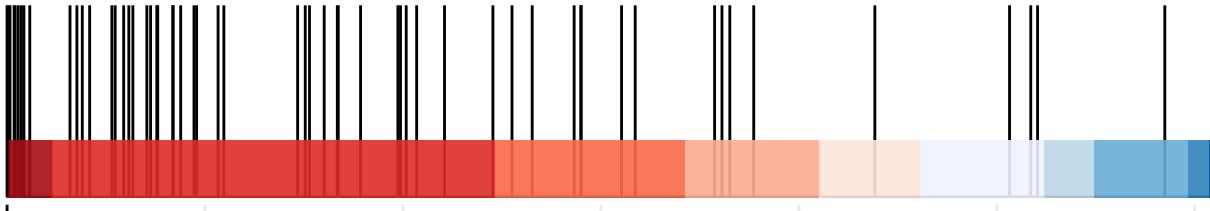


# GOBP\_GLUCOSE\_IMPORT

Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

10  
5  
0

5000

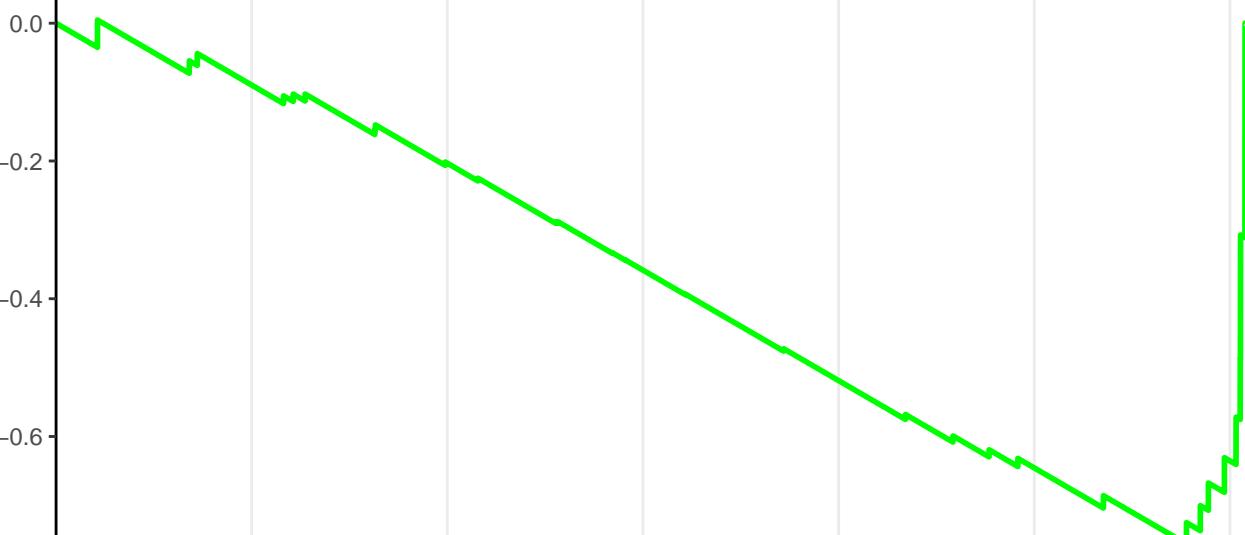
10000

15000

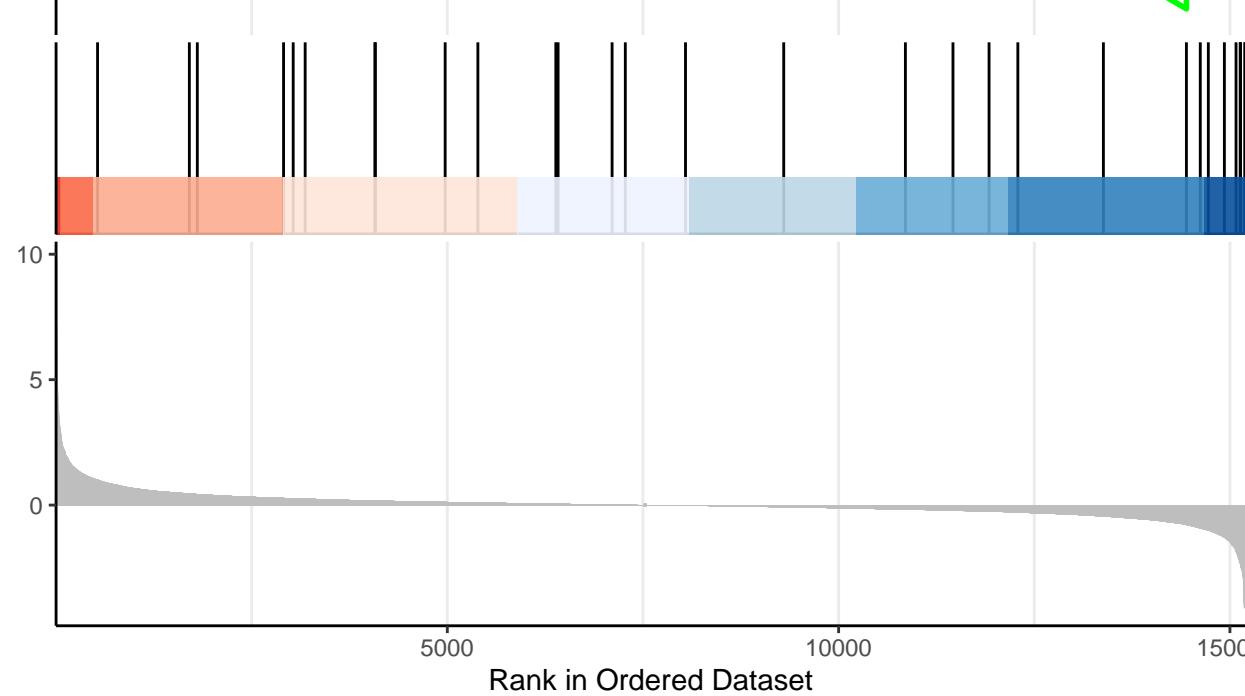
Rank in Ordered Dataset

# GOCC\_HIPPOCAMPAL\_MOSSY\_FIBER\_TO\_CA3\_SYNAPSE

Running Enrichment Score

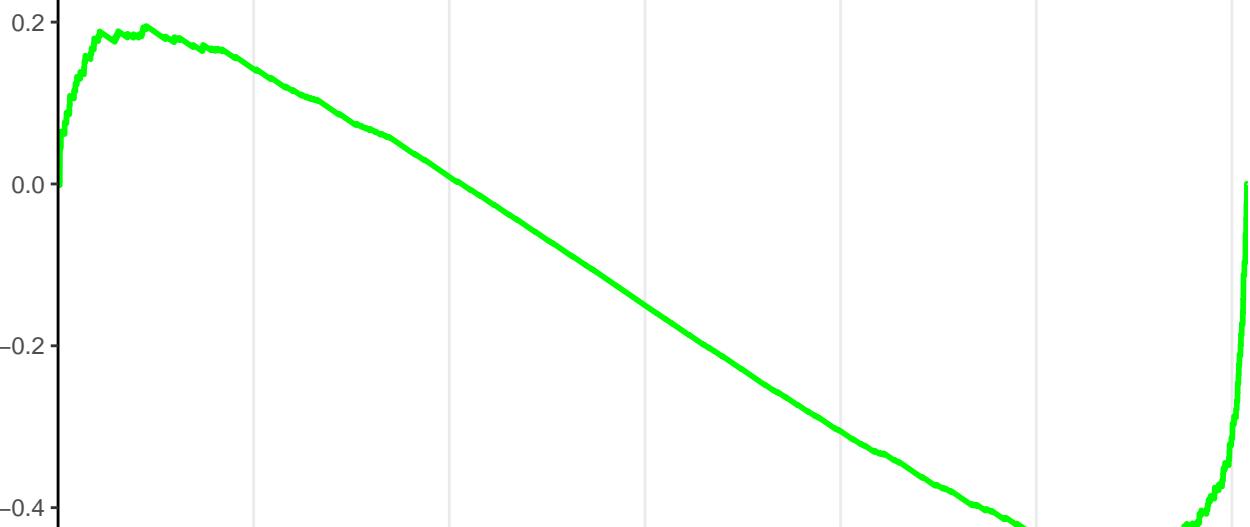


Ranked List Metric

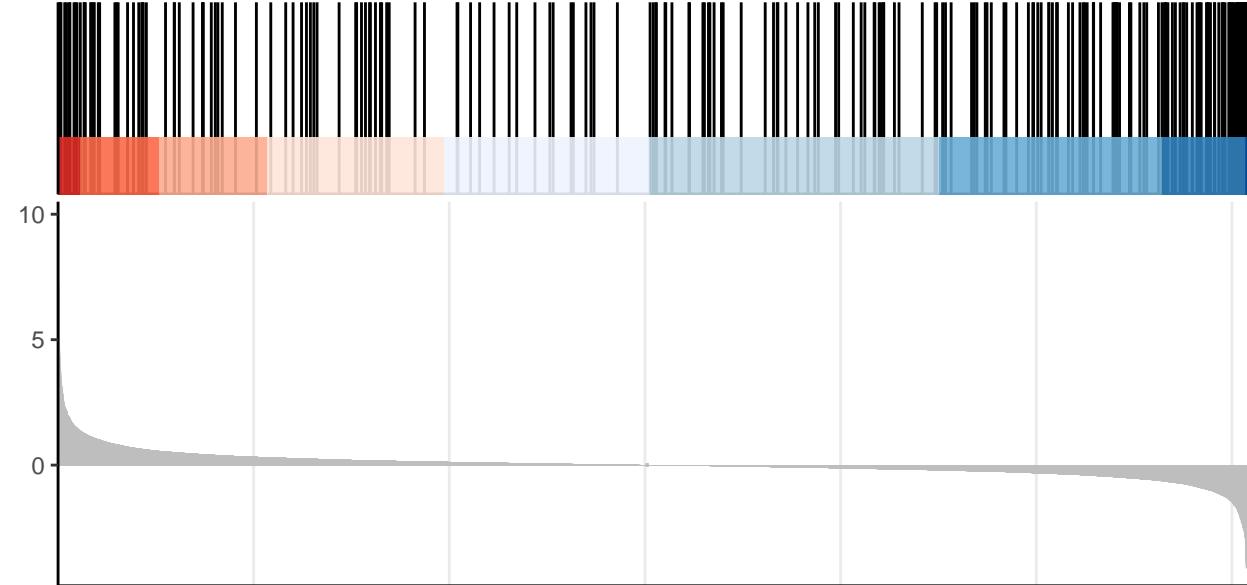


# GOMF\_SIGNALING\_RECEPTOR\_REGULATOR\_ACTIVITY

Running Enrichment Score



Ranked List Metric



Rank in Ordered Dataset

# GOBP\_PEROXISOME\_PROLIFERATOR\_ACTIVATED\_RECECTOR\_SIGNALING

Running Enrichment Score

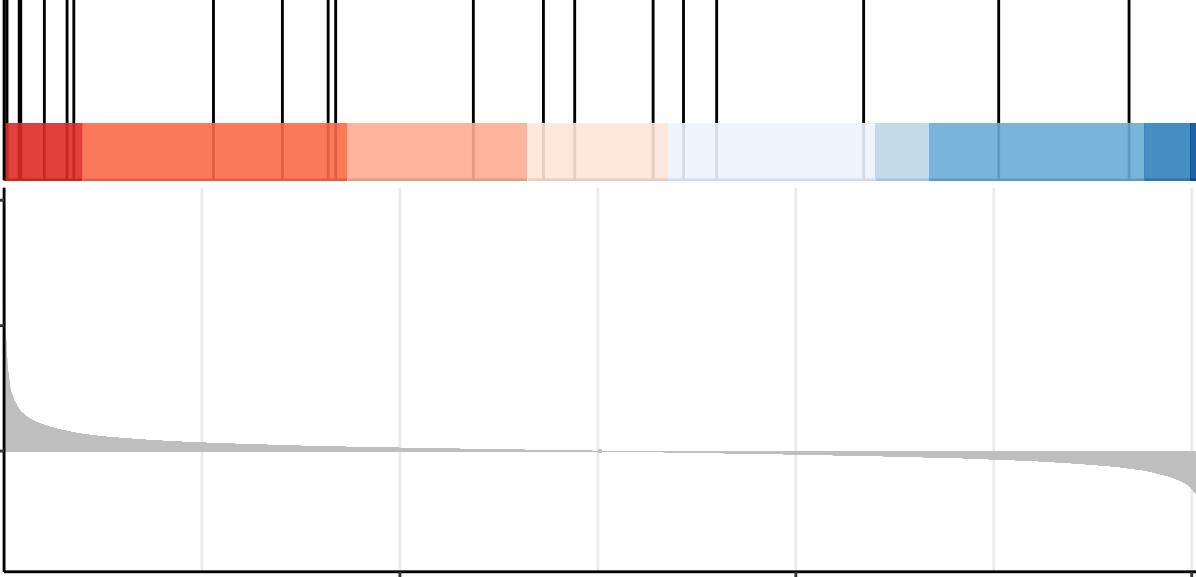
0.8  
0.6  
0.4  
0.2  
0.0

Rank in Ordered Dataset

Ranked List Metric

10  
5  
0

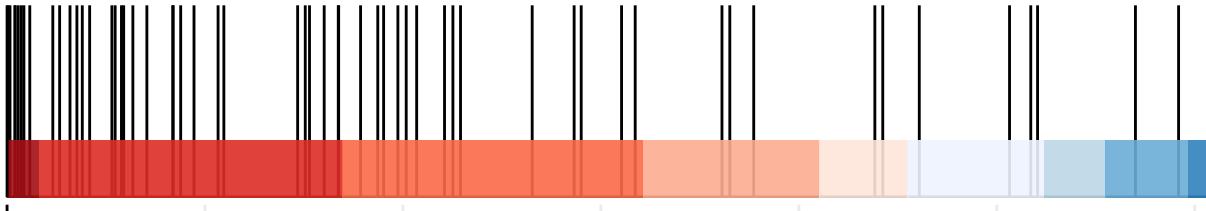
5000 10000 15000



