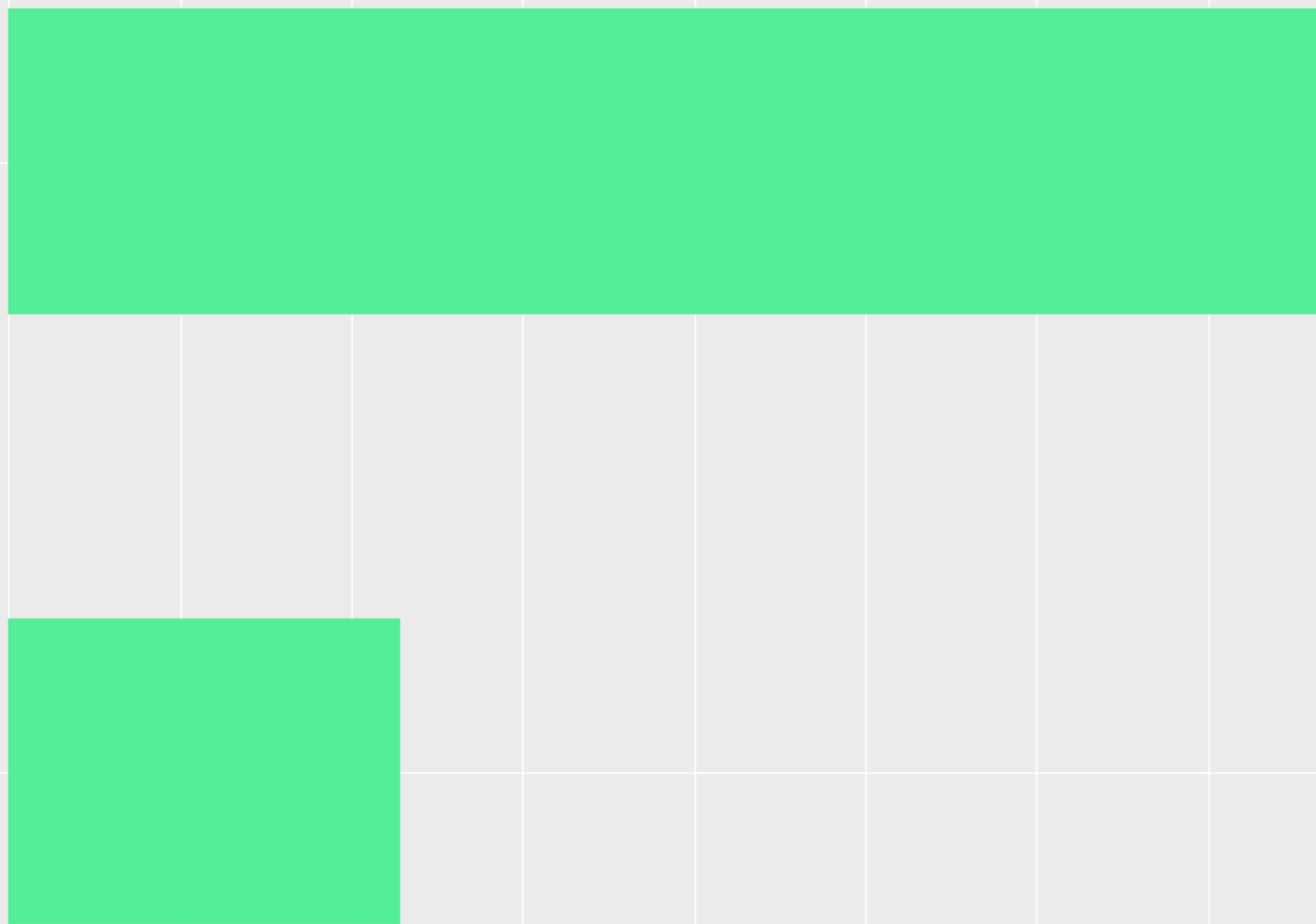
5

10

15

20

Functional Enrichment



DNA replication

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

2

4

Functional Enrichment



DNA replication

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 17/42

0

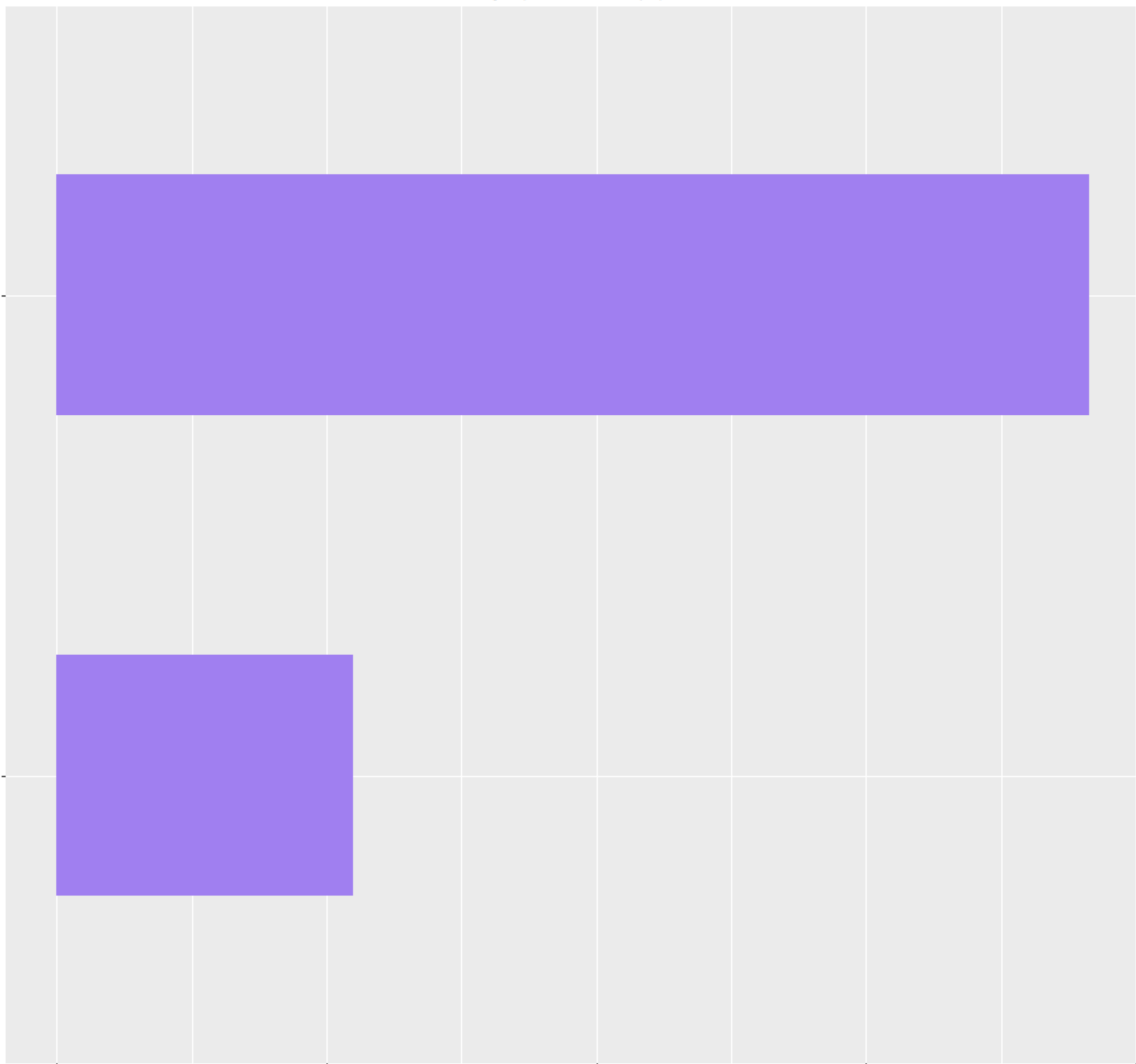
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10

15

20

Functional Enrichment



DNA replication

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

5

10

15

20

Functional Enrichment



DNA-templated transcription, elongation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 23/42

Cluster 16/42

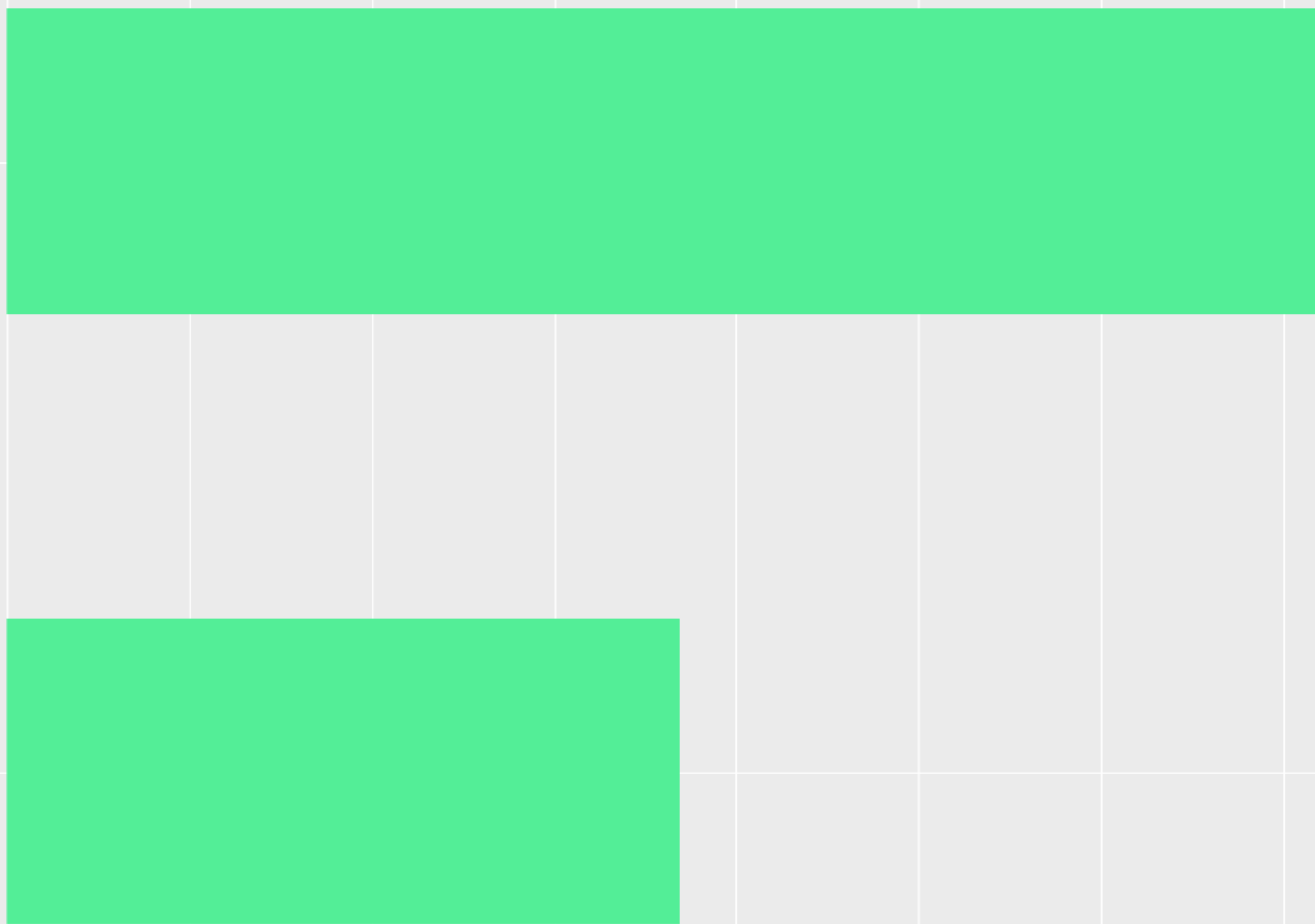
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3

6

9

Functional Enrichment



DNA-templated transcription, elongation

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

0

2

4

Functional Enrichment



DNA-templated transcription, elongation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

Cluster 19/42

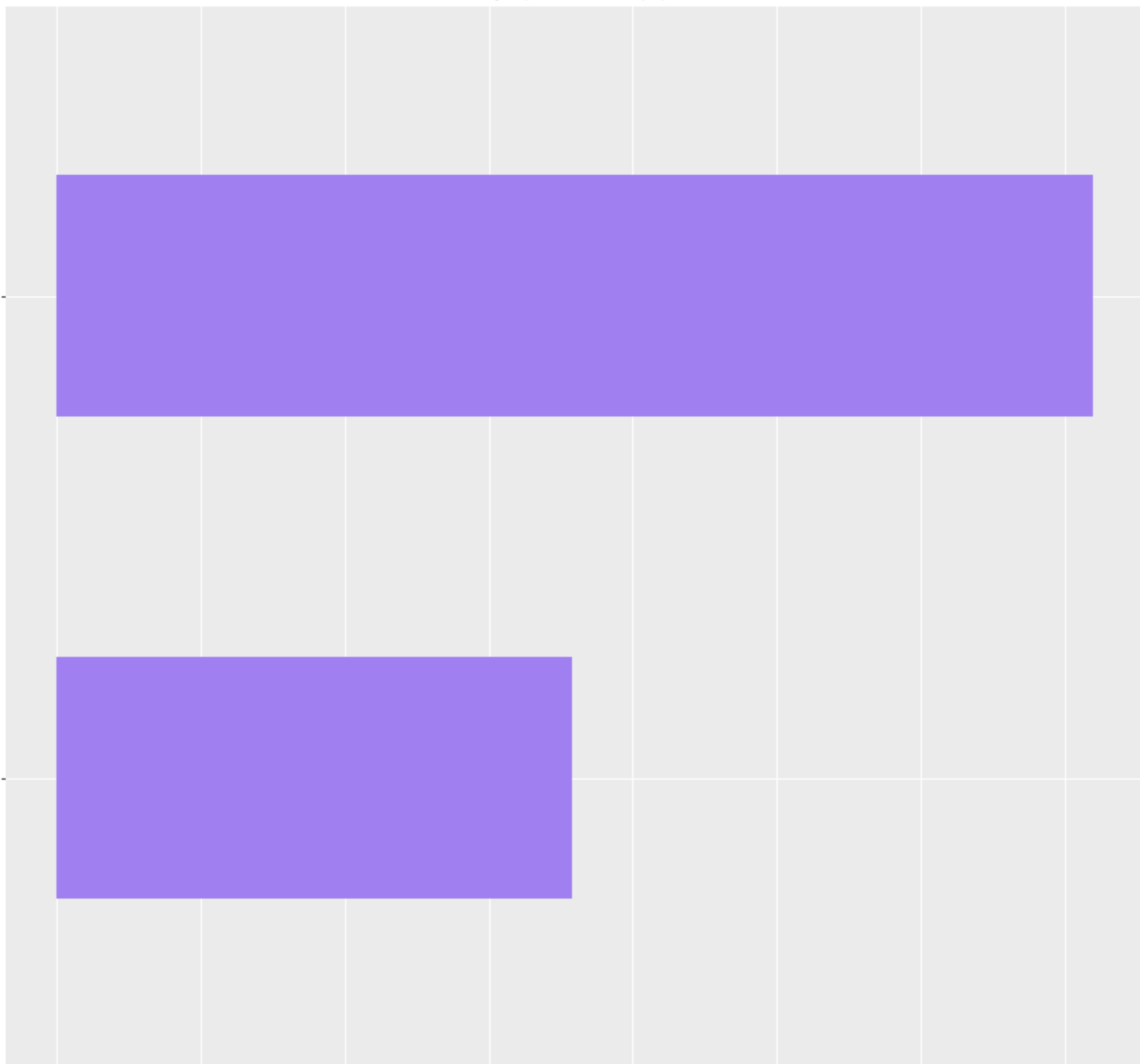
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3

6

9

Functional Enrichment



DNA-templated transcription, initiation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 23/42

Cluster 16/42

Cluster 17/42

0

5

10

15

Functional Enrichment



DNA-templated transcription, initiation

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

Cluster 7/22

0

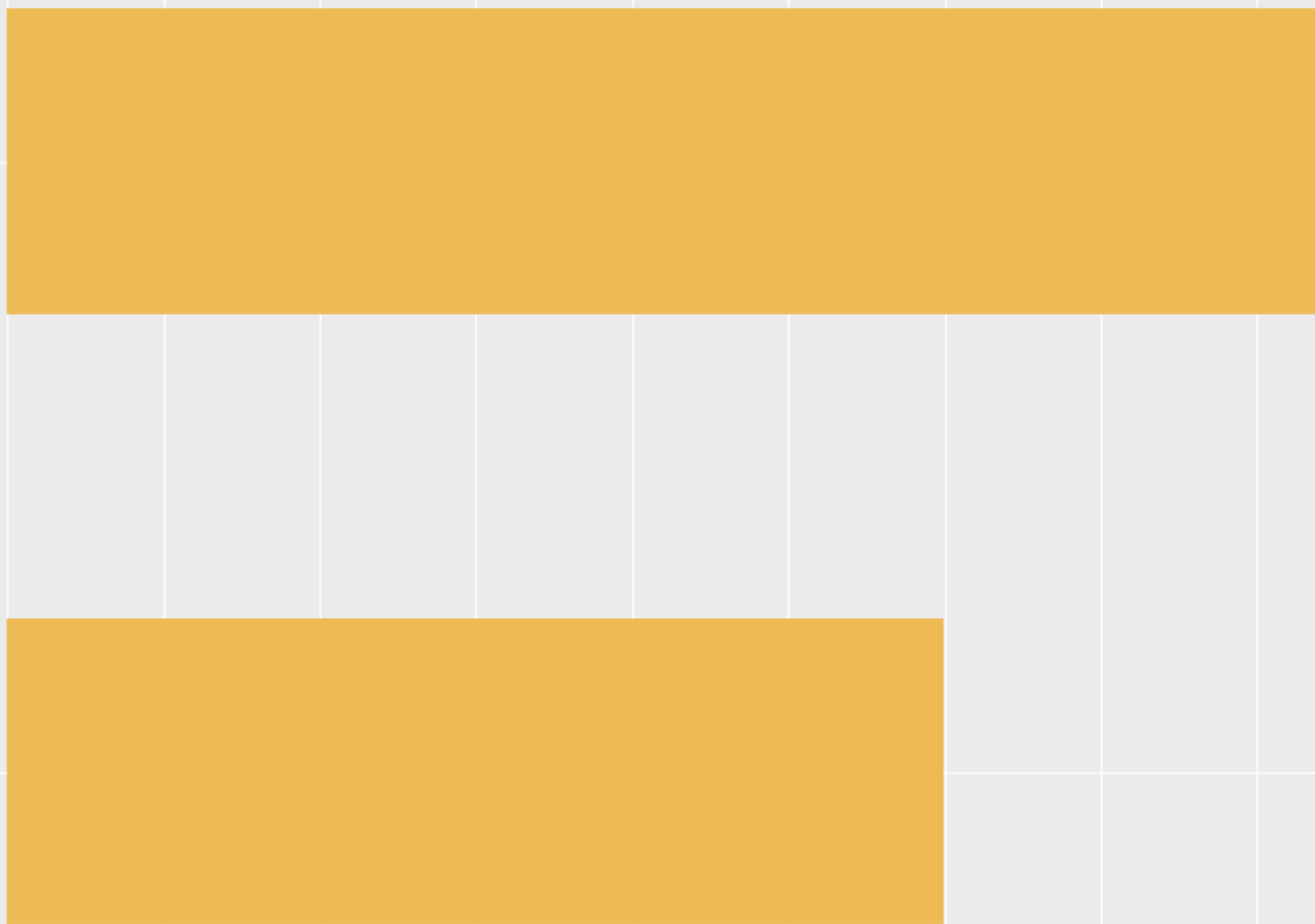
2

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8

Functional Enrichment



DNA-templated transcription, initiation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

Cluster 19/42

Cluster 17/42

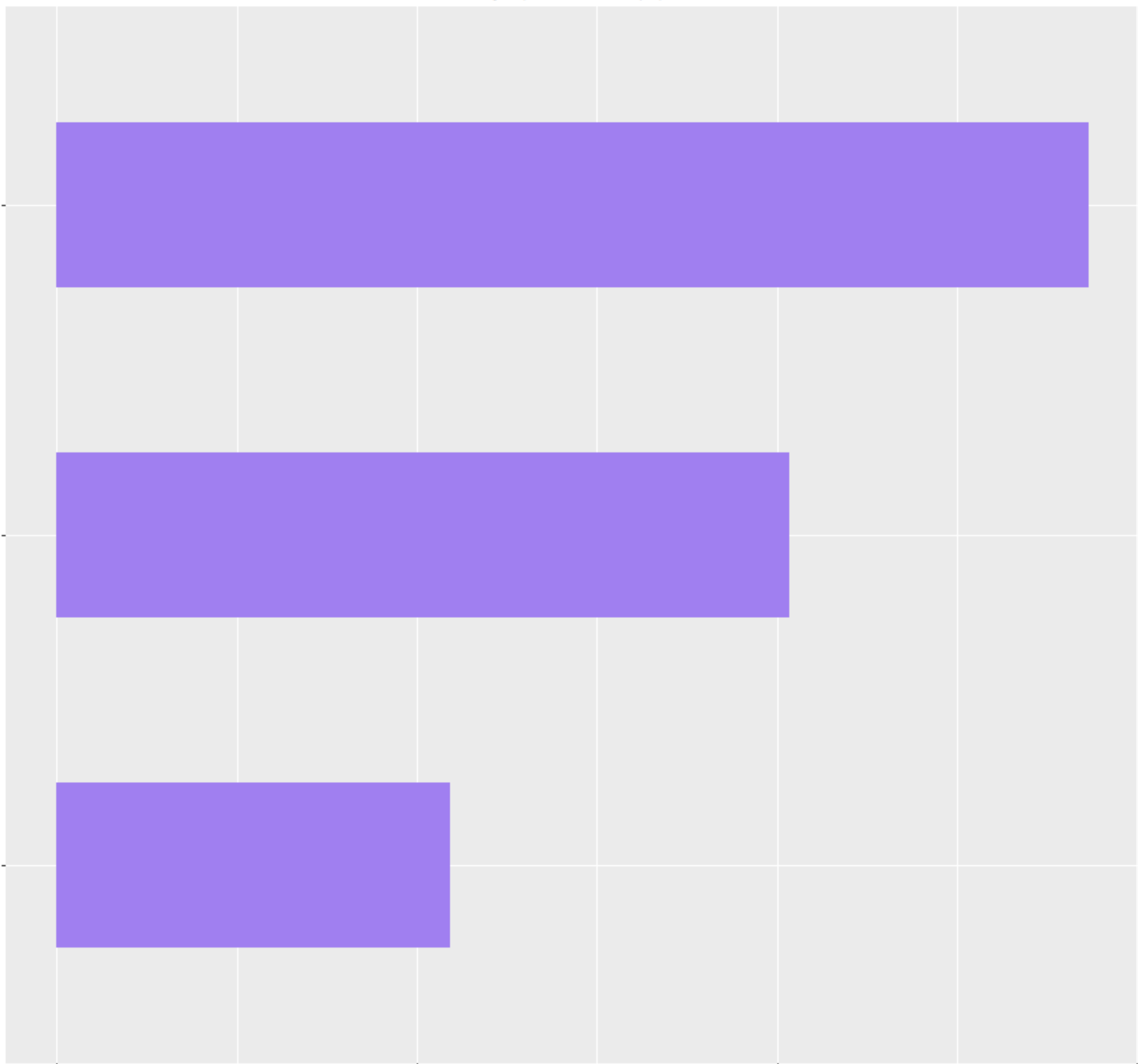
0

5

10

15

Functional Enrichment



DNA-templated transcription, termination

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 23/42

0

5

10

15

Functional Enrichment



DNA-templated transcription, termination

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

0

2

4

6

Functional Enrichment



DNA-templated transcription, termination

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

0

5

10

15

Functional Enrichment



endosomal transport

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 37/42

0

1

2

3

Functional Enrichment



endosomal transport

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 30/42

0

1

2

3

Functional Enrichment



endosomal transport

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/24

0

1

2

3

Functional Enrichment



exocytosis

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

0

5

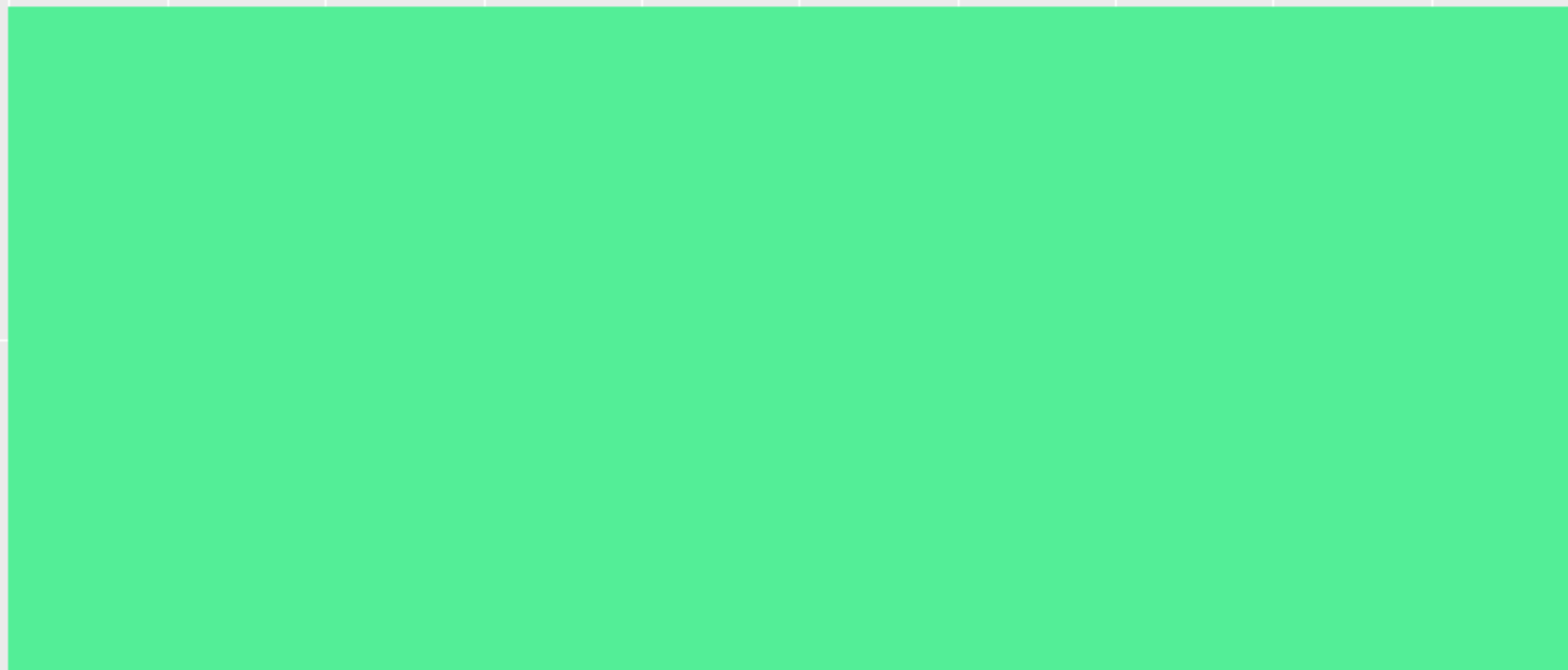
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15

20

25

Functional Enrichment



exocytosis

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

5

10

15

20

25

Functional Enrichment



generation of precursor metabolites and energy

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 2/42

0

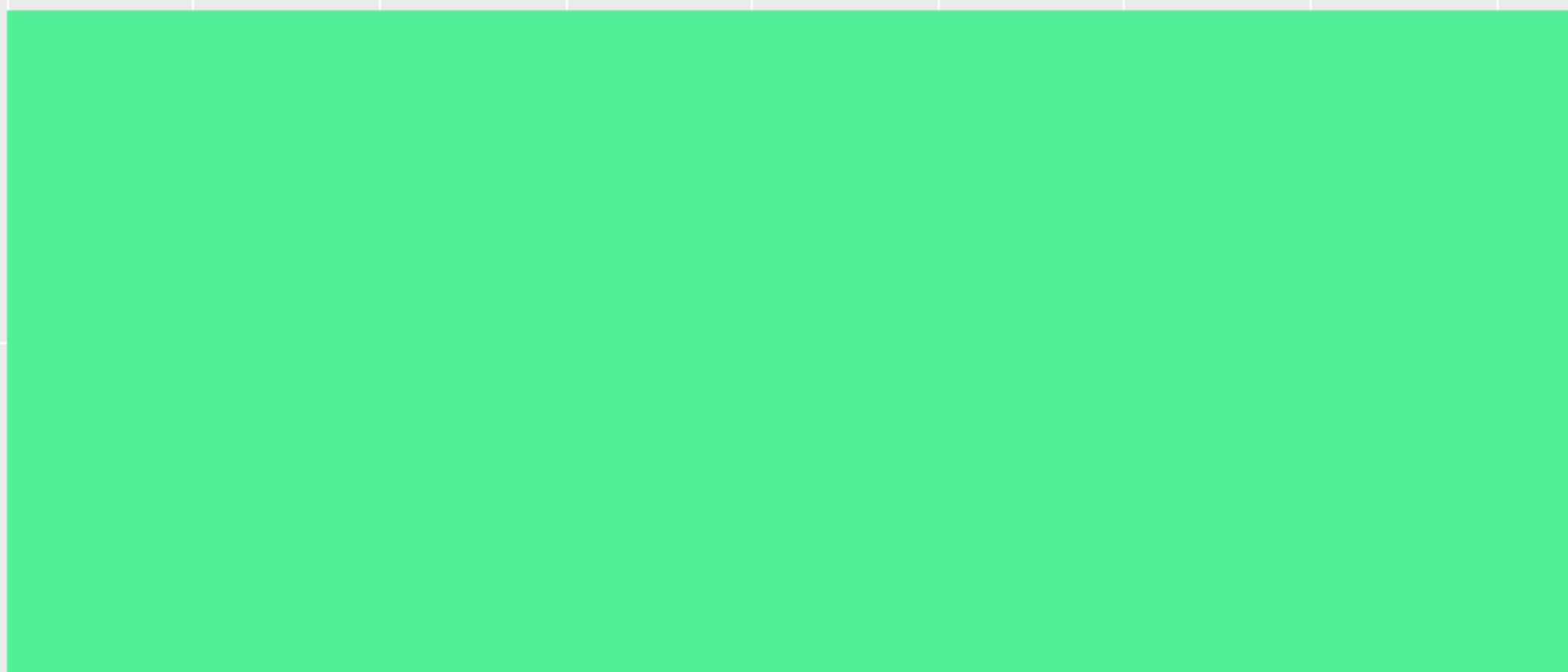
1

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4

Functional Enrichment



generation of precursor metabolites and energy

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 2/42

0

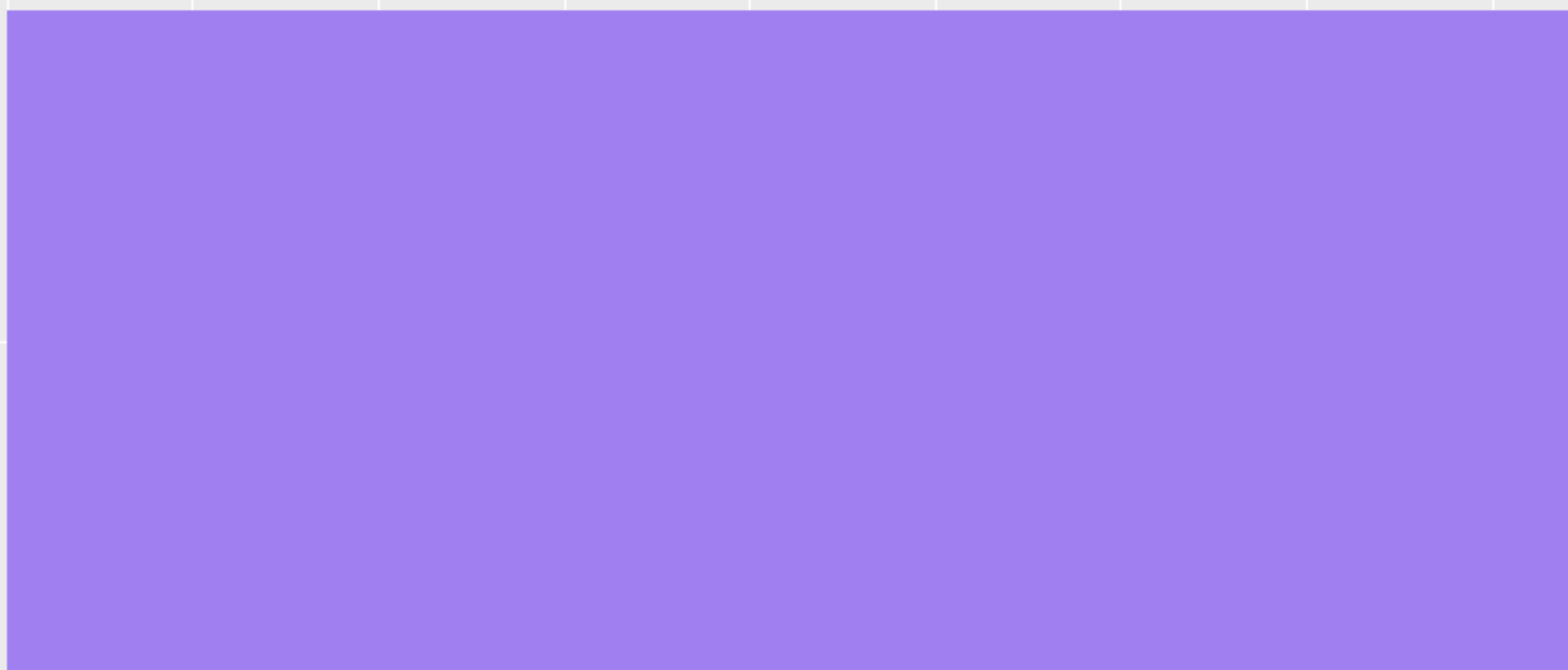
1

2

3

4

Functional Enrichment



generation of precursor metabolites and energy

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/24

0

2

4

Functional Enrichment



Golgi vesicle transport

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

0

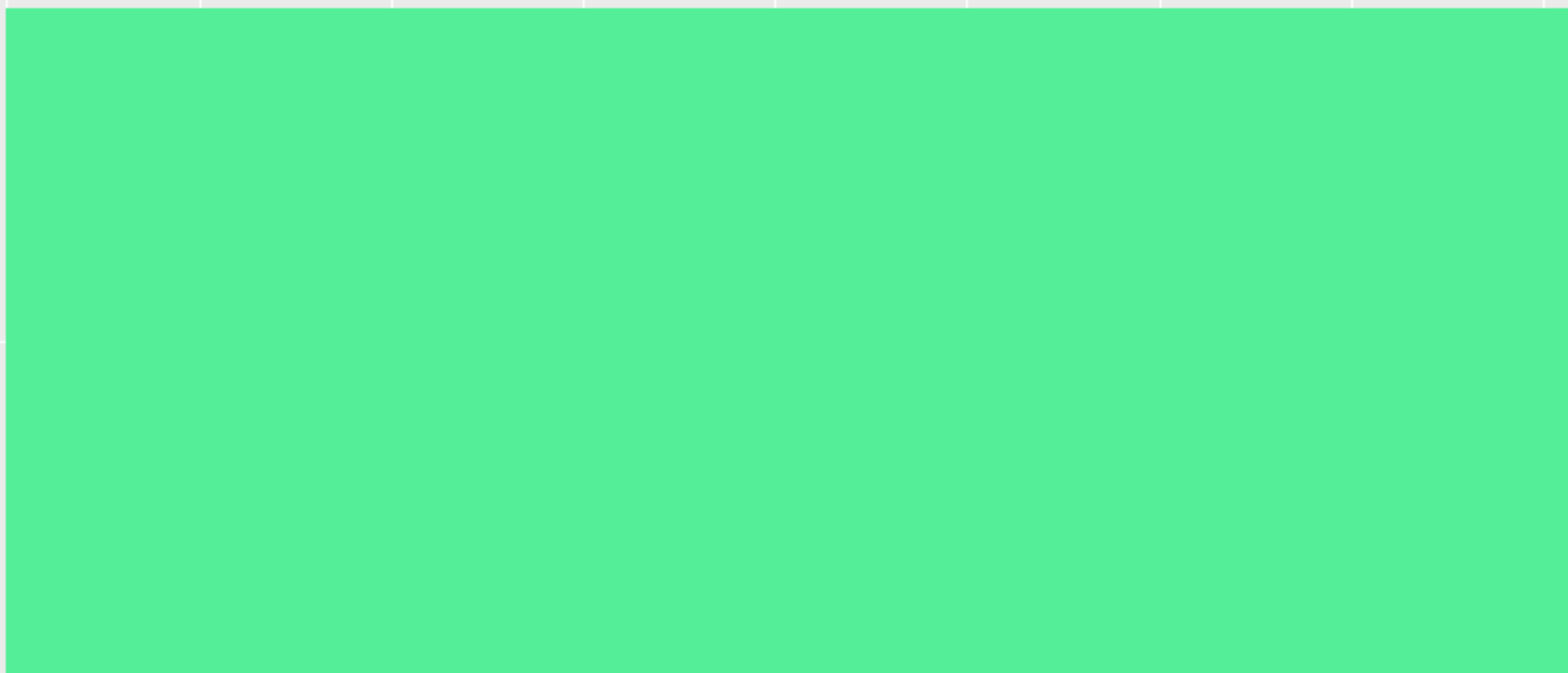
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10