# GOBP\_REGULATION\_OF\_GLUCOSE\_TRANSMEMBRANE\_TRANSPORT

Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

10  
5  
0

5000

10000

15000

Rank in Ordered Dataset

# GOCC\_CONTRACTILE\_MUSCLE\_FIBER

Running Enrichment Score

0.4

0.2

0.0

-0.2

-0.4

-0.6

-0.8

-1.0

-1.2

-1.4

-1.6

-1.8

-2.0



Ranked List Metric

5000

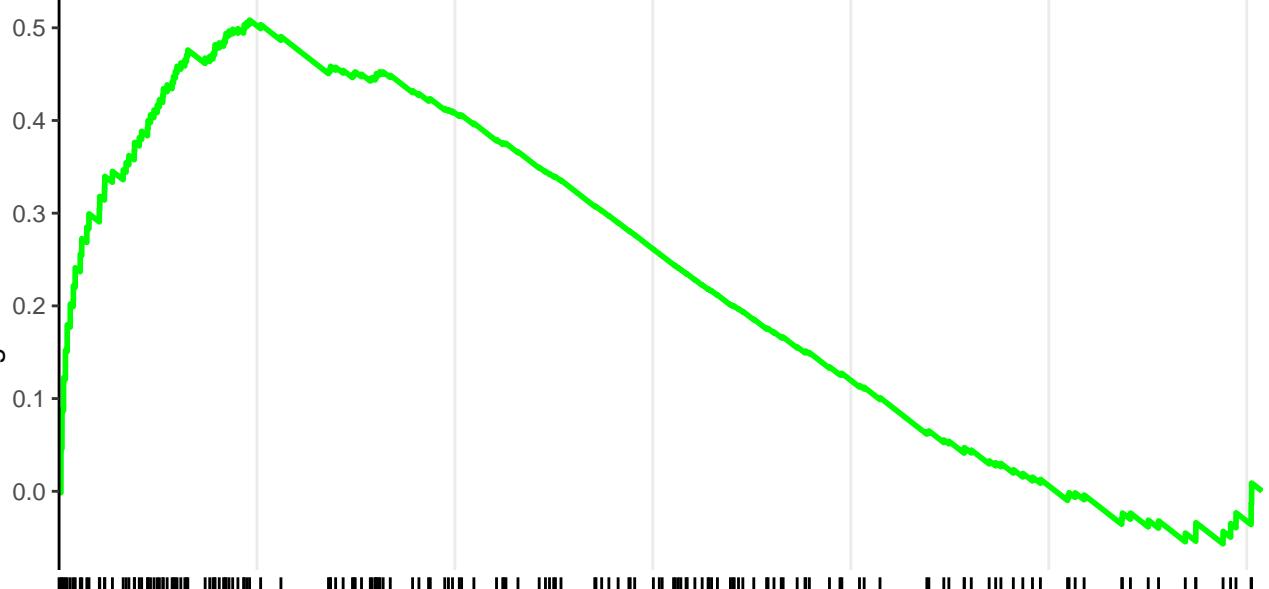
10000

15000

Rank in Ordered Dataset

# GOBP\_CELLULAR\_RESPONSE\_TO\_INSULIN\_STIMULUS

Running Enrichment Score



Ranked List Metric



Rank in Ordered Dataset

# GOBP\_RESPONSE\_TO\_INSULIN

Running Enrichment Score

0.4  
0.3  
0.2  
0.1  
0.0  
-0.1



Ranked List Metric

10  
5  
0

5000

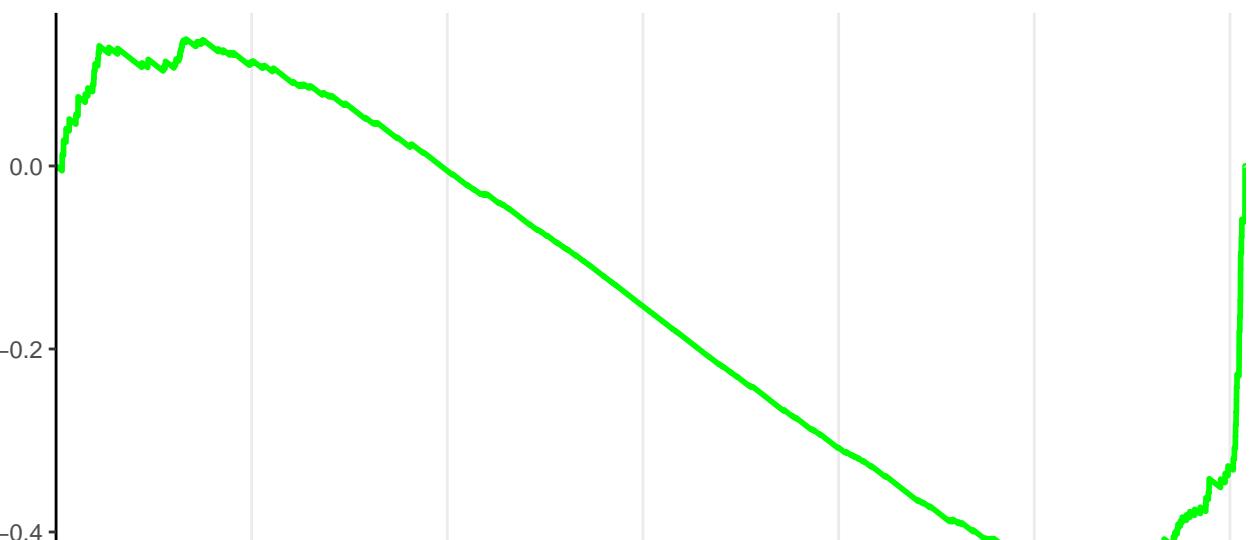
10000

15000

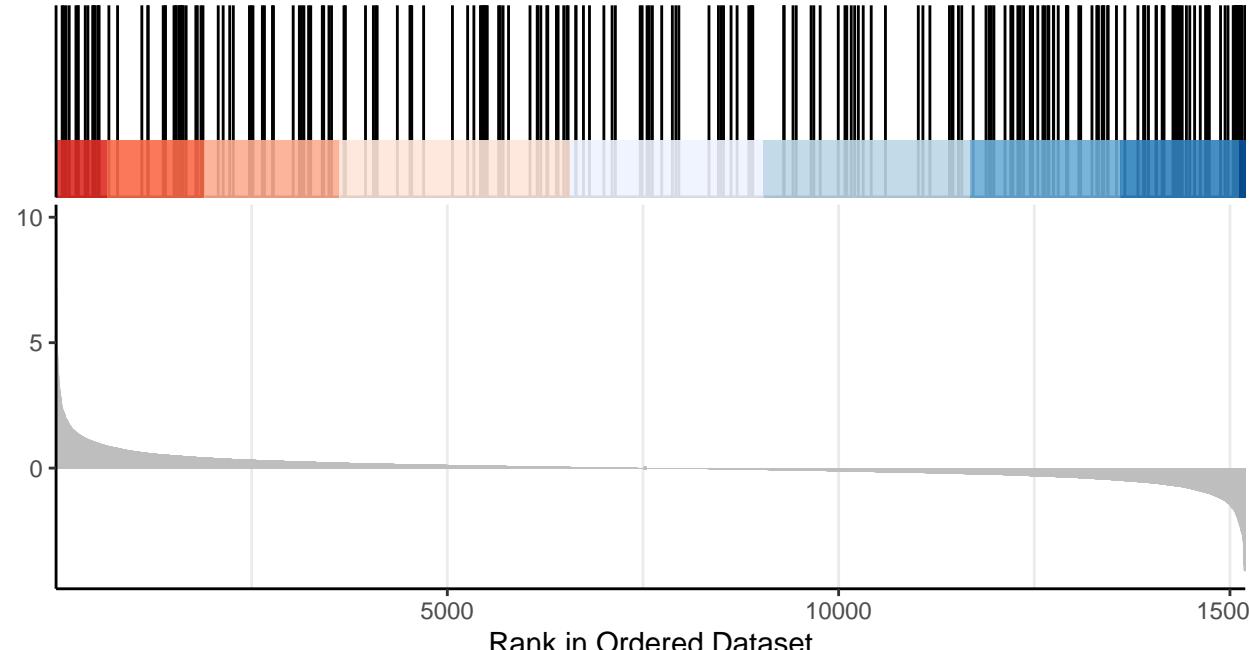
Rank in Ordered Dataset

# GOCC\_SYNAPTIC\_MEMBRANE

Running Enrichment Score



Ranked List Metric



# GOBP\_CELL\_SUBSTRATE\_ADHESION

Running Enrichment Score

0.4  
0.3  
0.2  
0.1  
0.0  
-0.1



Ranked List Metric

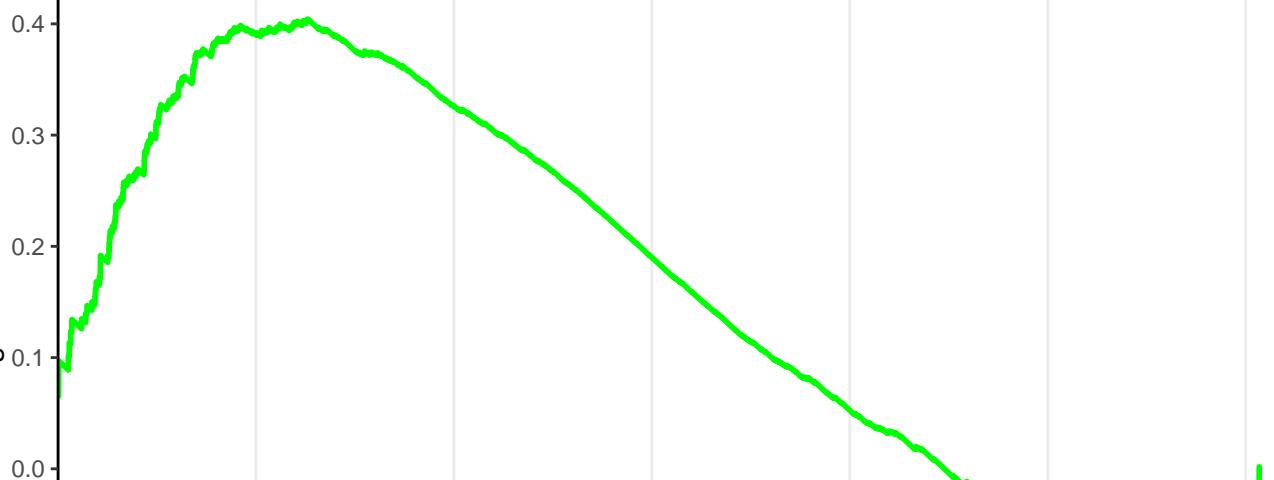
10  
5  
0

5000 10000 15000

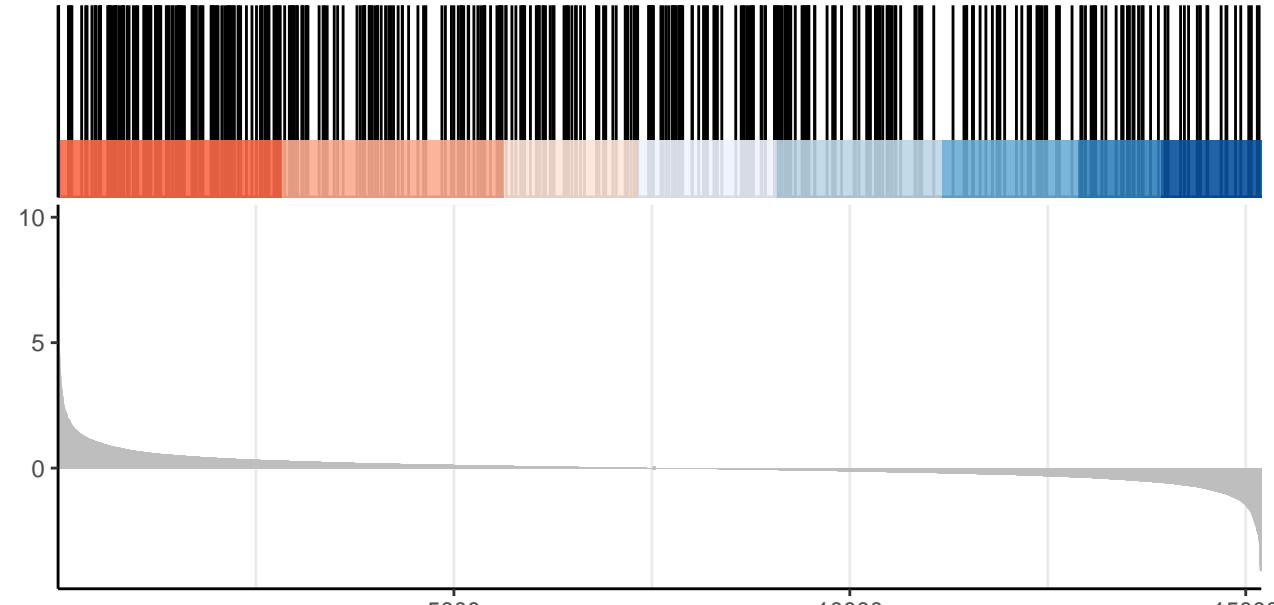
Rank in Ordered Dataset

# GOCC\_CELL\_SUBSTRATE\_JUNCTION

Running Enrichment Score



Ranked List Metric



5000

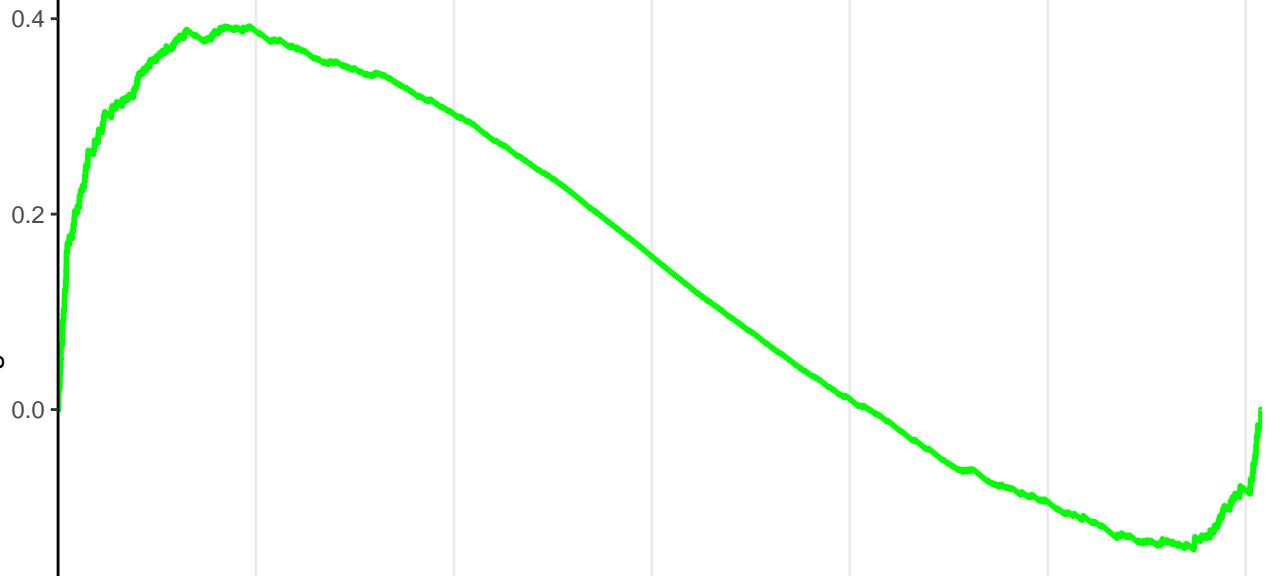
10000

15000

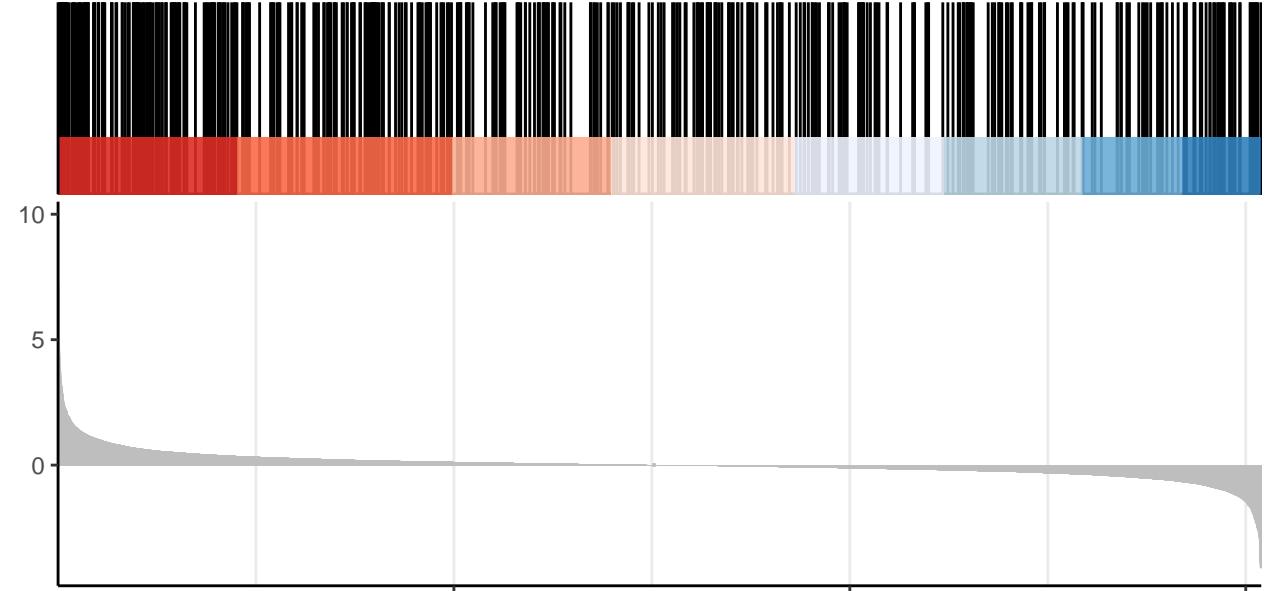
Rank in Ordered Dataset

# GOBP\_CELLULAR\_RESPONSE\_TO\_HORMONE\_STIMULUS

Running Enrichment Score

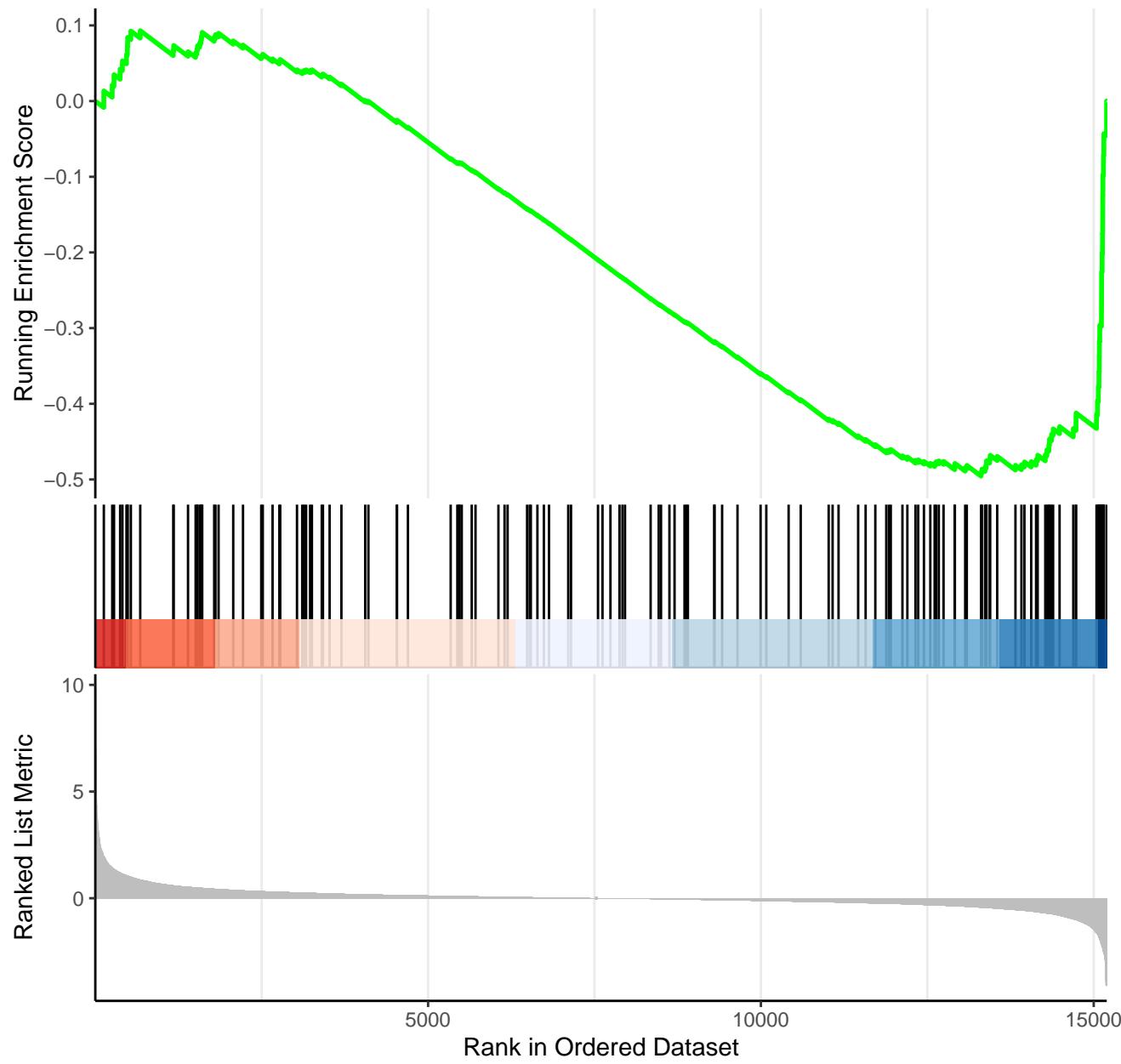


Ranked List Metric



Rank in Ordered Dataset

# GOCC\_POSTSYNAPTIC\_MEMBRANE



# GOMF\_CYTOKINE\_ACTIVITY

Running Enrichment Score

0.0

-0.2

-0.4

10

5

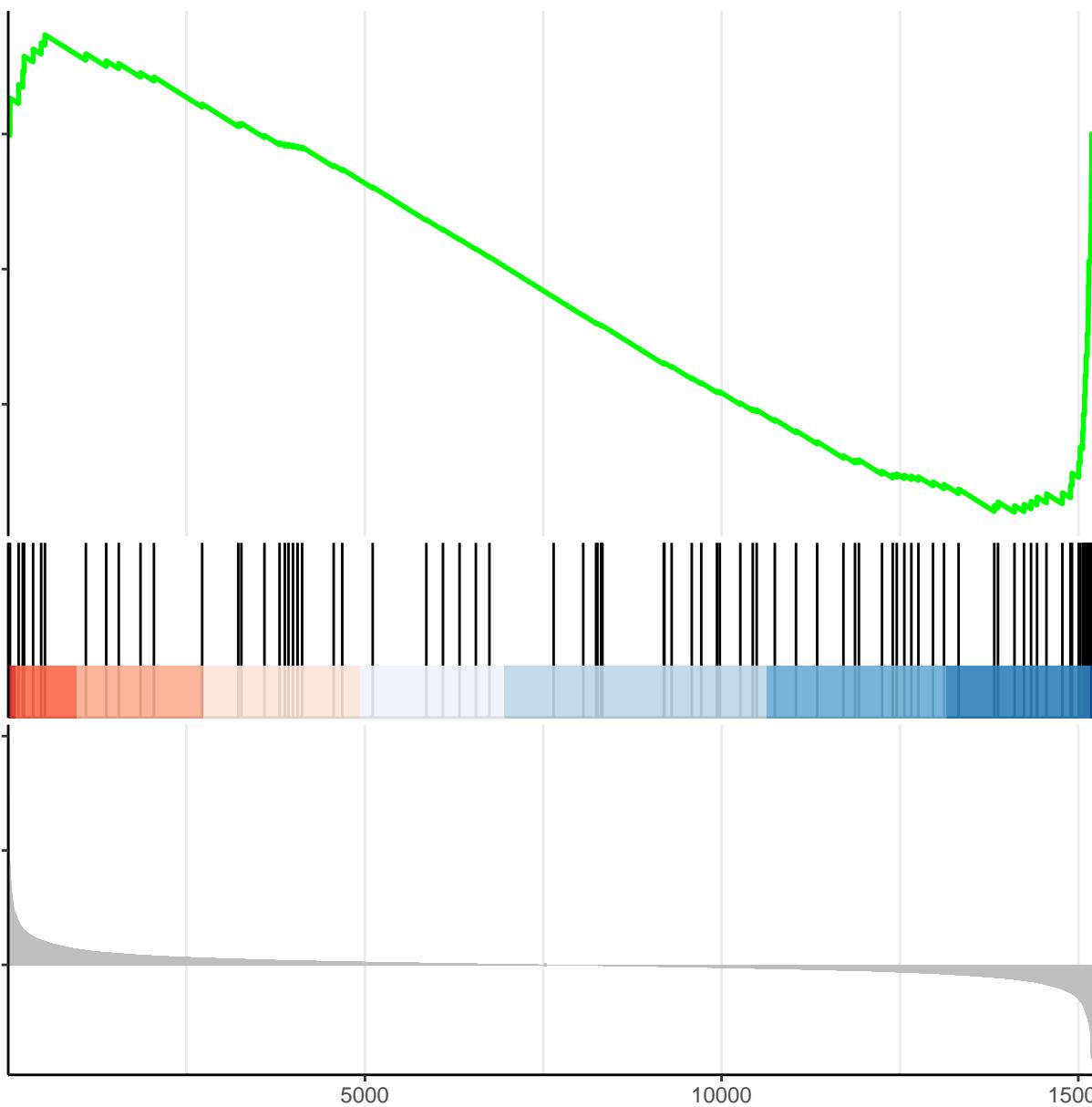
Ranked List Metric

5000

10000

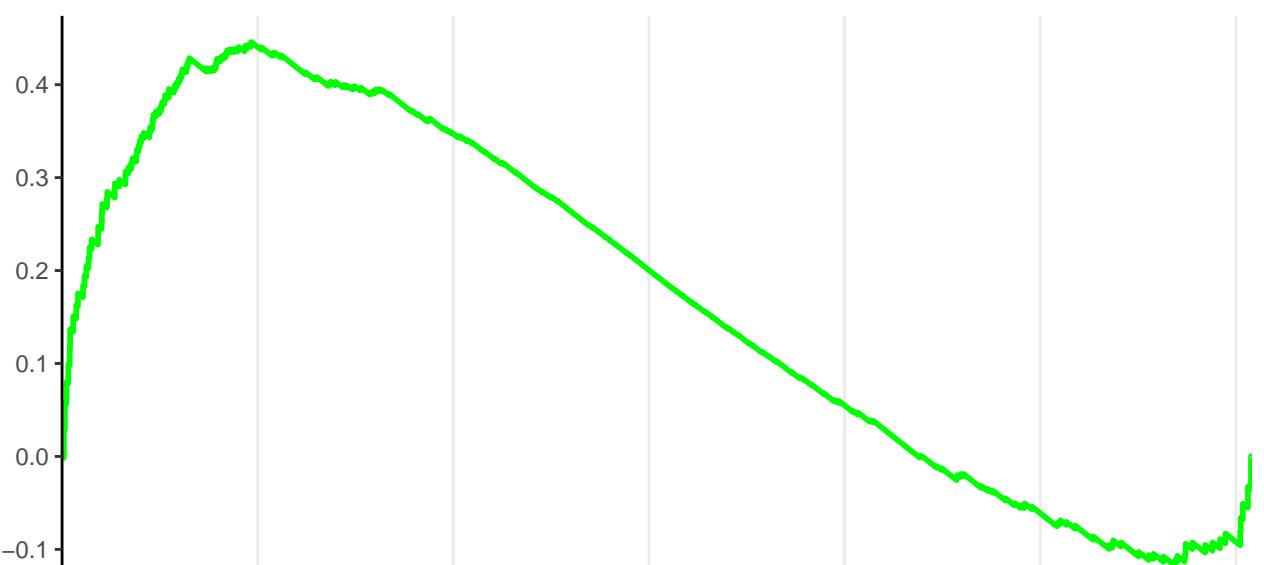
15000

Rank in Ordered Dataset

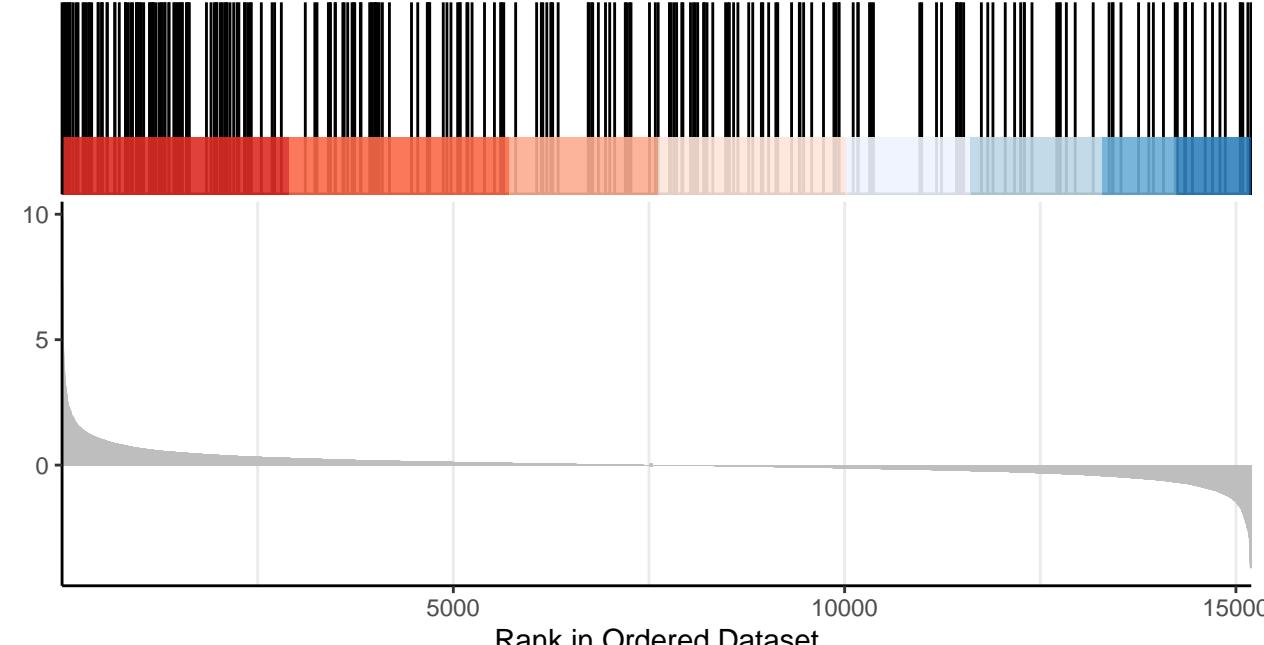