15

20

Functional Enrichment



Golgi vesicle transport

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

5

10

15

20

Functional Enrichment



histone modification

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/42

0

1

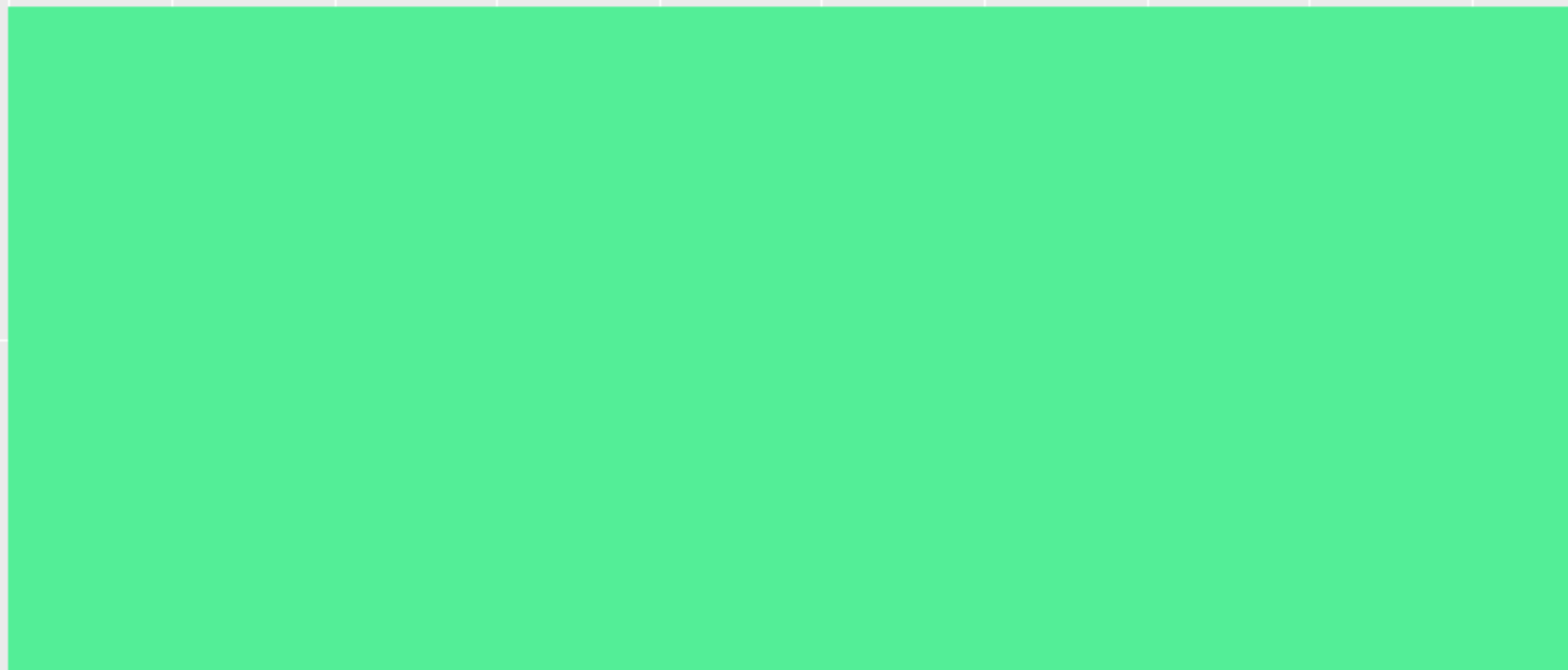
2

3

4

5

Functional Enrichment



histone modification

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 35/42

0

1

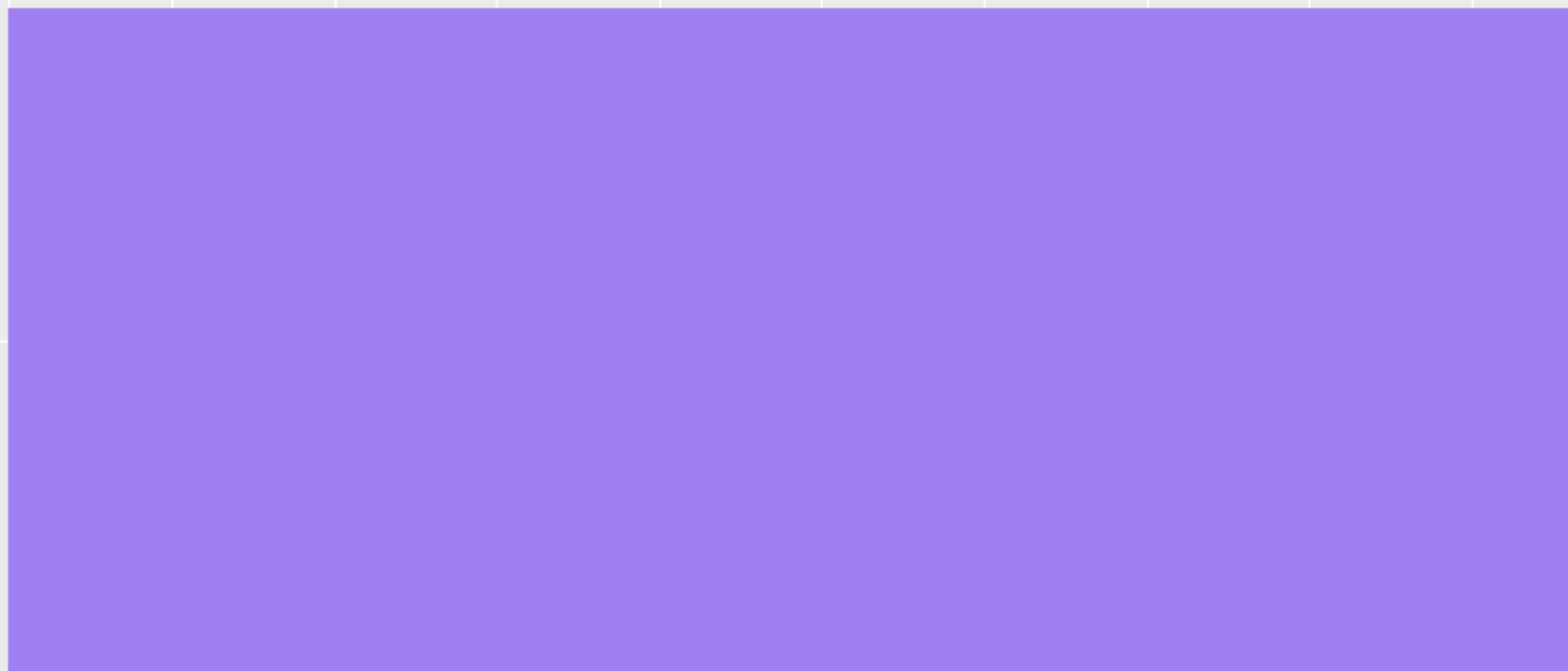
2

3

4

5

Functional Enrichment



histone modification

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 7/24

0

1

2

Functional Enrichment



invasive growth in response to glucose limitation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/42

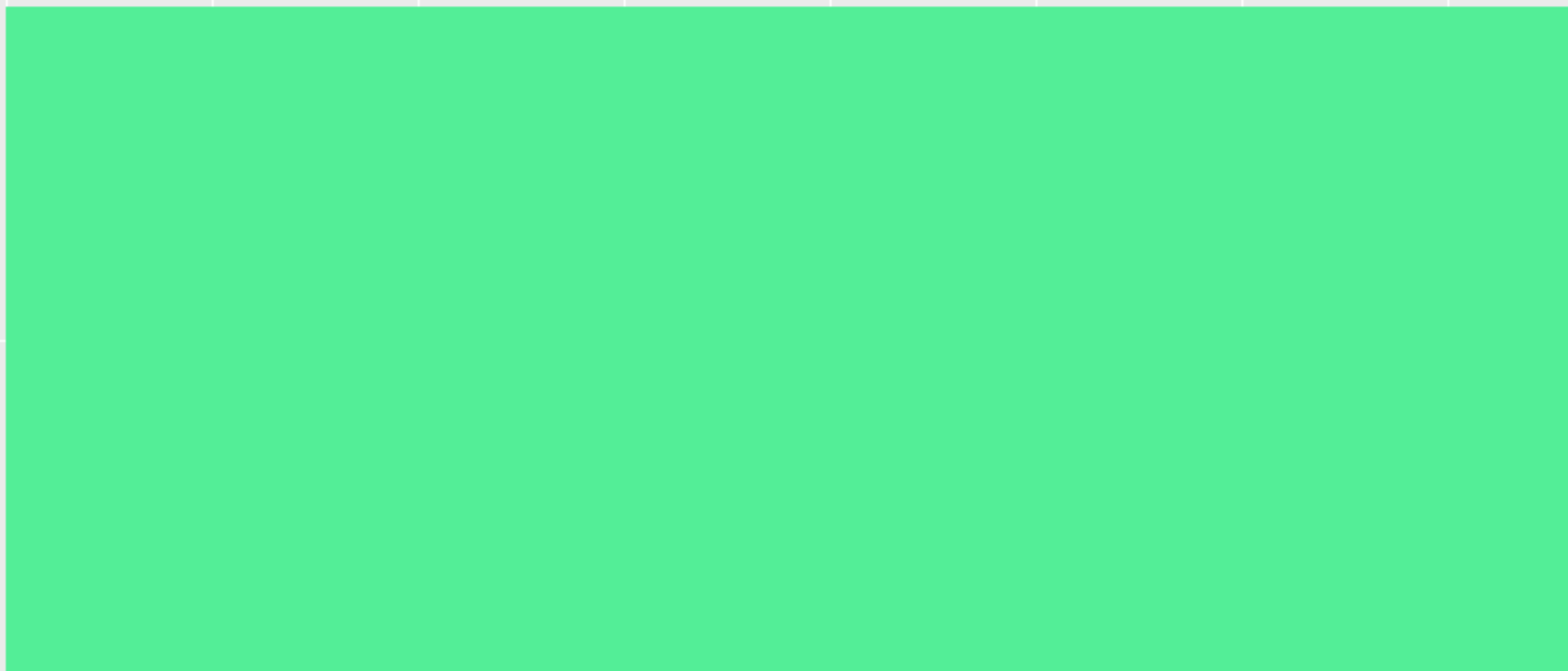
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7.5

Functional Enrichment



invasive growth in response to glucose limitation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 35/42

0.0

2.5

5.0

7.5

Functional Enrichment



lipid metabolic process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 18/42

0

1

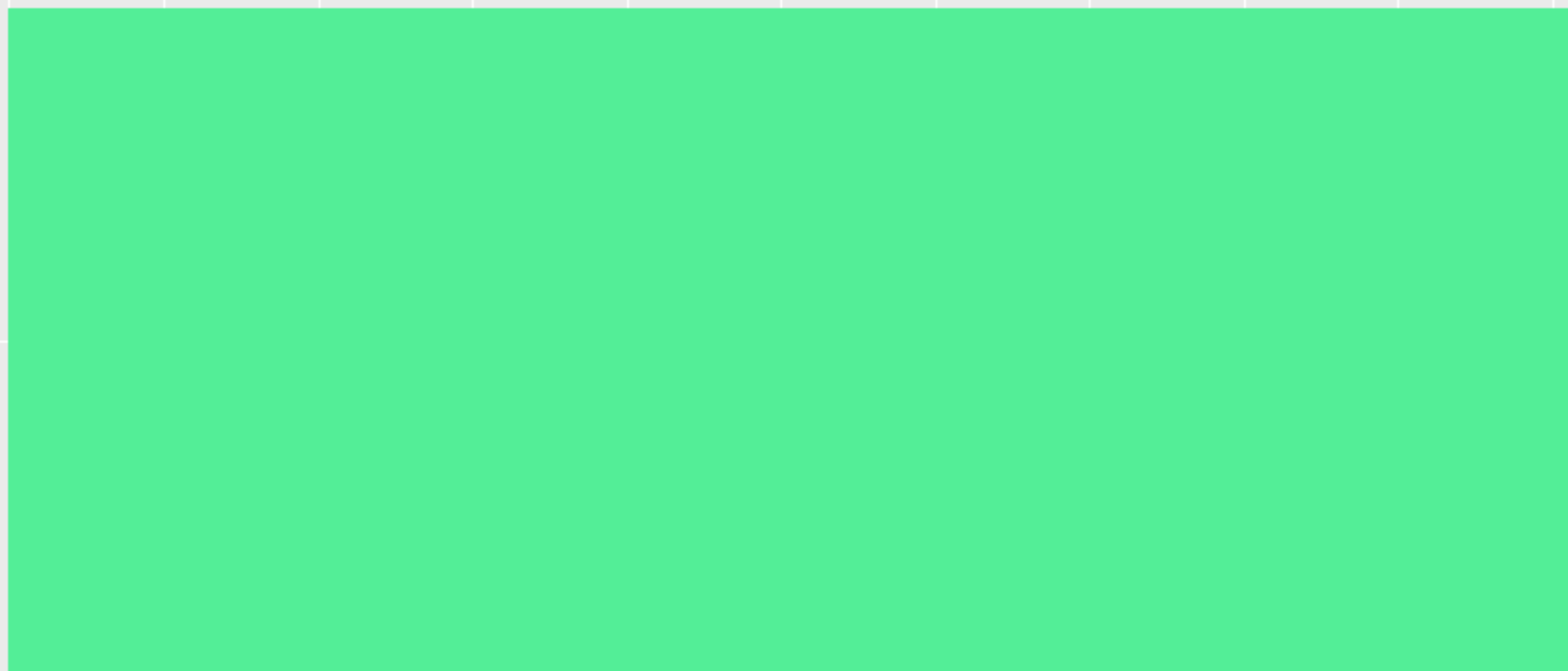
2

3

4

5

Functional Enrichment



lipid metabolic process

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 11/22

0

1

2

3

4

5

Functional Enrichment

lipid metabolic process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

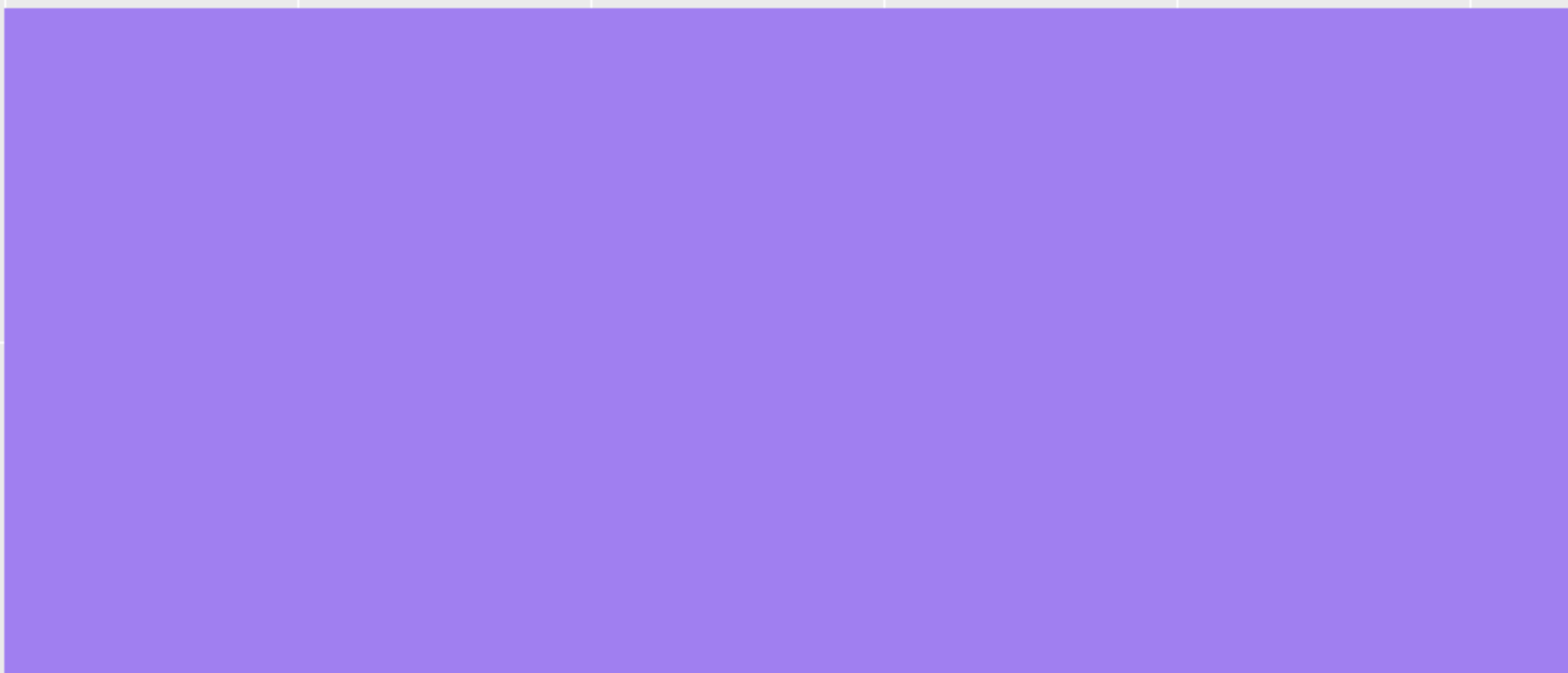
Cluster 16/42

0

2

4

Functional Enrichment



lipid metabolic process

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 20/24

0

1

2

3

Functional Enrichment



membrane fusion

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

0

5

10

15

Functional Enrichment



membrane fusion

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

5

10

15

Functional Enrichment



mitochondrial translation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 23/42

Cluster 2/42

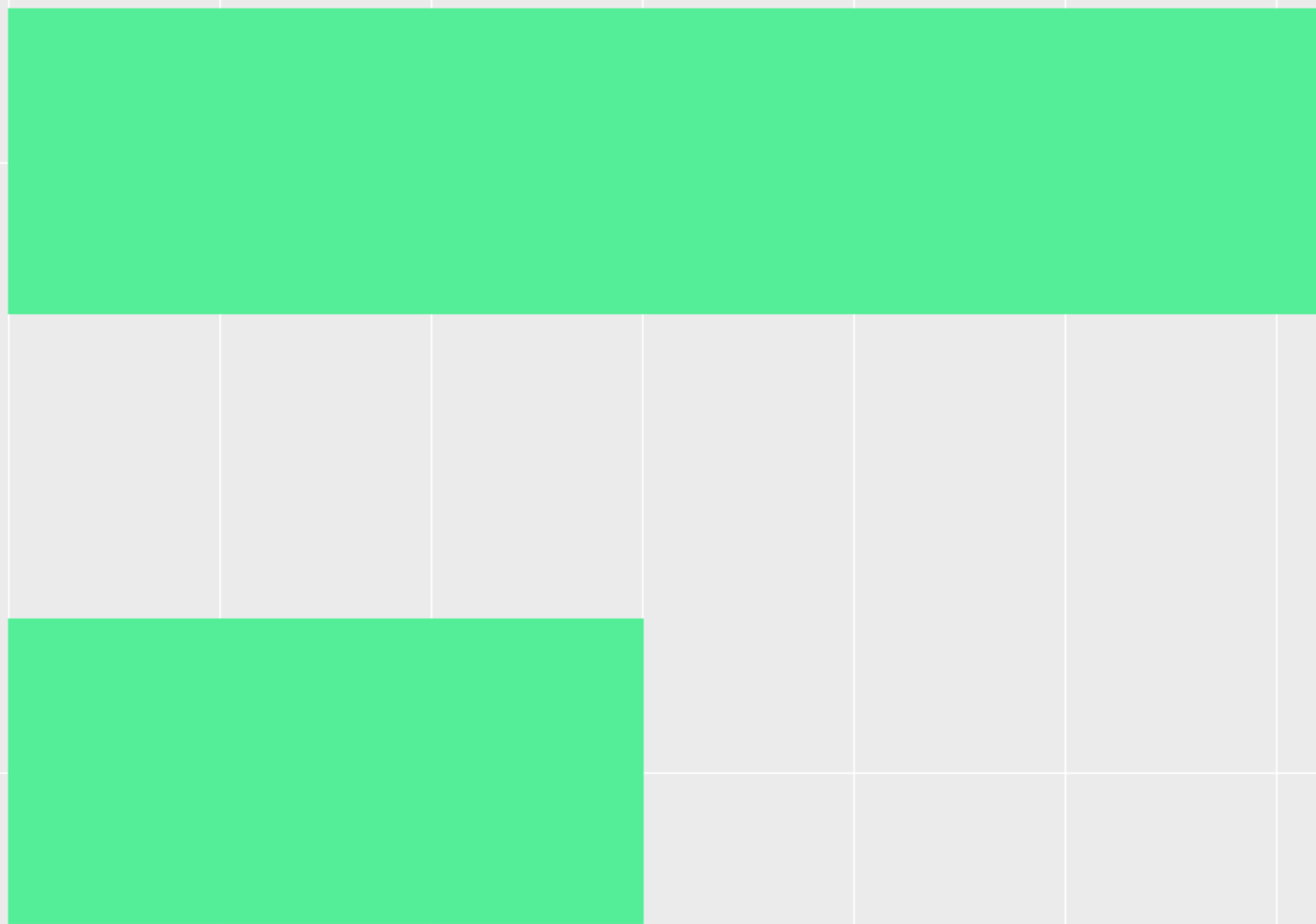
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5

10

15

Functional Enrichment



mitochondrial translation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

Cluster 2/42

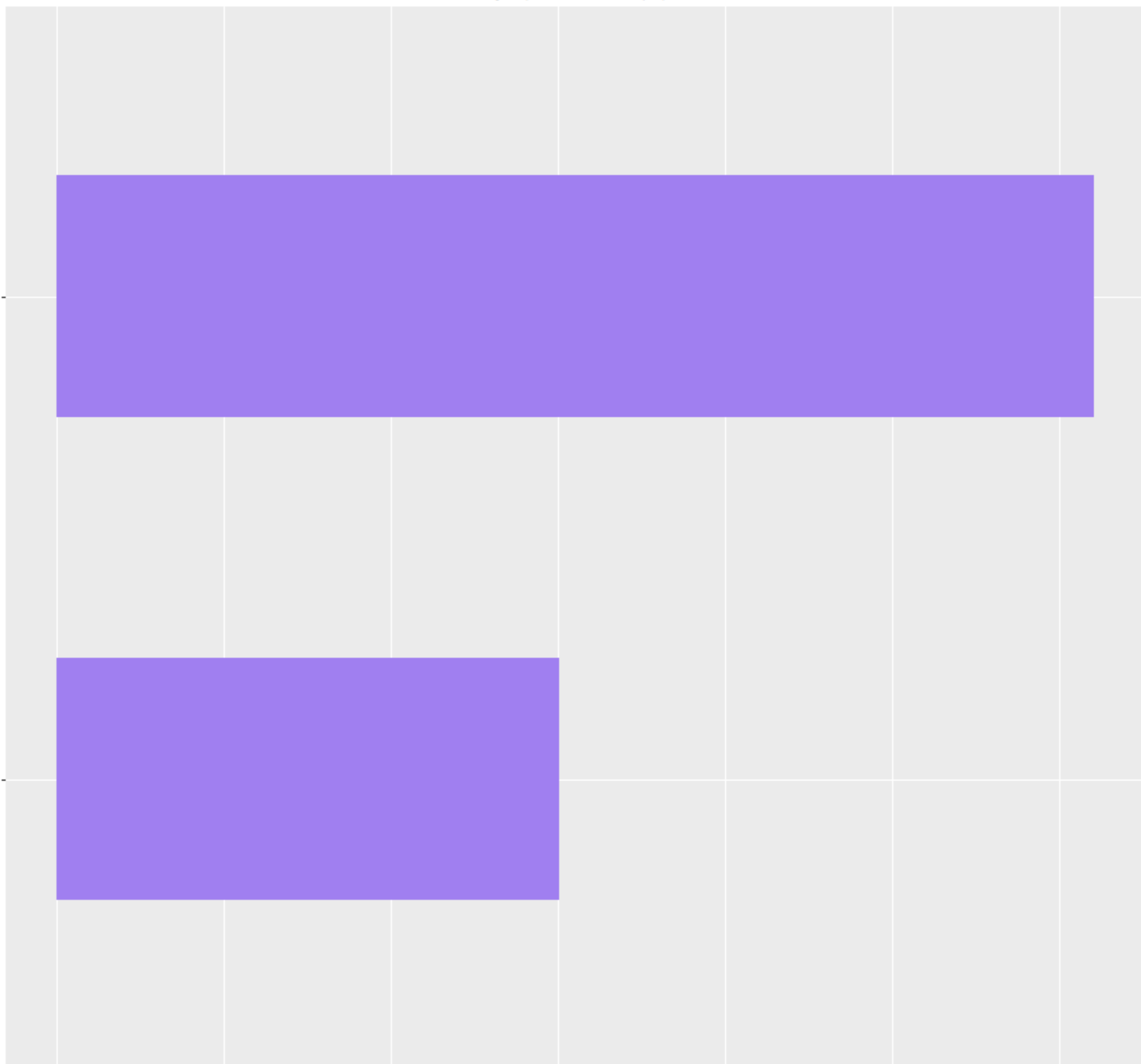
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5

10

15

Functional Enrichment



mitochondrial translation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/24

0.0

2.5

5.0

7.5

10.0

Functional Enrichment



mitochondrion organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 2/42

0

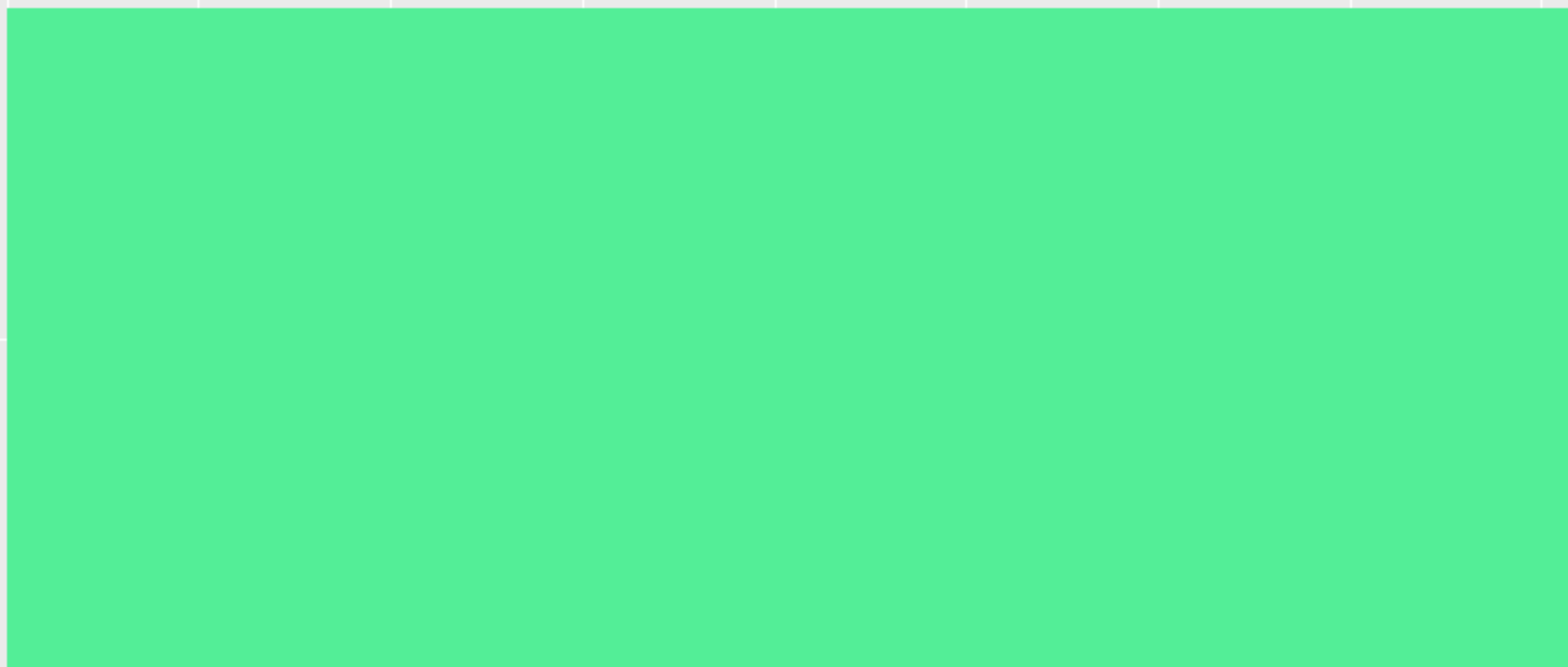
1

2

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4

Functional Enrichment



mitochondrion organization

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 2/42

0

1

2

3

4

Functional Enrichment



mitochondrion organization

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/24

0

1

2

3

4

Functional Enrichment



mitotic cell cycle

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 17/42

Cluster 41/42

0

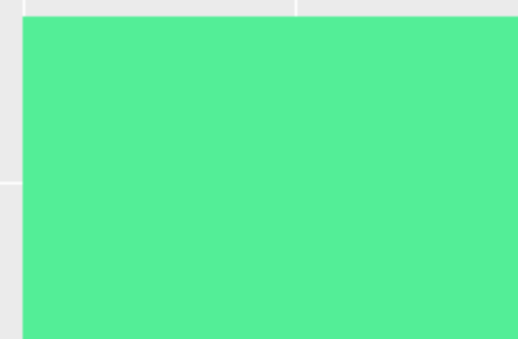
3

6

9

12

Functional Enrichment



mitotic cell cycle

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 2/22

Cluster 7/22

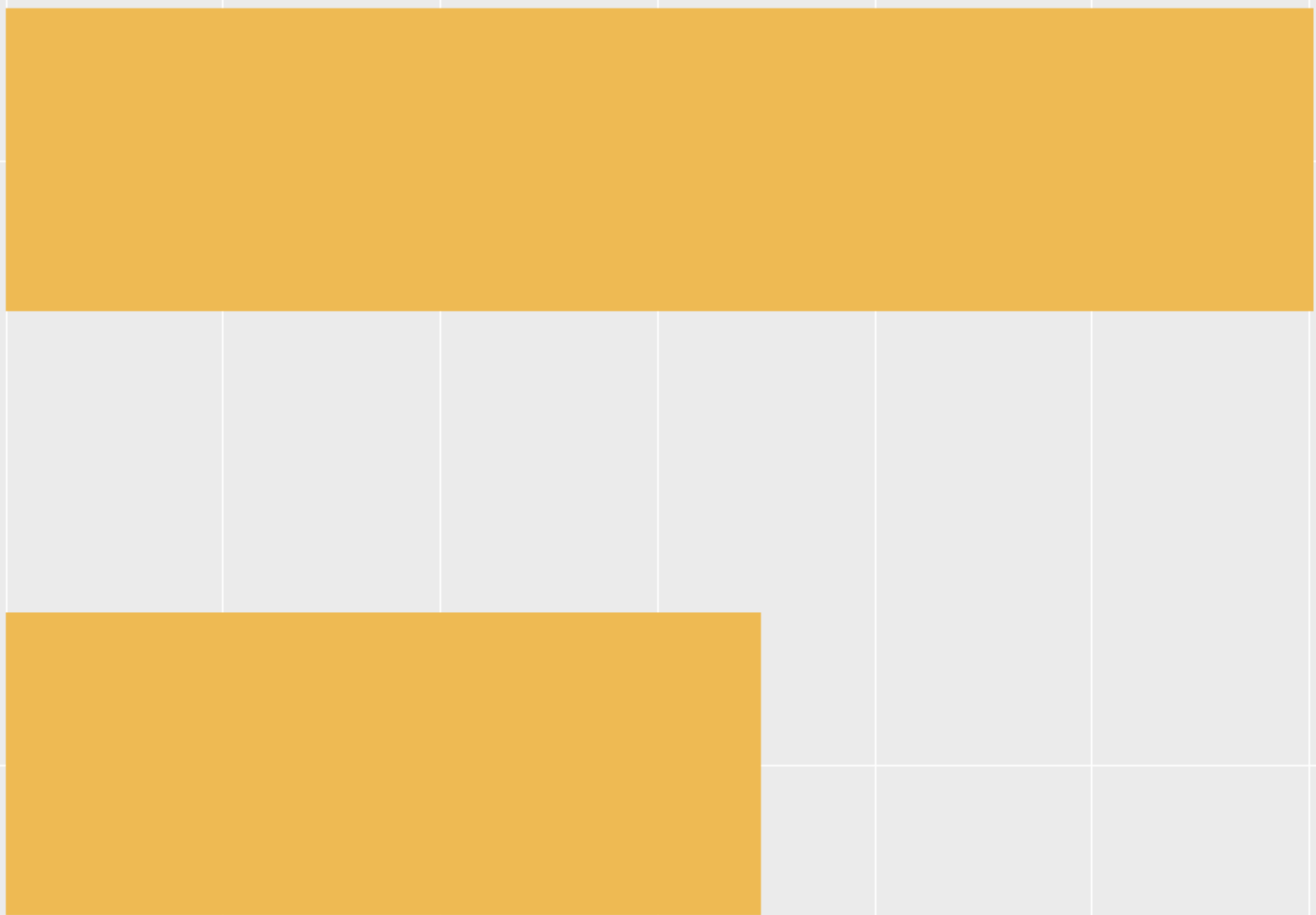
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2

4

6

Functional Enrichment



mitotic cell cycle

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 17/42

Cluster 34/42

0

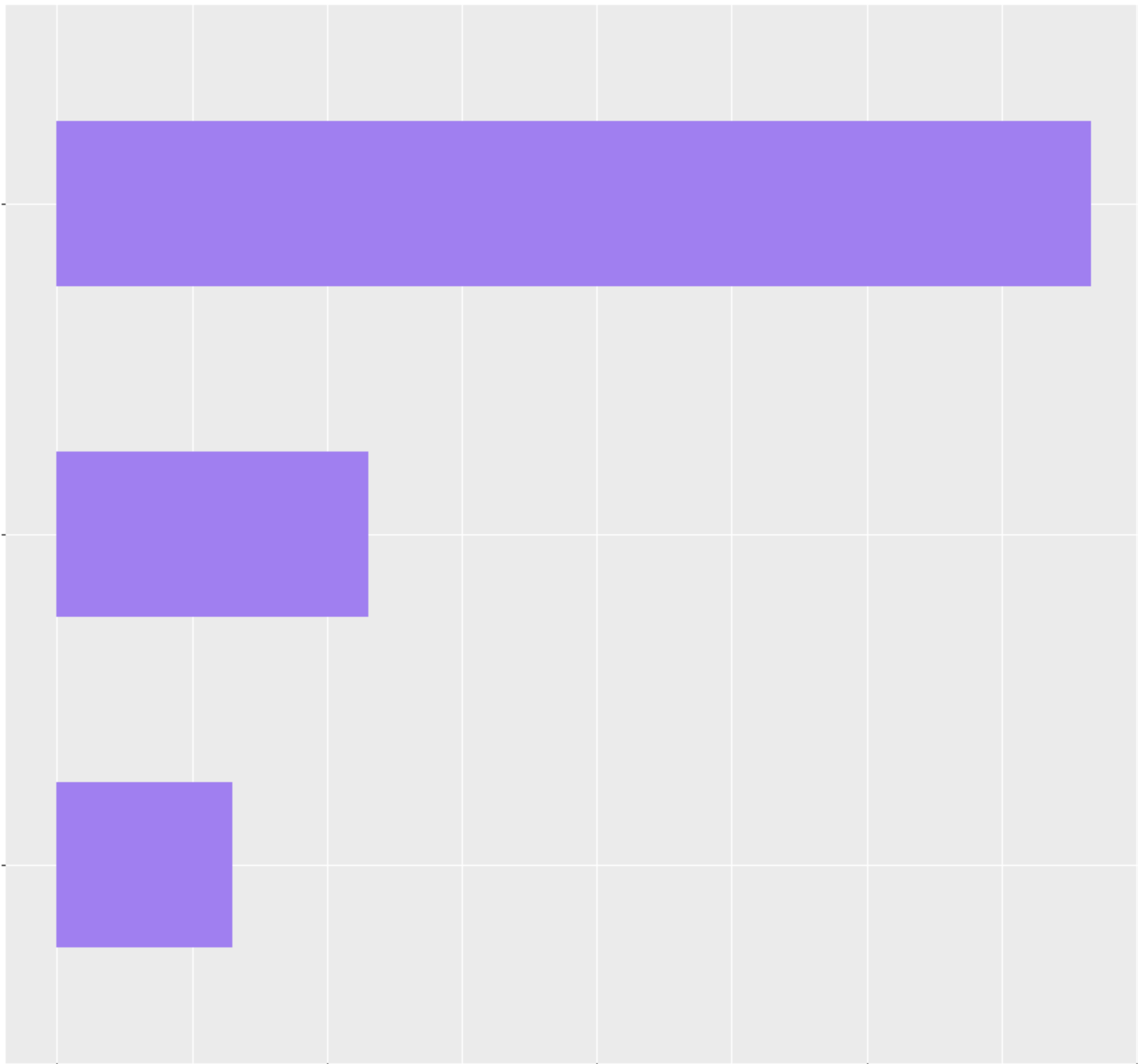
3

6

9

12

Functional Enrichment



mitotic cell cycle

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

Cluster 22/24

0

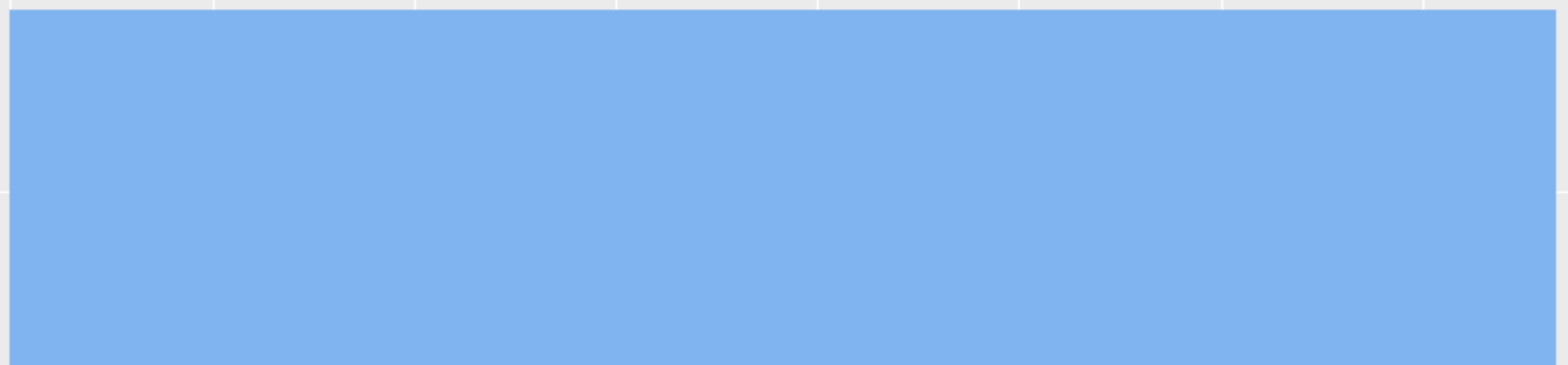
3

6

9

12

Functional Enrichment



mRNA processing

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 18/42

Cluster 17/42

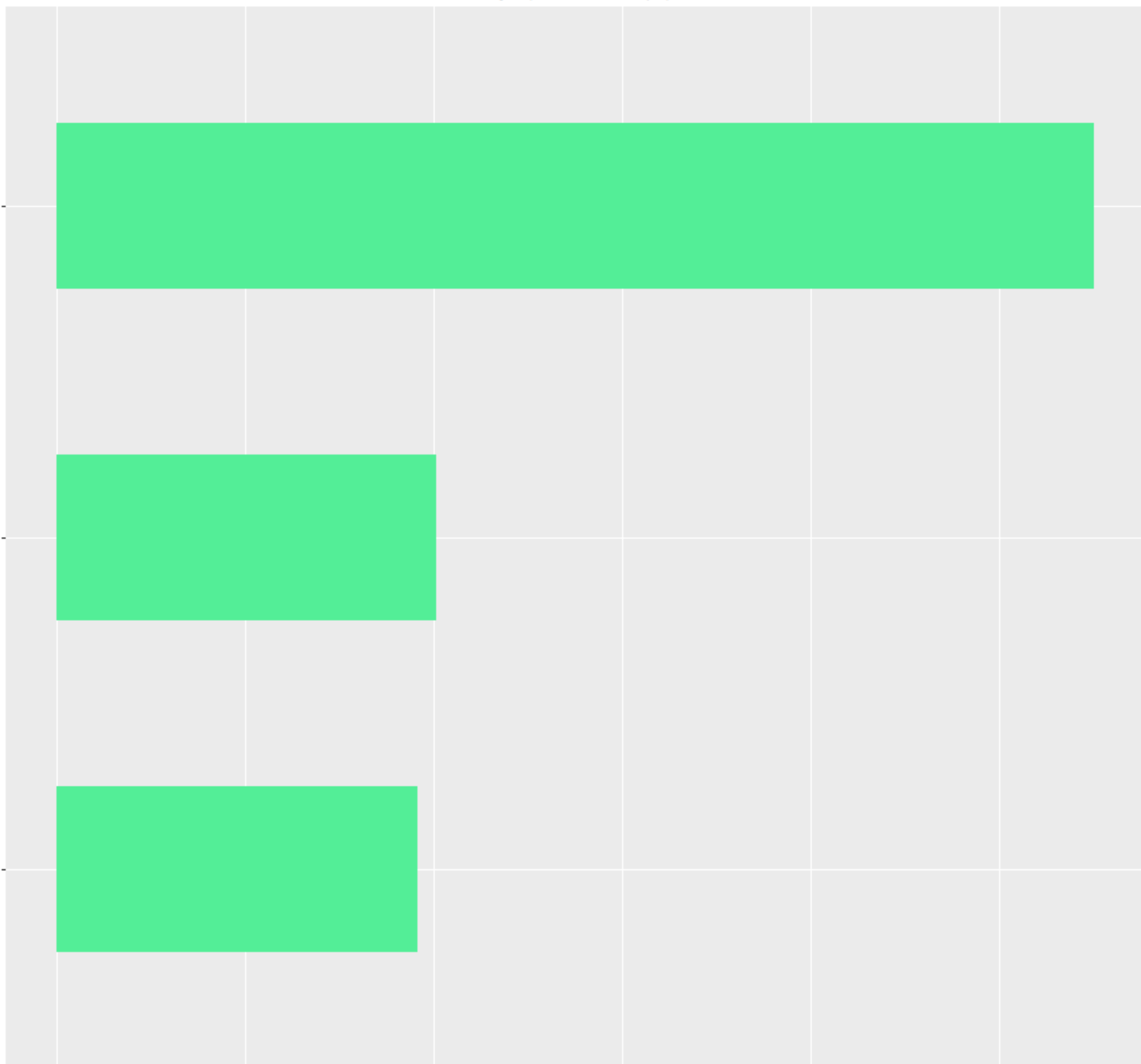
Cluster 16/42

0

5

10

Functional Enrichment



mRNA processing

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 11/22

Cluster 14/22

Cluster 10/22

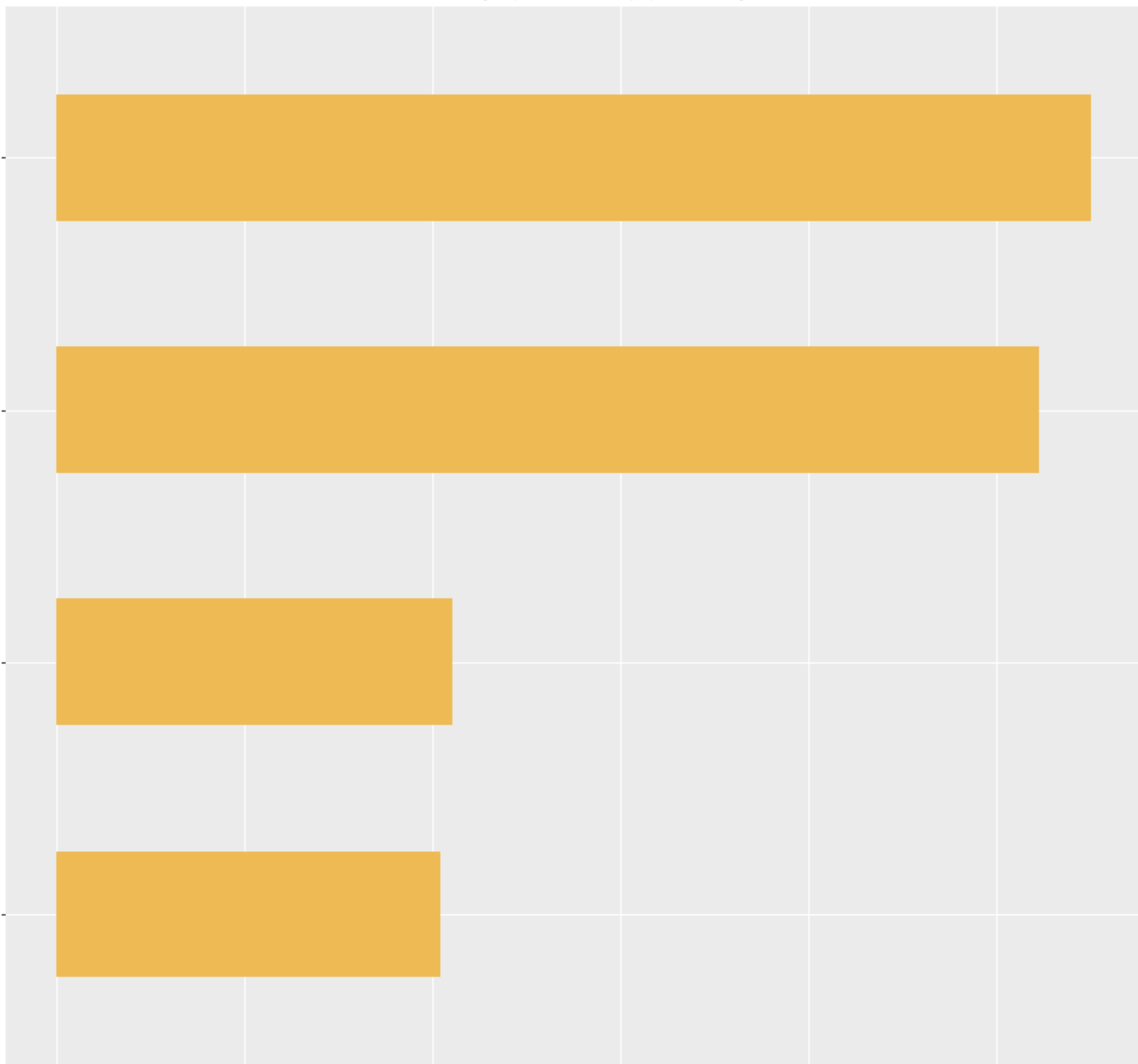
Cluster 7/22

0

5

10

Functional Enrichment



mRNA processing

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 16/42

Cluster 17/42

Cluster 19/42

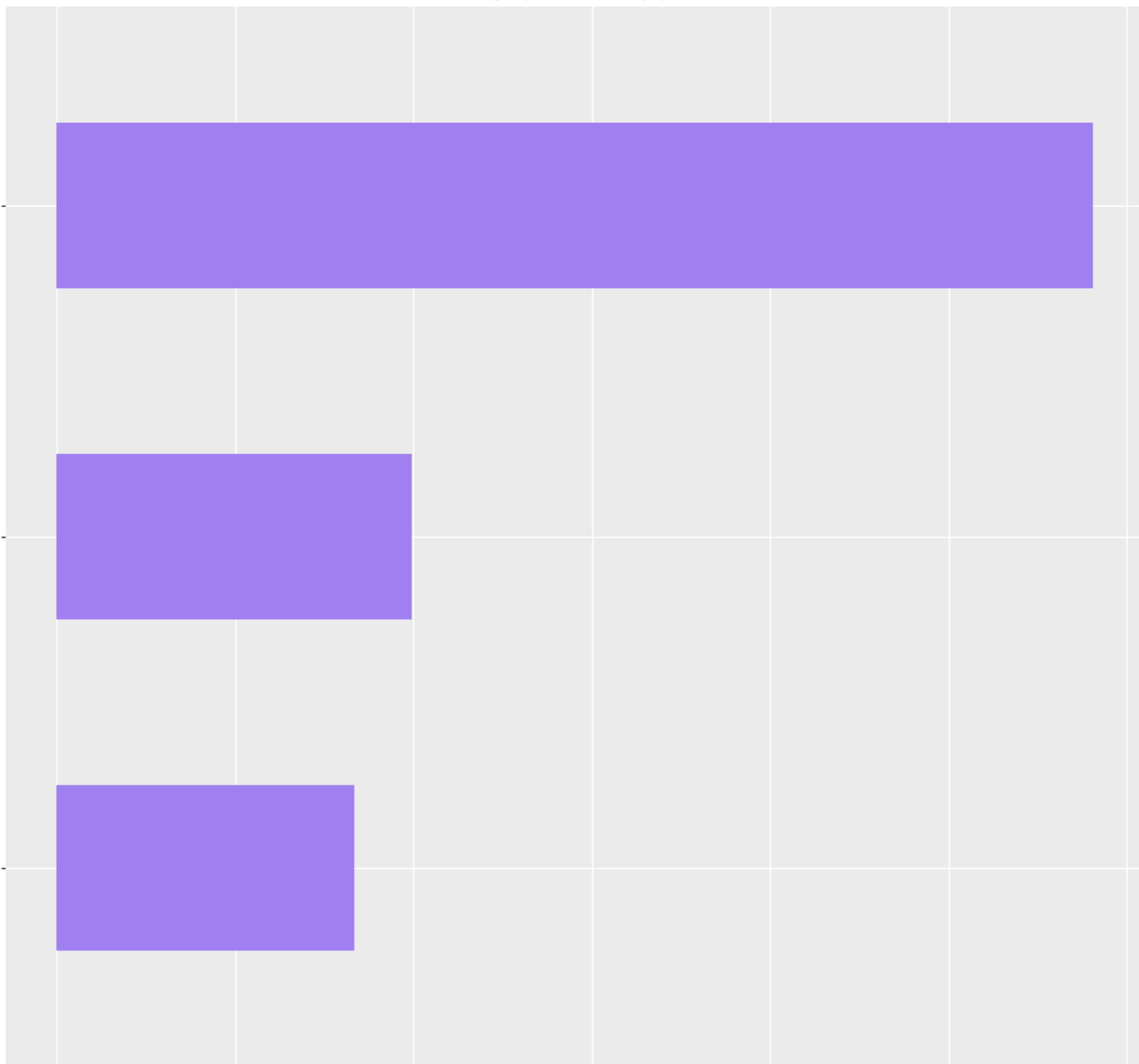
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5

10

15

Functional Enrichment



nuclear transport

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/42

Cluster 21/42

Cluster 17/42

0

1

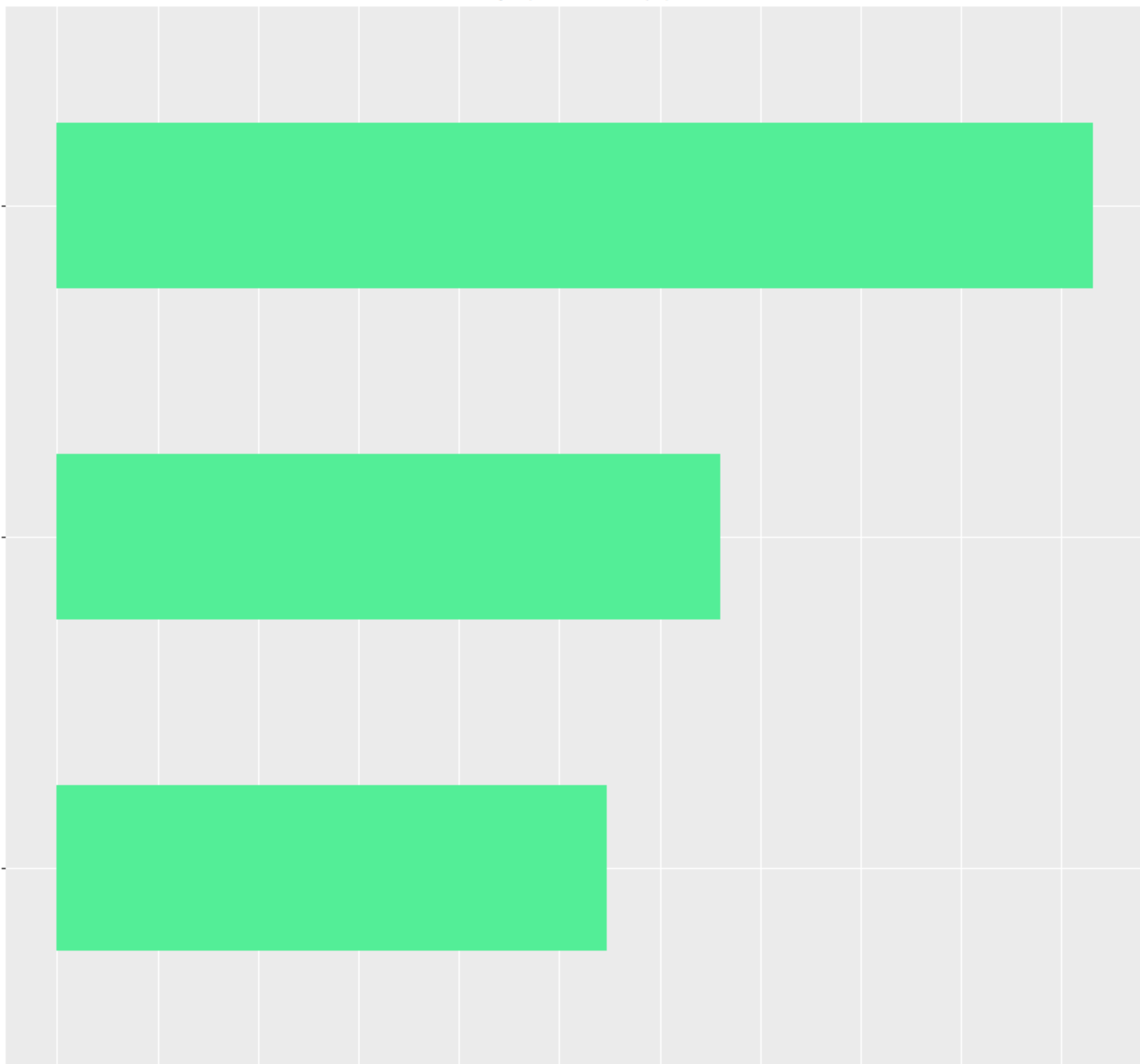
2

3

4

5

Functional Enrichment



nuclear transport

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

Cluster 7/22

0

1

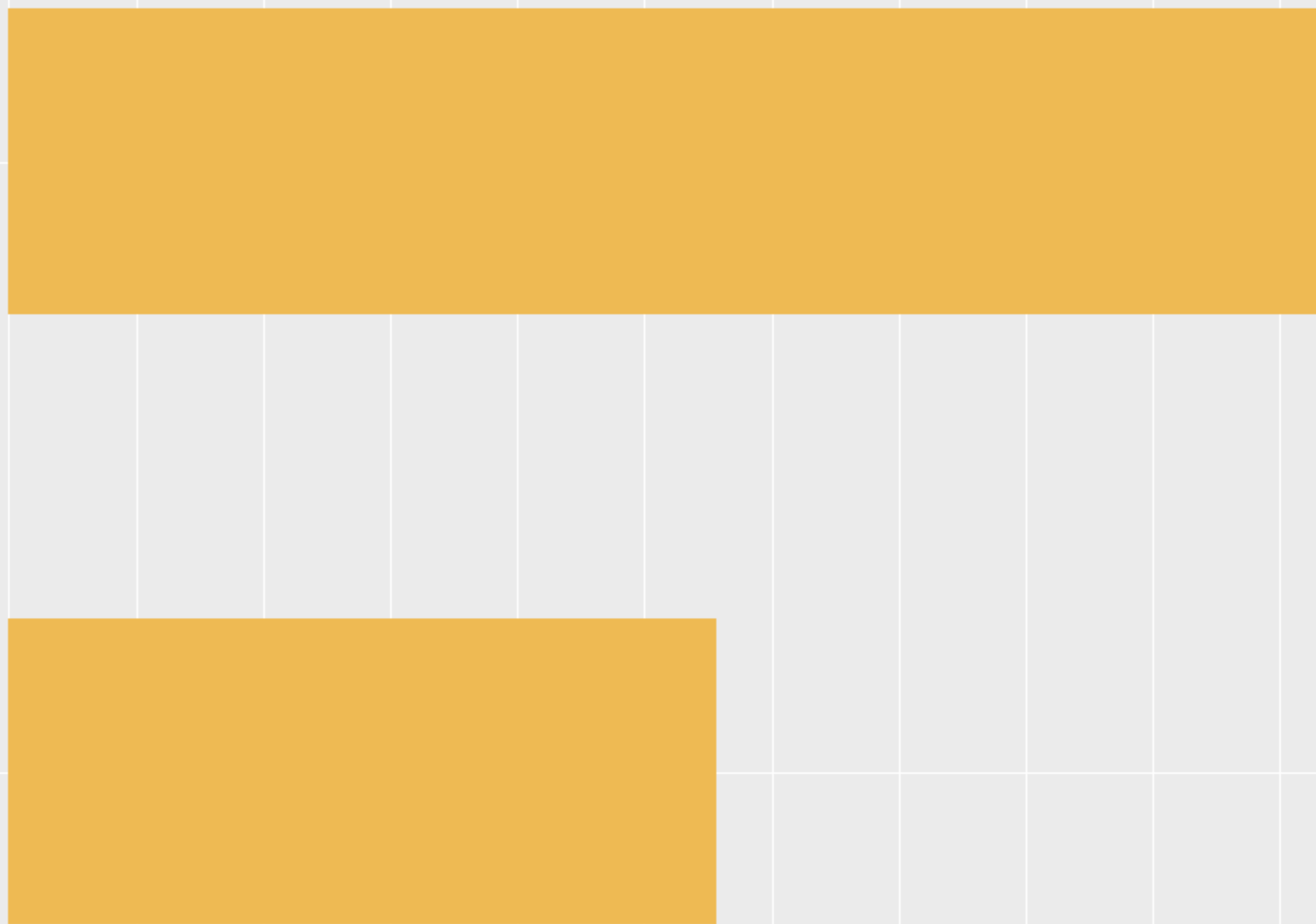
2

3

4

5

Functional Enrichment



nuclear transport

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 19/42

Cluster 37/42

Cluster 17/42

0

1

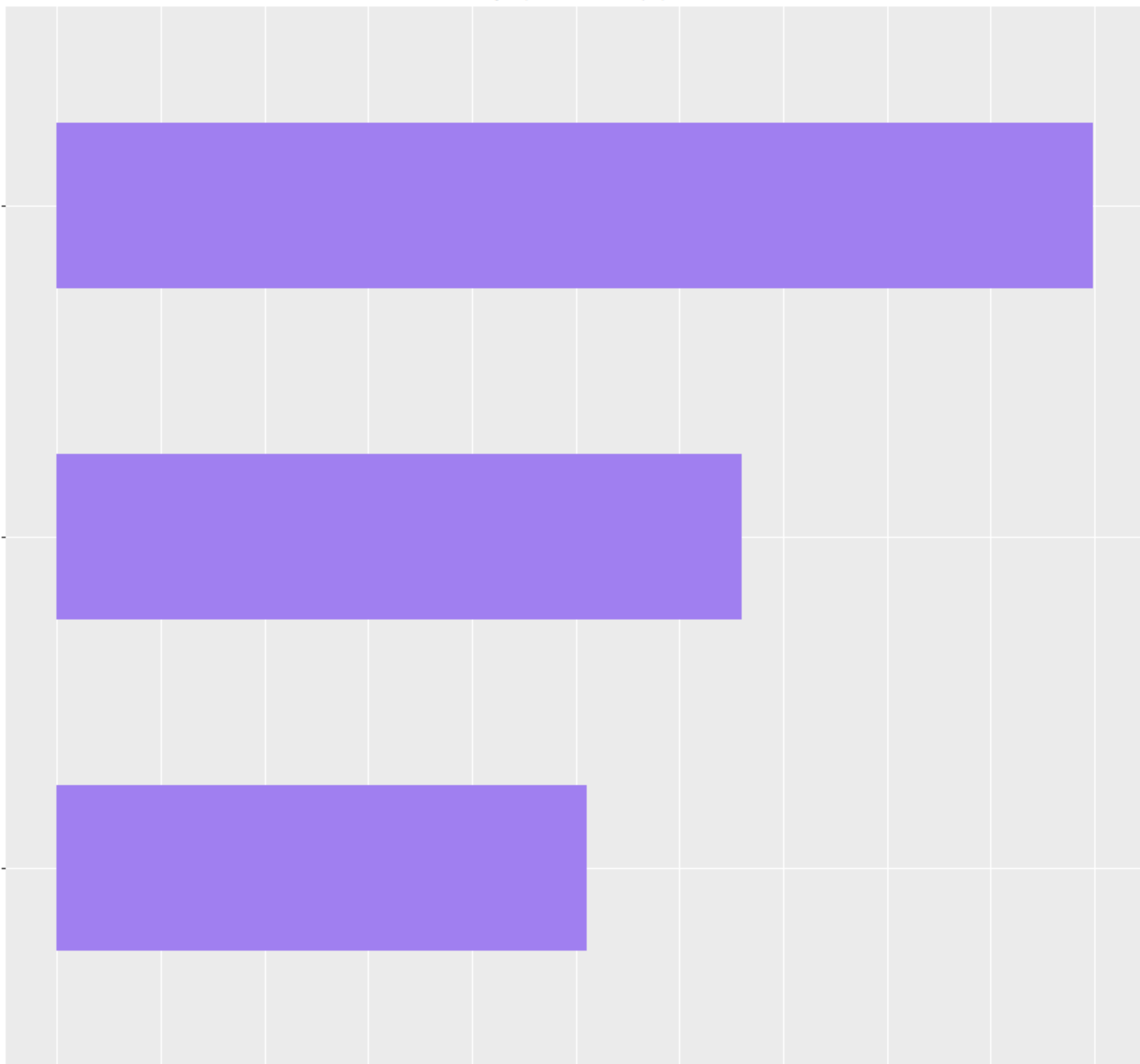
2

3

4

5

Functional Enrichment



nucleobase-containing compound transport

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/42

0

1

2

3

4

Functional Enrichment



nucleobase-containing compound transport

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

0

1

2

3

4

Functional Enrichment



nucleobase-containing compound transport

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 19/42

0

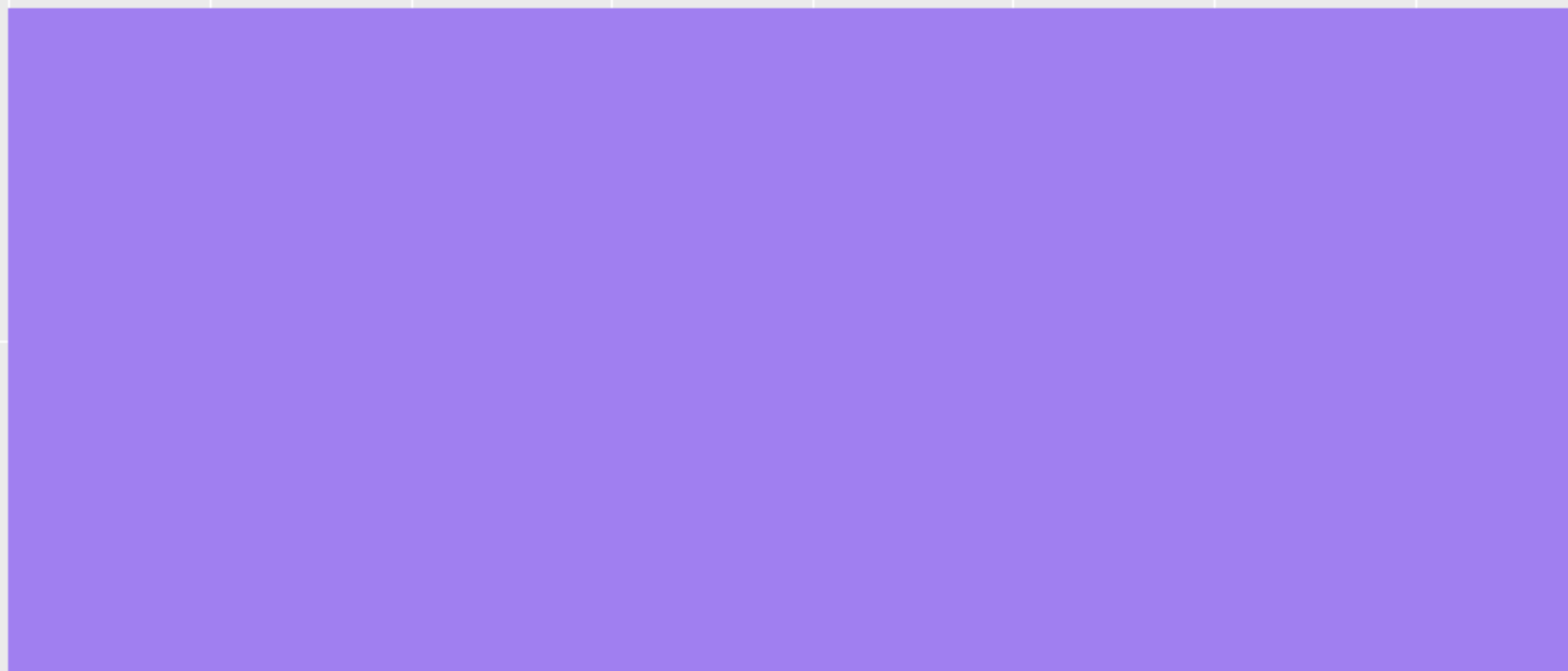
1

2

3

4

Functional Enrichment



nucleobase-containing small molecule metabolic process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 2/42

0

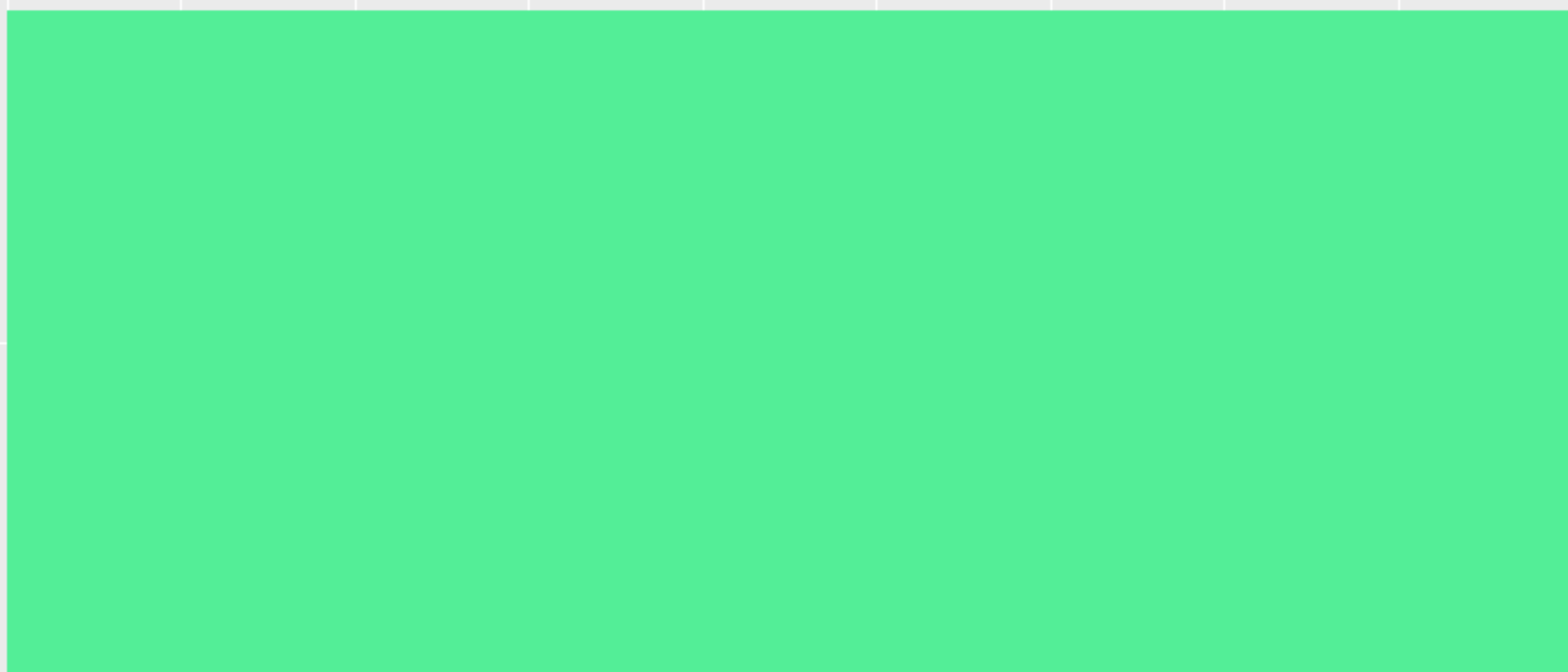
1

2

3

4

Functional Enrichment



nucleobase-containing small molecule metabolic process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 2/42