# GOBP\_CELLULAR\_RESPONSE\_TO\_PEPTIDE\_HORMONE\_STIMULUS

Running Enrichment Score



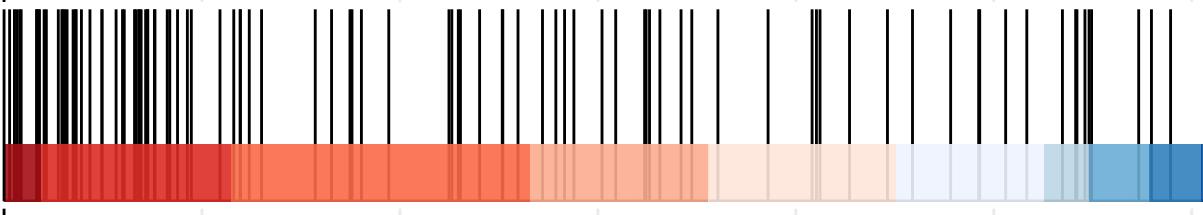
Ranked List Metric



# GOCC\_I\_BAND

Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

10  
5  
0

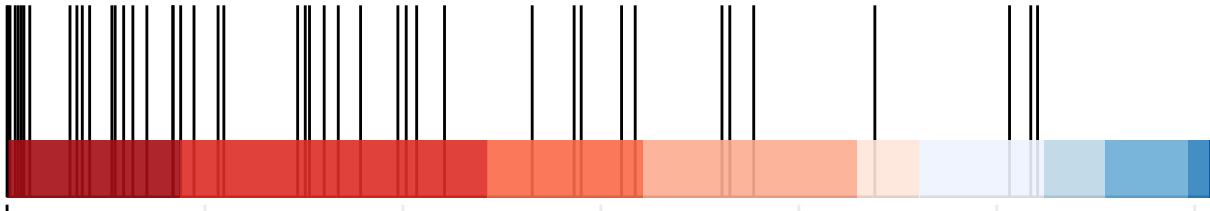
5000 10000 15000

Rank in Ordered Dataset

# GOBP\_REGULATION\_OF\_GLUCOSE\_IMPORT

Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

-10  
-5  
0  
5  
10

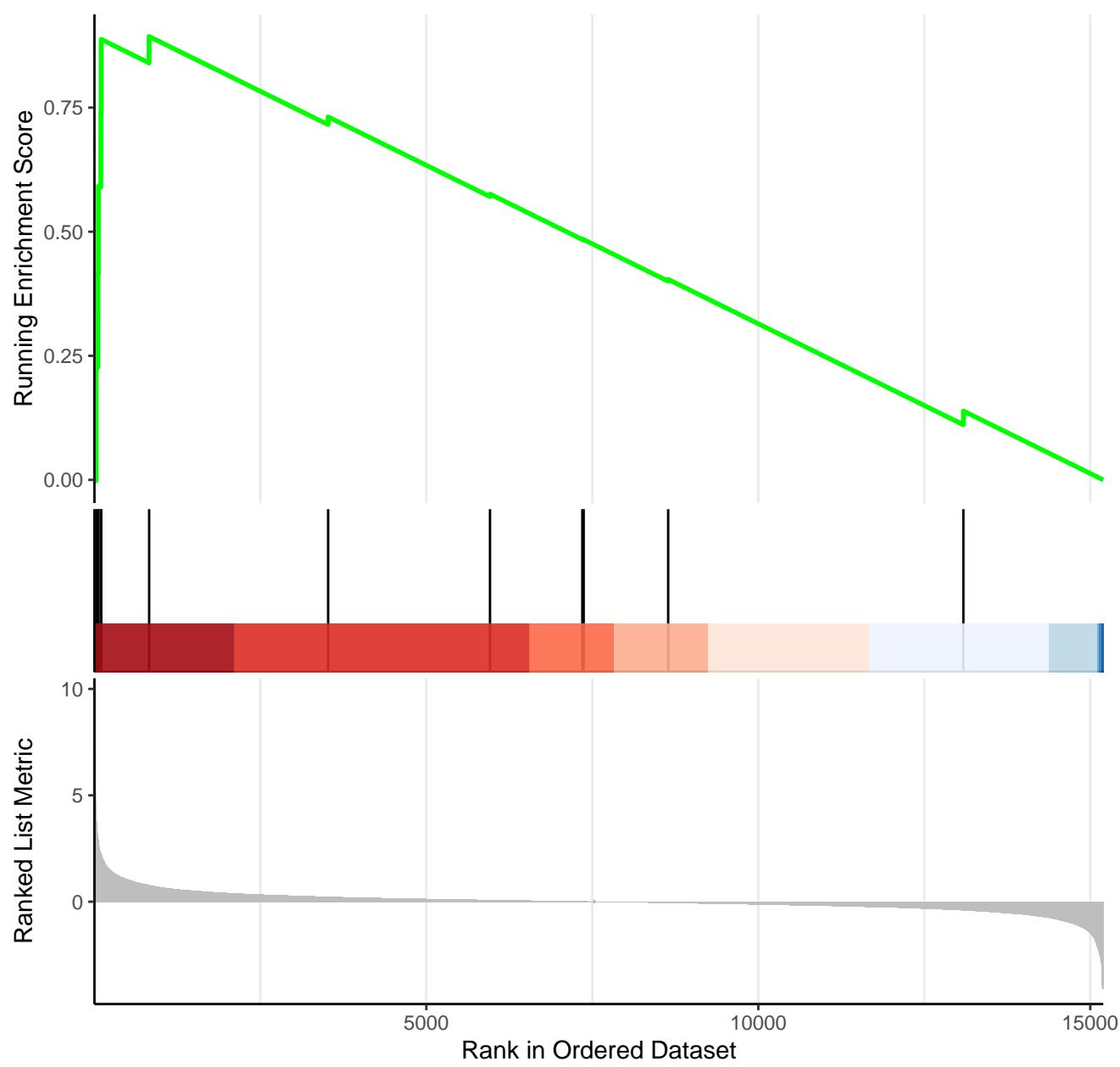
5000

10000

15000

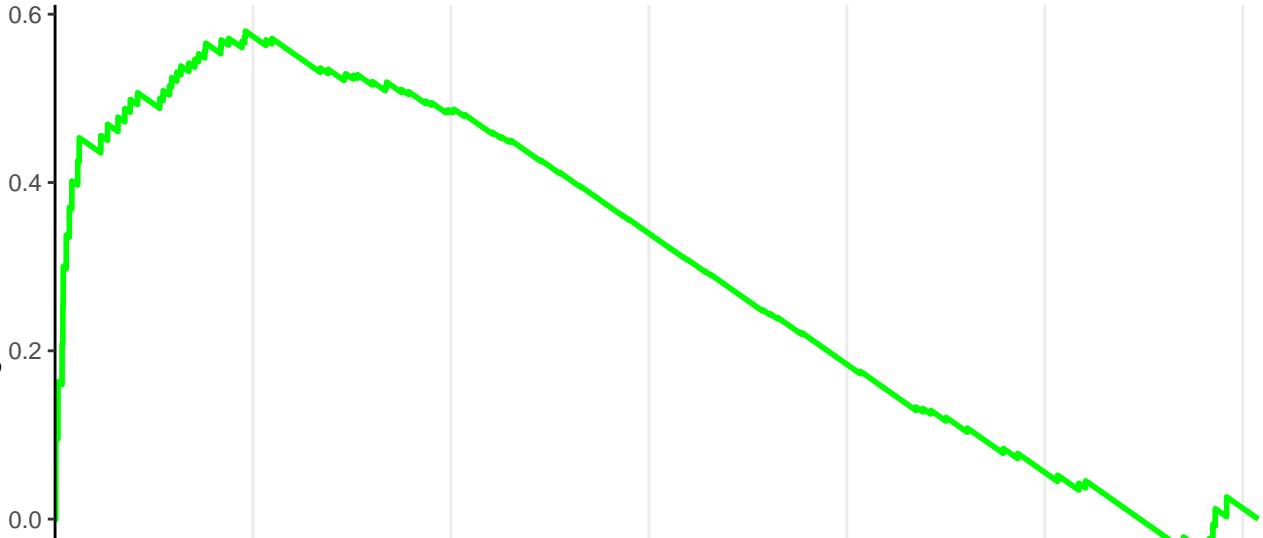
Rank in Ordered Dataset

# GOBP\_DETOXIFICATION\_OF\_INORGANIC\_COMPOUND

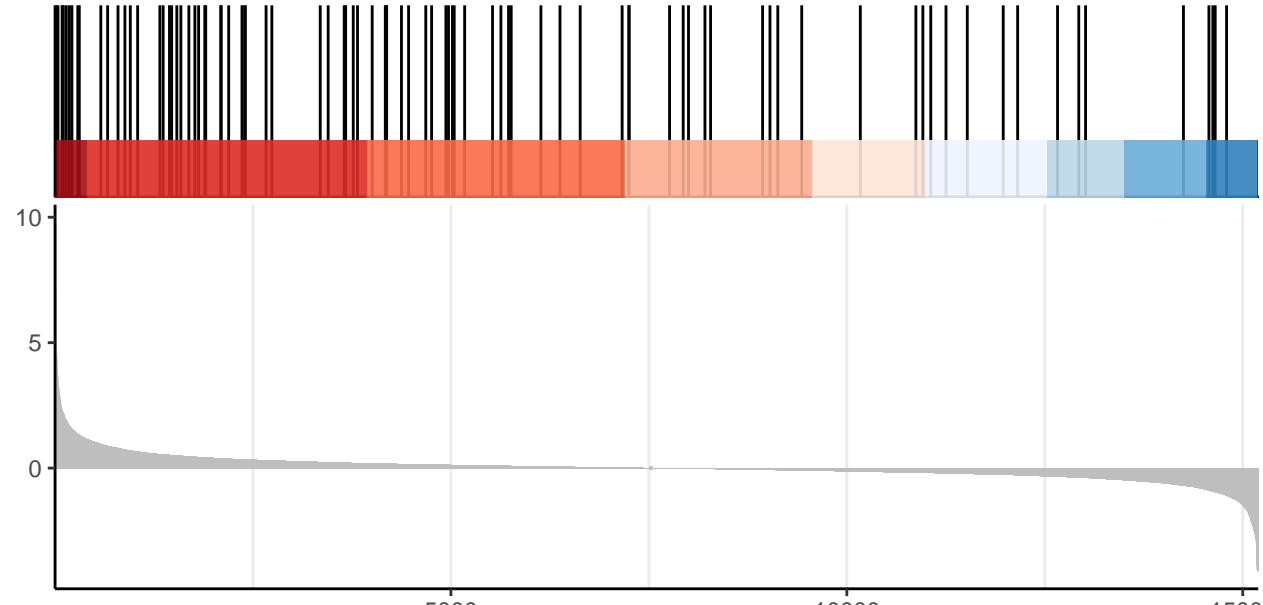


# GOBP\_MONOSACCHARIDE\_TRANSMEMBRANE\_TRANSPORT

Running Enrichment Score

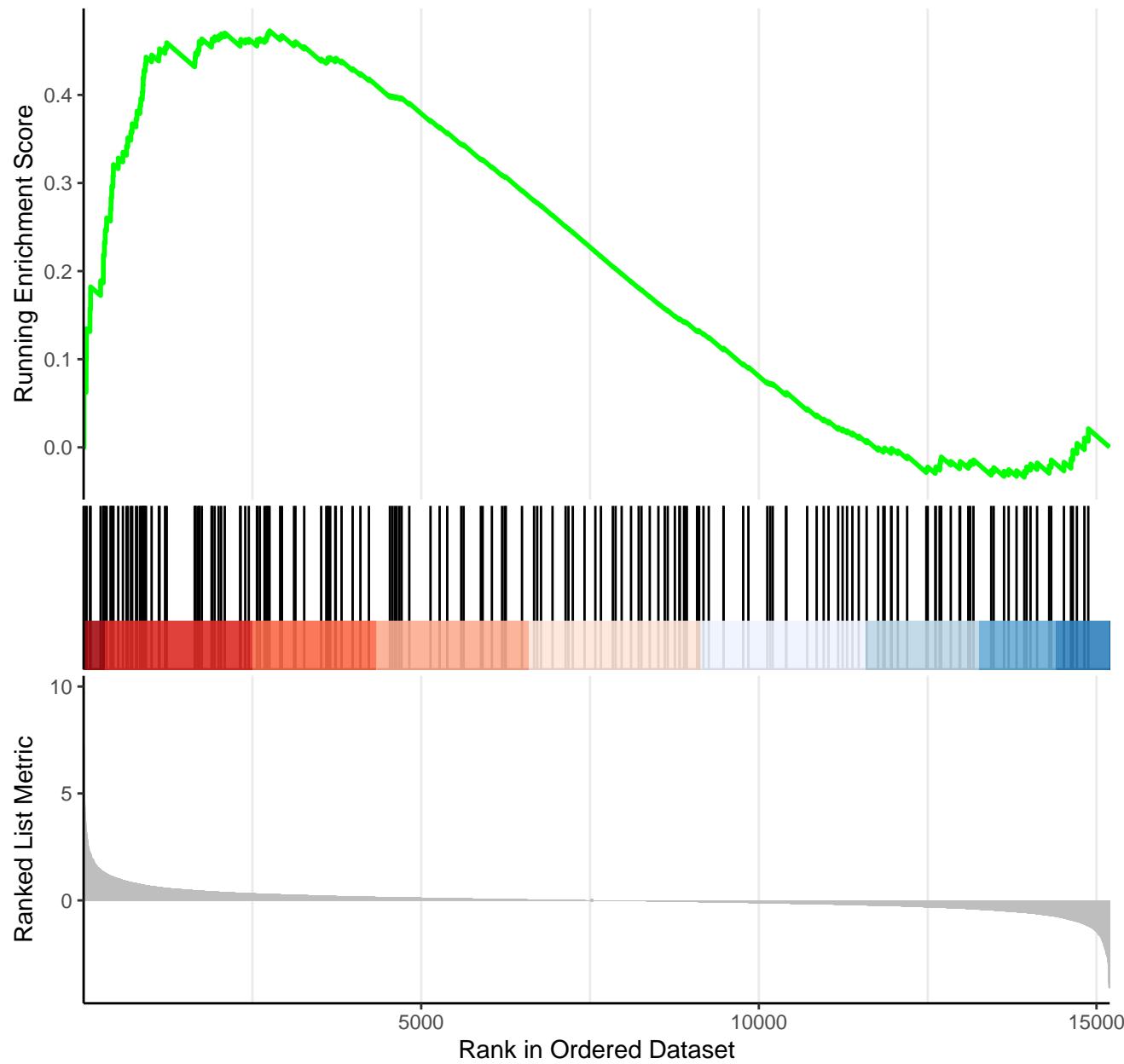


Ranked List Metric



Rank in Ordered Dataset

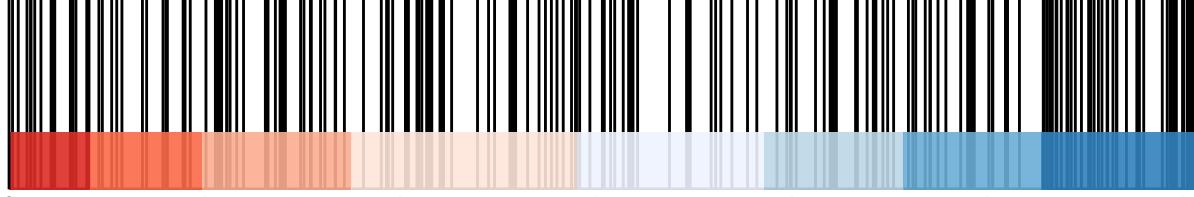
# GOBP\_ORGANIC\_ACID\_CATABOLIC\_PROCESS