0

1

2

3

4

Functional Enrichment



nucleobase-containing small molecule metabolic process

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 1/24

0

2

4

Functional Enrichment



nucleus organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

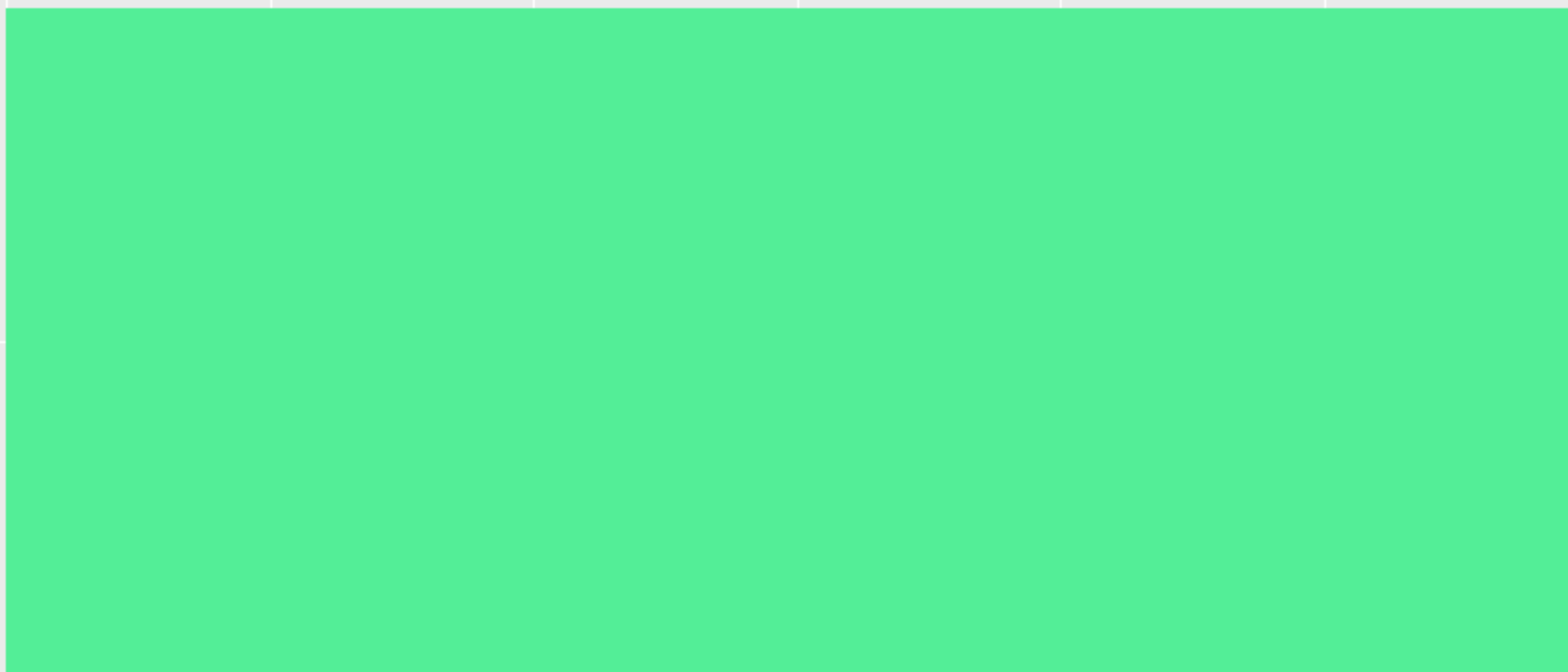
0

1

2

3

Functional Enrichment



nucleus organization

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 2/22

0

5

10

15

Functional Enrichment



nucleus organization

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0

1

2

3

Functional Enrichment



organelle assembly

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0.0

0.5

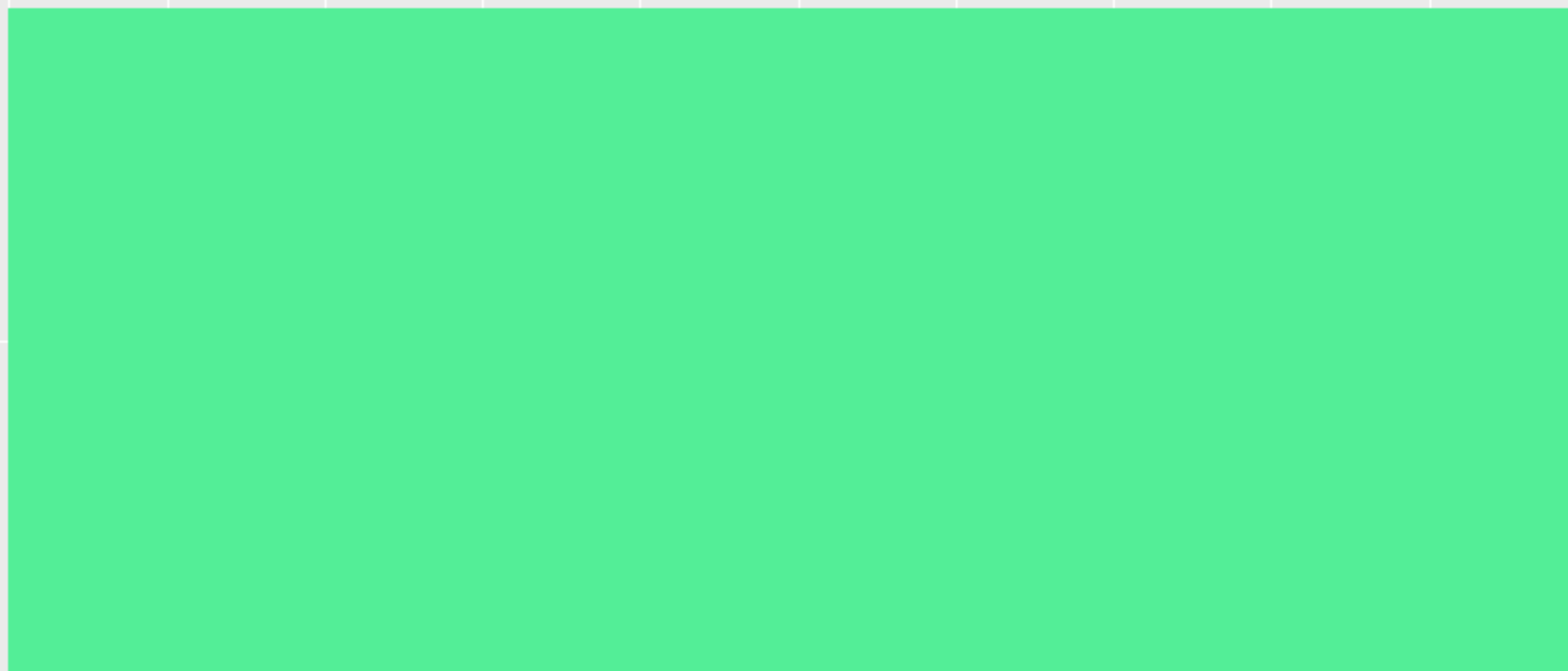
1.0

1.5

2.0

2.5

Functional Enrichment



organelle assembly

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



organelle assembly

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



organelle fission

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 17/42

Cluster 41/42

0

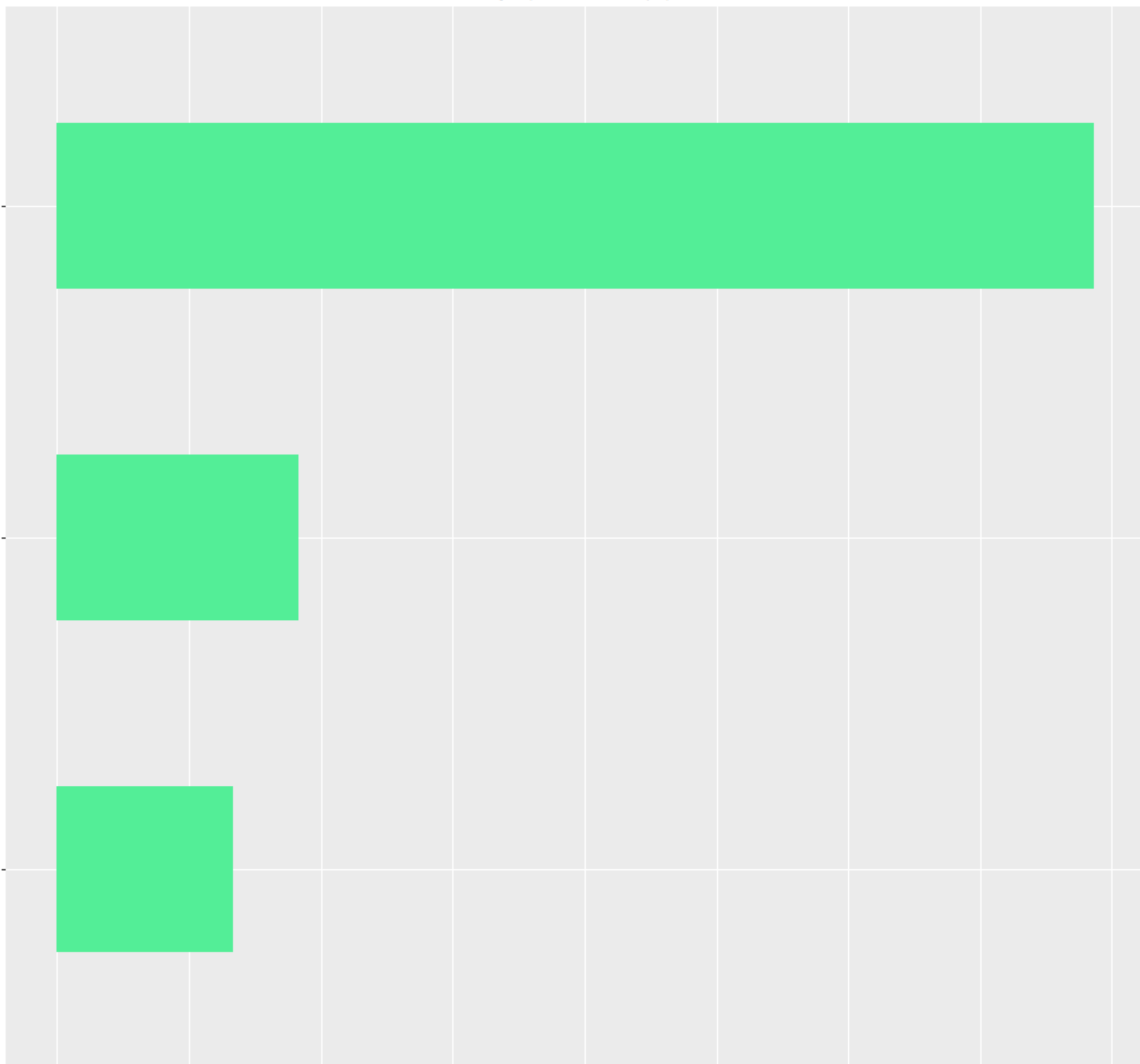
3

6

9

12

Functional Enrichment



organelle fission

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

Functional Enrichment



organelle fission

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 17/42

Cluster 34/42

0

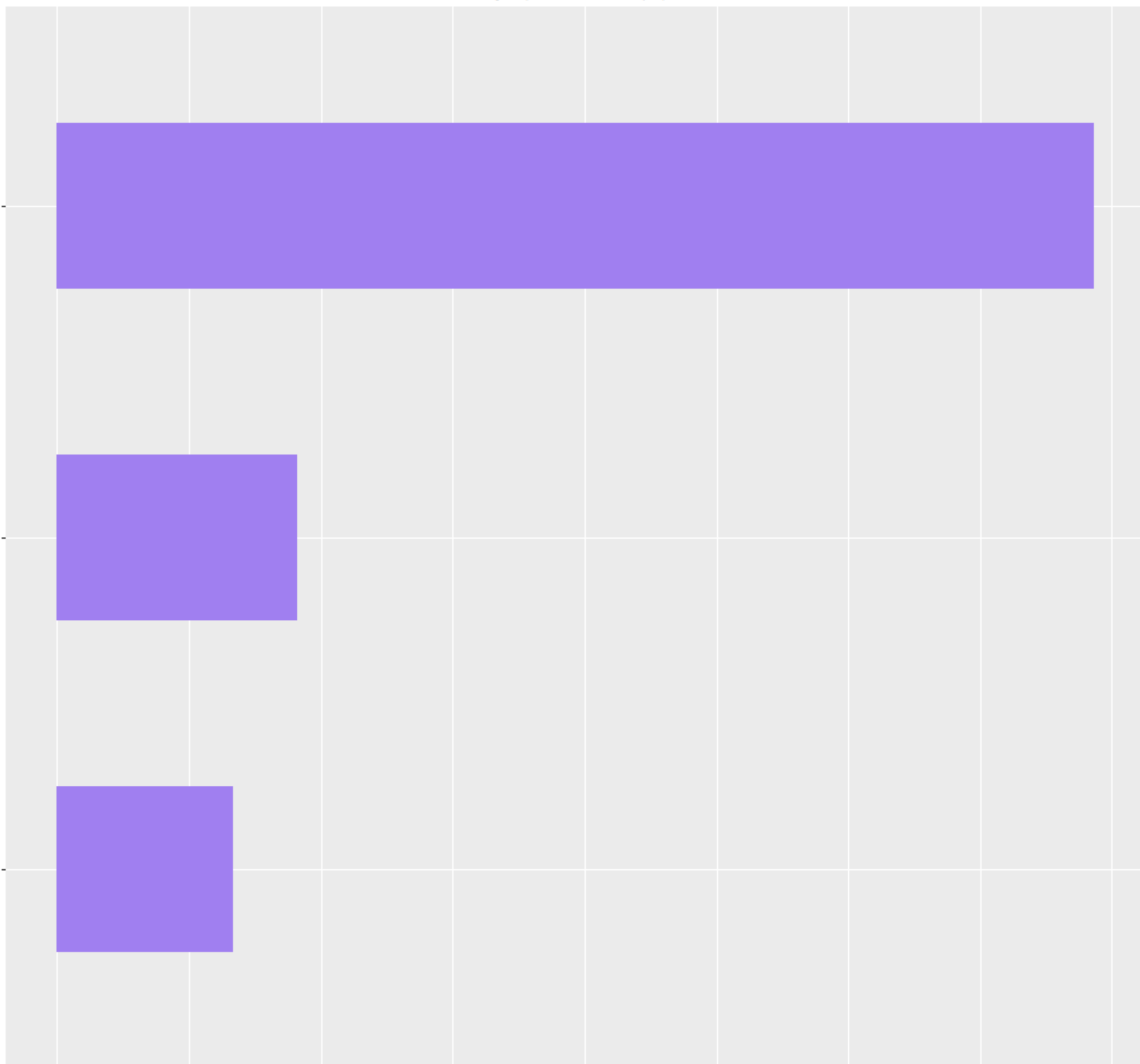
3

6

9

12

Functional Enrichment



organelle fission

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

Cluster 11/24

Cluster 22/24

0

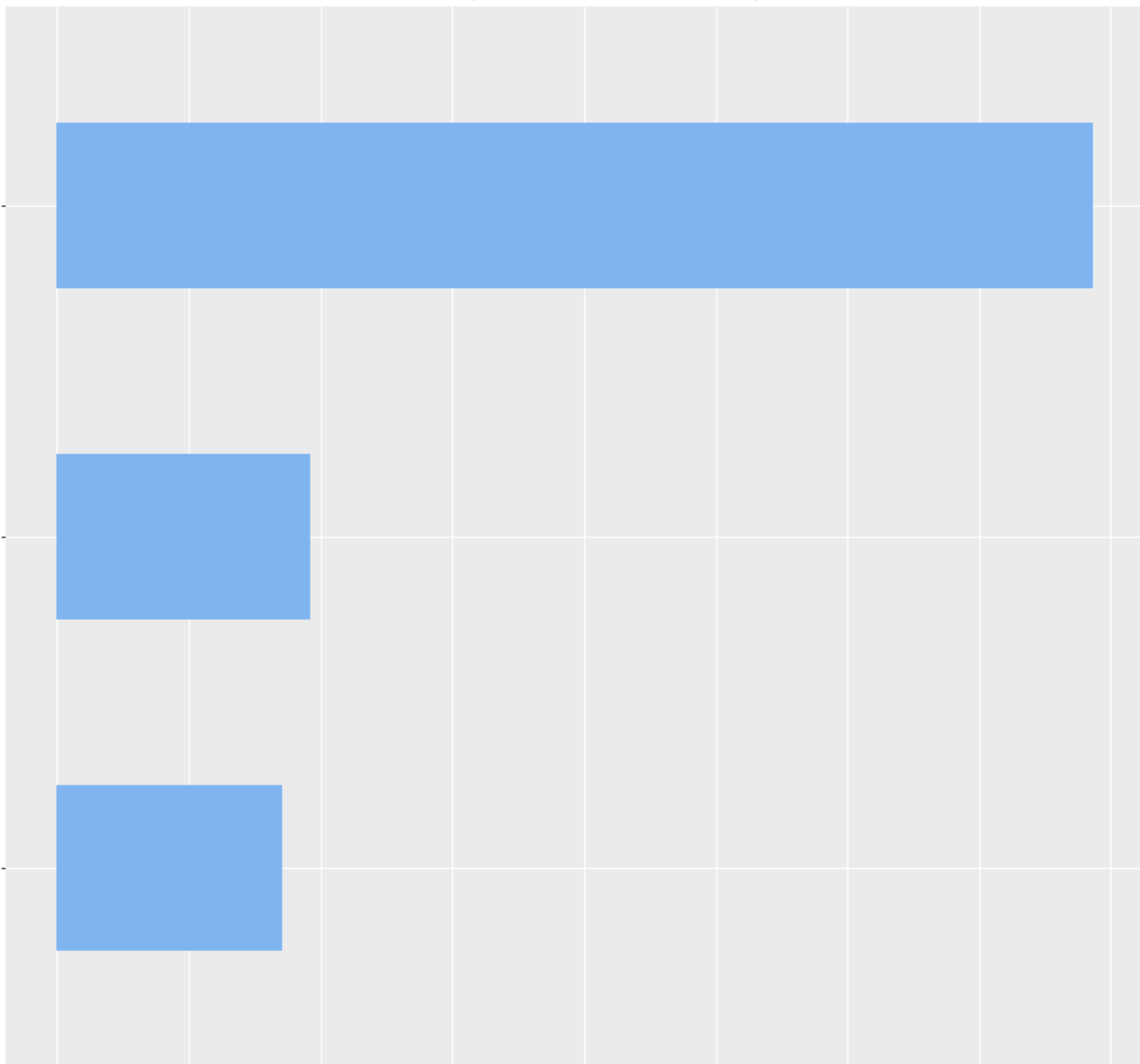
3

6

9

12

Functional Enrichment



organelle fusion

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

0

5

10

15

Functional Enrichment



organelle fusion

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

5

10

15

Functional Enrichment



organelle inheritance

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

0

2

4

6

8

Functional Enrichment



organelle inheritance

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

2

4

6

8

Functional Enrichment



organelle inheritance

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 8/24

0

1

2

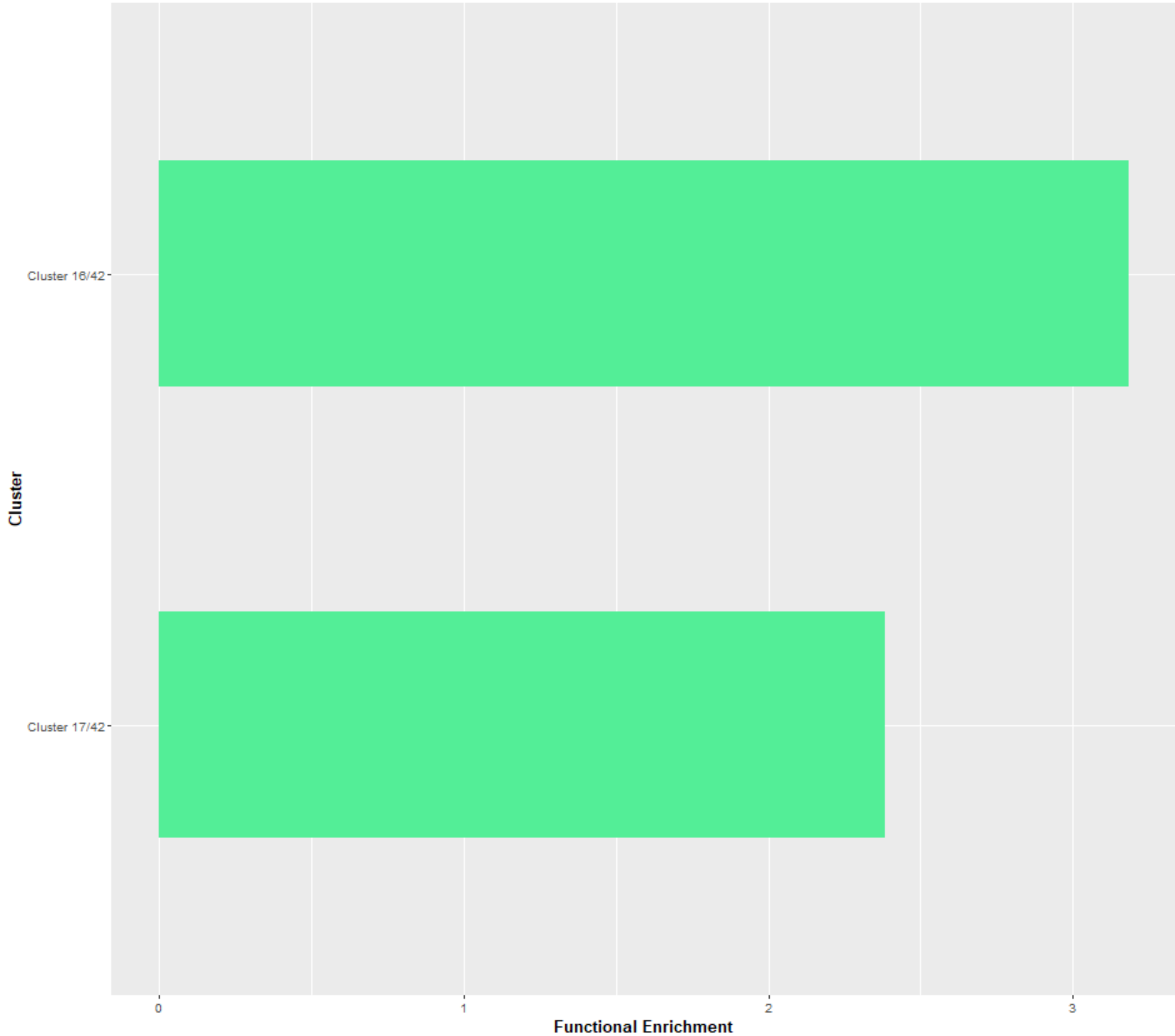
3

4

Functional Enrichment



peptidyl-amino acid modification
Without CellCycle | Without AreaShape | All Genes



peptidyl-amino acid modification

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

Cluster 7/22

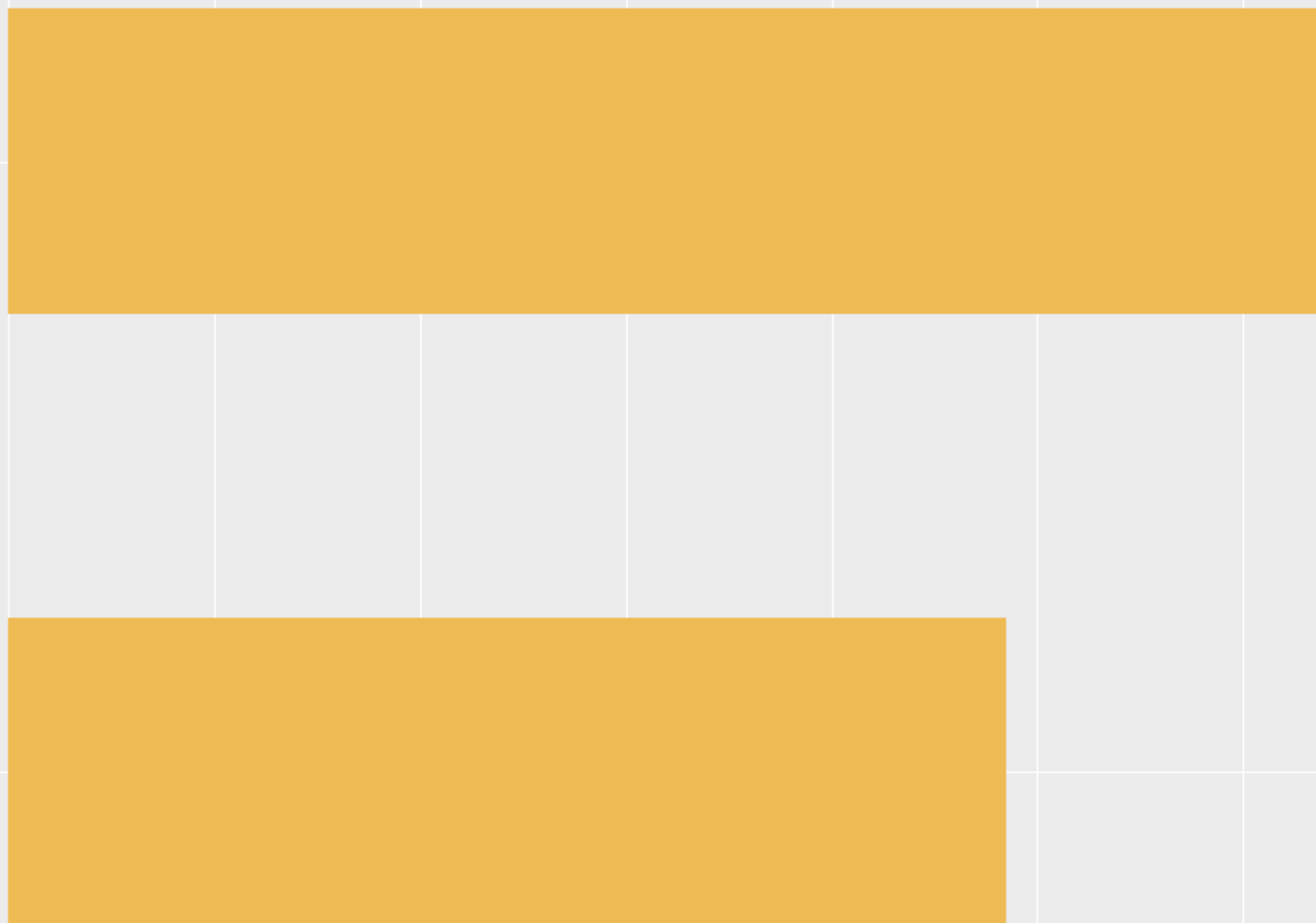
0

1

2

3

Functional Enrichment



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

Cluster

Cluster 17/42

0.0

0.5

1.0

1.5

2.0

Functional Enrichment



protein acylation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

0

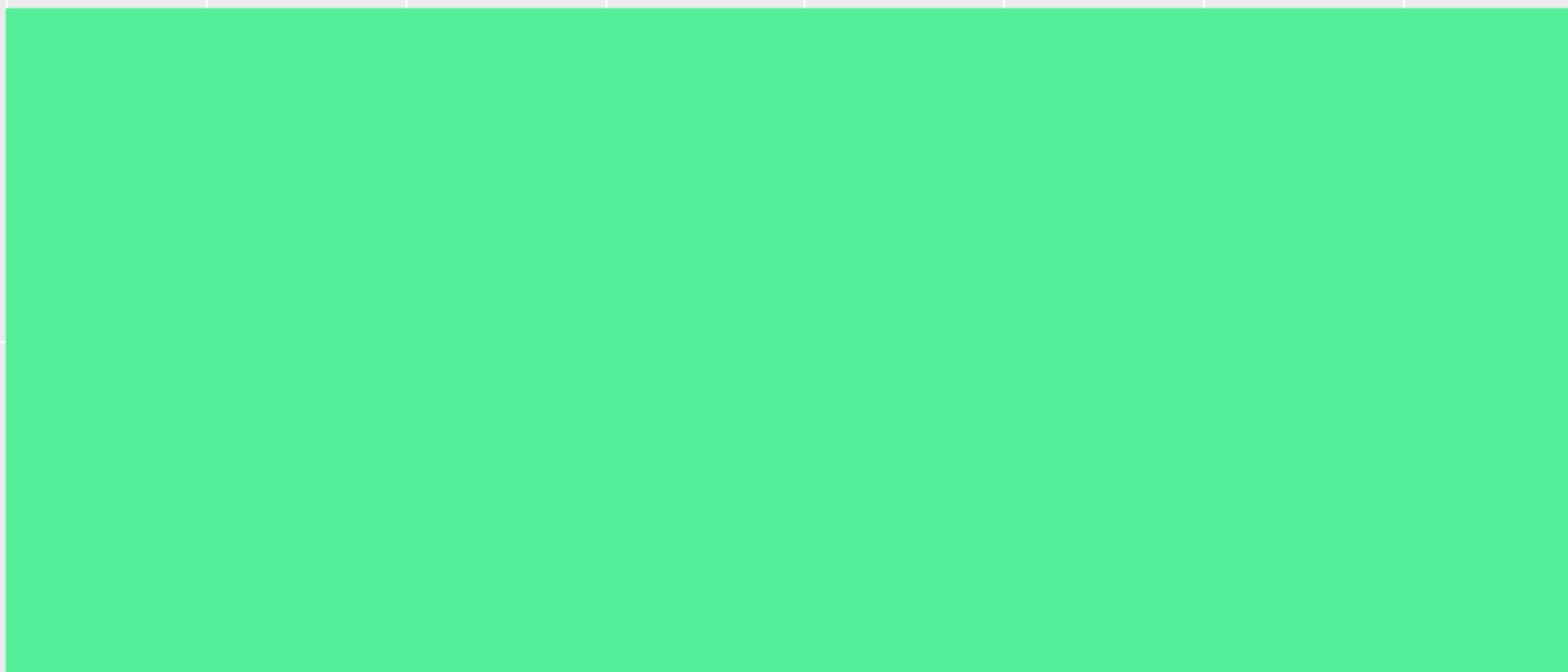
5

10

15

20

Functional Enrichment



protein acylation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

0

5

10

15

20

Functional Enrichment



protein acylation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

5

10

15

20

Functional Enrichment



protein alkylation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 30/42

0

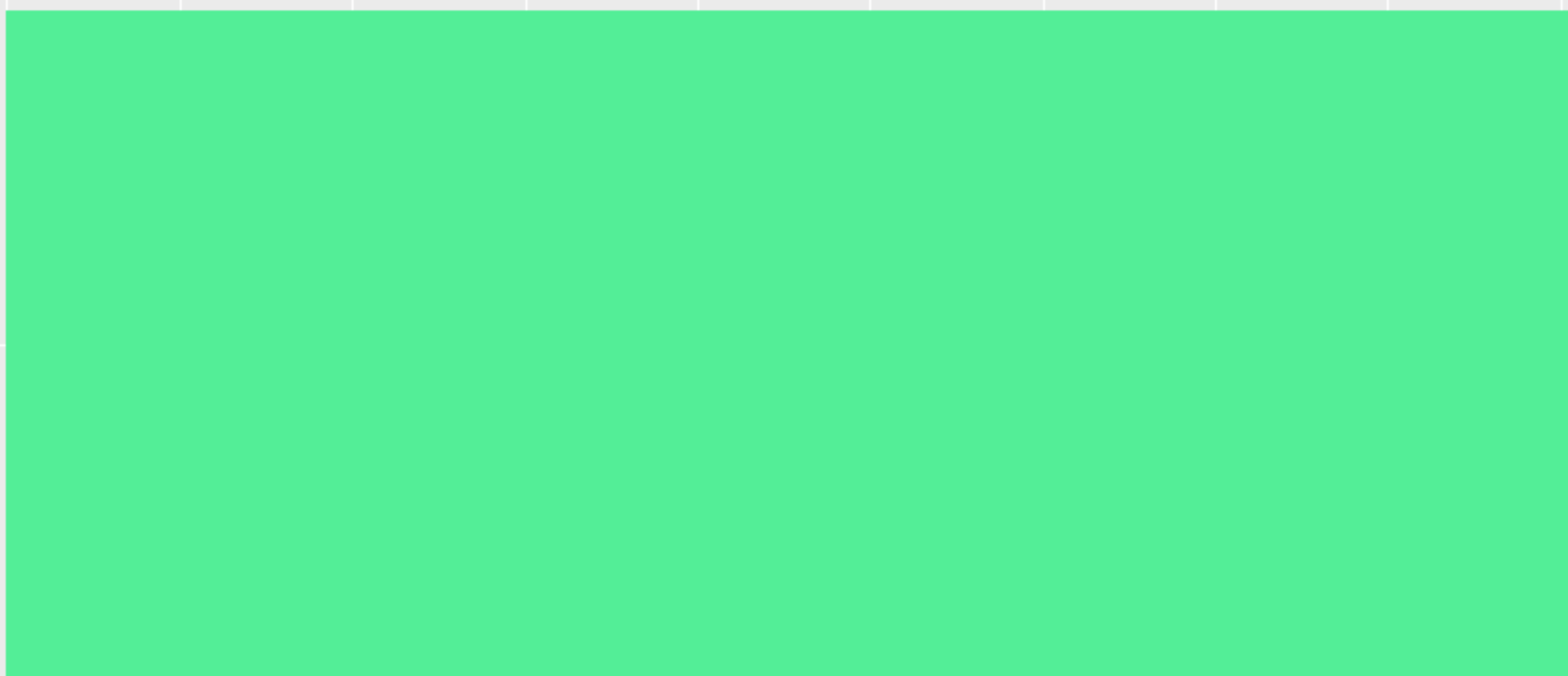
1

2

3

4

Functional Enrichment



protein alkylation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 23/42

0

1

2

3

4

Functional Enrichment



protein alkylation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 7/24

0

1

2

3

4

Functional Enrichment



protein complex biogenesis

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

Cluster 17/42

0

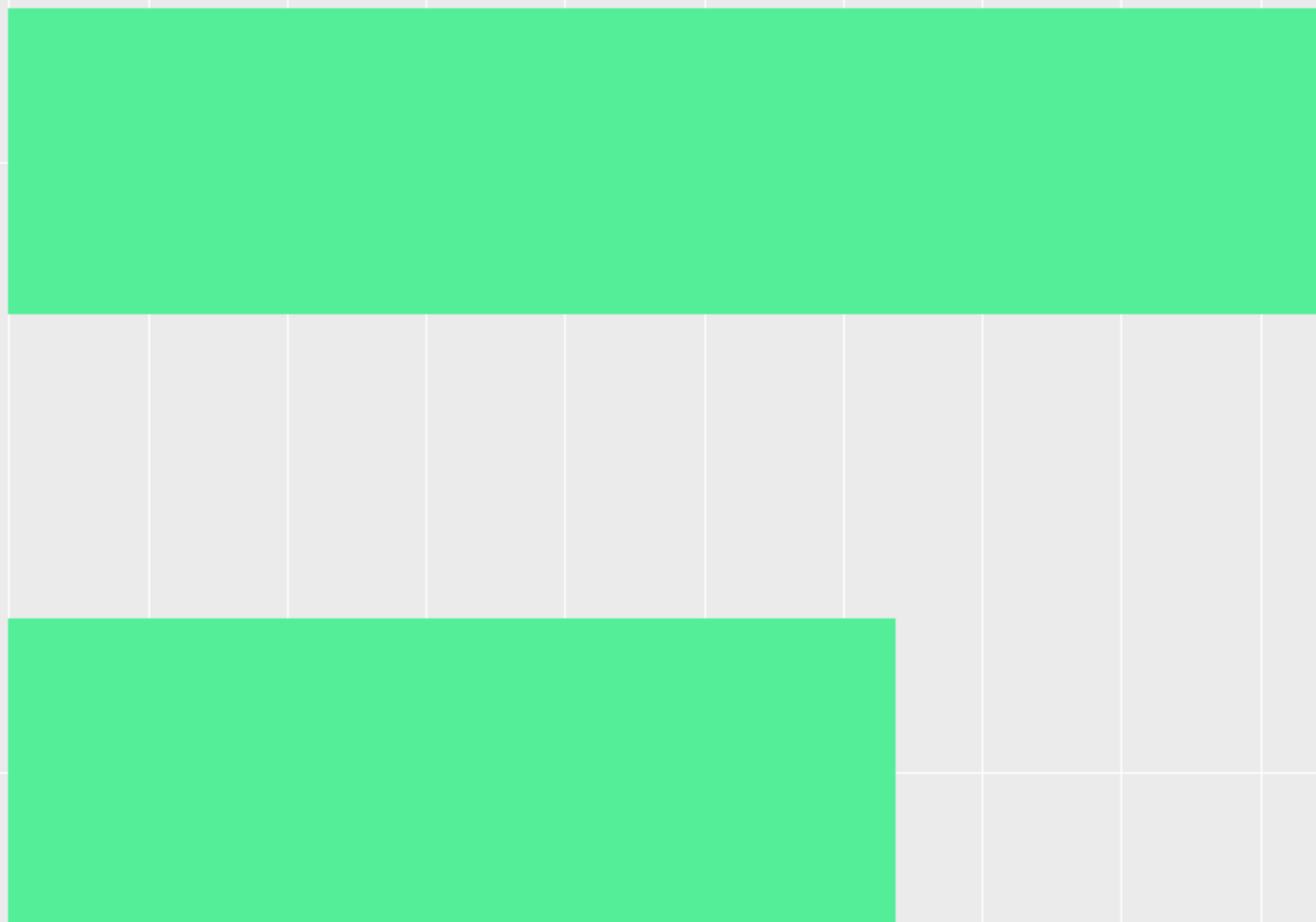
1

2

3

4

Functional Enrichment



protein complex biogenesis

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

Cluster 7/22

0

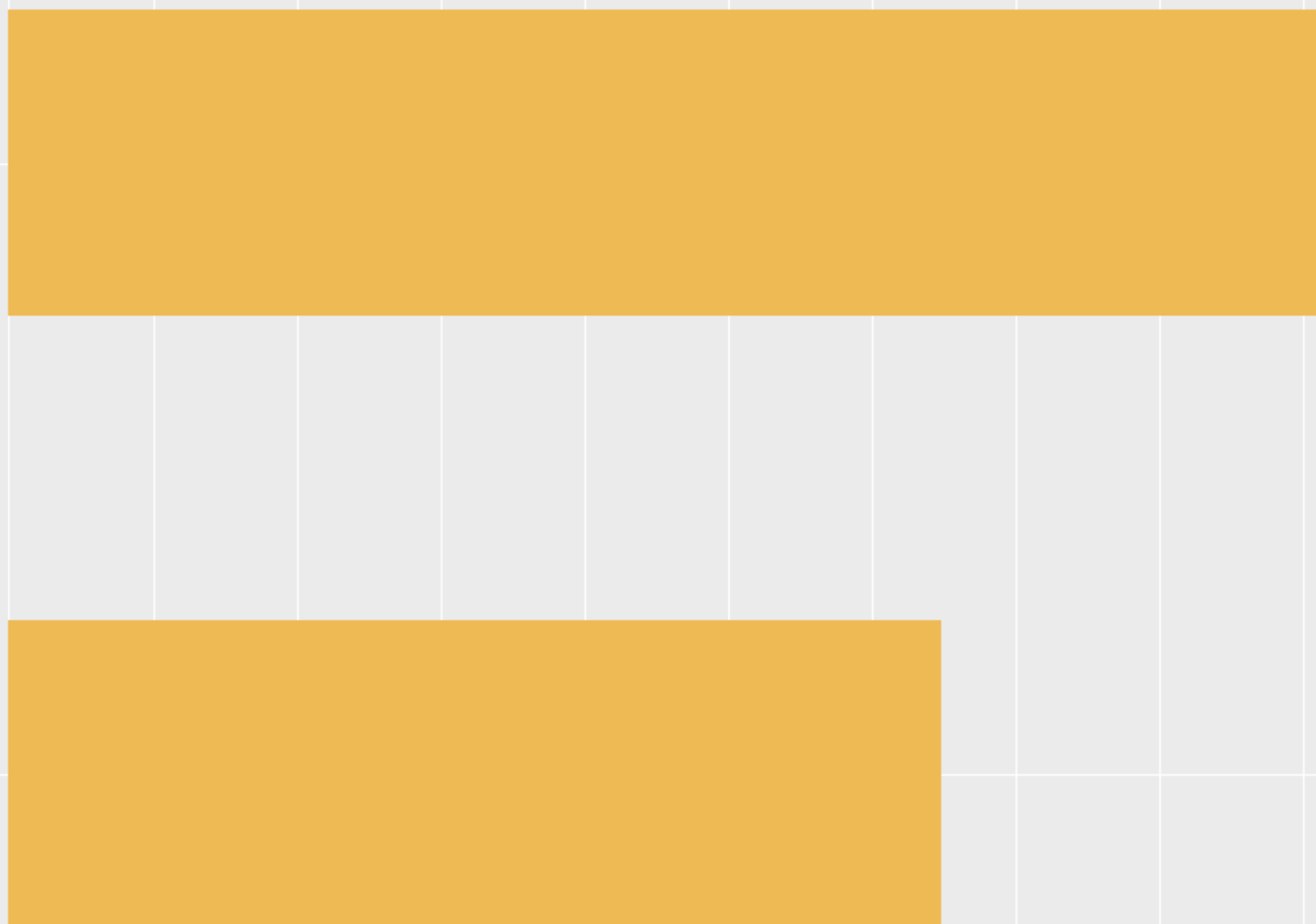
1

2

3

4

Functional Enrichment



protein complex biogenesis

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0

1

2

3

Functional Enrichment



protein lipidation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0

1

2

3

4

Functional Enrichment



protein lipidation

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

3

4

Functional Enrichment



protein lipidation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

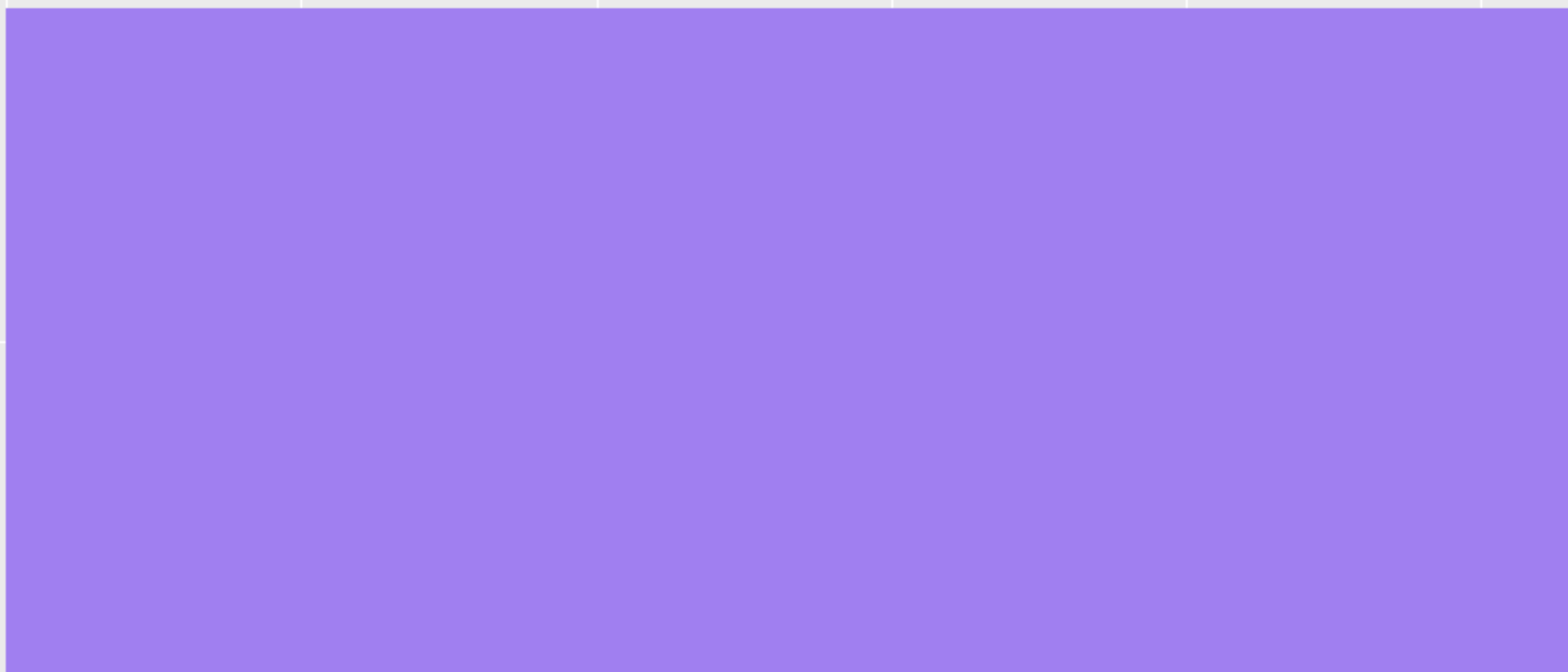
Cluster 17/42

0

2

4

Functional Enrichment



protein modification by small protein conjugation or removal

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/42

Cluster 17/42

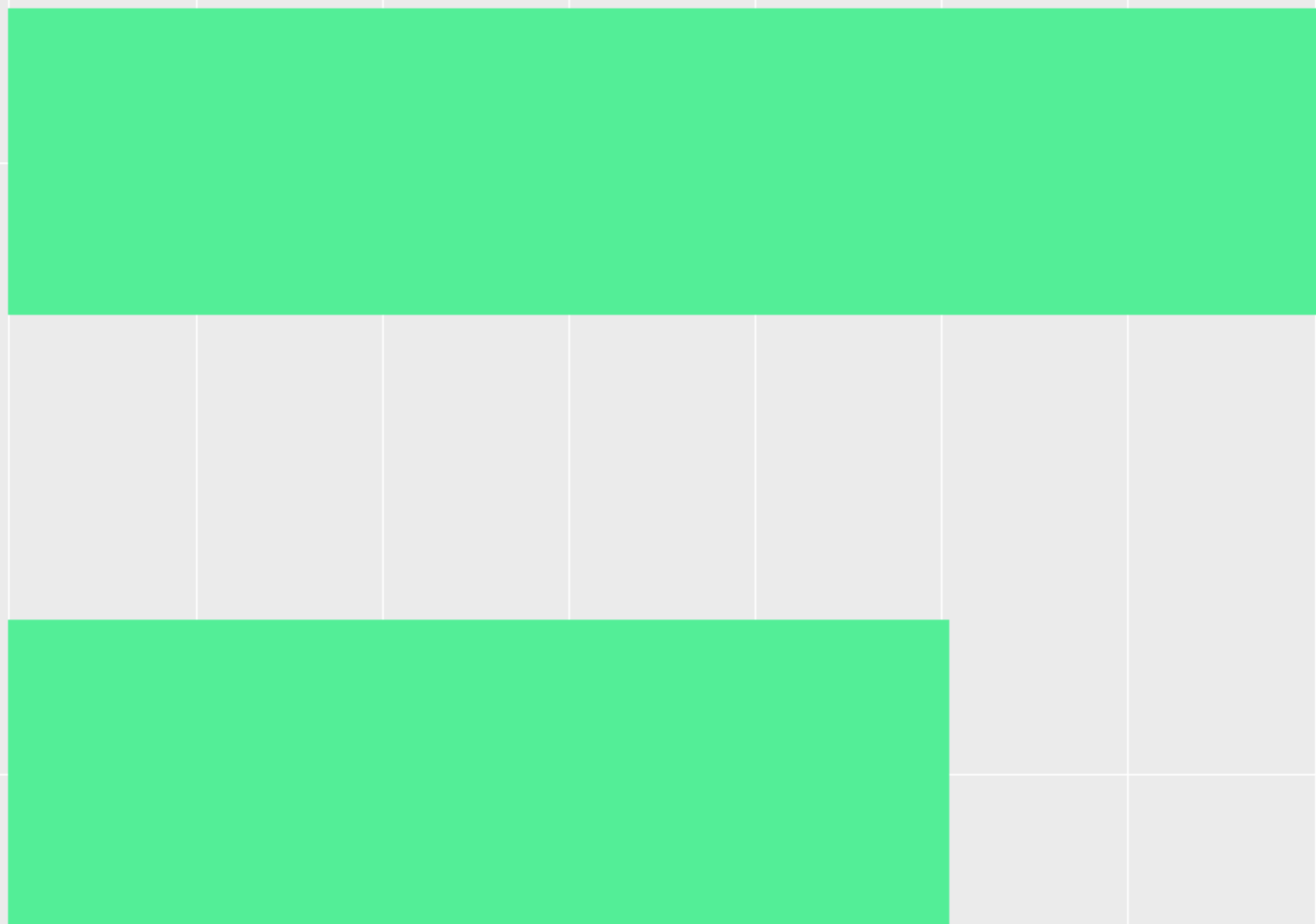
0

1

2

3

Functional Enrichment



protein modification by small protein conjugation or removal

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

Functional Enrichment



protein modification by small protein conjugation or removal

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 35/42

Cluster 17/42

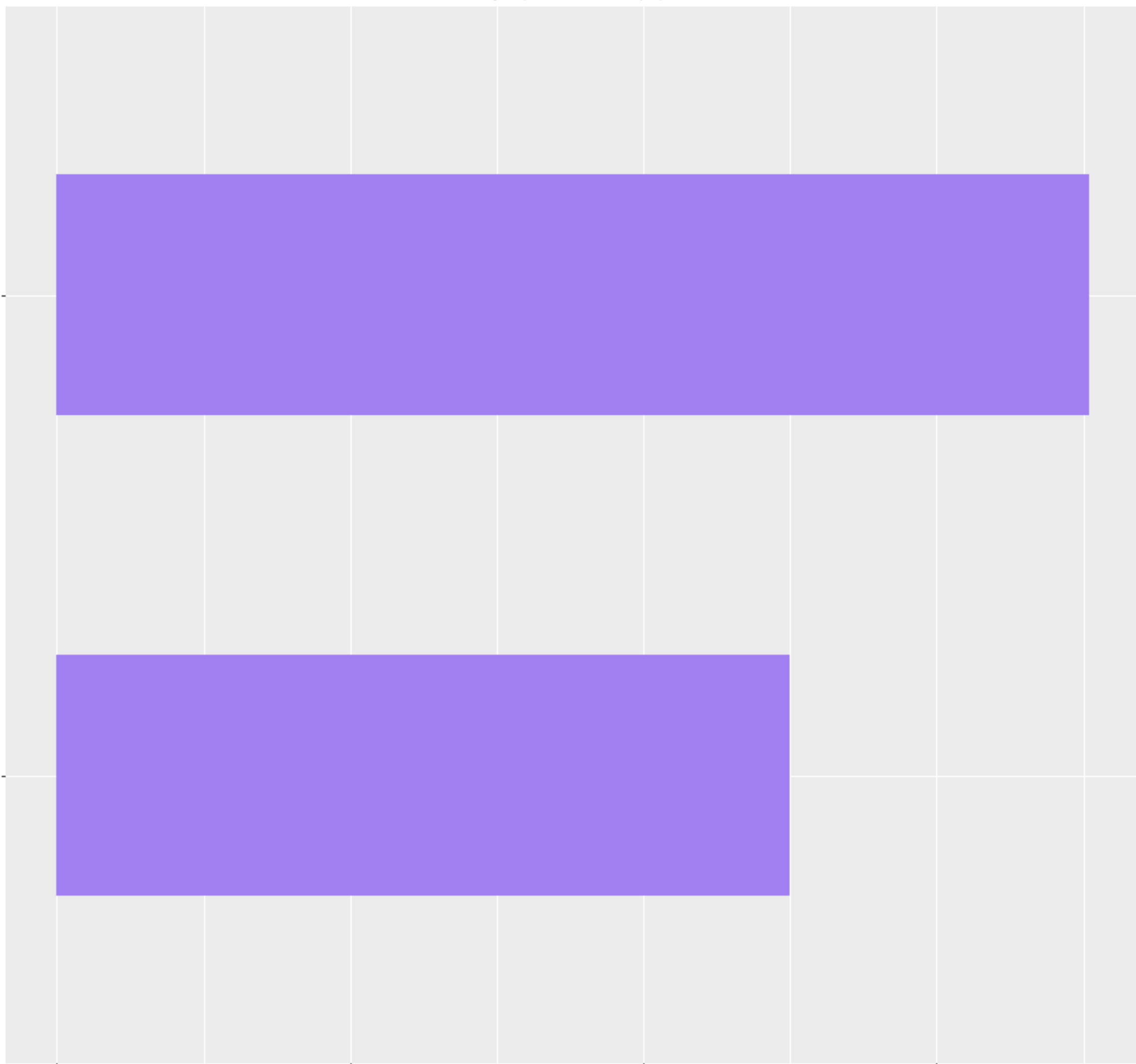
0

1

2

3

Functional Enrichment



protein modification by small protein conjugation or removal

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 20/24

Cluster 11/24

Cluster 21/24

0

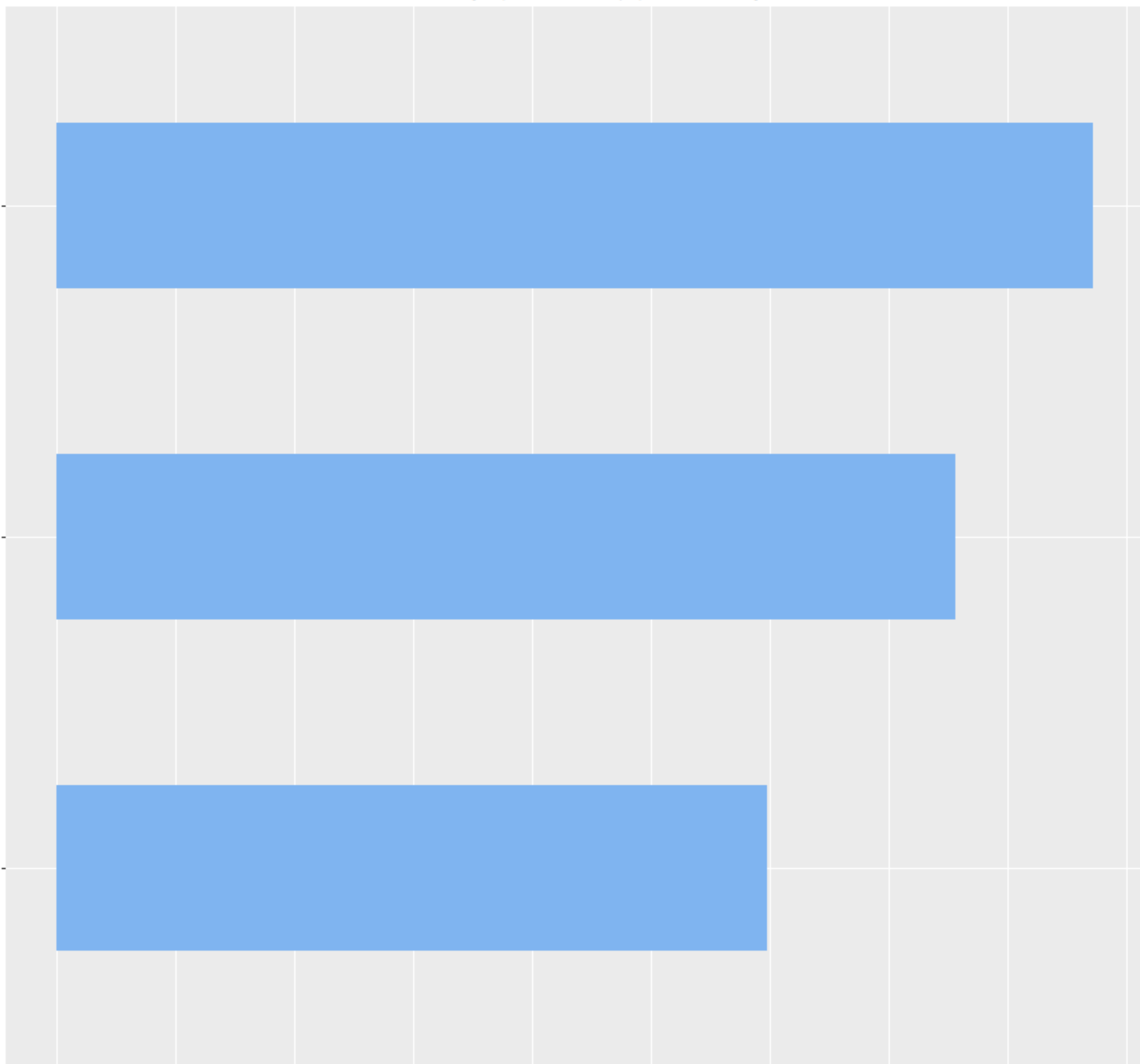
1

2

3

4

Functional Enrichment



protein phosphorylation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 37/42

Cluster 17/42

0.0

0.5

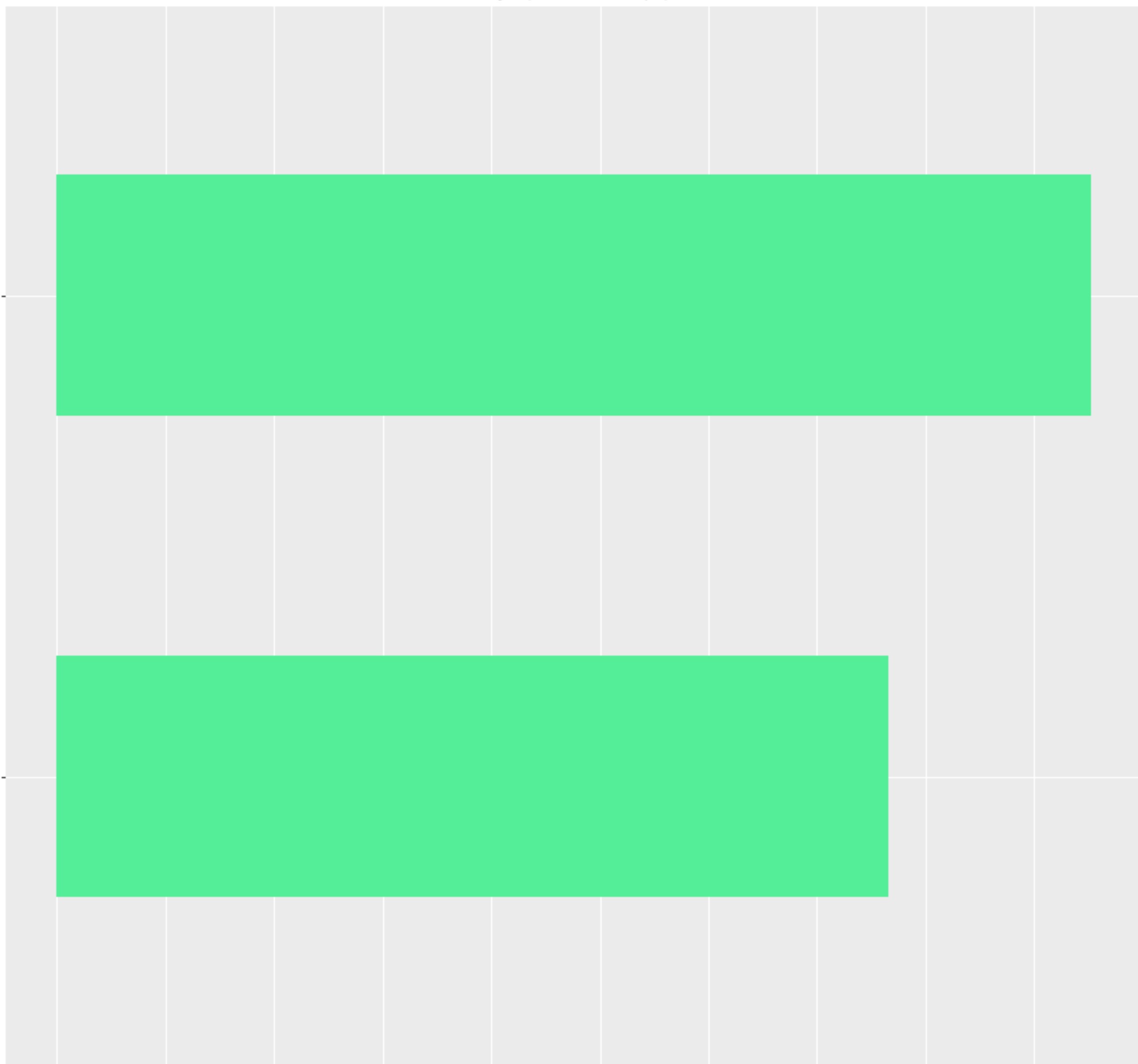
Functional Enrichment

1.0

1.5

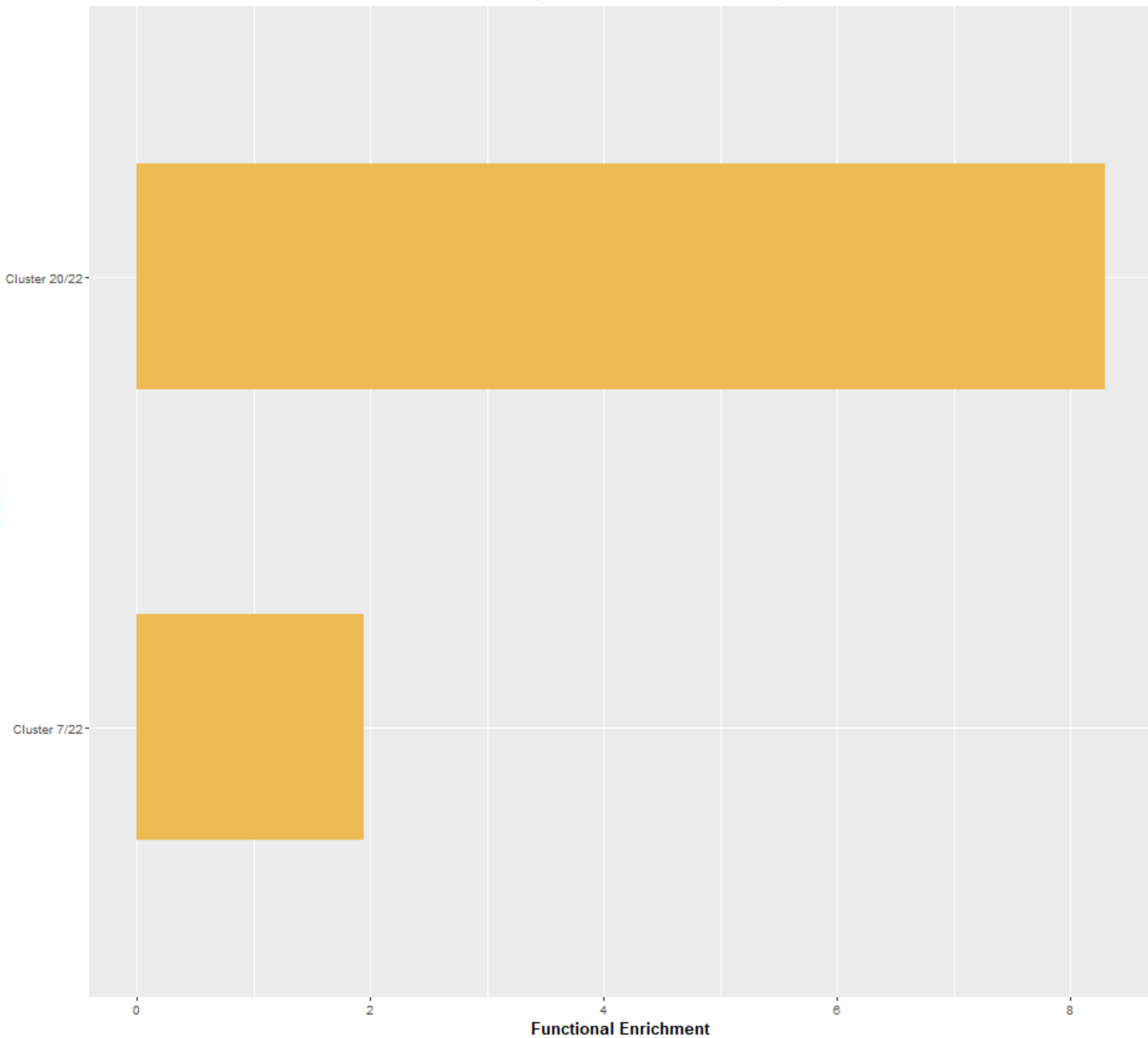
2.0

2.5



protein phosphorylation

Without CellCycle | Without AreaShape | Essential Only



protein phosphorylation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 30/42

Cluster 17/42

0.0

0.5

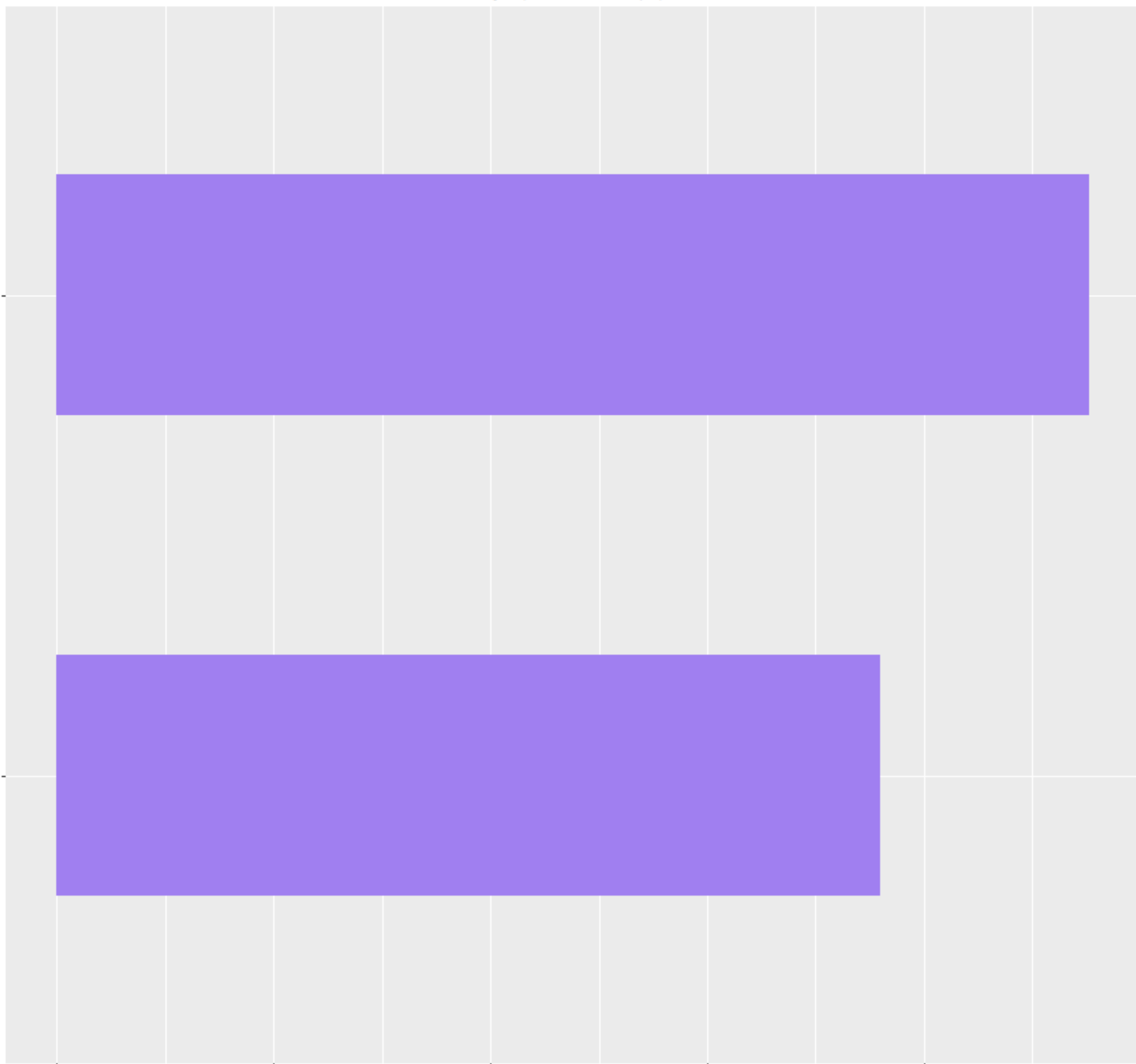
Functional Enrichment

1.0

1.5

2.0

2.5



protein phosphorylation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/24

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



protein targeting

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 21/24

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



proteolysis involved in cellular protein catabolic process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0

1

2

3

Functional Enrichment



proteolysis involved in cellular protein catabolic process

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

3

Functional Enrichment



proteolysis involved in cellular protein catabolic process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0

1

2

3

Functional Enrichment



pseudohyphal growth

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/42

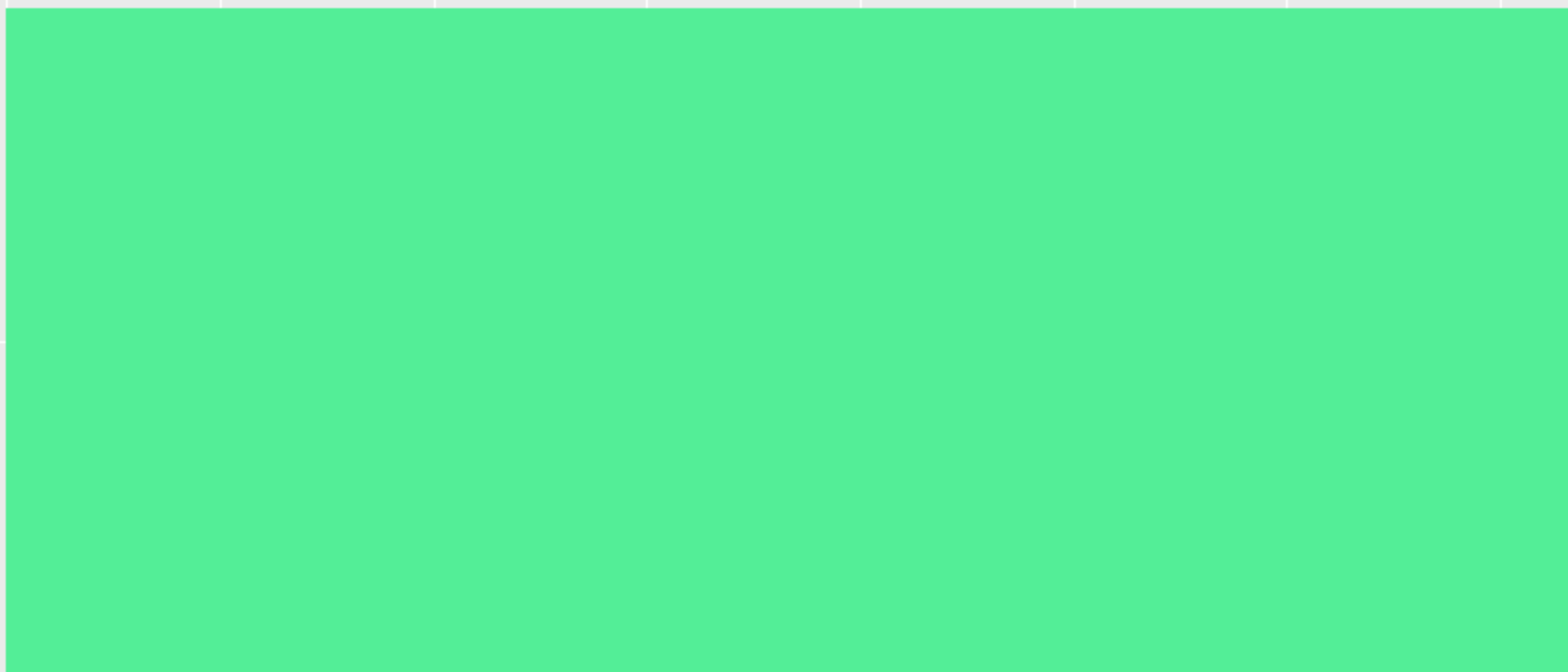
0

2

4

6

Functional Enrichment



pseudohyphal growth

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 35/42

0

2

4

6

Functional Enrichment



pseudohyphal growth

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 21/24

0

1

2

3

4

Functional Enrichment



regulation of cell cycle

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 17/42

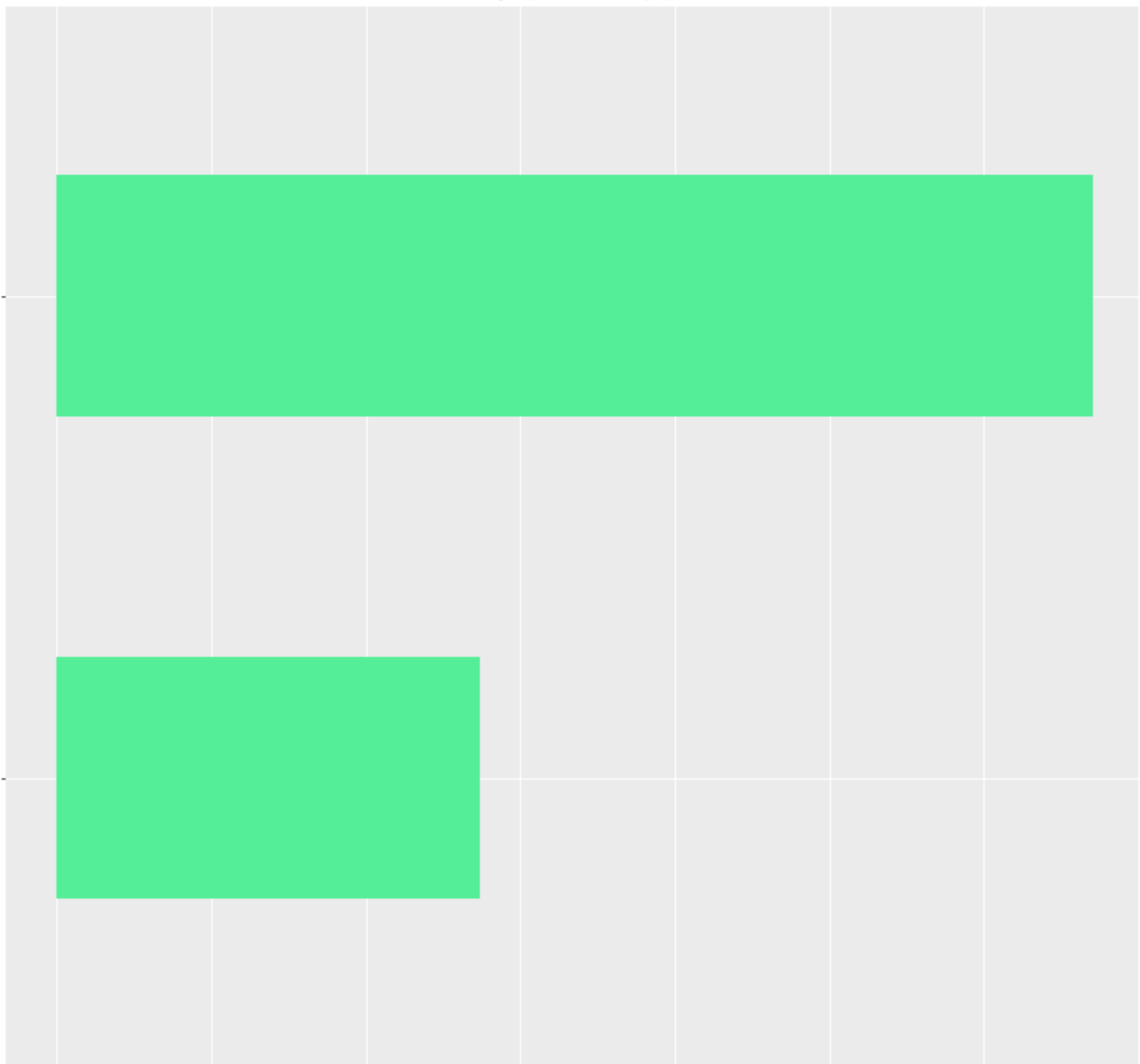
0

2

4

6

Functional Enrichment



regulation of cell cycle

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 20/22

Cluster 7/22

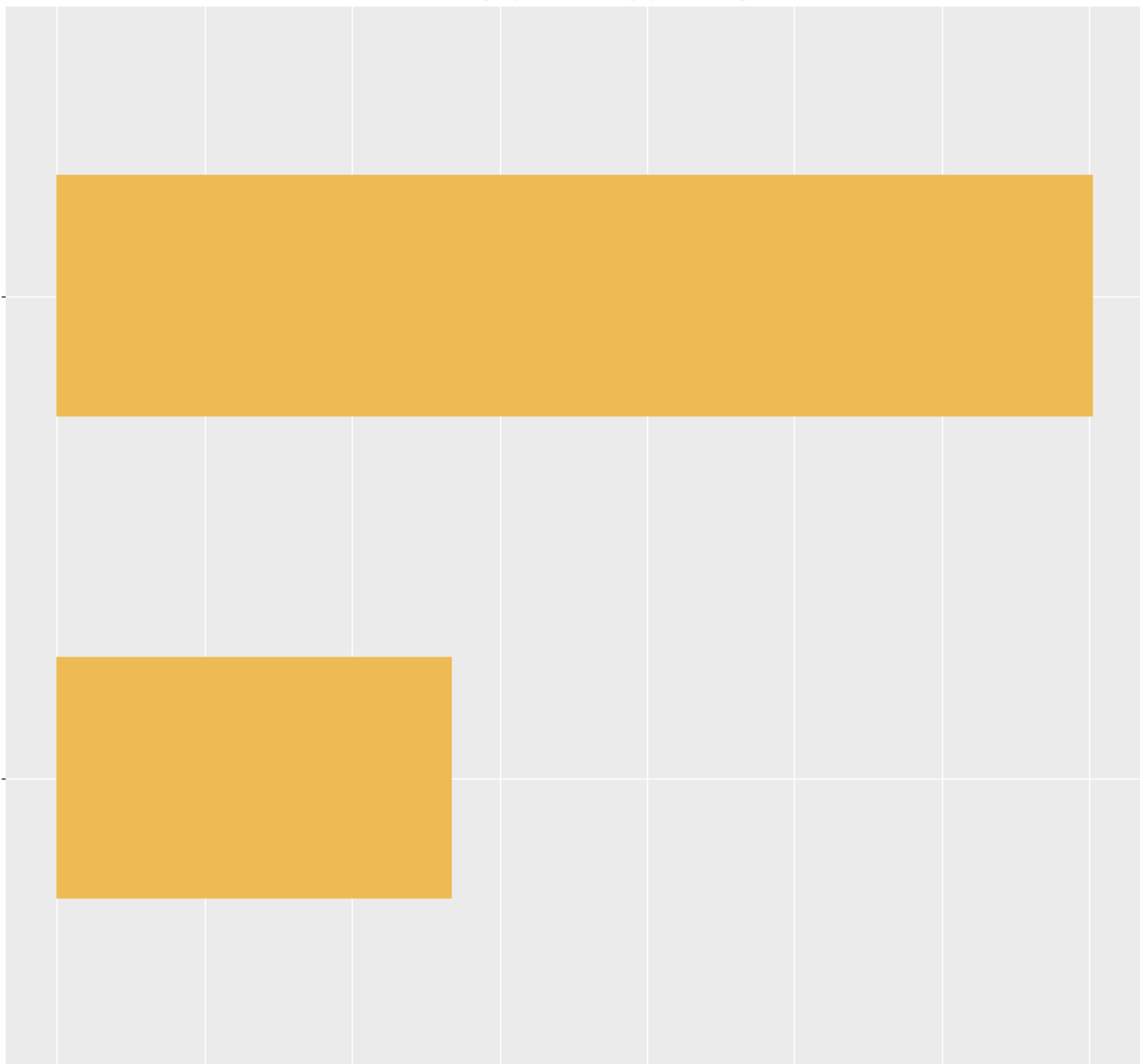
0

2

4

6

Functional Enrichment



regulation of cell cycle

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 17/42

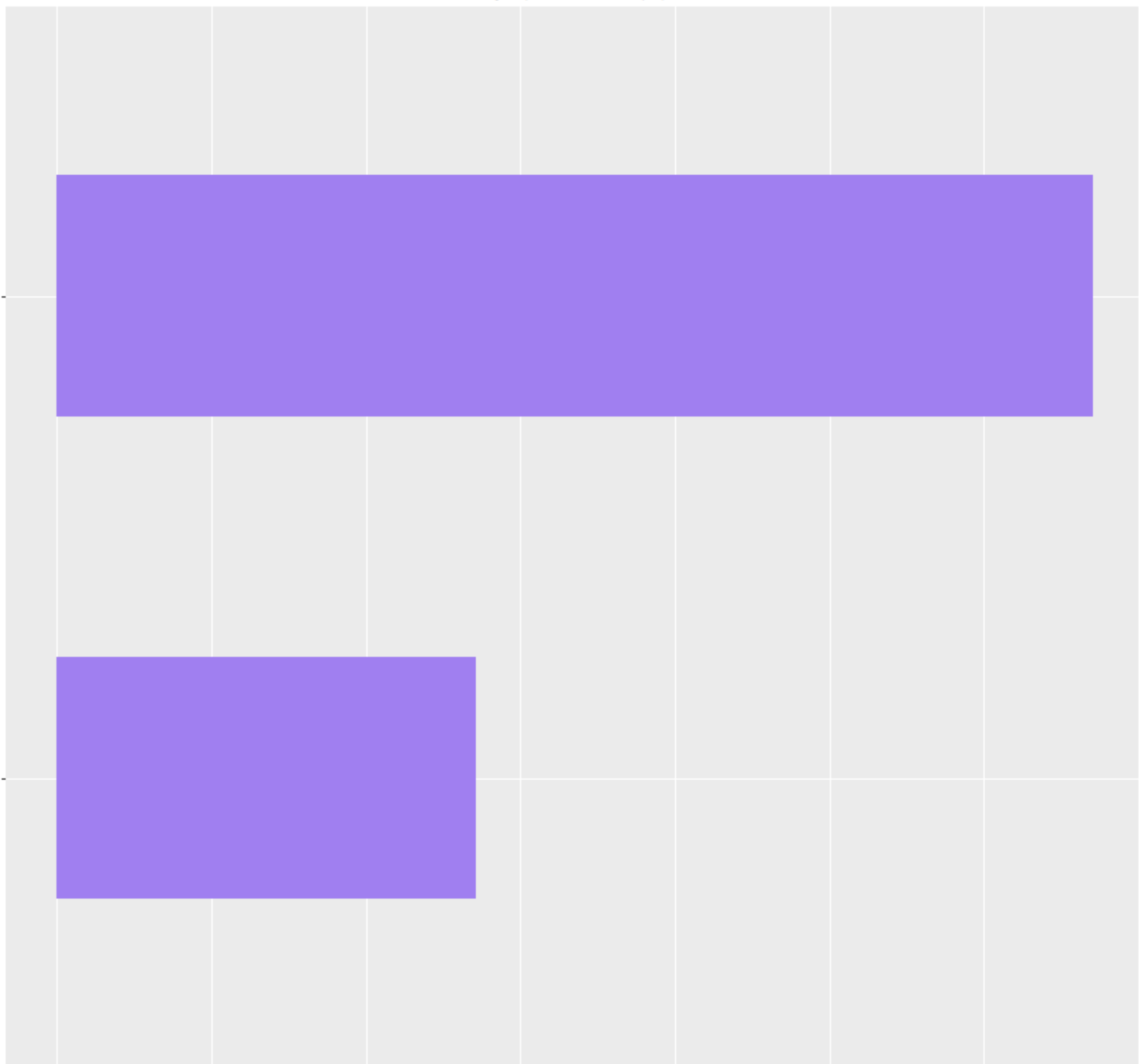
0

2

4

6

Functional Enrichment



regulation of cell cycle

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

2

4

6

Functional Enrichment



regulation of DNA metabolic process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

Cluster 17/42

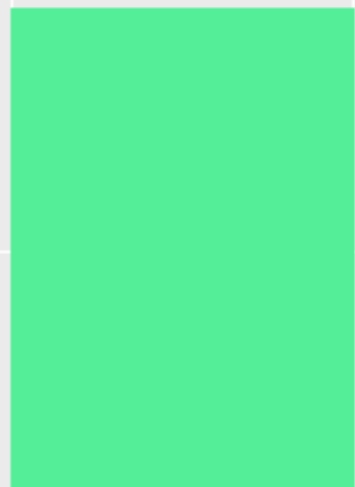
0

5

10

15

Functional Enrichment



regulation of DNA metabolic process

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

Functional Enrichment



regulation of DNA metabolic process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

Cluster 17/42

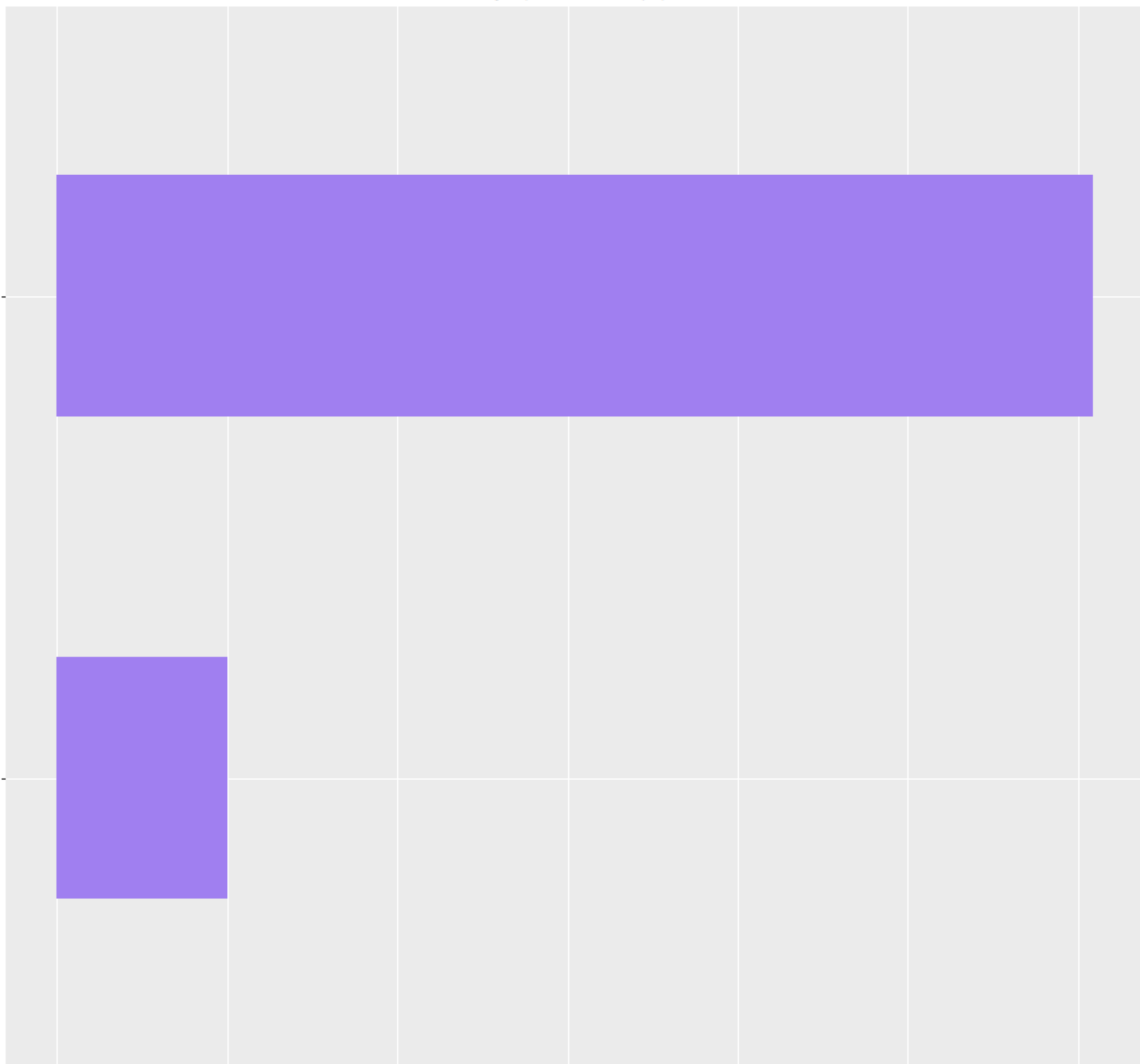
0

5

10

15

Functional Enrichment



regulation of DNA metabolic process

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

5

10

15

Functional Enrichment



regulation of organelle organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0.0

0.5

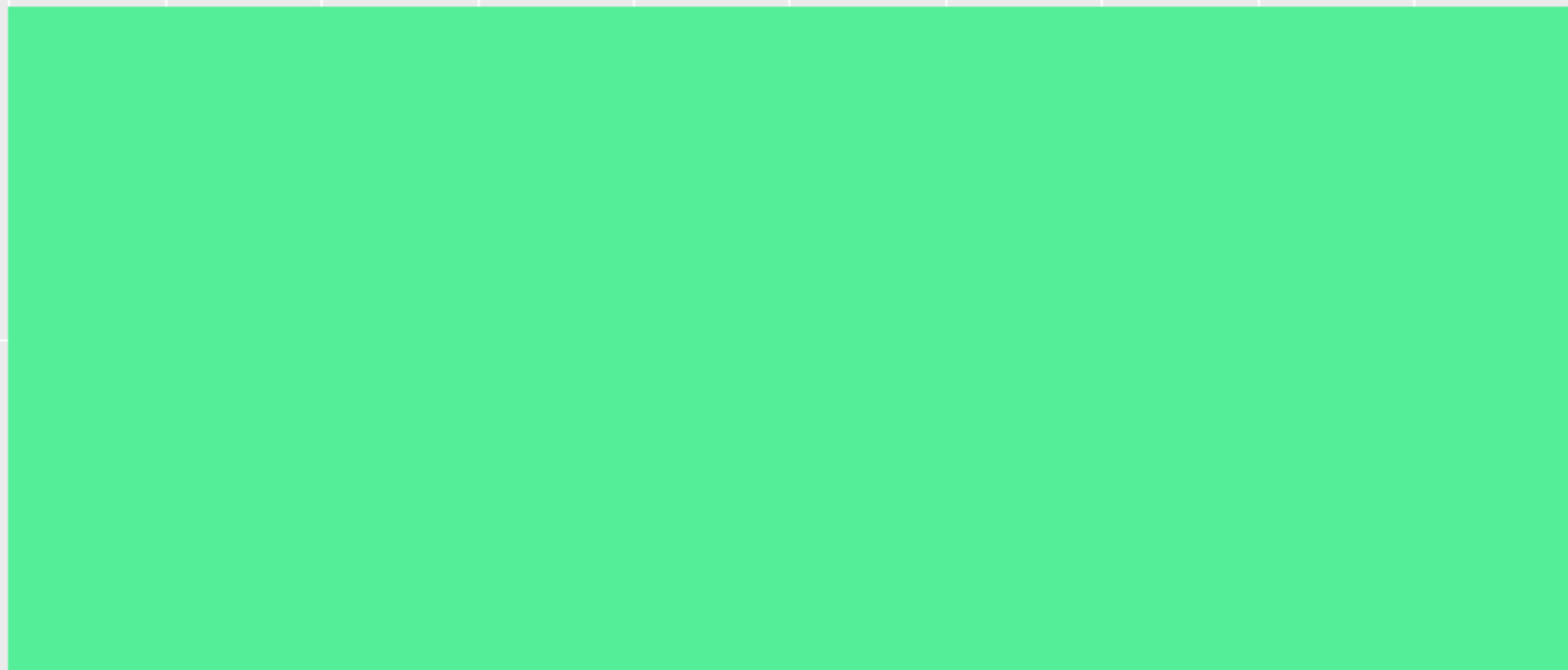
1.0

1.5

2.0

2.5

Functional Enrichment



regulation of organelle organization
Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 20/22