# GOBP\_POSITIVE\_REGULATION\_OF\_NERVOUS\_SYSTEM\_DEVELOPMENT

Running Enrichment Score

0.0  
-0.2  
-0.4



Ranked List Metric

10

5

0

5000

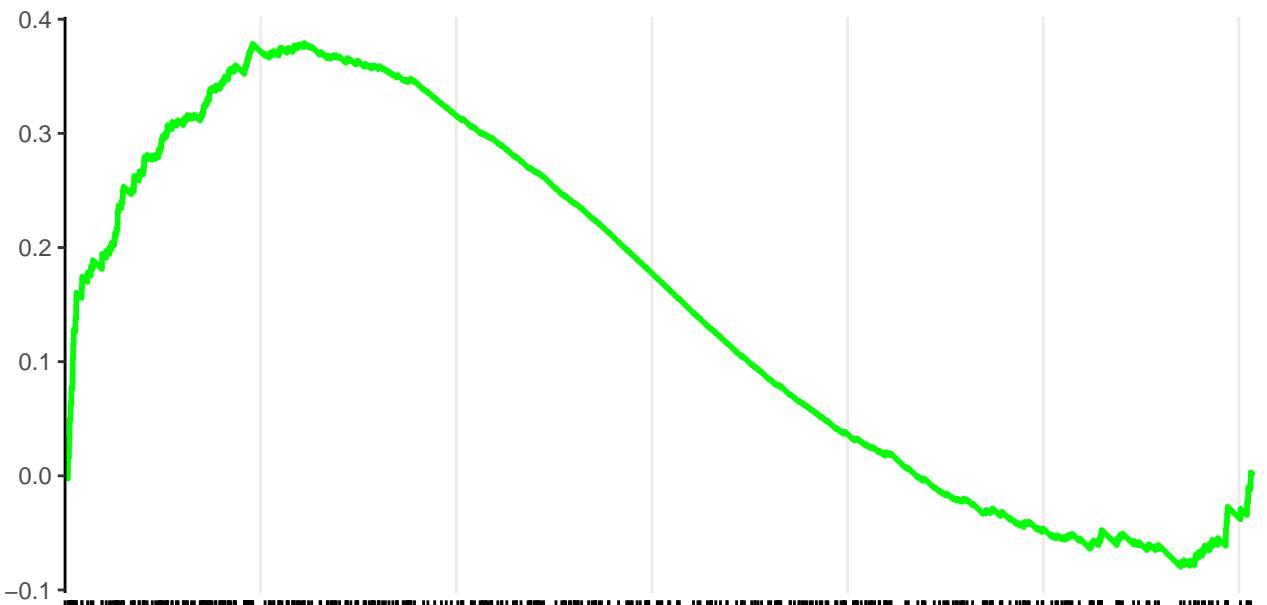
10000

15000

Rank in Ordered Dataset

# GOBP\_CARBOHYDRATE\_METABOLIC\_PROCESS

Running Enrichment Score



Ranked List Metric



Rank in Ordered Dataset

# GOMF\_FAD\_BINDING

Running Enrichment Score

0.6  
0.4  
0.2  
0.0

Ranked List Metric

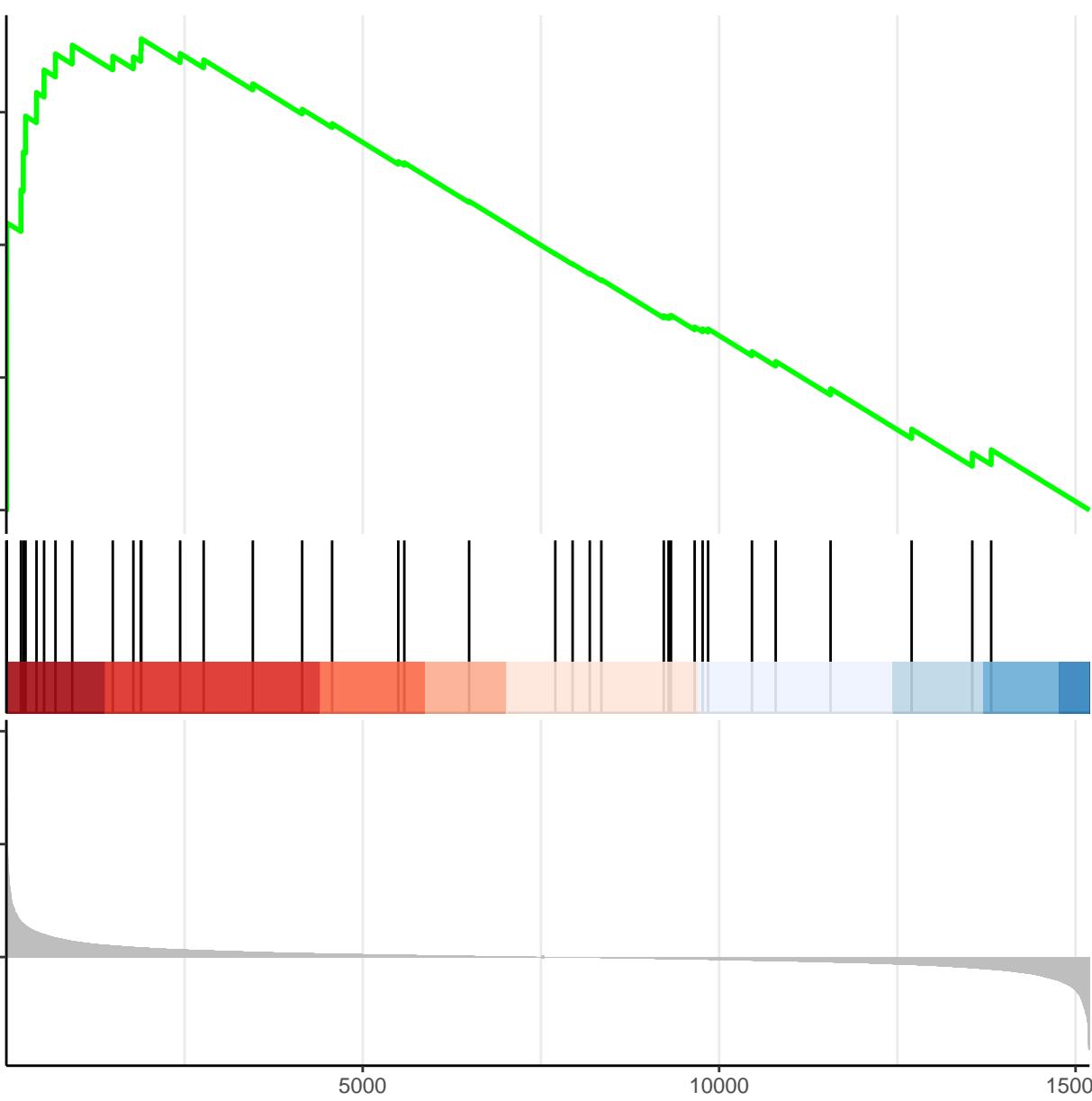
10  
5  
0

5000

10000

15000

Rank in Ordered Dataset



# GOBP\_ENDOCRINE\_PROCESS

Running Enrichment Score

0.6  
0.4  
0.2  
0.0

-0.2

10

5

0

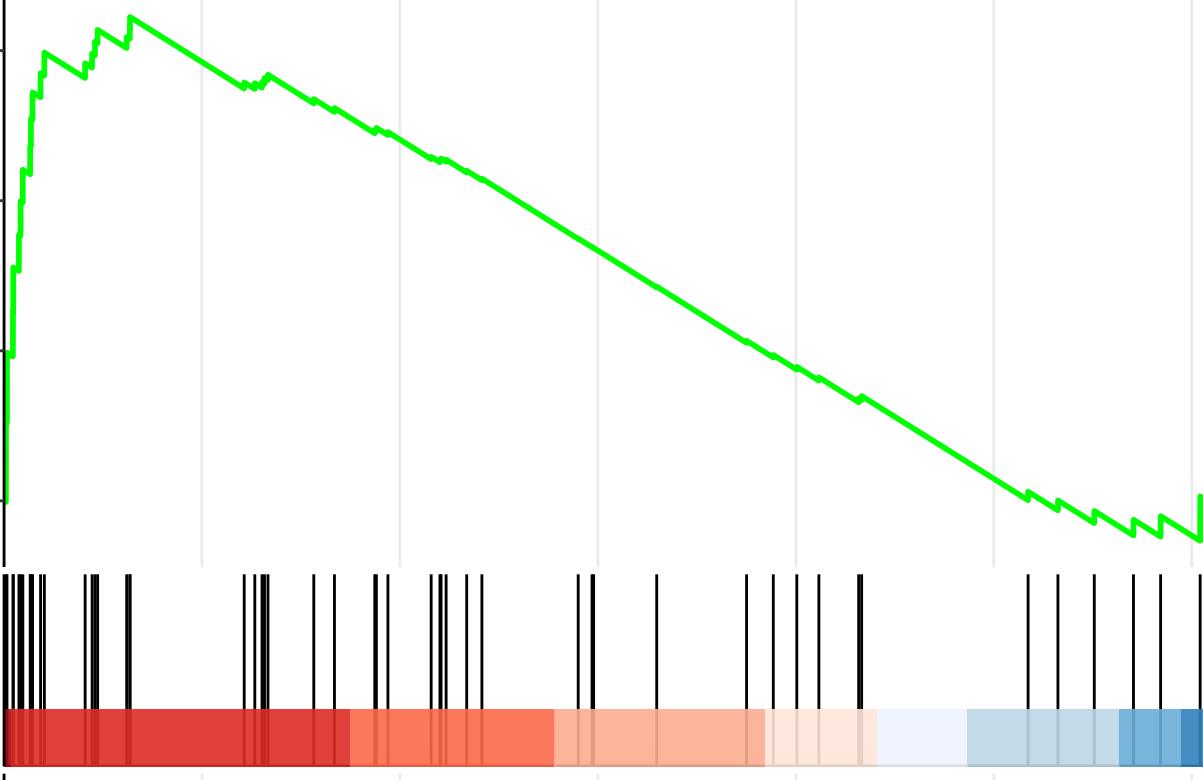
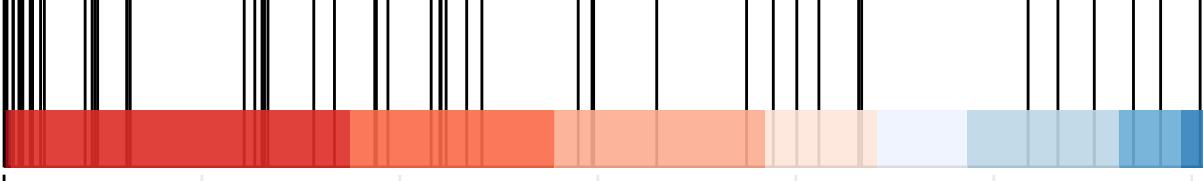
Ranked List Metric