Cluster 7/22

0

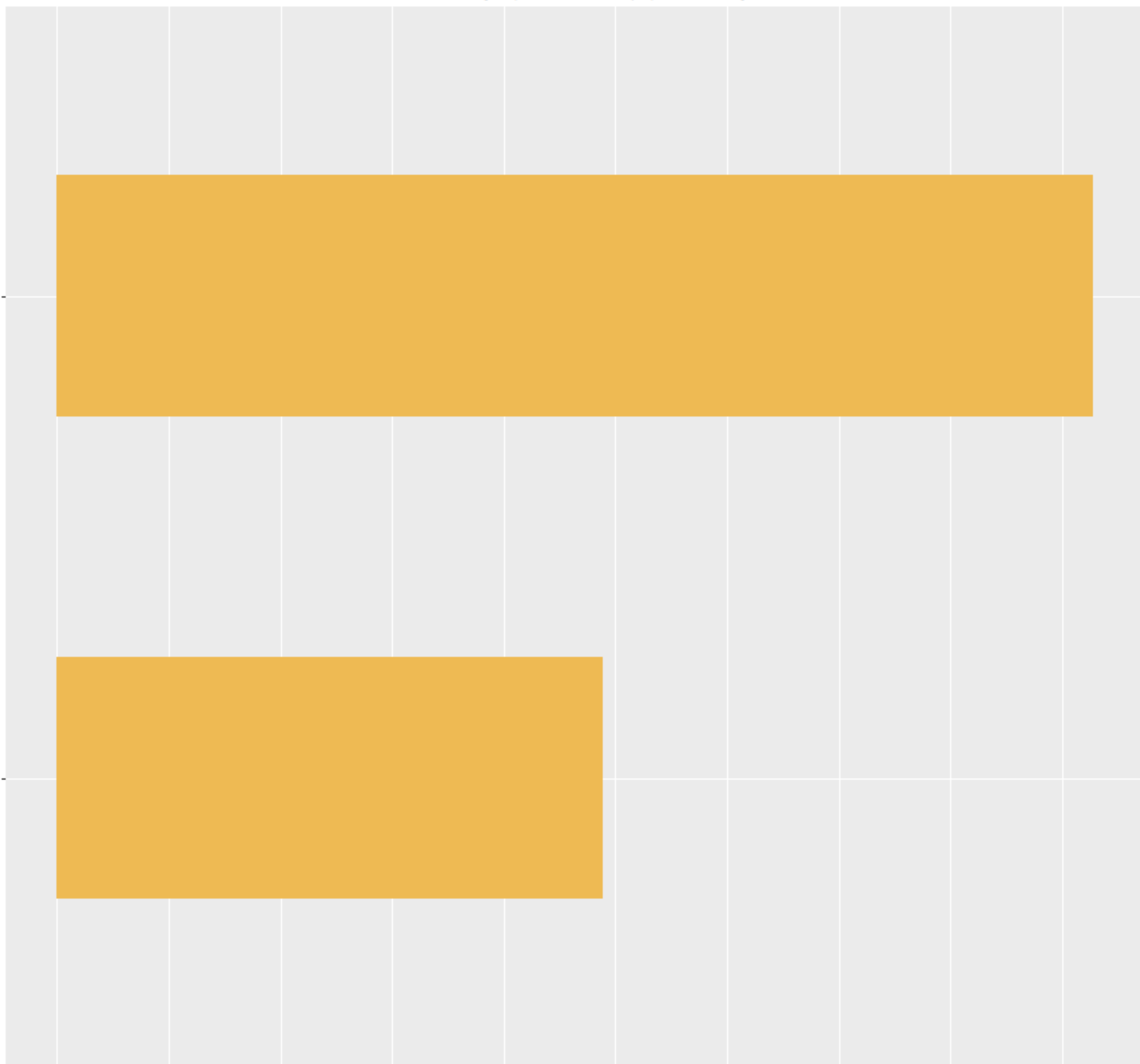
1

2

3

4

Functional Enrichment



regulation of organelle organization

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



regulation of protein modification process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0.0

0.5

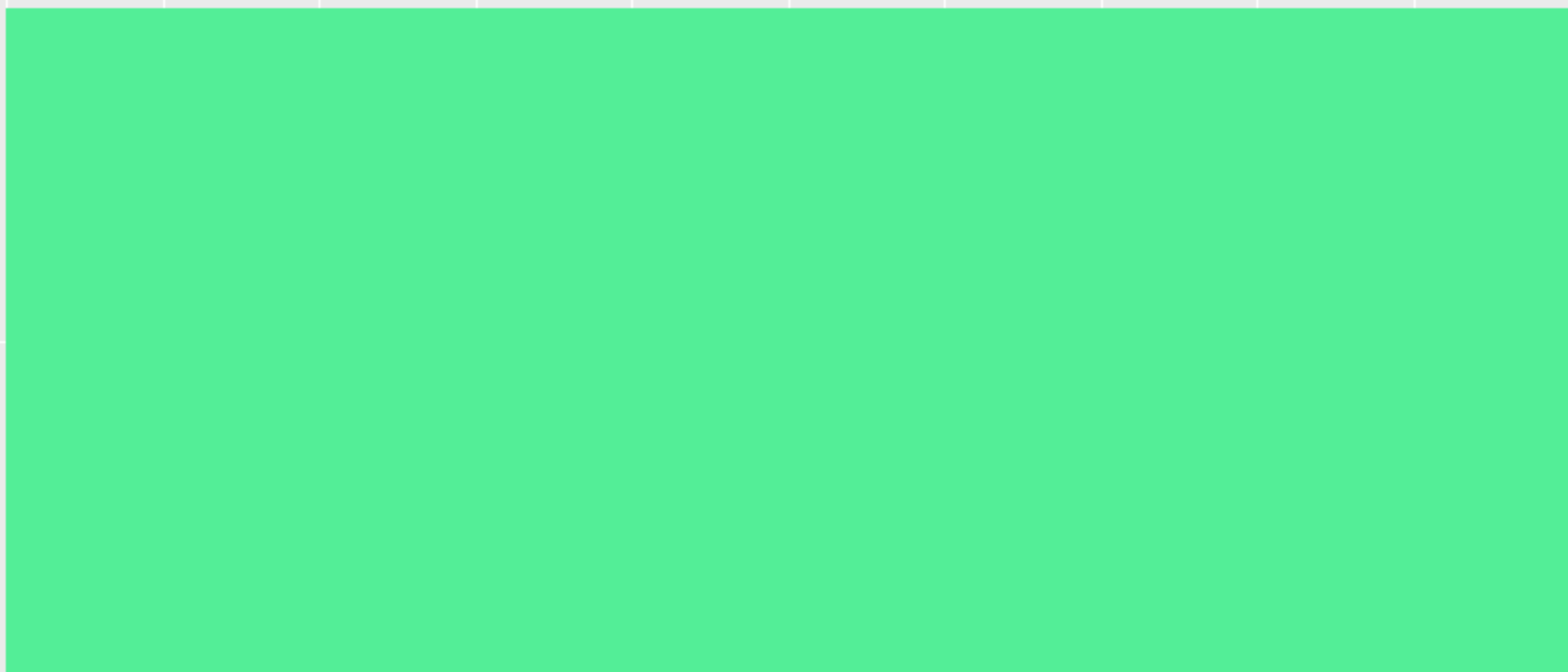
1.0

1.5

2.0

2.5

Functional Enrichment



regulation of protein modification process

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0.0

0.5

Functional Enrichment

1.0

1.5

2.0



regulation of protein modification process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



regulation of translation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 21/42

0

1

2

3

4

Functional Enrichment



regulation of translation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 37/42

0

1

2

3

4

Functional Enrichment



regulation of transport

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

Cluster 41/42

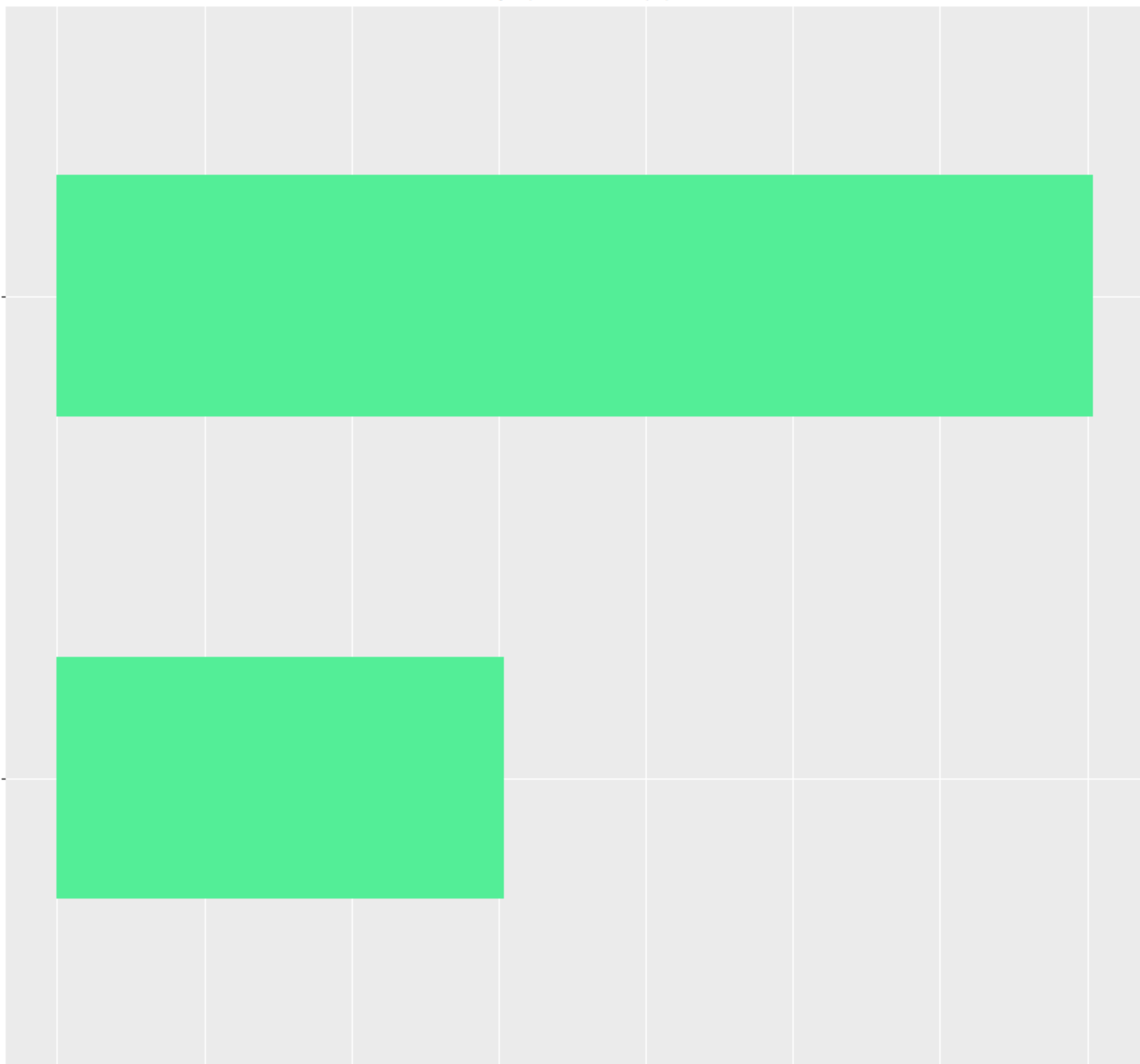
0

2

4

6

Functional Enrichment



regulation of transport

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

2

4

6

Functional Enrichment



regulation of transport

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 34/42

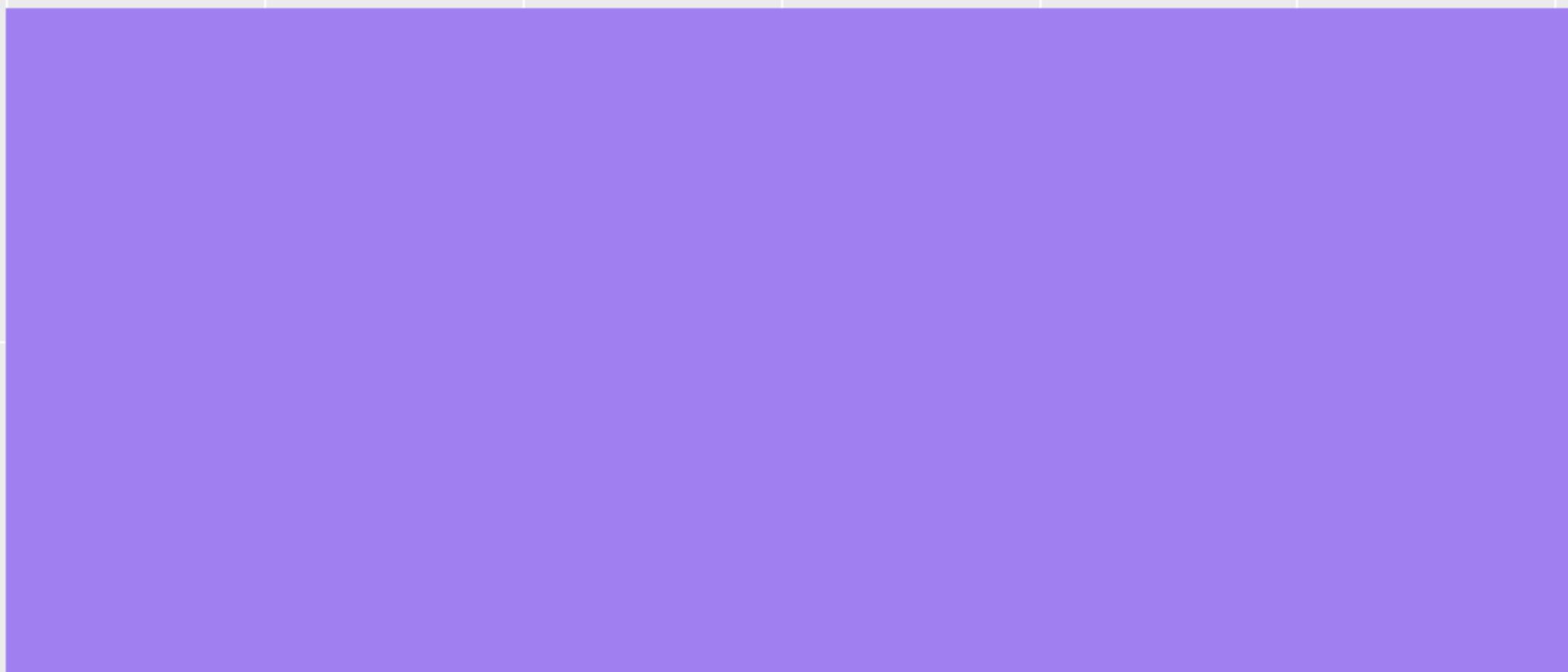
0

1

2

3

Functional Enrichment



response to chemical

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 20/24

0

1

2

Functional Enrichment



response to starvation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 28/42

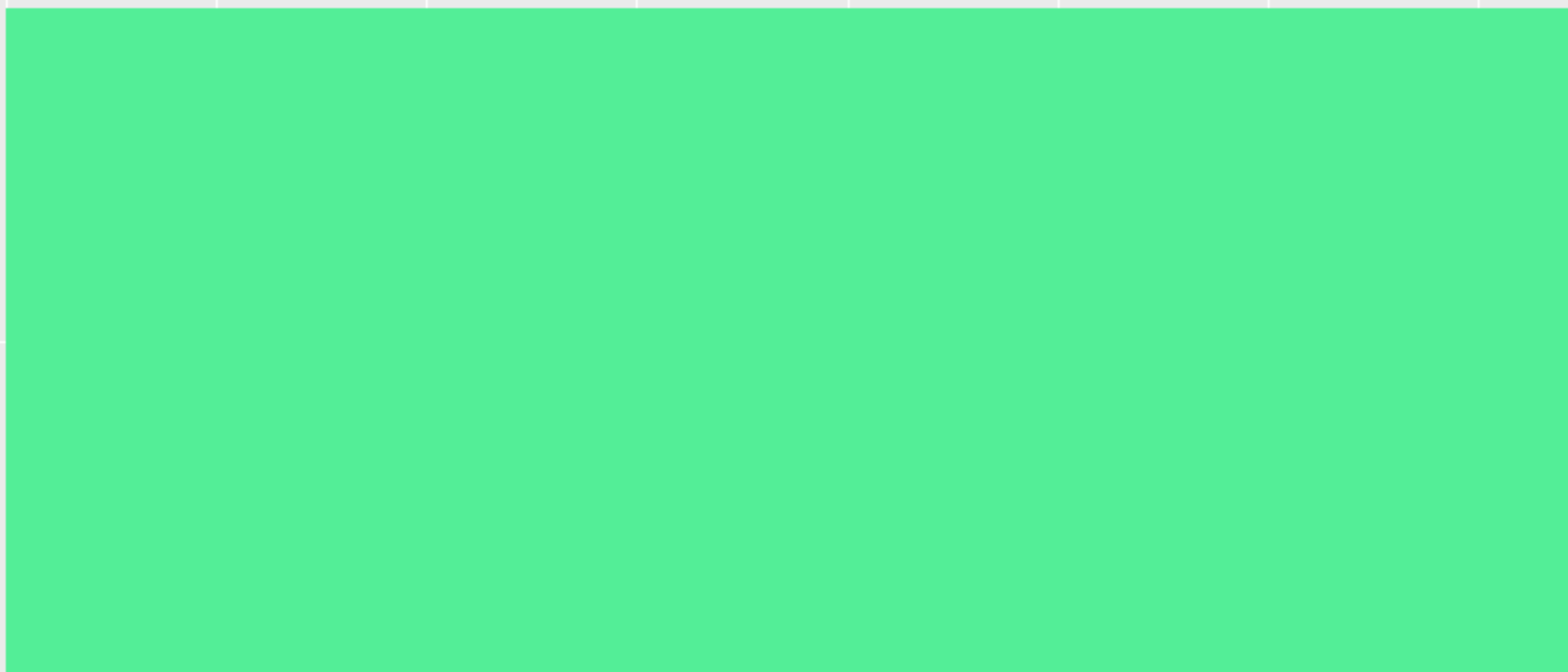
0

5

10

15

Functional Enrichment



response to starvation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 21/42

0

5

10

15

Functional Enrichment



response to starvation

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 4/24

0

5

10

15

20

Functional Enrichment



ribosomal large subunit biogenesis

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/42

Cluster 17/42

0

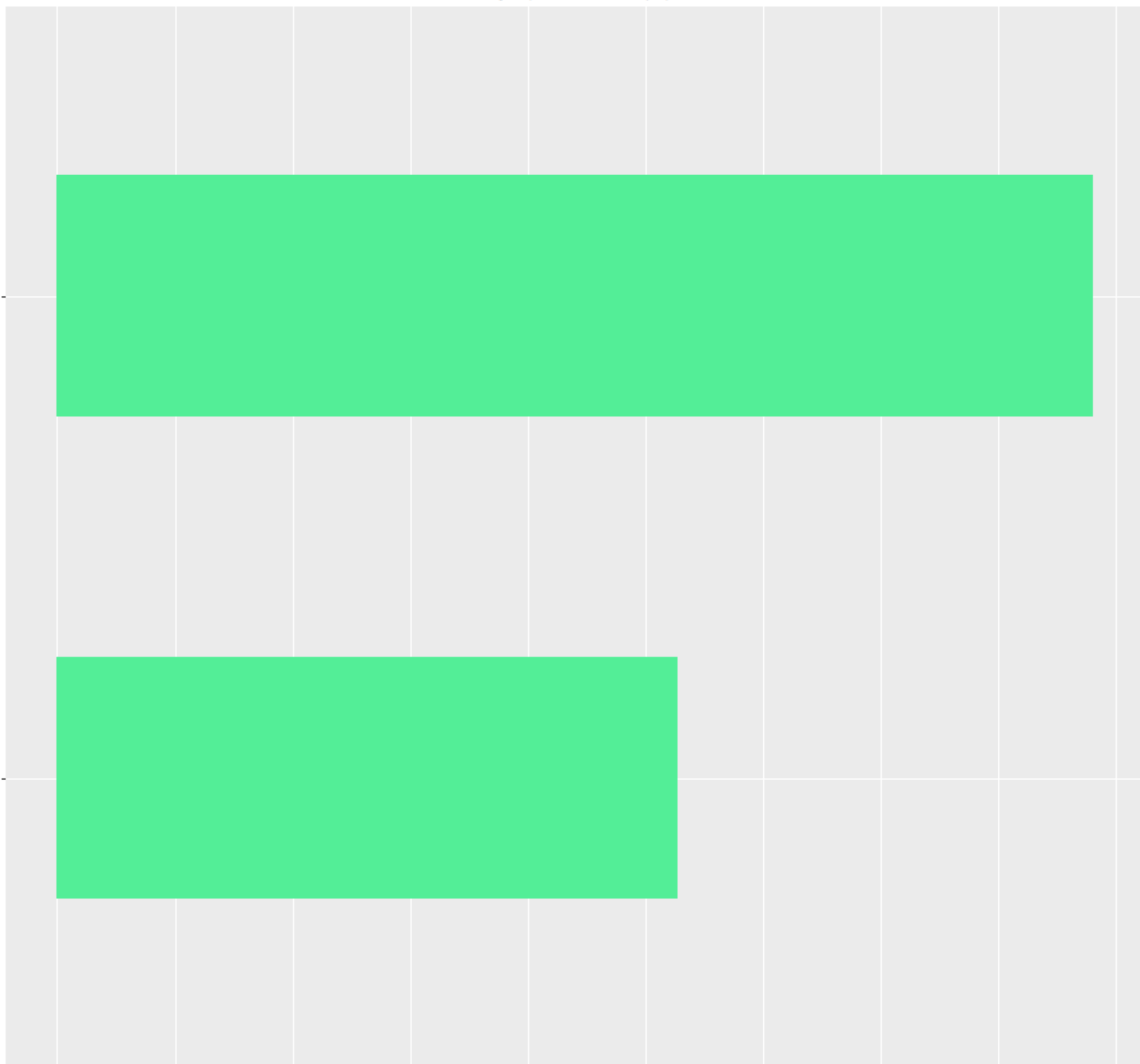
1

2

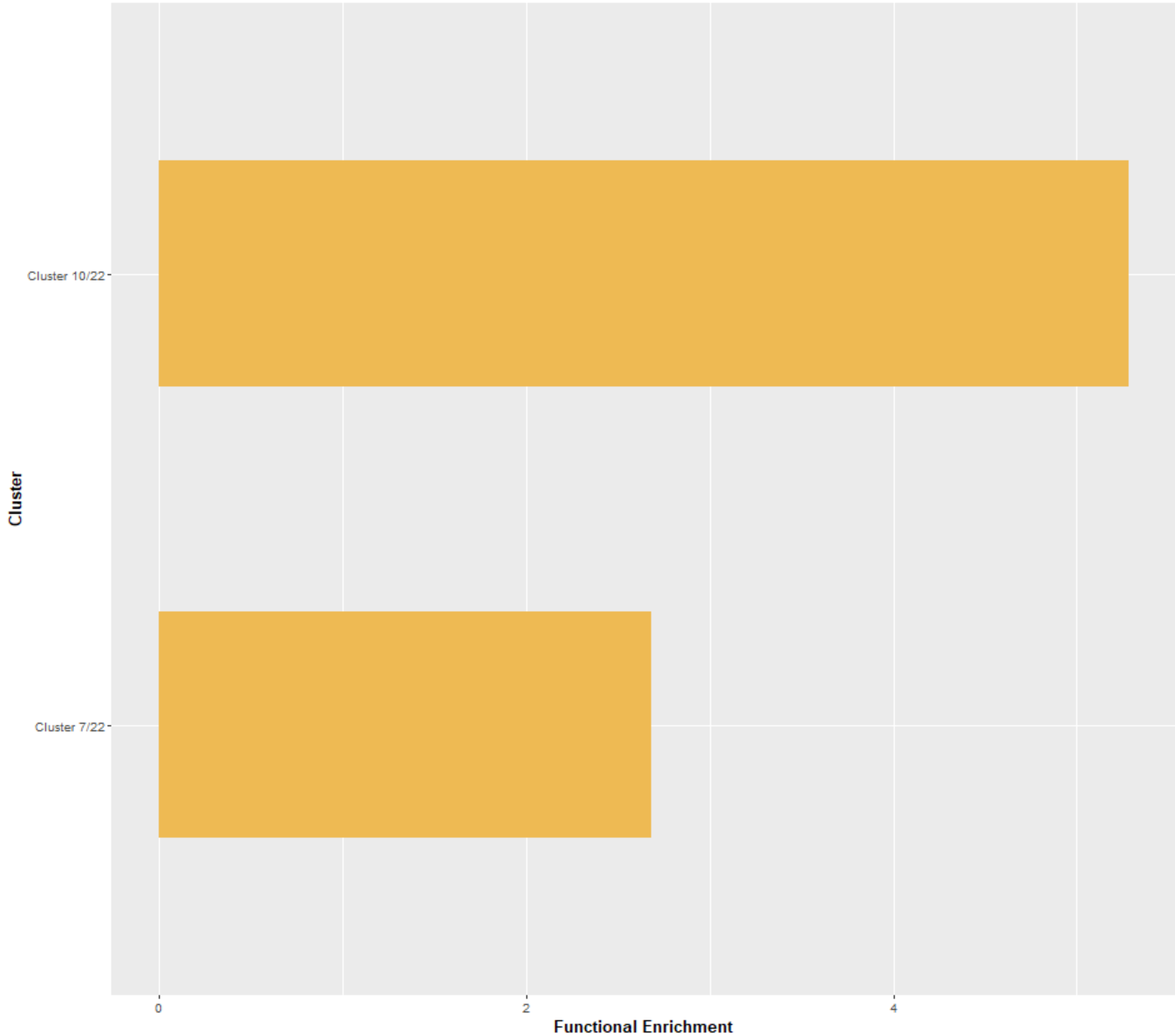
3

4

Functional Enrichment



ribosomal large subunit biogenesis
Without CellCycle | Without AreaShape | Essential Only



ribosomal large subunit biogenesis

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 19/42

0

1

2

3

4

Functional Enrichment



ribosomal large subunit biogenesis

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 23/24

0

5

10

Functional Enrichment



ribosomal small subunit biogenesis
Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 14/22

0

5

10

Functional Enrichment



ribosomal subunit export from nucleus

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/42

Cluster 17/42

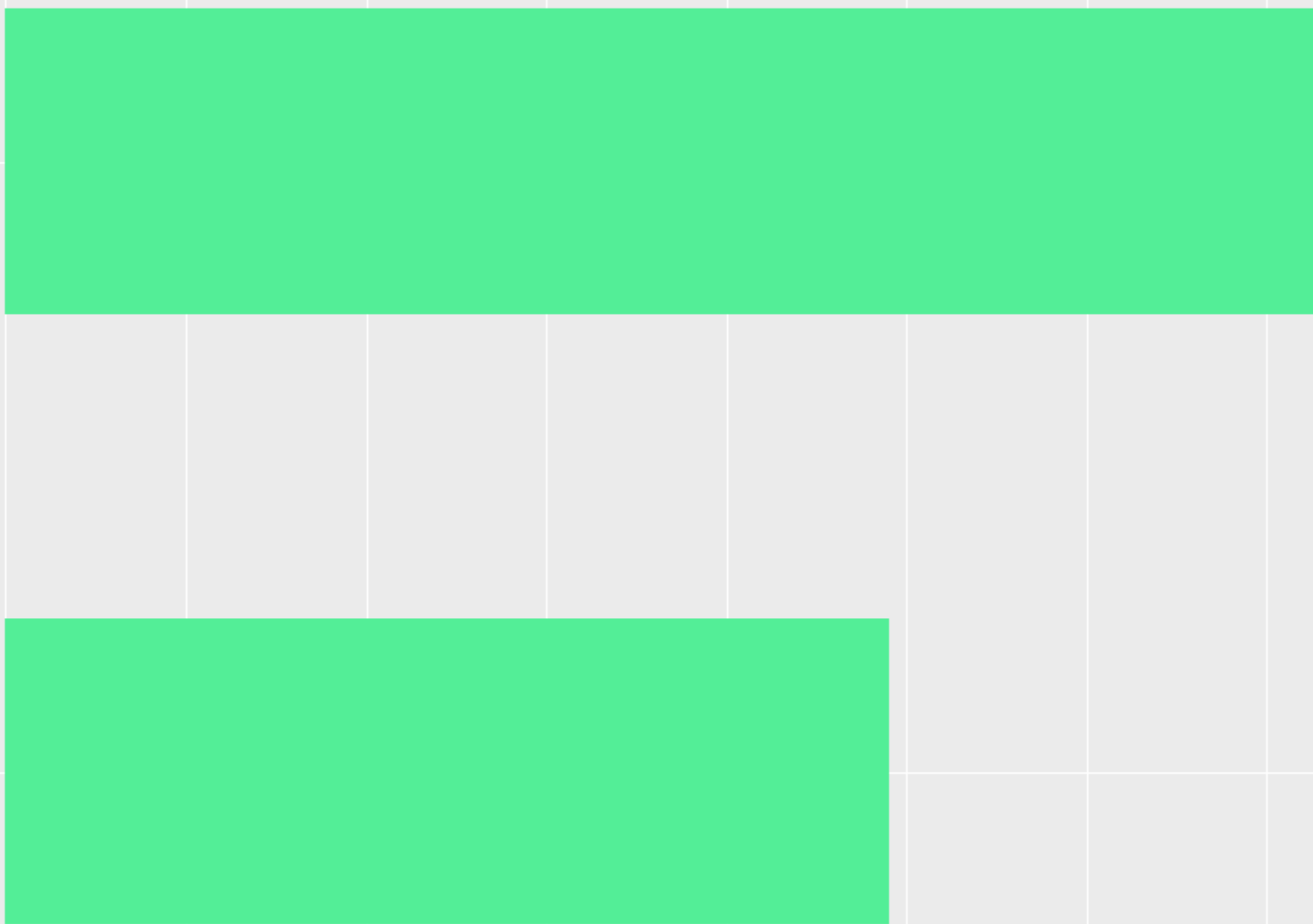
0

3

6

9

Functional Enrichment



ribosomal subunit export from nucleus

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

Cluster 7/22

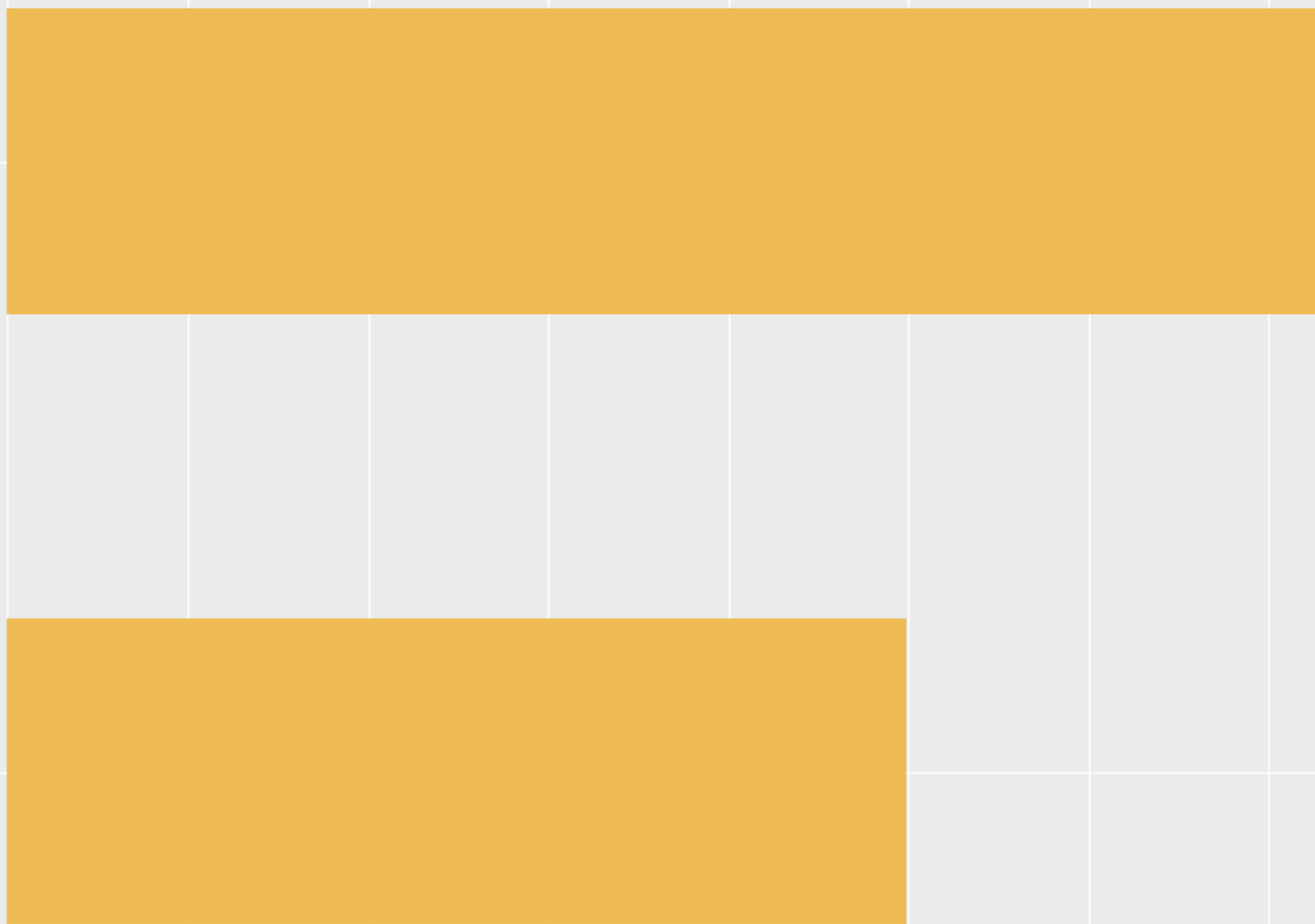
0

3

6

9

Functional Enrichment



ribosomal subunit export from nucleus

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 19/42

Cluster 17/42

0.0

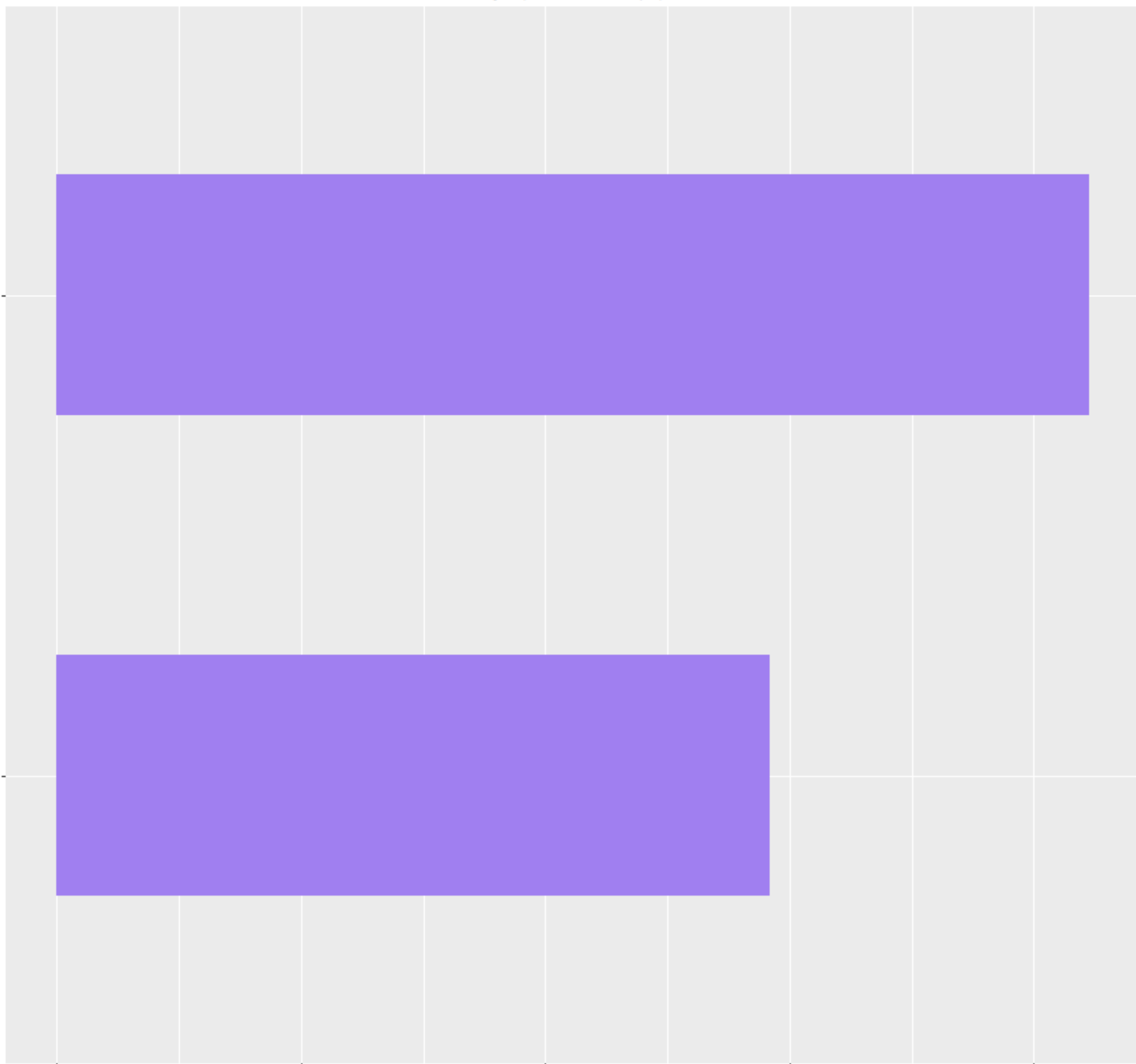
2.5

5.0

7.5

10.0

Functional Enrichment



RNA catabolic process

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

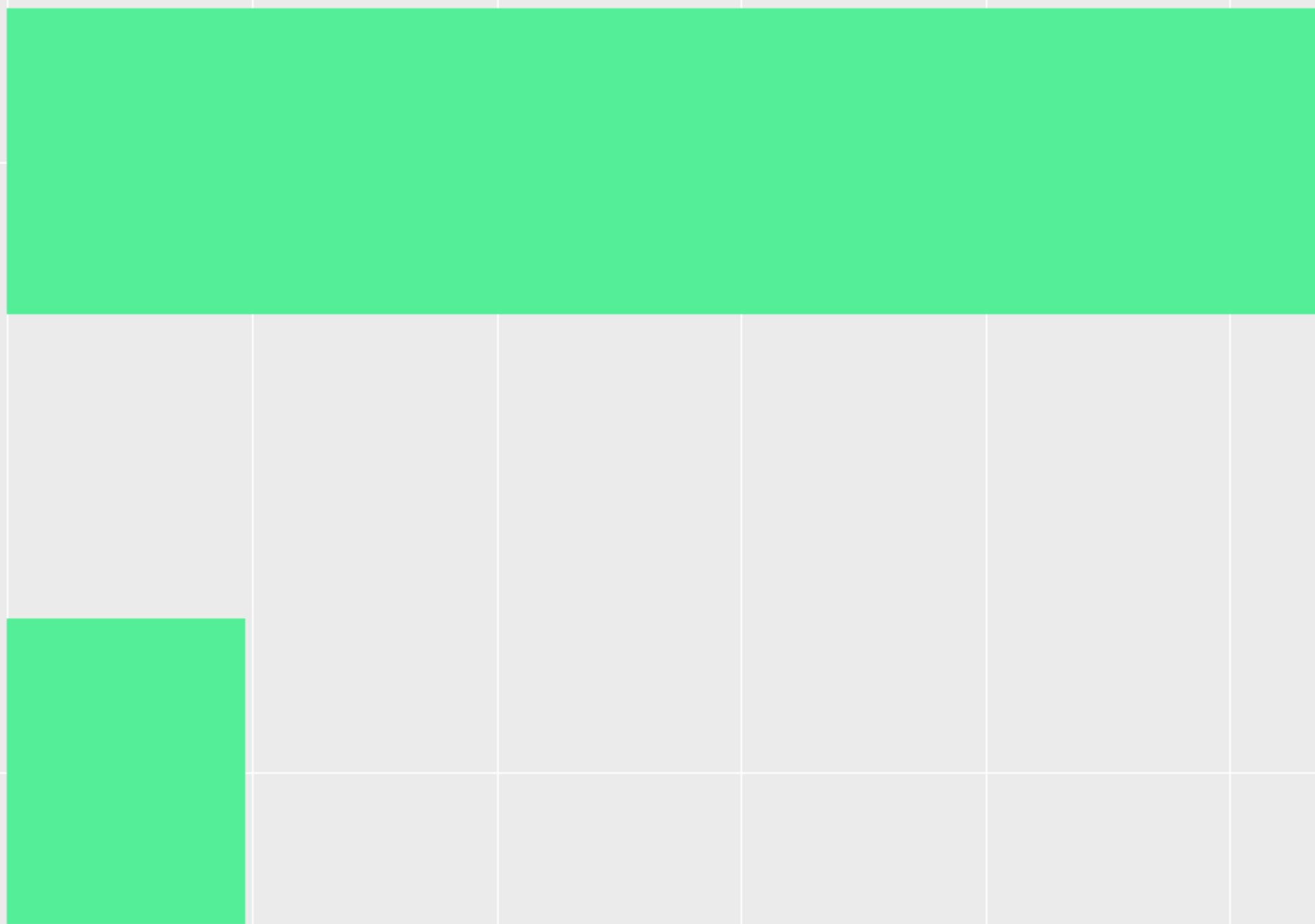
Cluster 17/42

0

5

10

Functional Enrichment



RNA catabolic process

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0.0

0.5

1.0

1.5

2.0

2.5

Functional Enrichment



RNA catabolic process

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

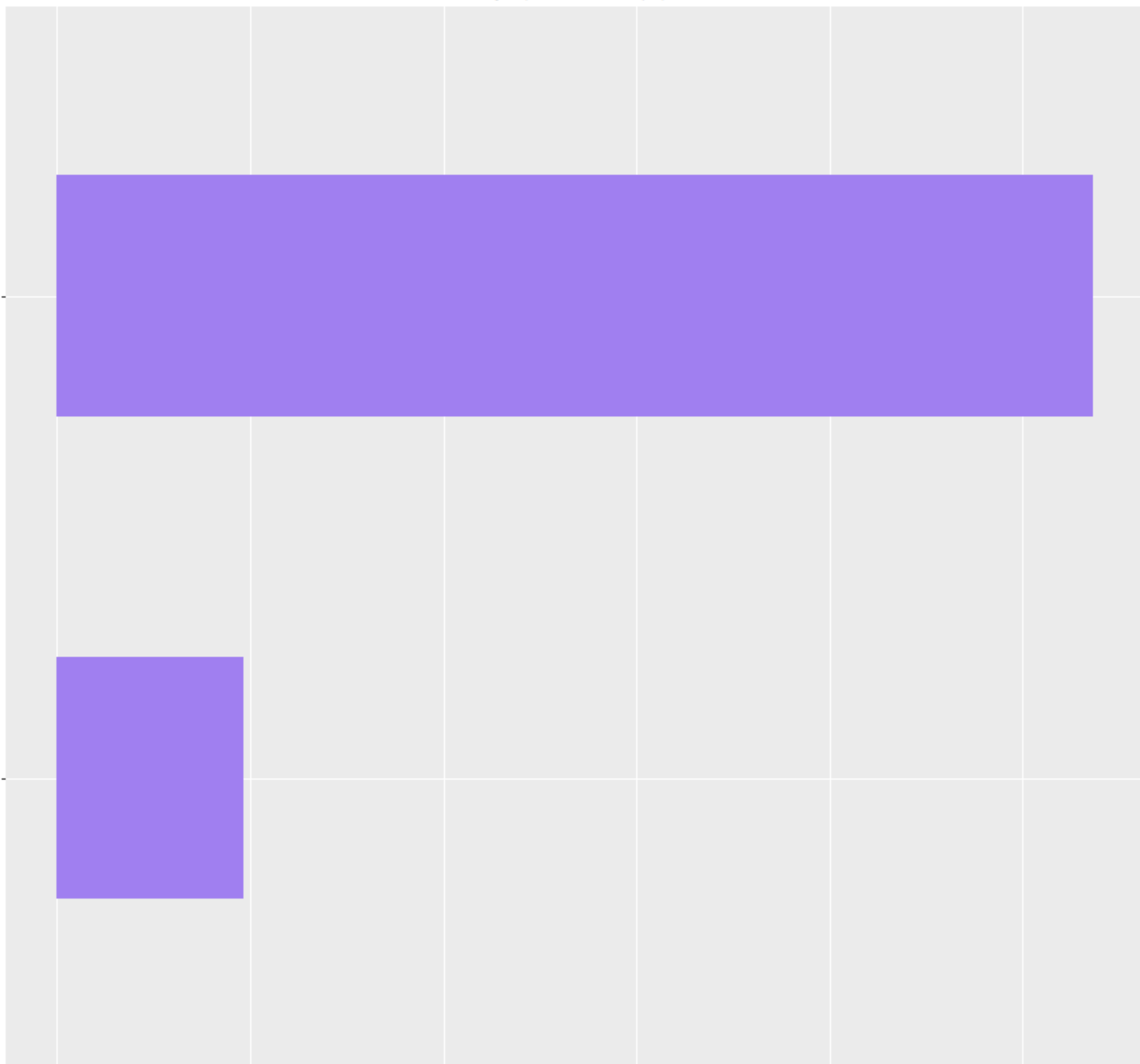
Cluster 17/42

0

5

10

Functional Enrichment



RNA catabolic process

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

5

10

Functional Enrichment



RNA splicing

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 18/42

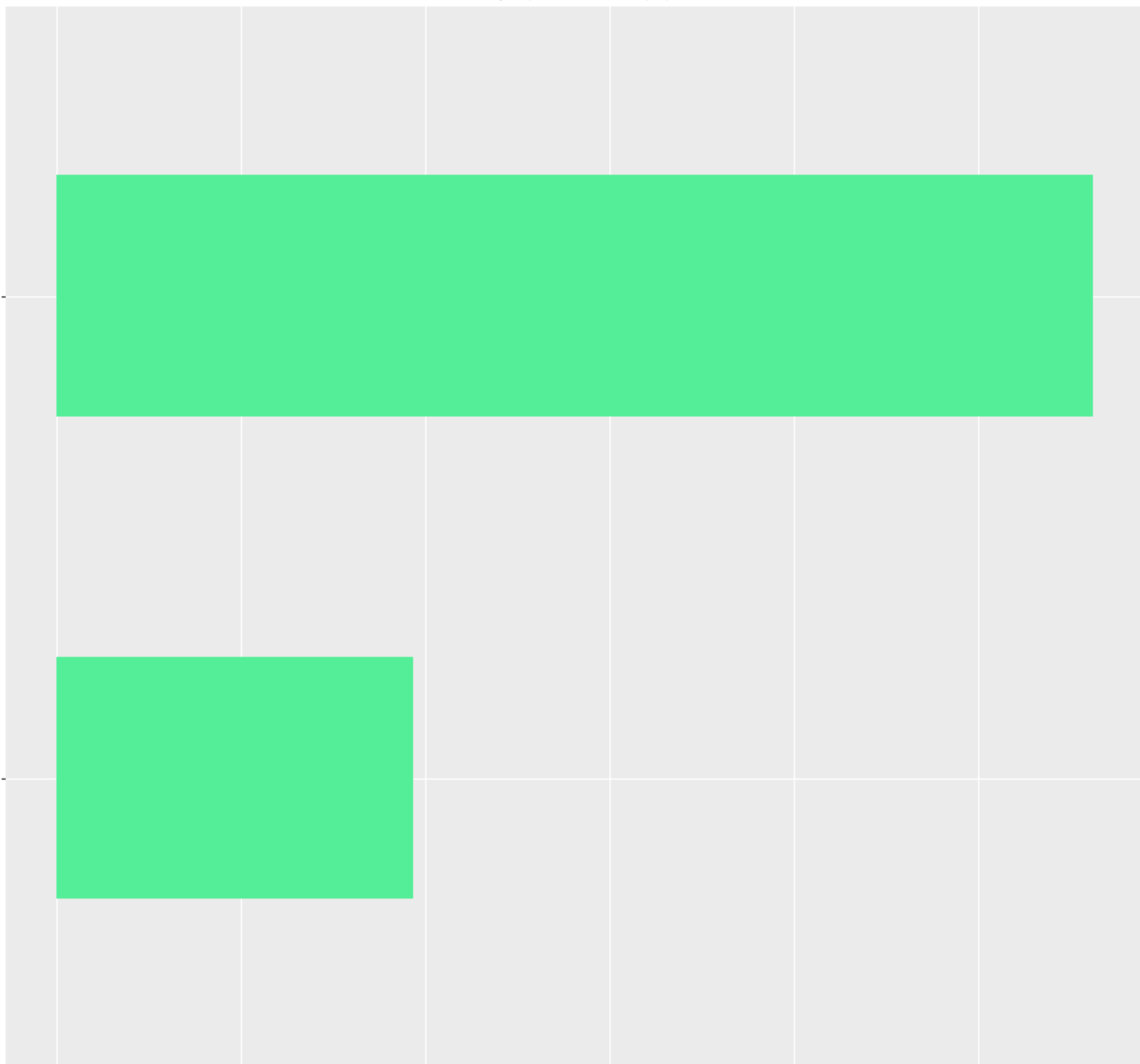
Cluster 17/42

0

5

10

Functional Enrichment



RNA splicing

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 11/22

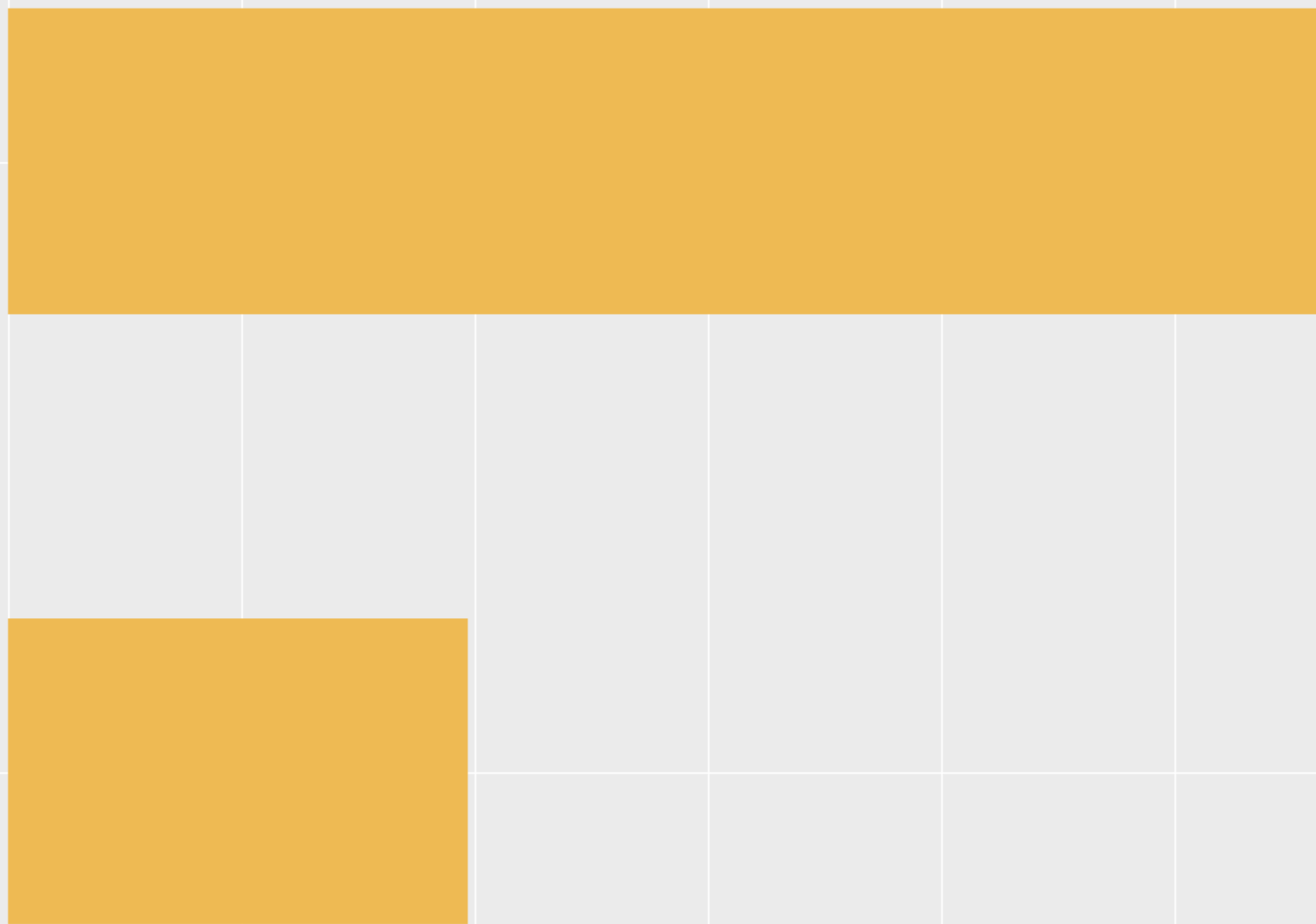
Cluster 7/22

0

5

10

Functional Enrichment



RNA splicing

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 16/42

Cluster 17/42

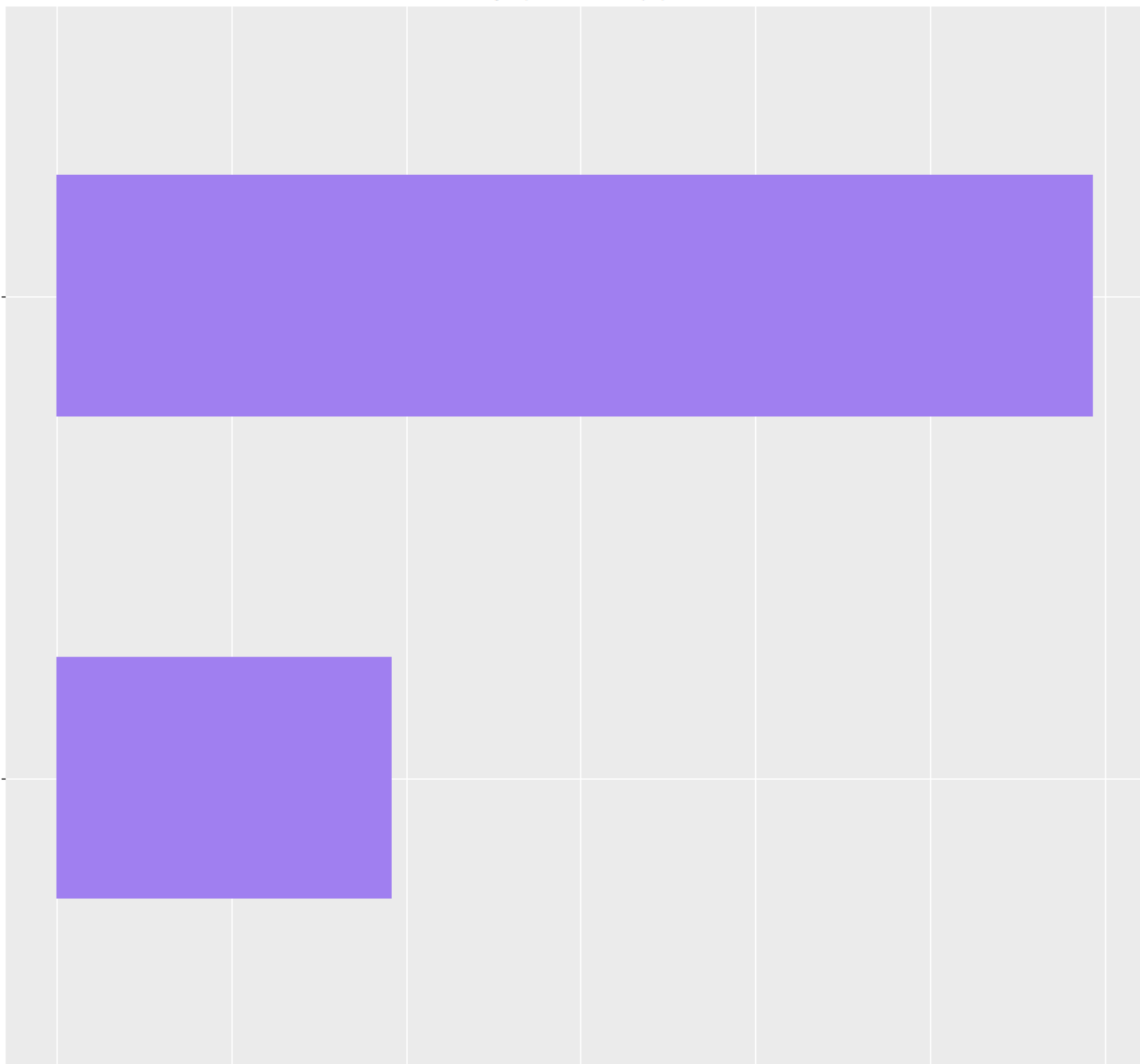
0

5

10

15

Functional Enrichment



rRNA processing

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 16/42

Cluster 17/42

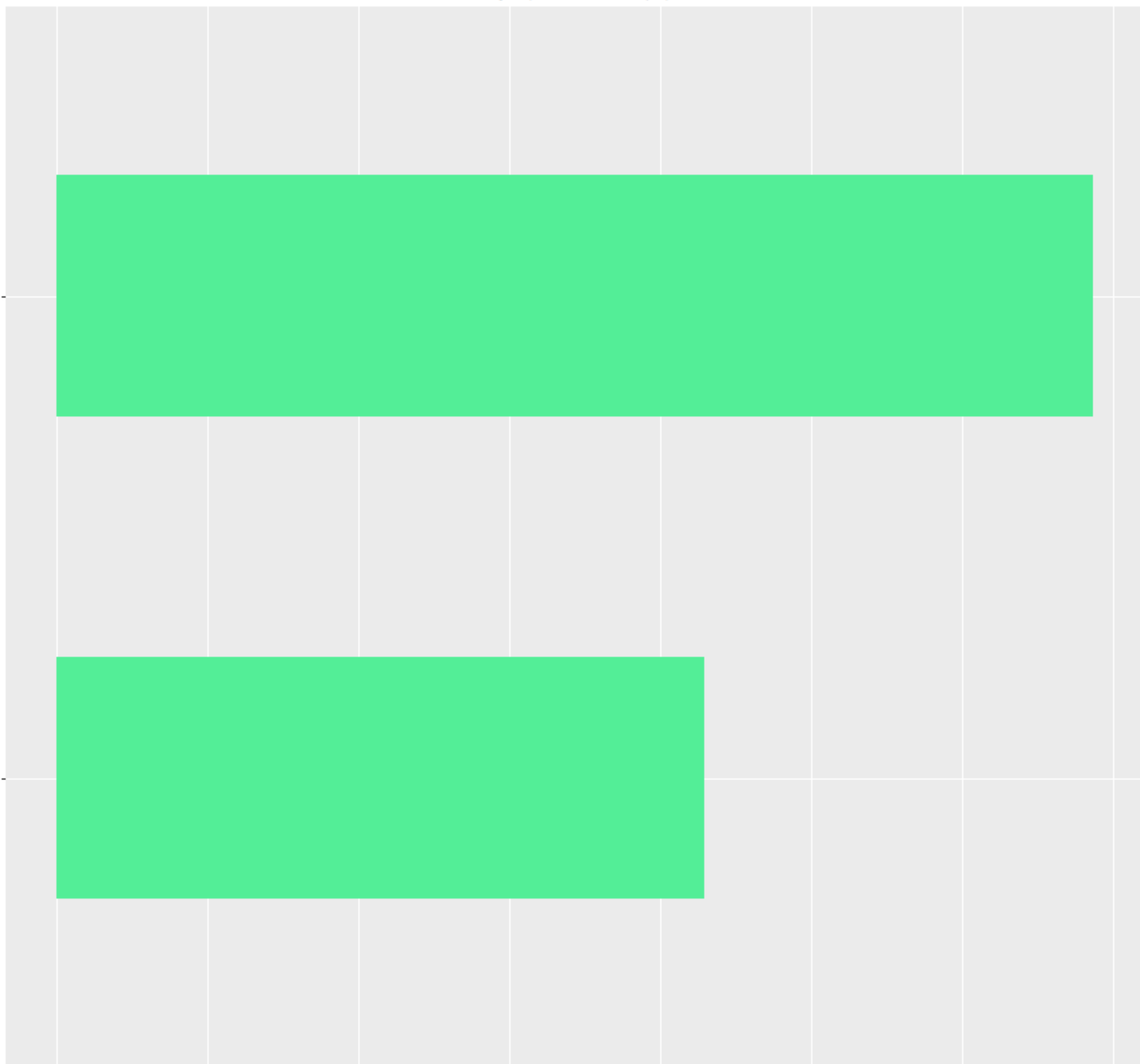
0

1

2

3

Functional Enrichment



rRNA processing

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 22/22

Cluster 10/22

Cluster 7/22

0

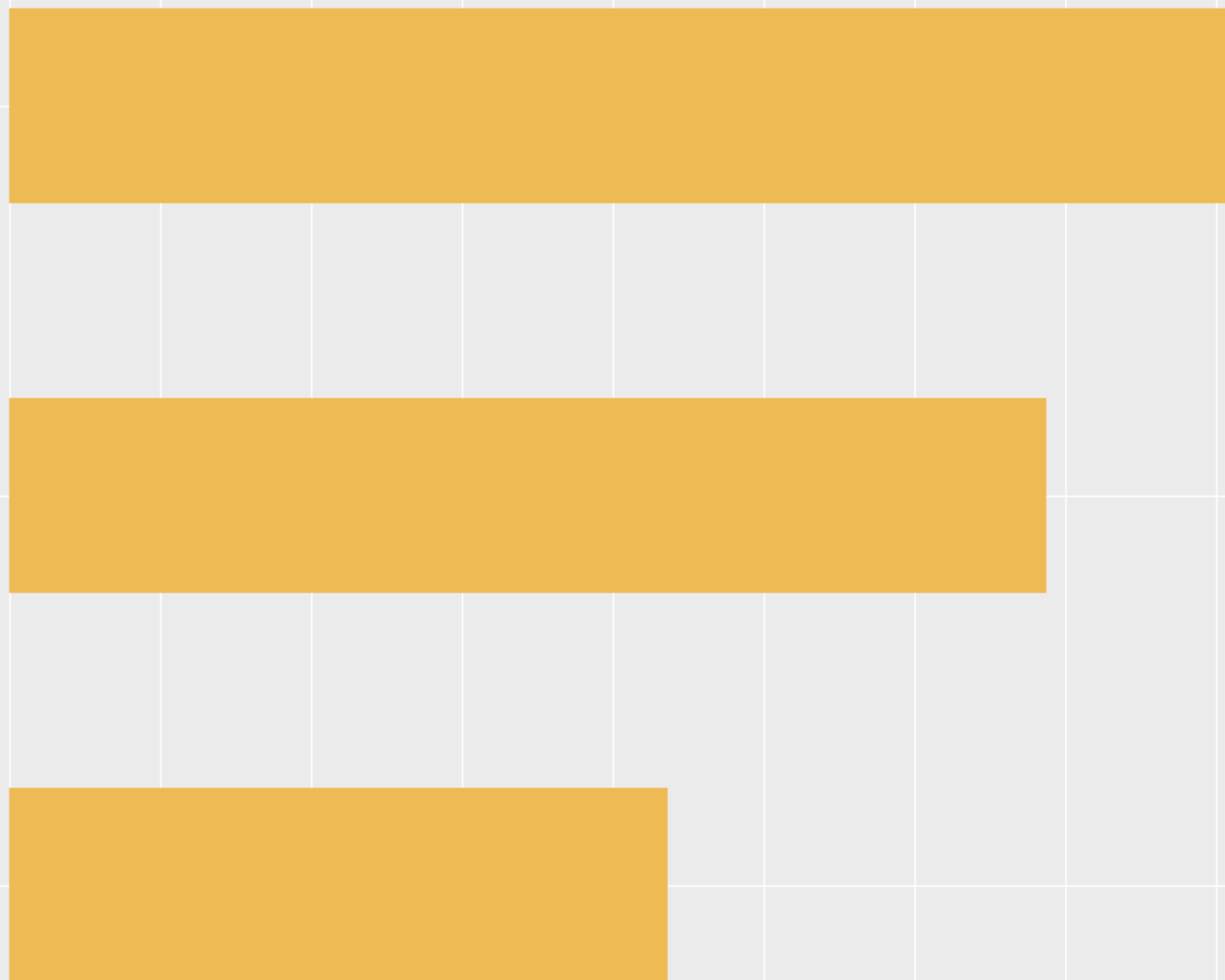
1

2

3

4

Functional Enrichment



rRNA processing

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 19/42

Cluster 17/42

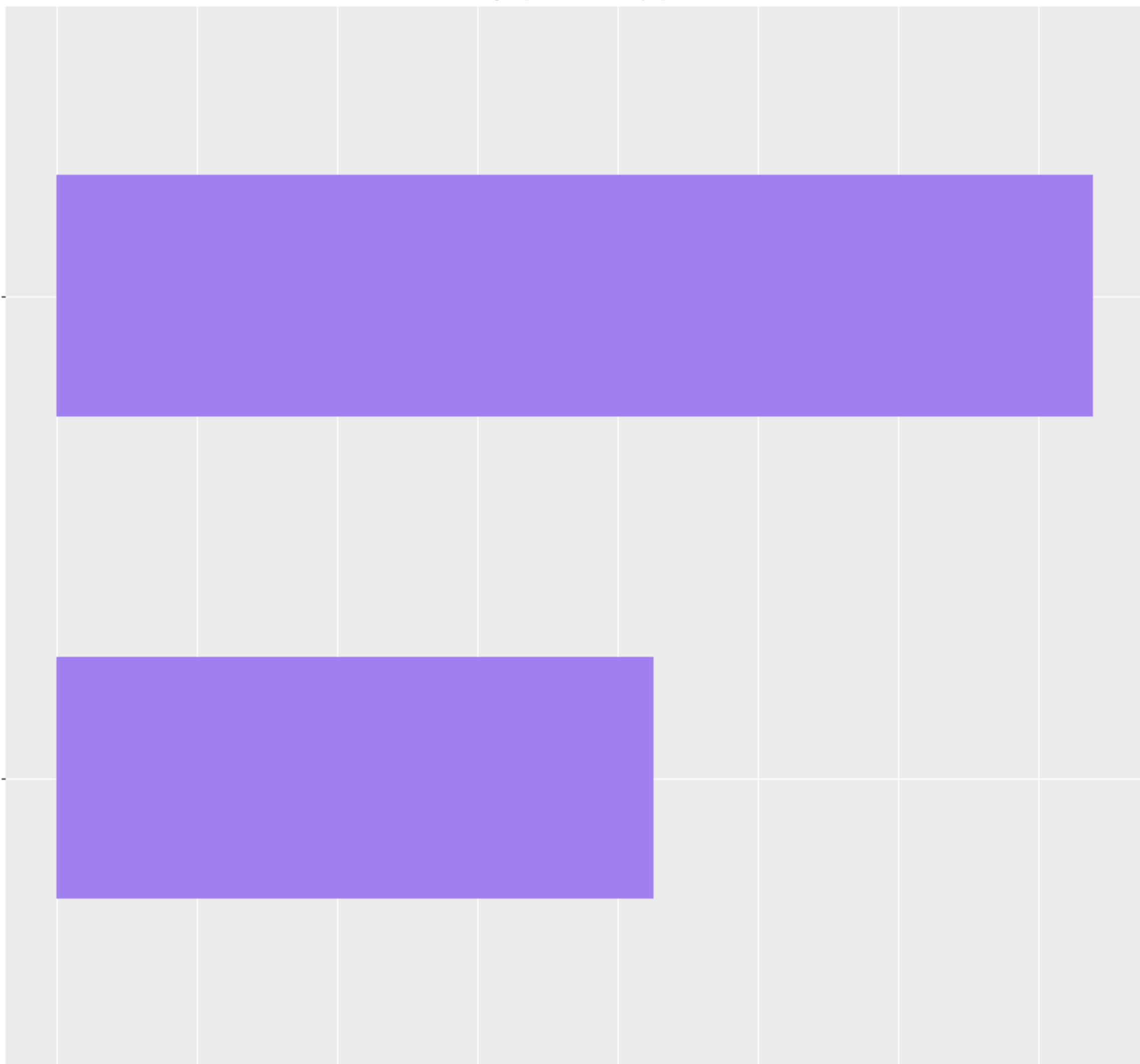
0

1

2

3

Functional Enrichment



signaling

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 42/42

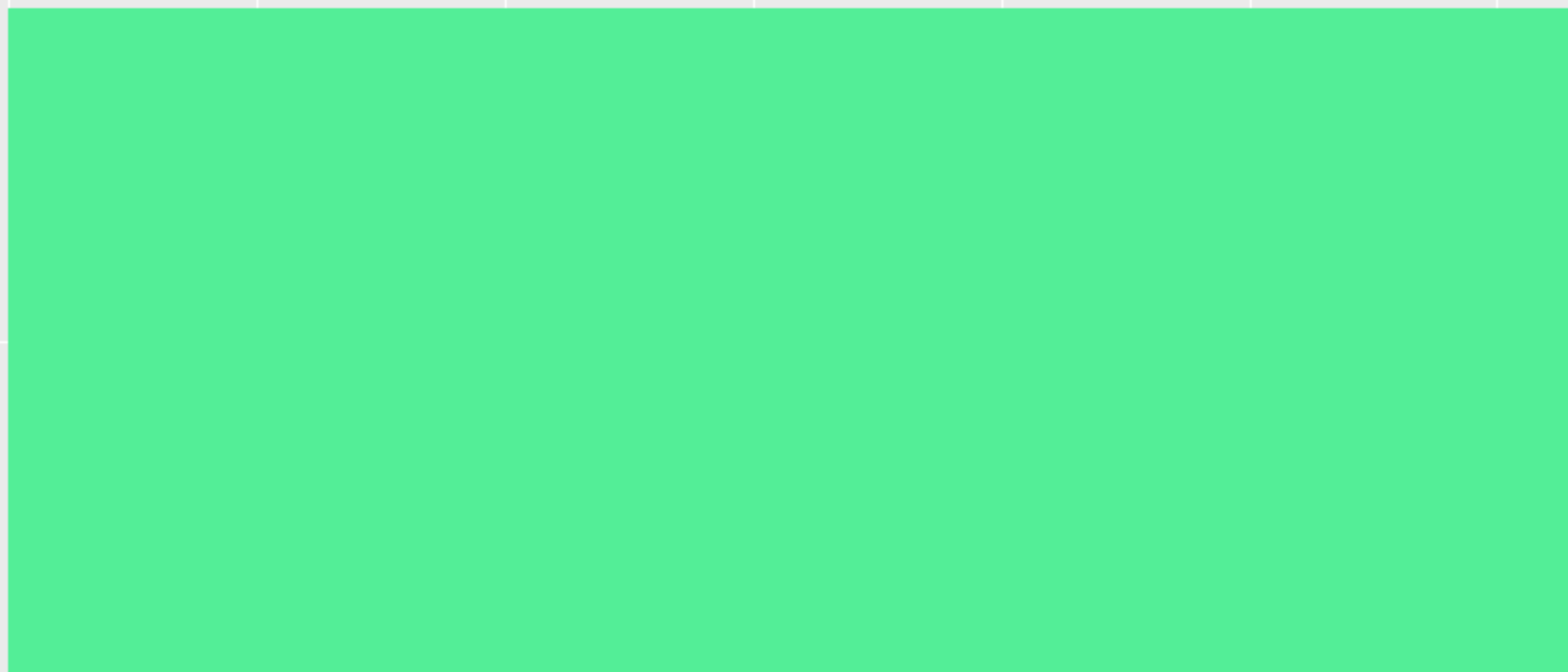
0

1

2

3

Functional Enrichment



signaling

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 35/42

0

1

2

3

Functional Enrichment



signaling

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 24/24

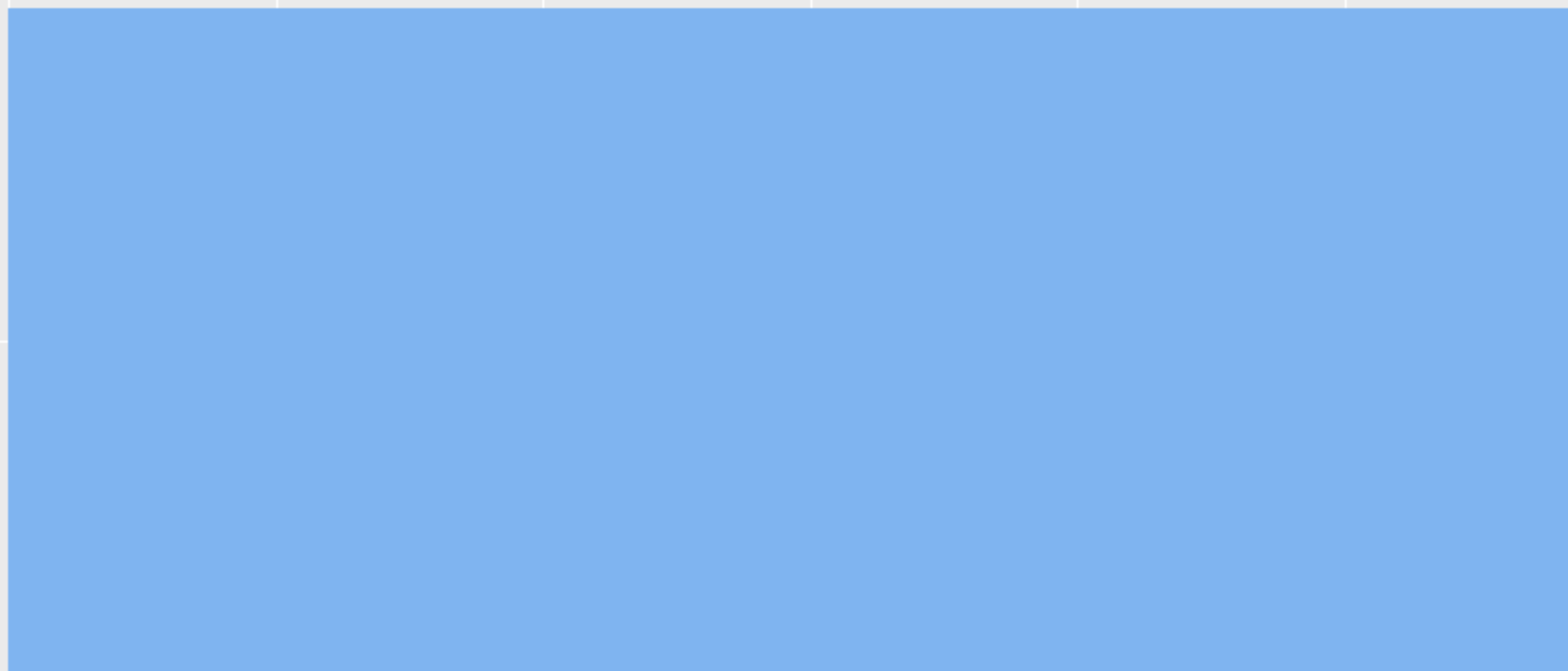
0

1

2

3

Functional Enrichment



snoRNA processing

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 17/42

0

1

2

3

4

Functional Enrichment



snoRNA processing

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 7/22

0

1

2

3

4

Functional Enrichment



snoRNA processing

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 17/42

0

1

2

3

4

Functional Enrichment



transcription from RNA polymerase I promoter

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 10/42

Cluster 37/42

0

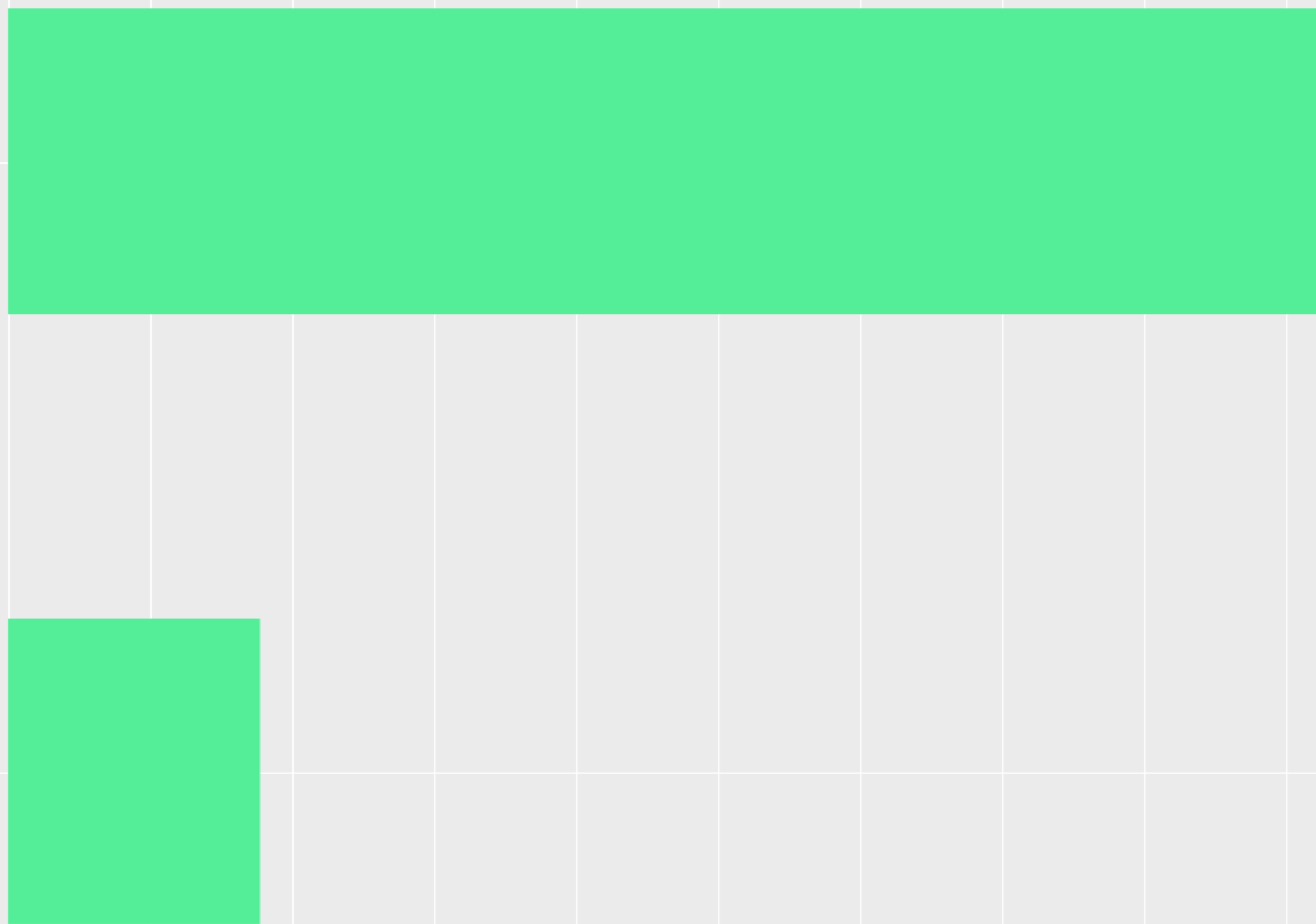
5

10

15

20

Functional Enrichment



transcription from RNA polymerase I promoter

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 9/42