5000

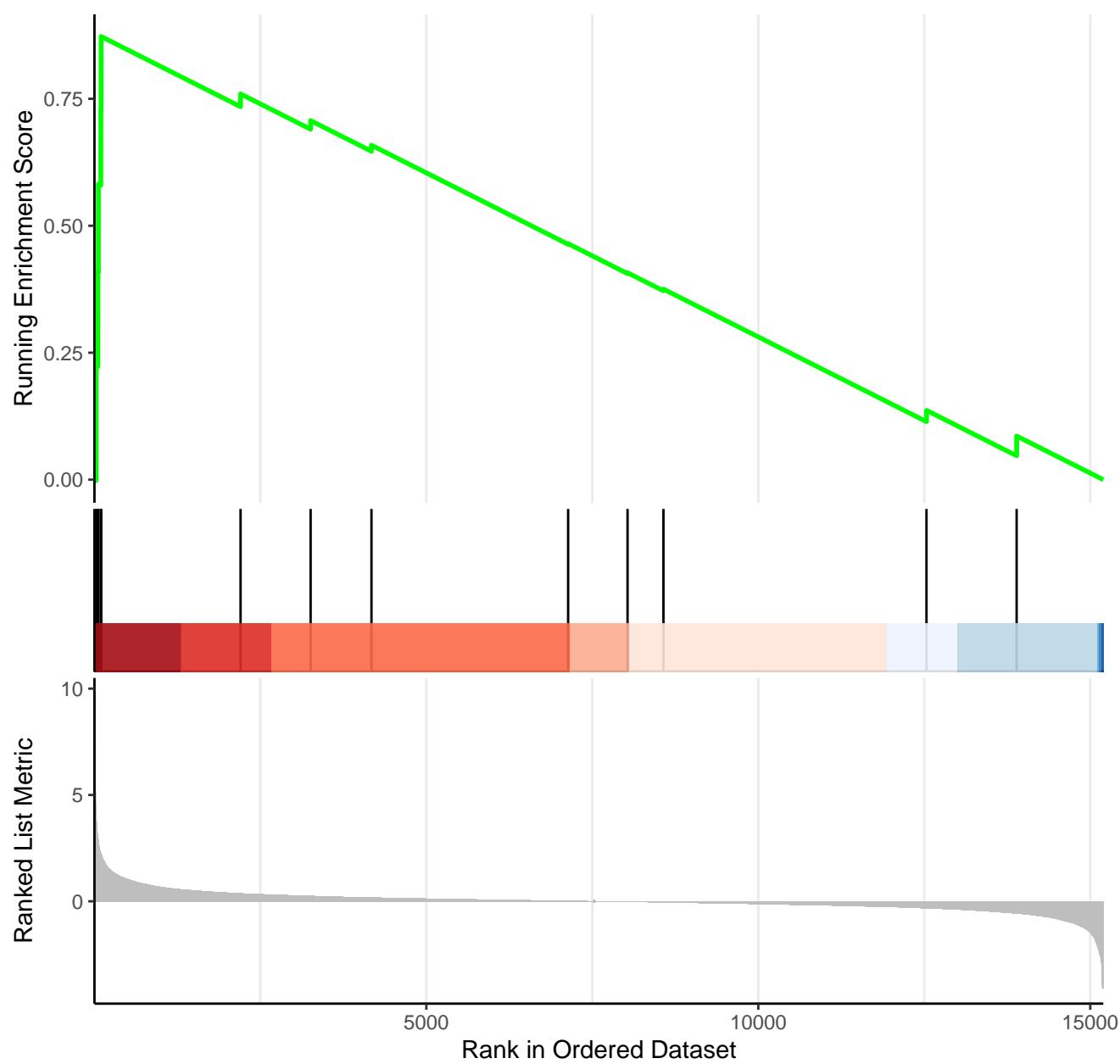
10000

15000

Rank in Ordered Dataset

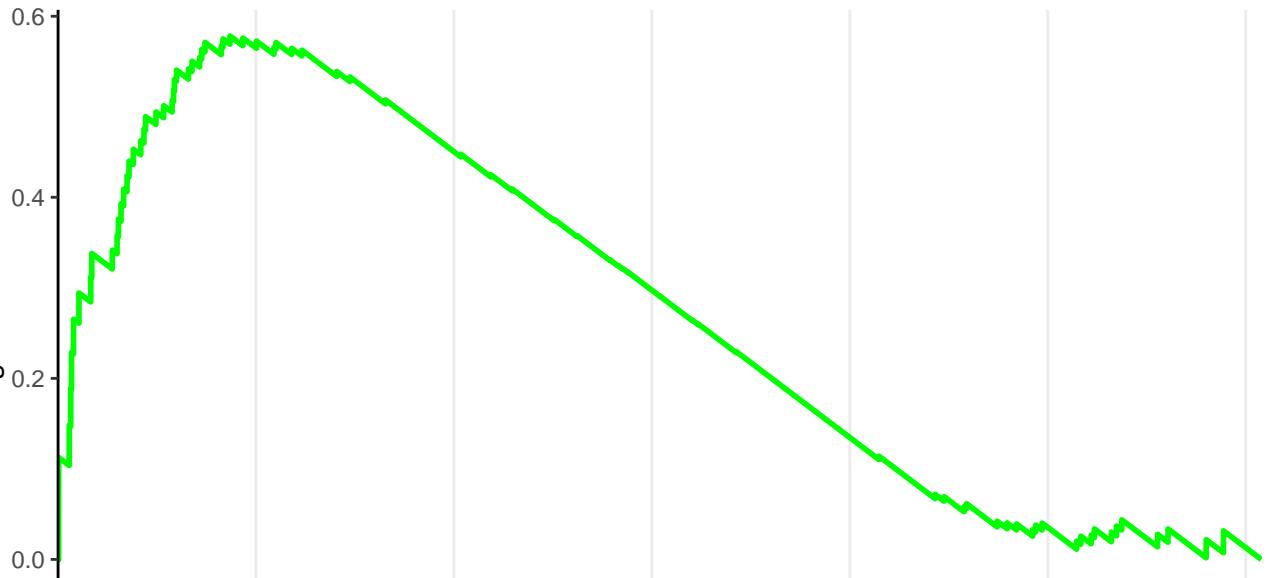


# GOBP\_CELLULAR\_RESPONSE\_TO\_ZINC\_ION

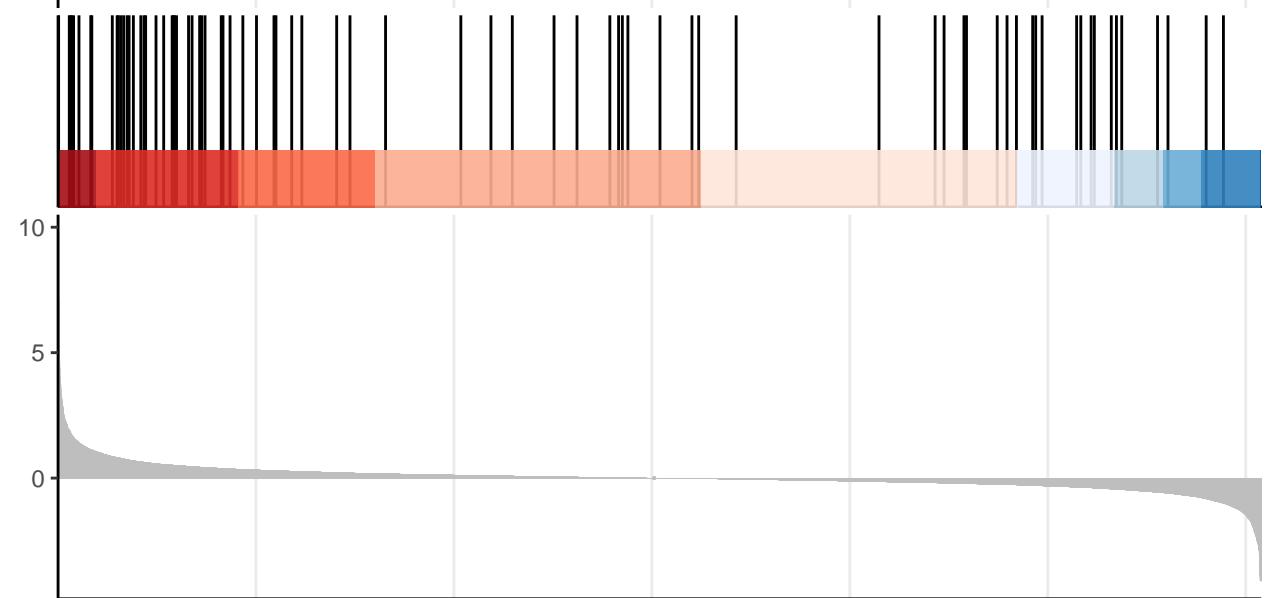


# GOCC\_ACTOMYOSIN

Running Enrichment Score



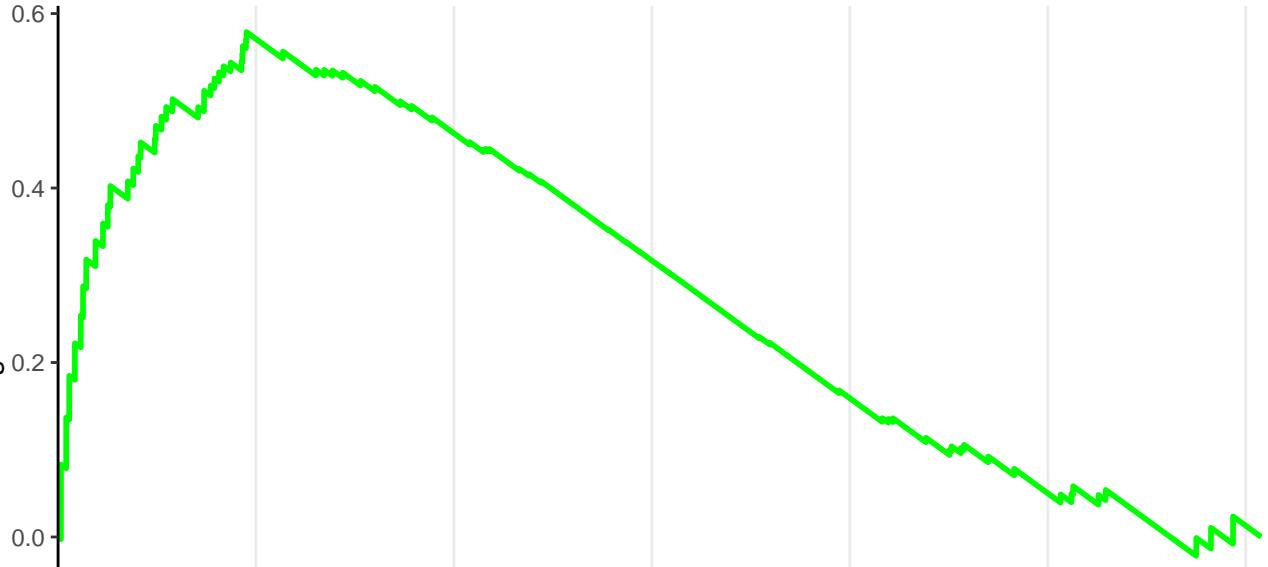
Ranked List Metric



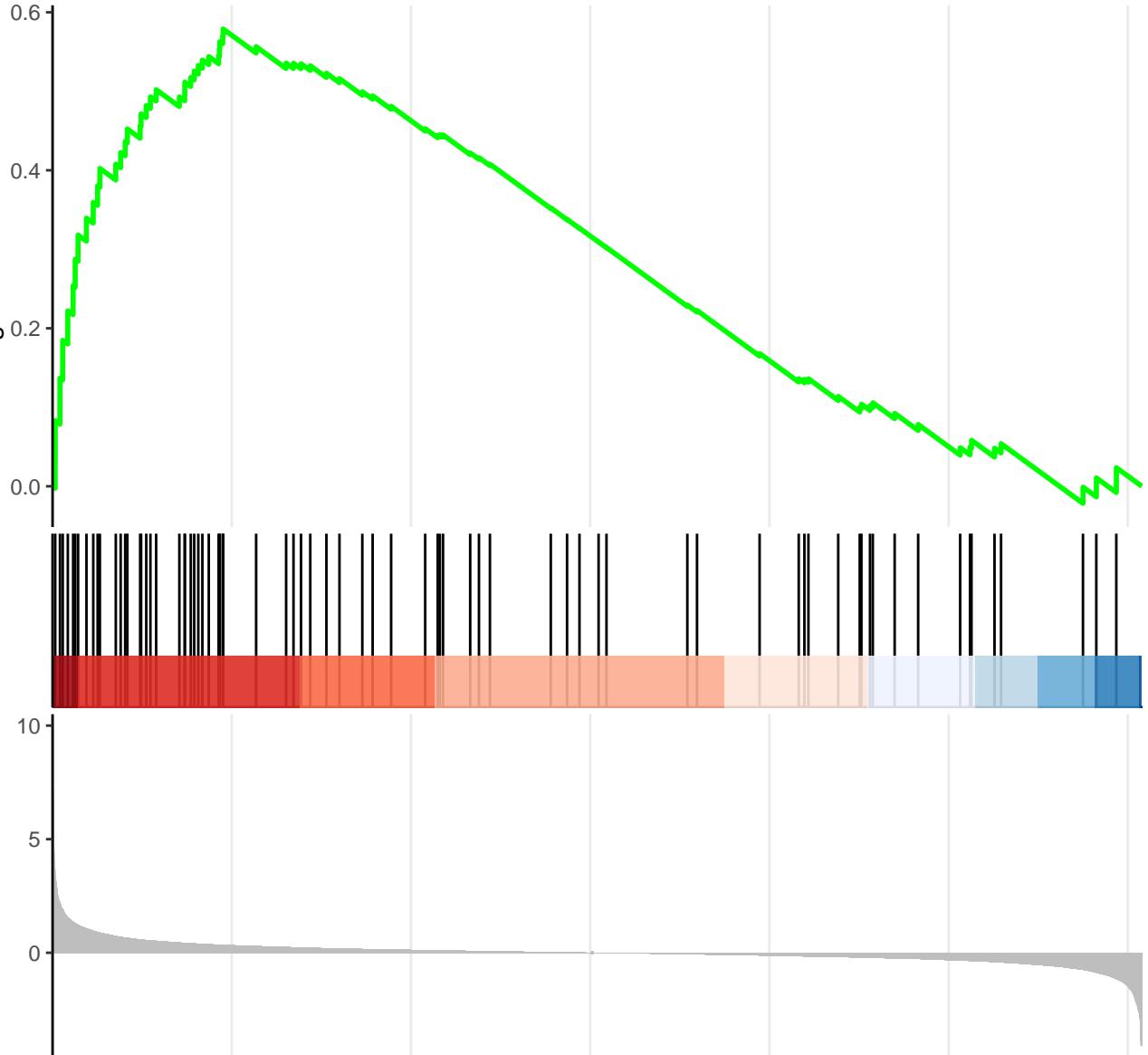
Rank in Ordered Dataset

# GOBP\_ENERGY\_RESERVE\_METABOLIC\_PROCESS

Running Enrichment Score



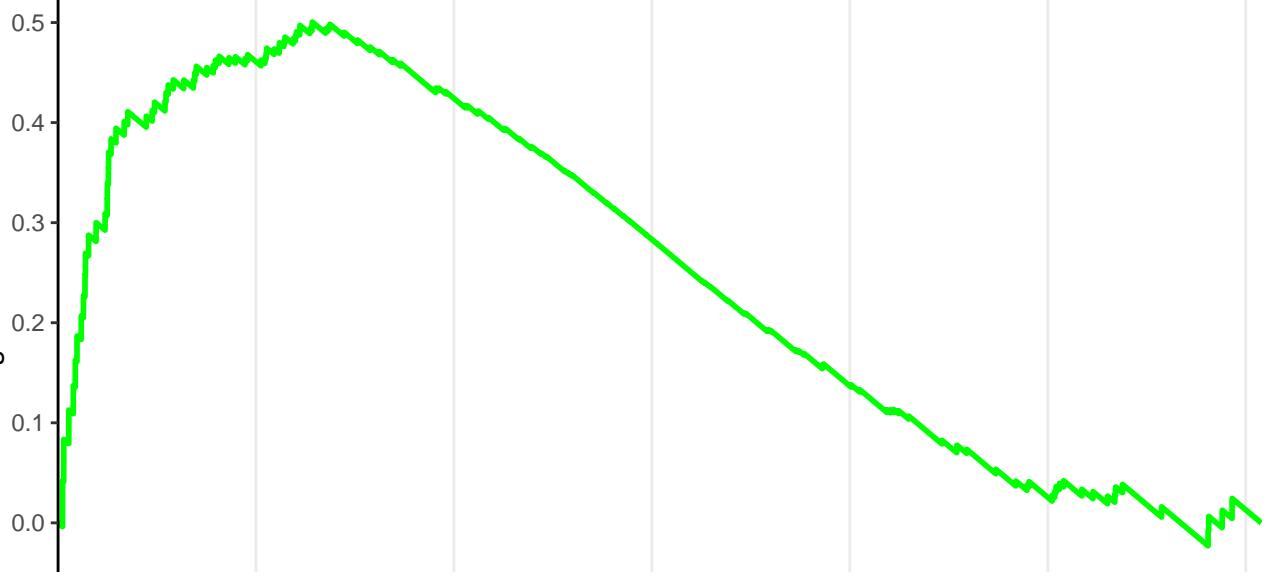
Ranked List Metric



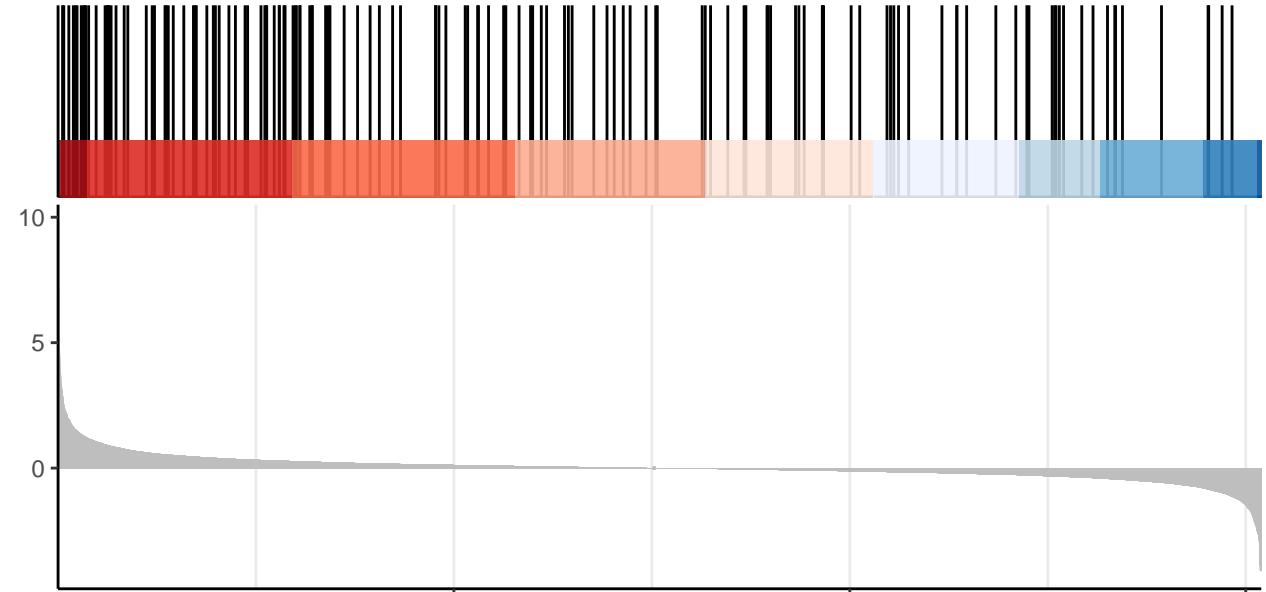
Rank in Ordered Dataset

# GOBP\_SULFUR\_COMPOUND\_BIOSYNTHETIC\_PROCESS

Running Enrichment Score

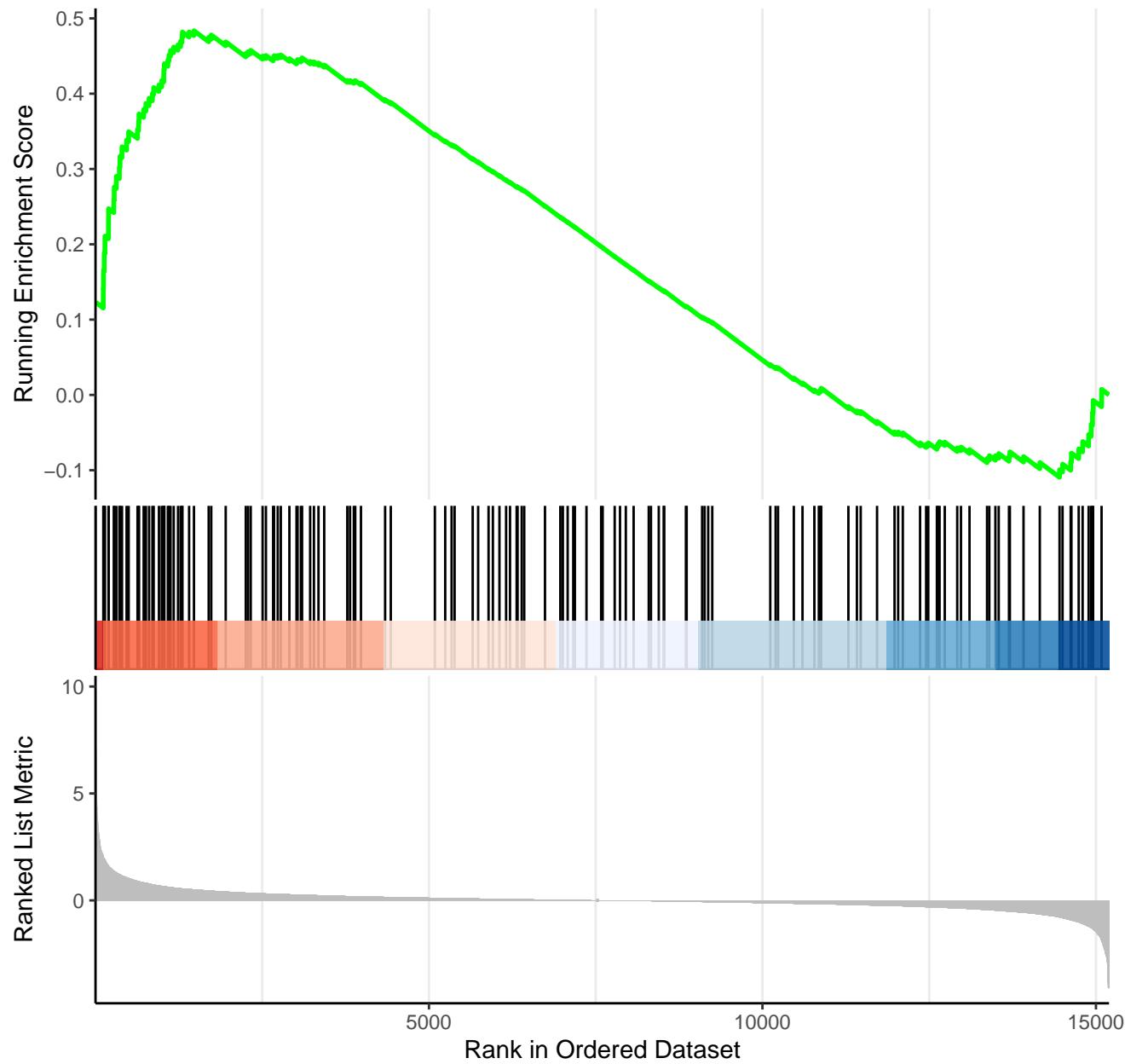


Ranked List Metric

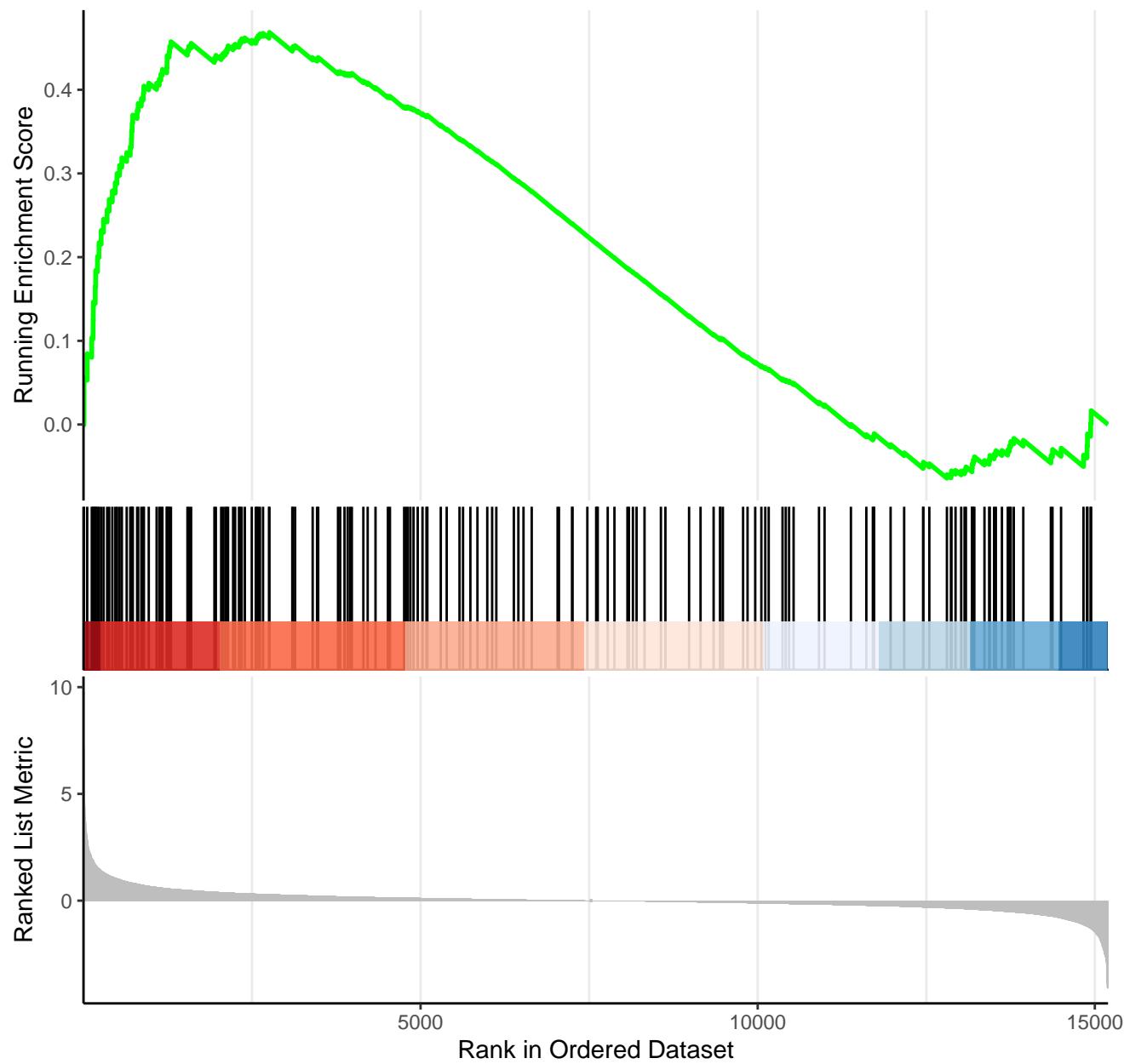


Rank in Ordered Dataset

# GOCC\_ADHERENS\_JUNCTION

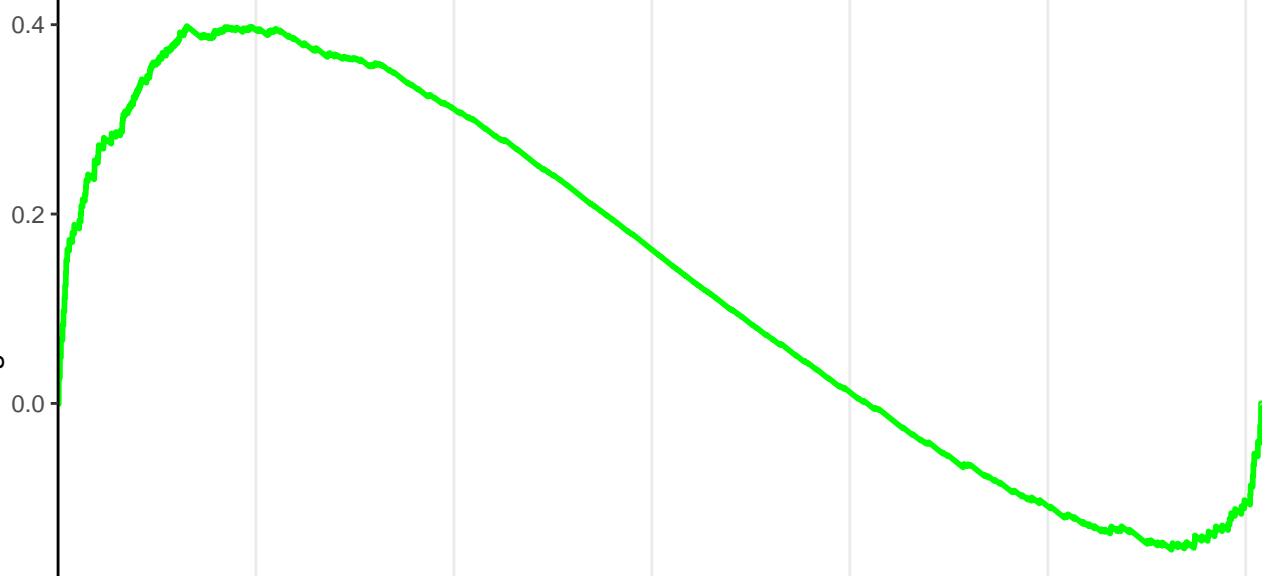


# GOBP\_REGULATION\_OF\_CELL\_SUBSTRATE\_ADHESION

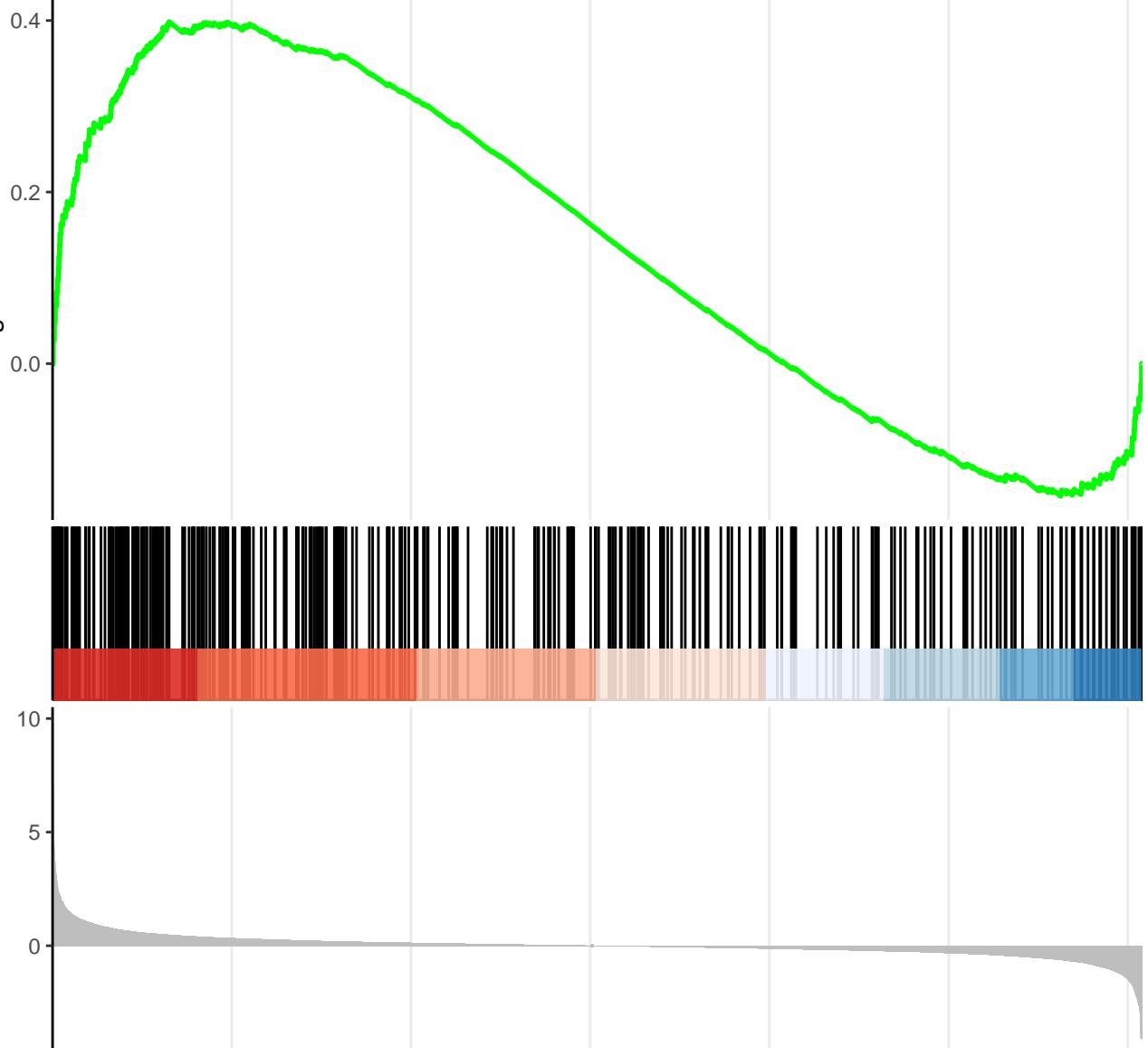


# GOBP\_RESPONSE\_TO\_PEPTIDE\_HORMONE

Running Enrichment Score



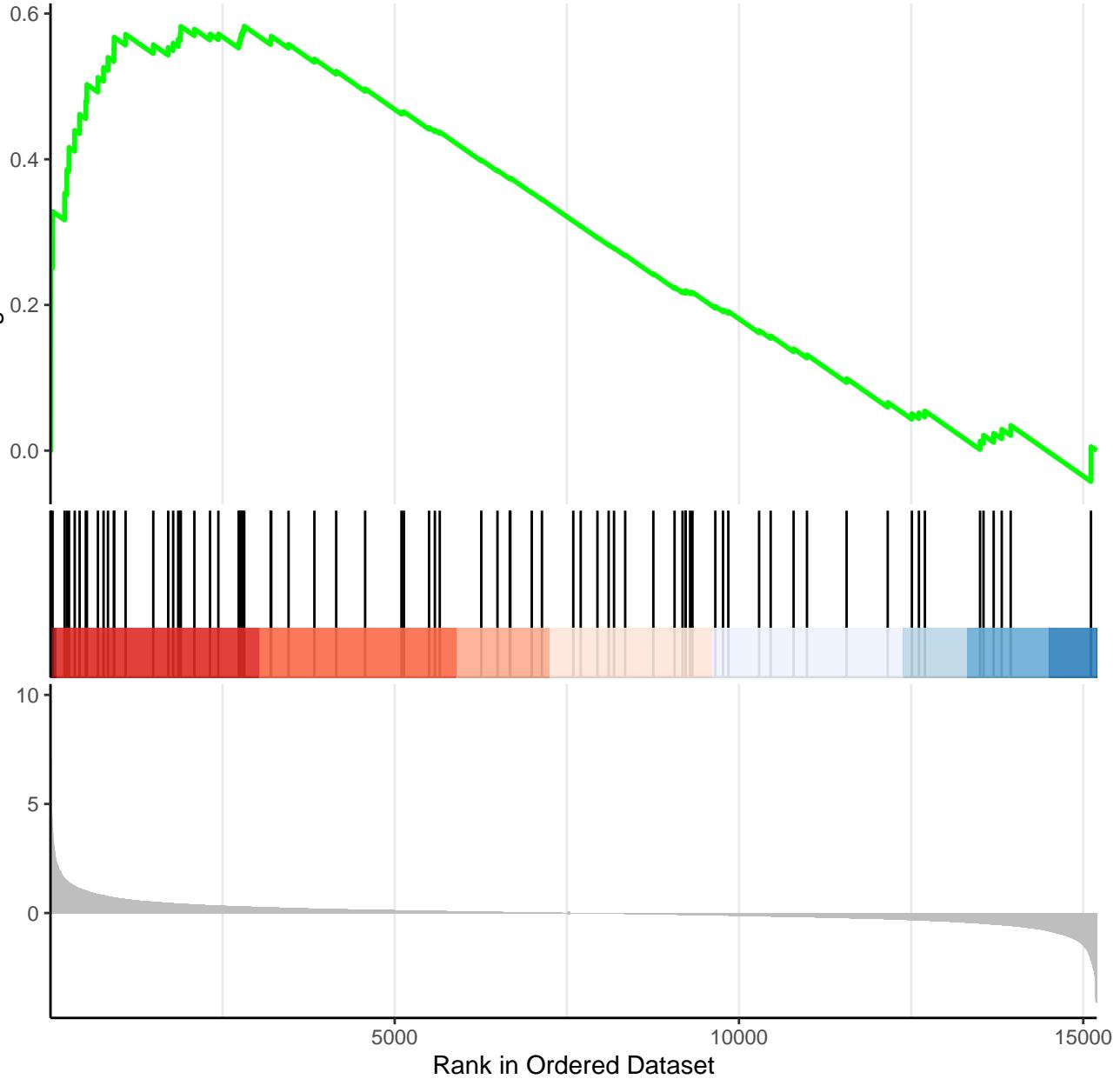
Ranked List Metric



Rank in Ordered Dataset

# GOMF\_FLAVIN\_ADENINE\_DINUCLEOTIDE\_BINDING

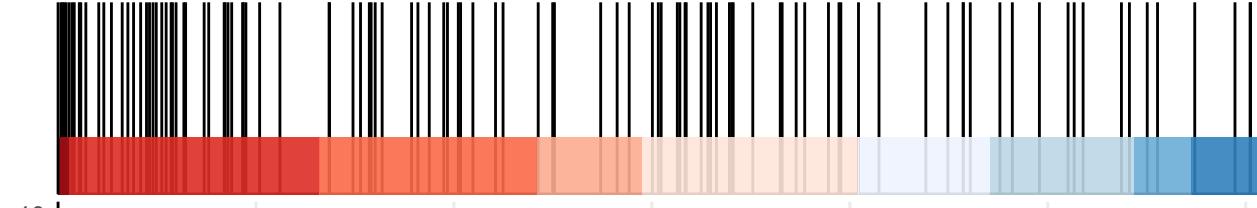
Running Enrichment Score



# GOBP\_INSULIN\_RECEPTOR\_SIGNALING\_PATHWAY

Running Enrichment Score

0.4  
0.2  
0.0



Ranked List Metric

10  
5  
0

5000 10000 15000

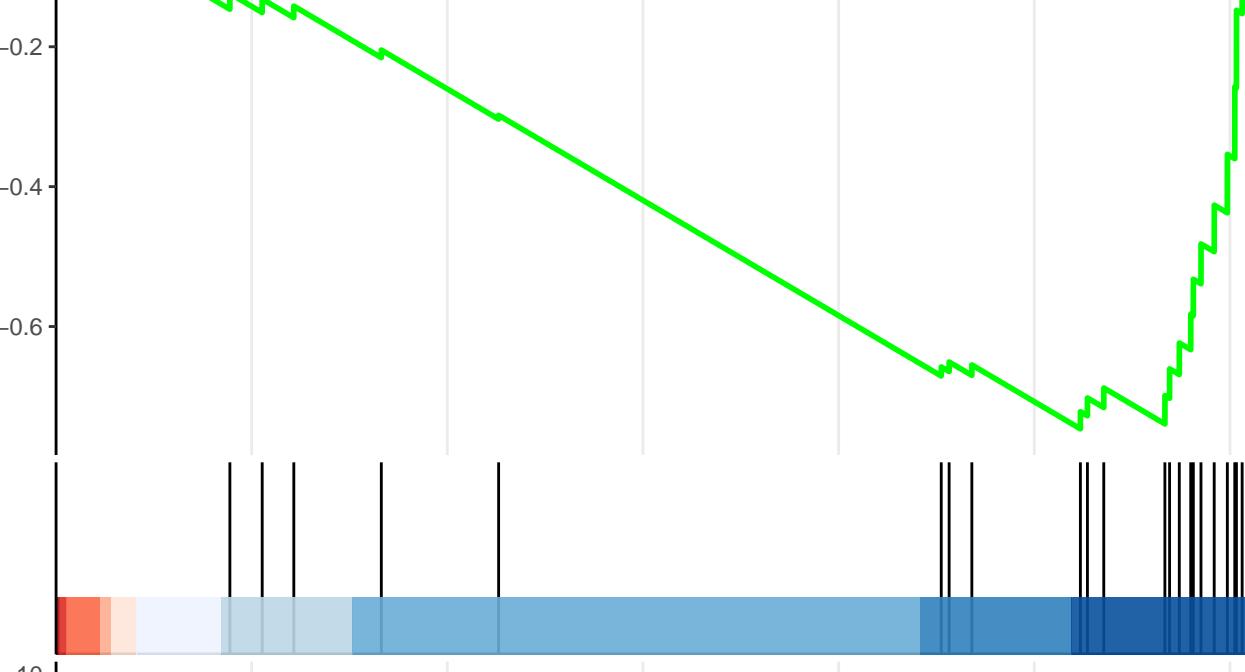
Rank in Ordered Dataset