Cluster 30/42

0

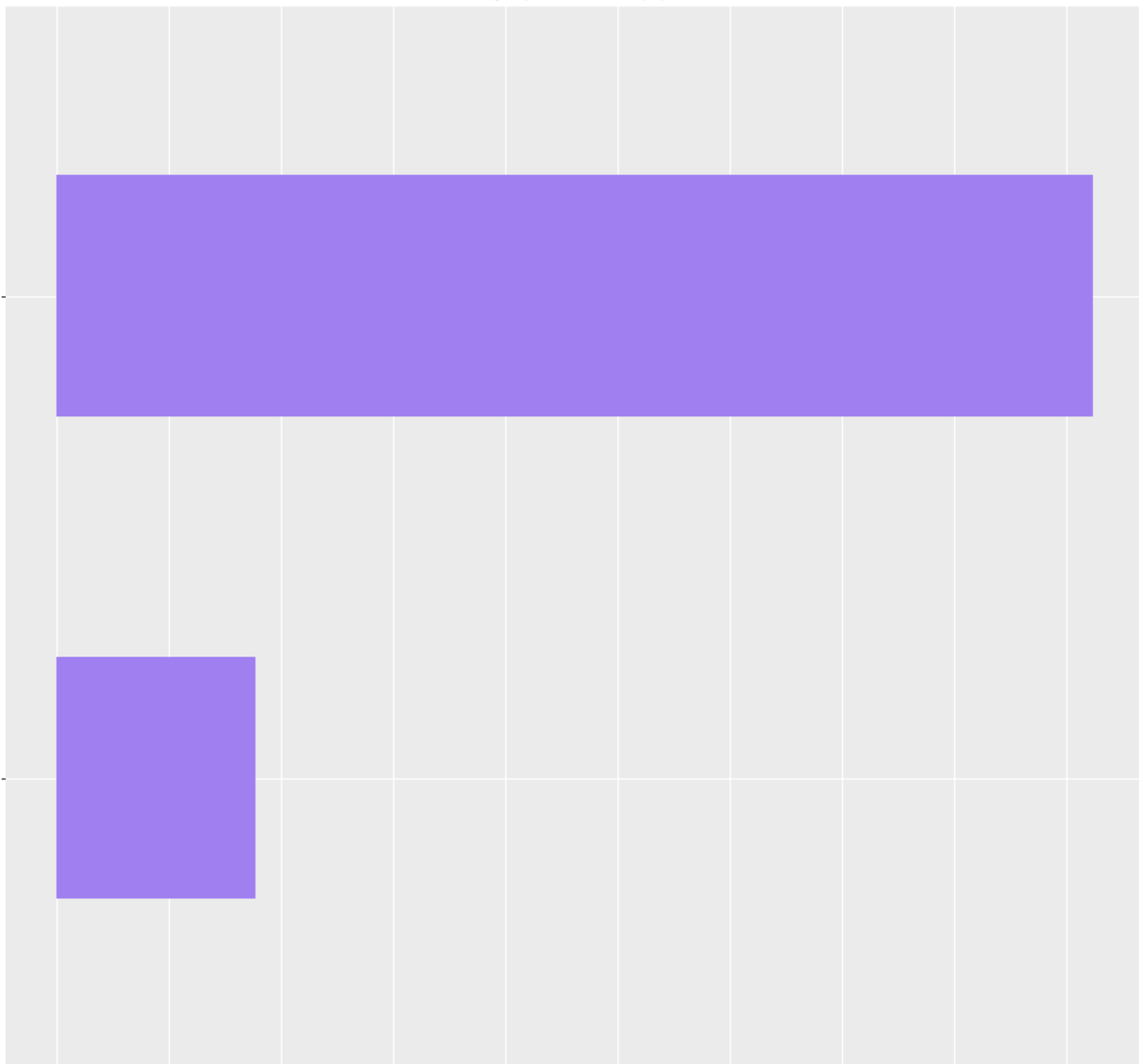
5

10

15

20

Functional Enrichment



transcription from RNA polymerase I promoter

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/24

0

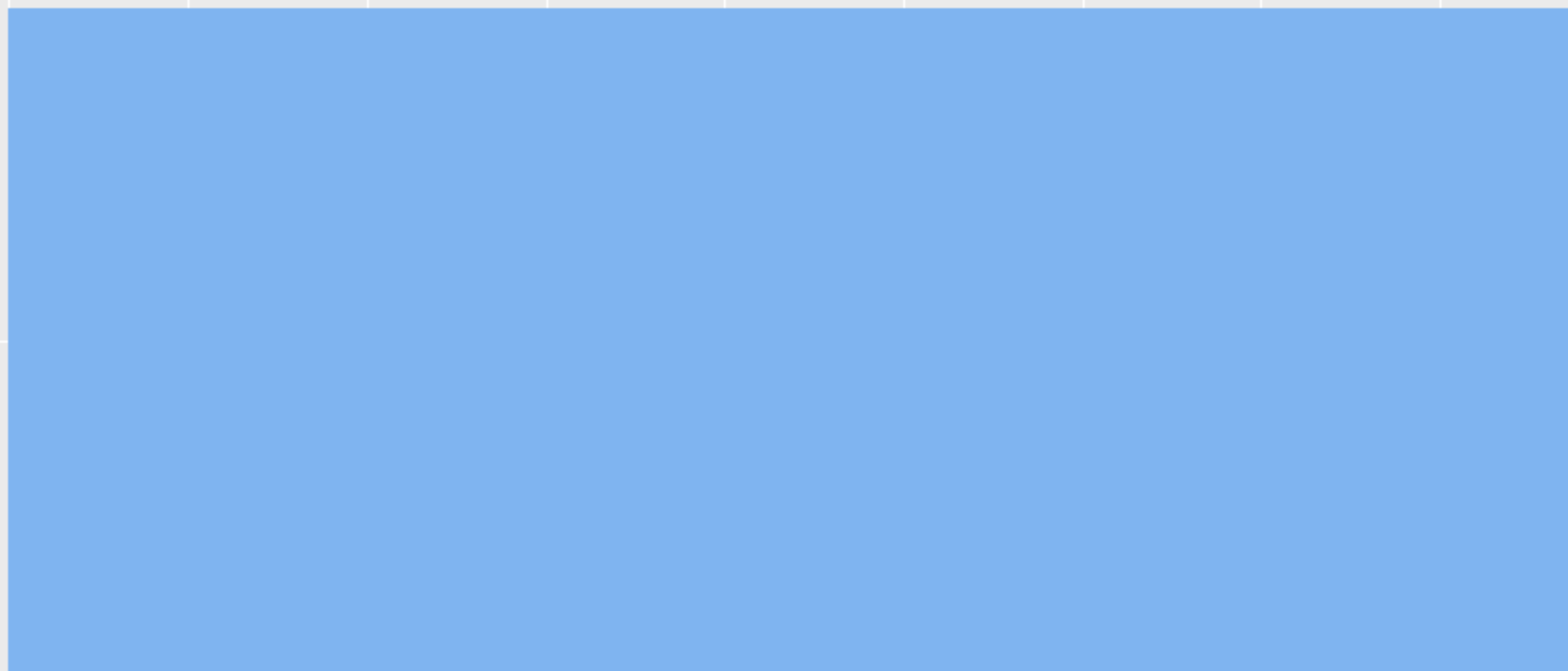
1

2

3

4

Functional Enrichment



transcription from RNA polymerase II promoter

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 23/42

Cluster 42/42

Cluster 16/42

Cluster 17/42

Cluster 37/42

0

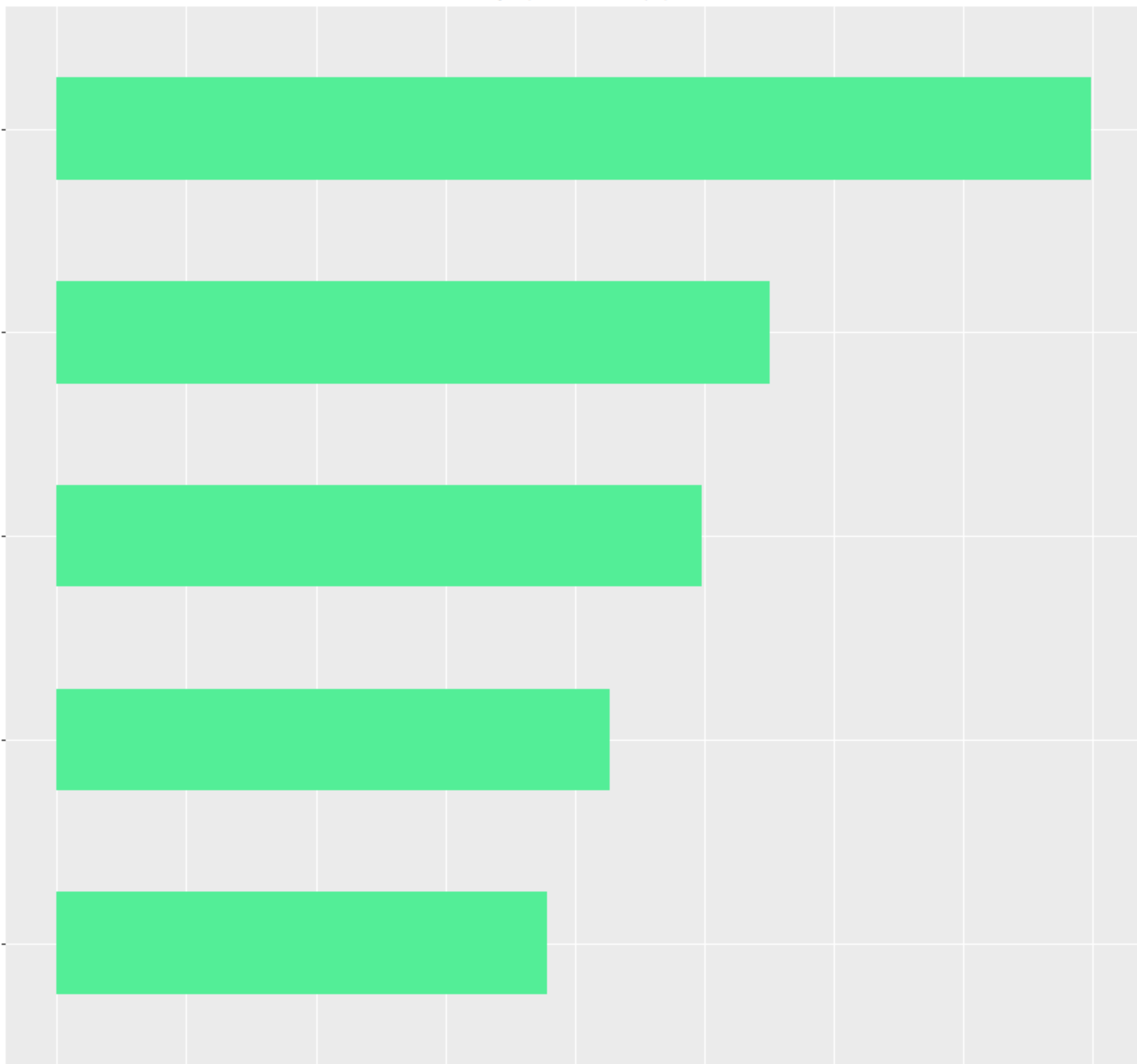
1

2

3

4

Functional Enrichment



transcription from RNA polymerase II promoter

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 10/22

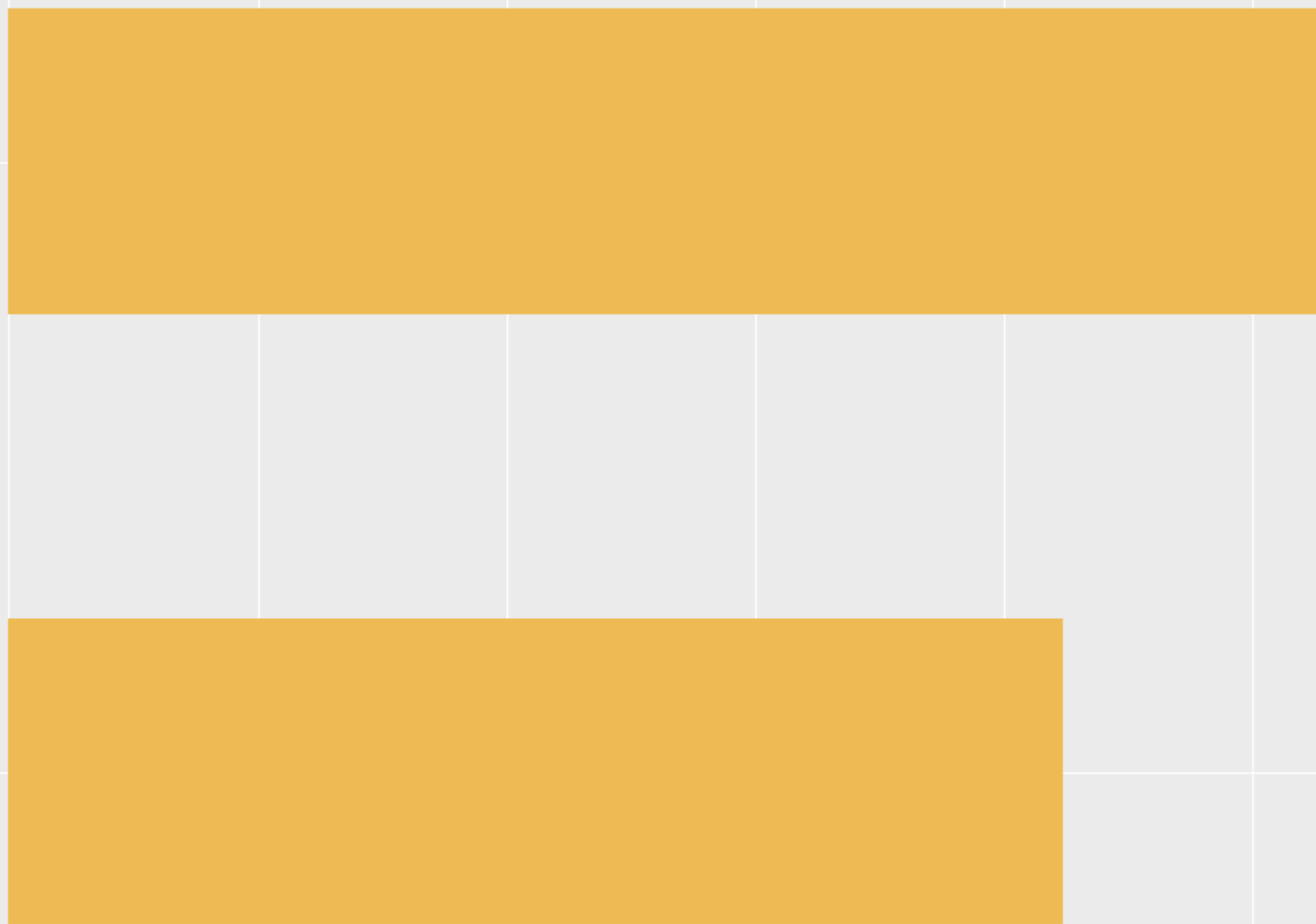
Cluster 7/22

0

1

2

Functional Enrichment



transcription from RNA polymerase II promoter

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

Cluster 35/42

Cluster 19/42

Cluster 17/42

Cluster 30/42

0

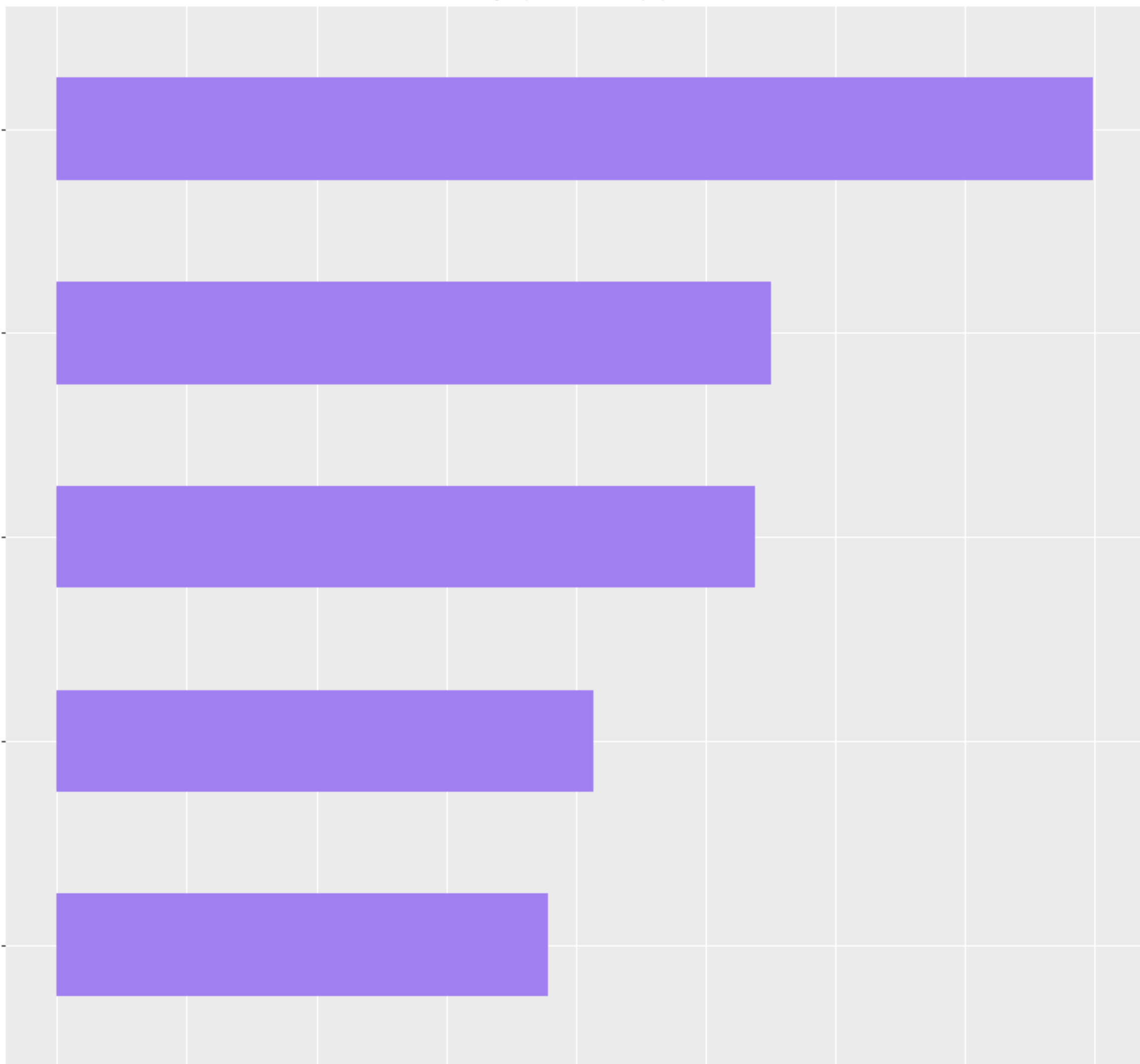
1

2

3

4

Functional Enrichment



transcription from RNA polymerase II promoter

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 18/24

0.0

0.5

1.0

1.5

Functional Enrichment



transcription from RNA polymerase III promoter

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 10/42

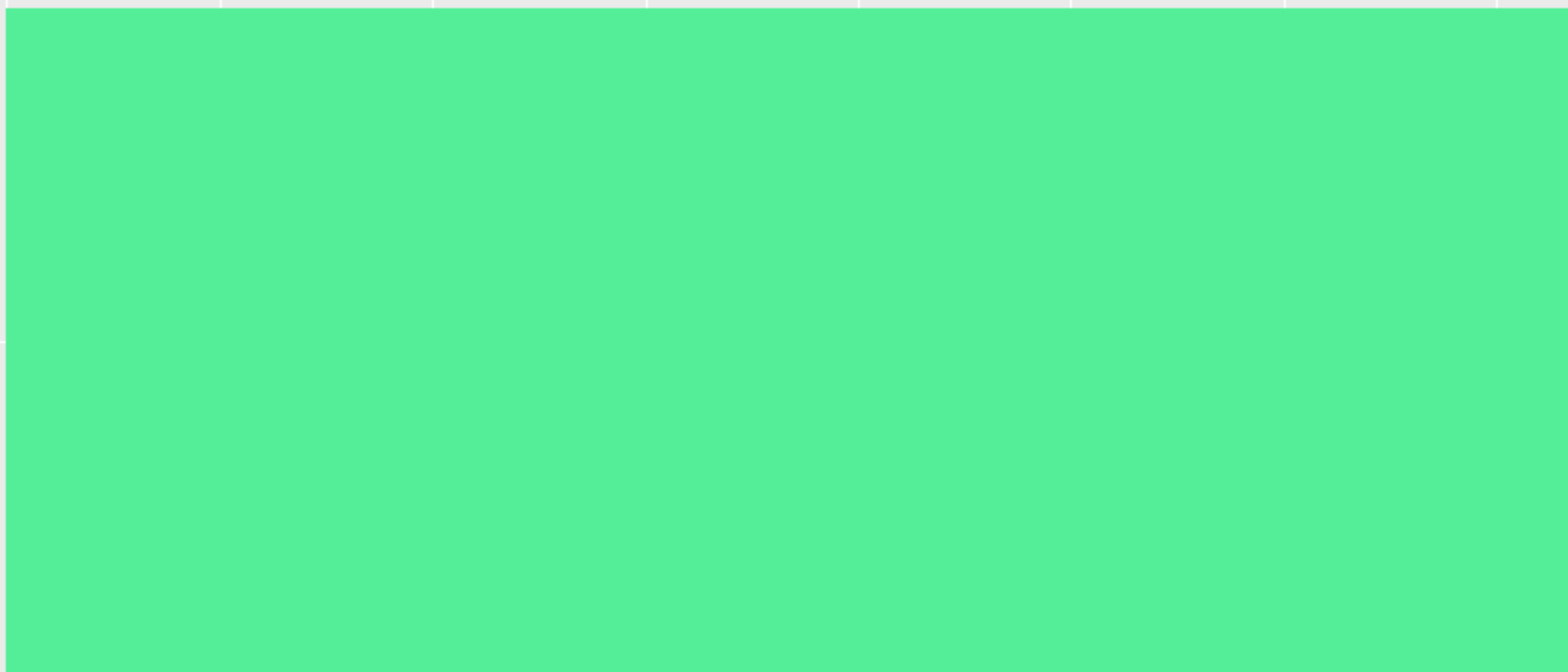
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10

20

30

Functional Enrichment



transcription from RNA polymerase III promoter

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 2/22

Cluster 22/22

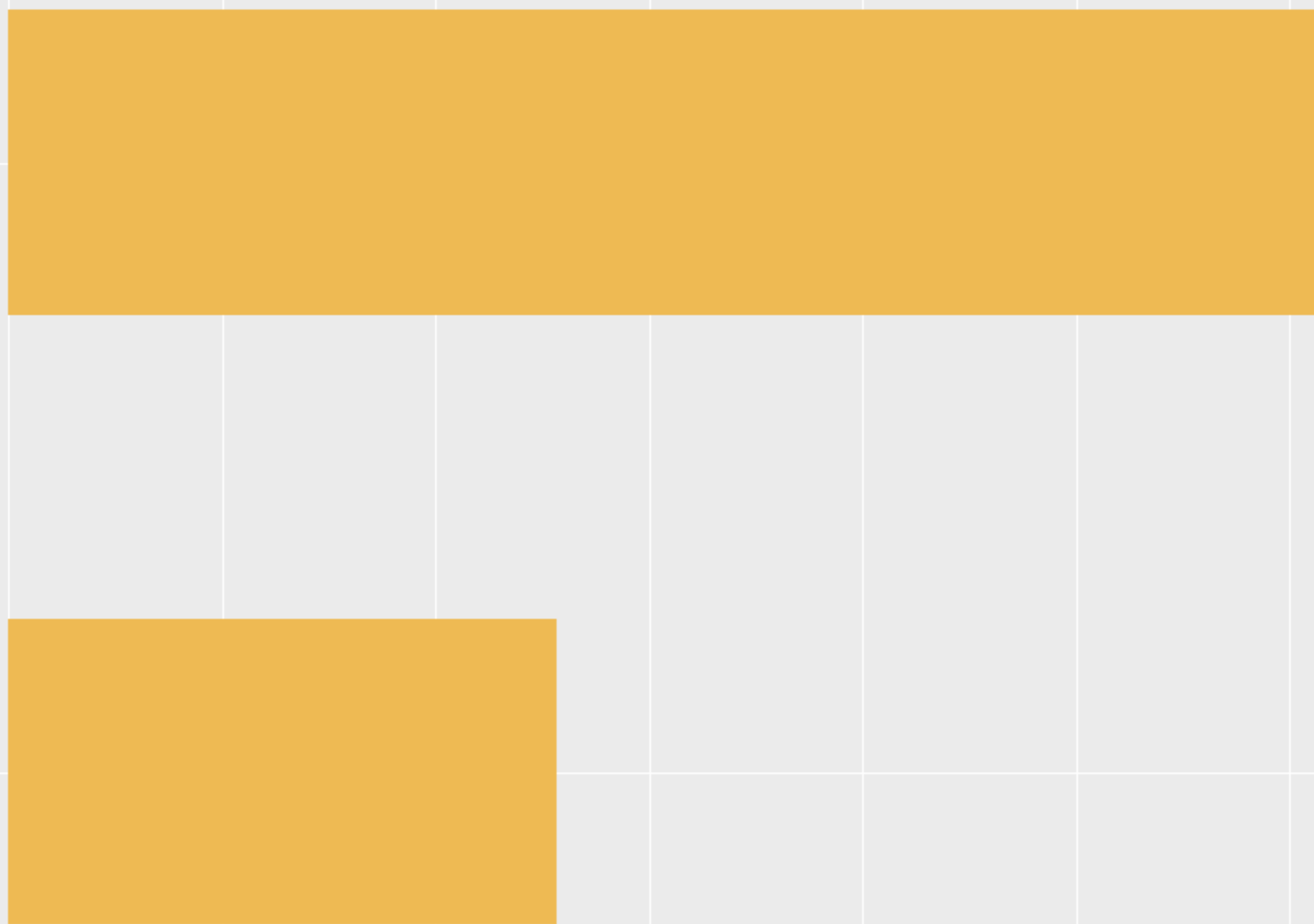
0

10

20

30

Functional Enrichment



transcription from RNA polymerase III promoter

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 9/42

0

10

20

30

Functional Enrichment



transposition

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 33/42

0

20

40

60

Functional Enrichment



transposition

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 26/42

0

20

40

60

Functional Enrichment



transposition

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 12/24

0

20

40

60

Functional Enrichment



tRNA aminoacylation for protein translation

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 23/42

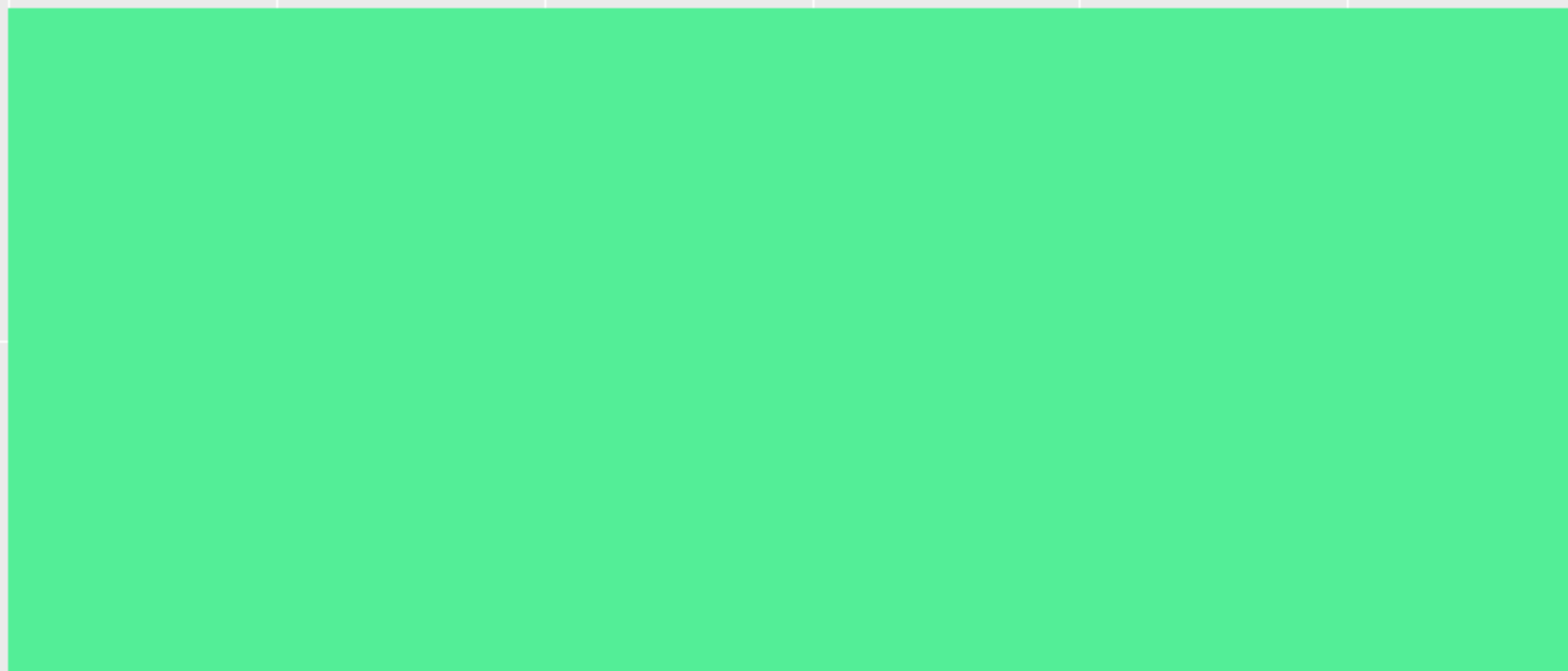
0

10

20

30

Functional Enrichment



tRNA aminoacylation for protein translation

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 40/42

0

10

20

30

Functional Enrichment



vacuole organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

Cluster 41/42

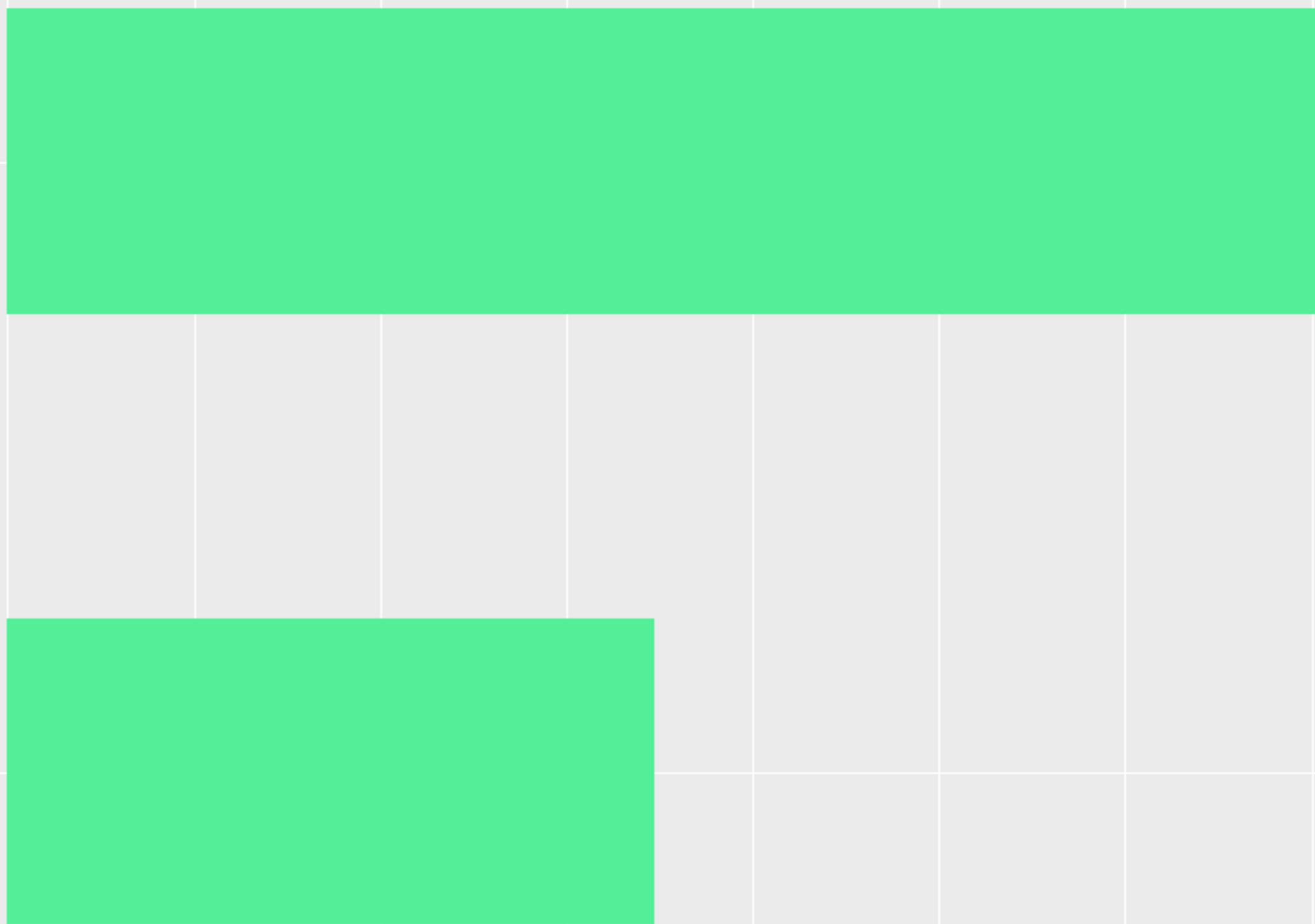
0

2

4

6

Functional Enrichment



vacuole organization

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

2

4

6

Functional Enrichment



vacuole organization

Without CellCycle | Without AreaShape | No Vesicle

Cluster

Cluster 34/42

0

1

2

3

Functional Enrichment



vacuole organization

Without CellCycle | Without AreaShape | Nonessential Only

Cluster

Cluster 22/24

0

1

2

3

Functional Enrichment



vesicle organization

Without CellCycle | Without AreaShape | All Genes

Cluster

Cluster 19/42

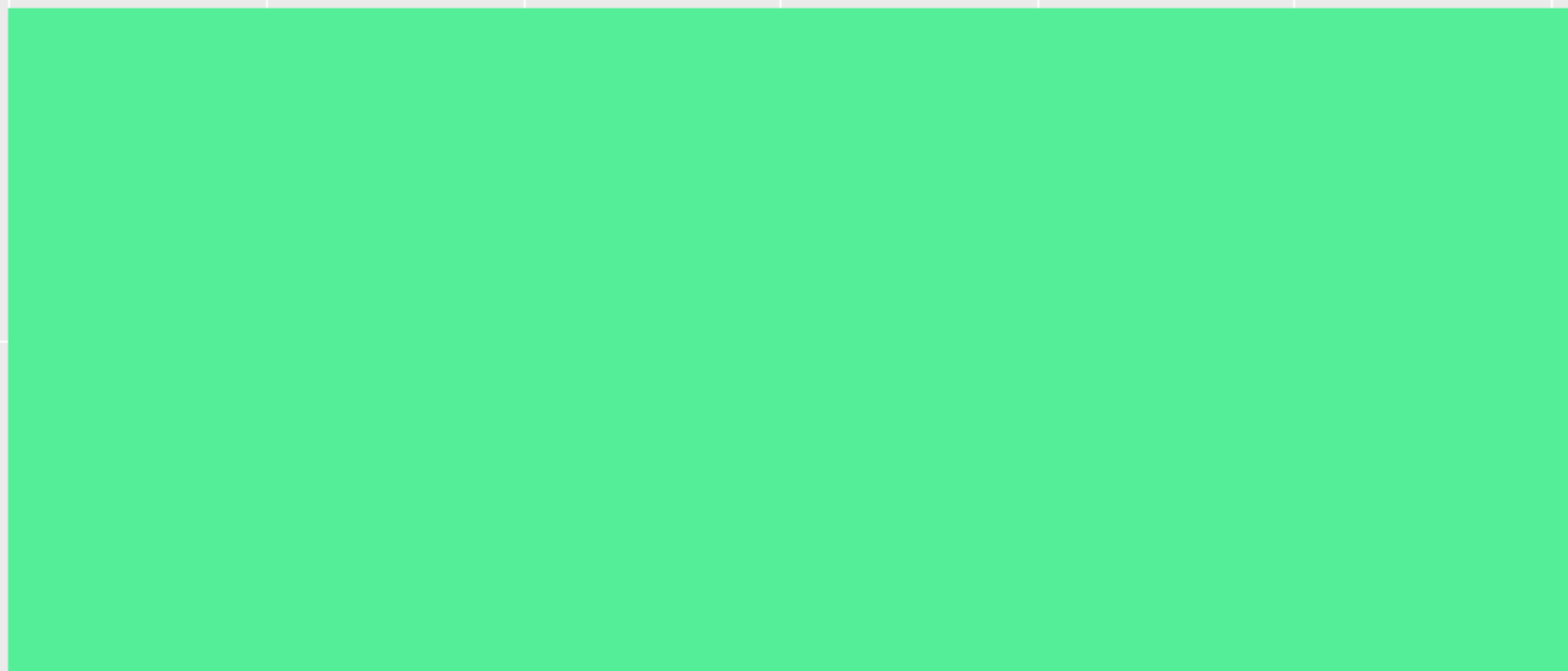
0

10

20

30

Functional Enrichment



vesicle organization

Without CellCycle | Without AreaShape | Essential Only

Cluster

Cluster 12/22

0

10

20

30

Functional Enrichment