# GOBP\_EPIDERMIS\_MORPHOGENESIS

Running Enrichment Score

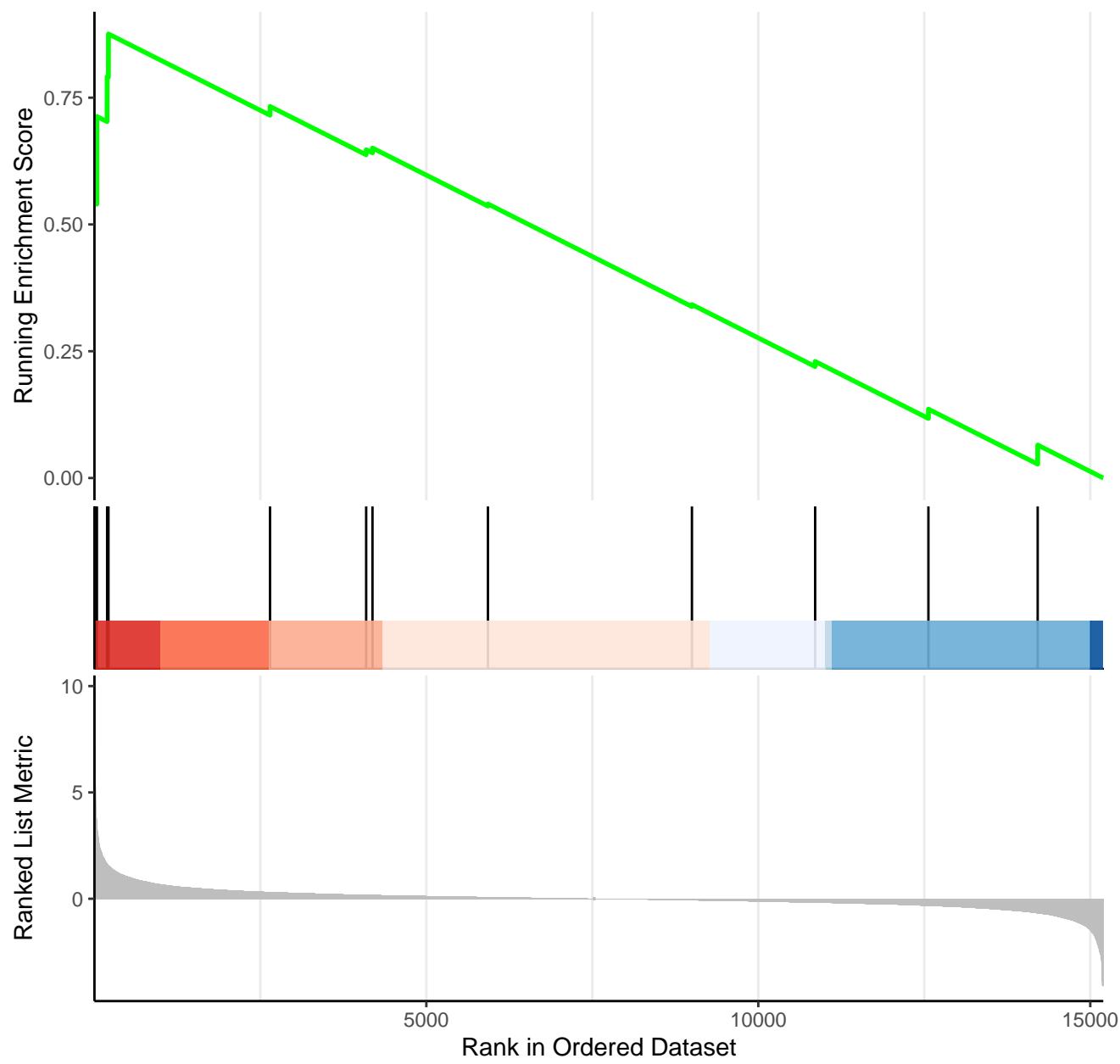


Ranked List Metric



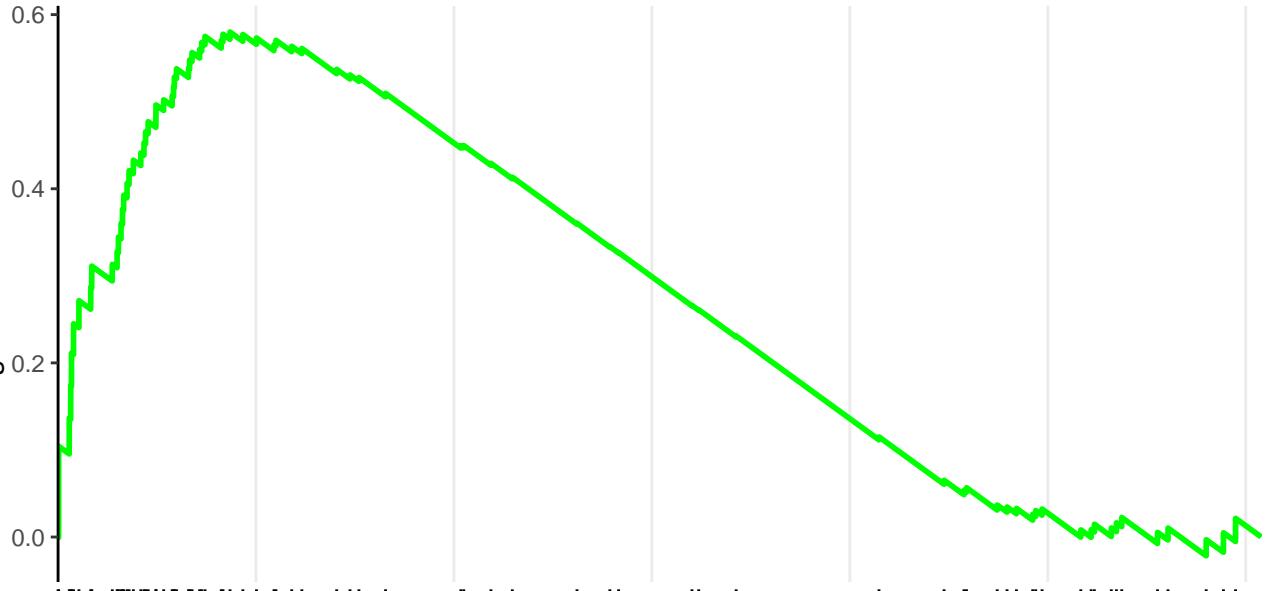
Rank in Ordered Dataset

# GOBP\_REGULATION\_OF\_PEROXISOME\_PROLIFERATOR\_ACTIVATED\_RECEP

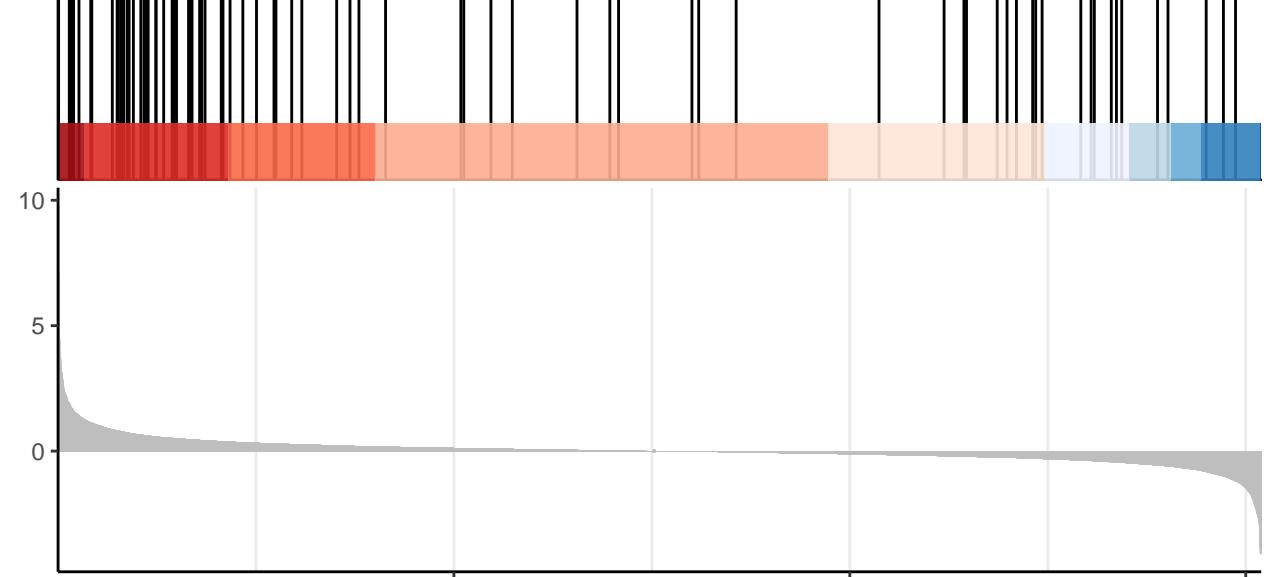


# GOCC\_ACTIN\_FILAMENT\_BUNDLE

Running Enrichment Score



Ranked List Metric



Rank in Ordered Dataset

# HP\_LIPODYSTROPHY

Running Enrichment Score

0.4

0.2

0.0

5000

10000

15000

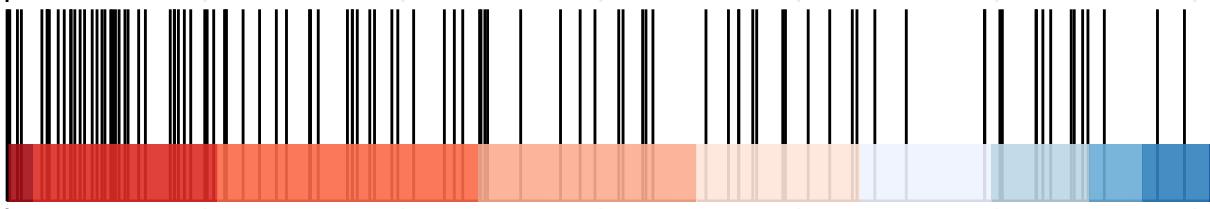
Rank in Ordered Dataset

Ranked List Metric

10

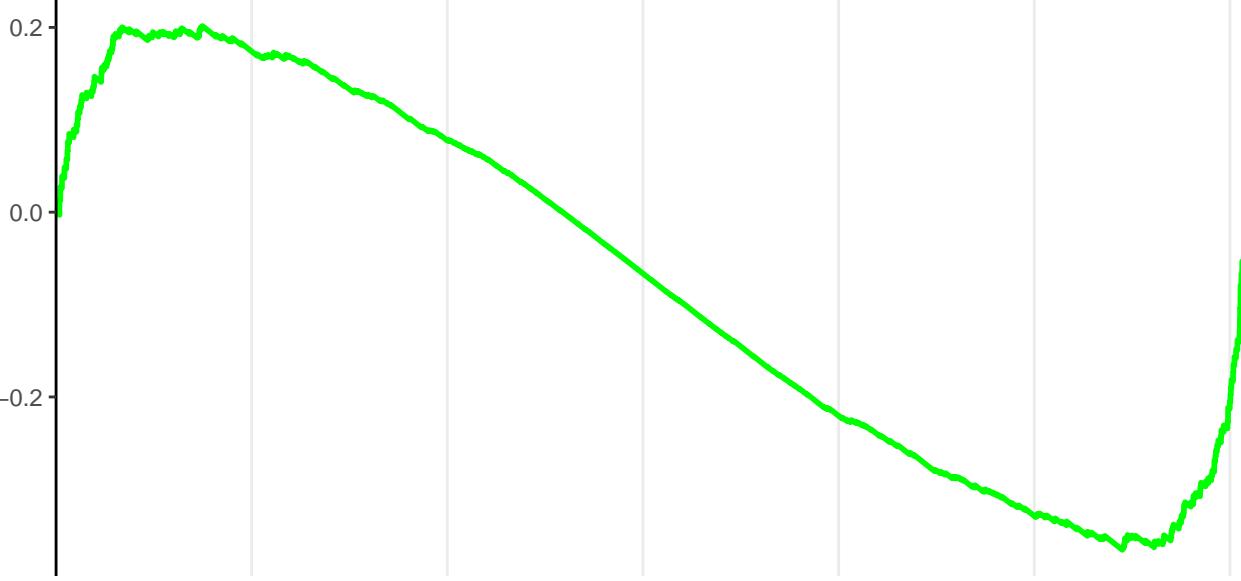
5

0



# GOBP\_AXON\_DEVELOPMENT

Running Enrichment Score



Ranked List Metric



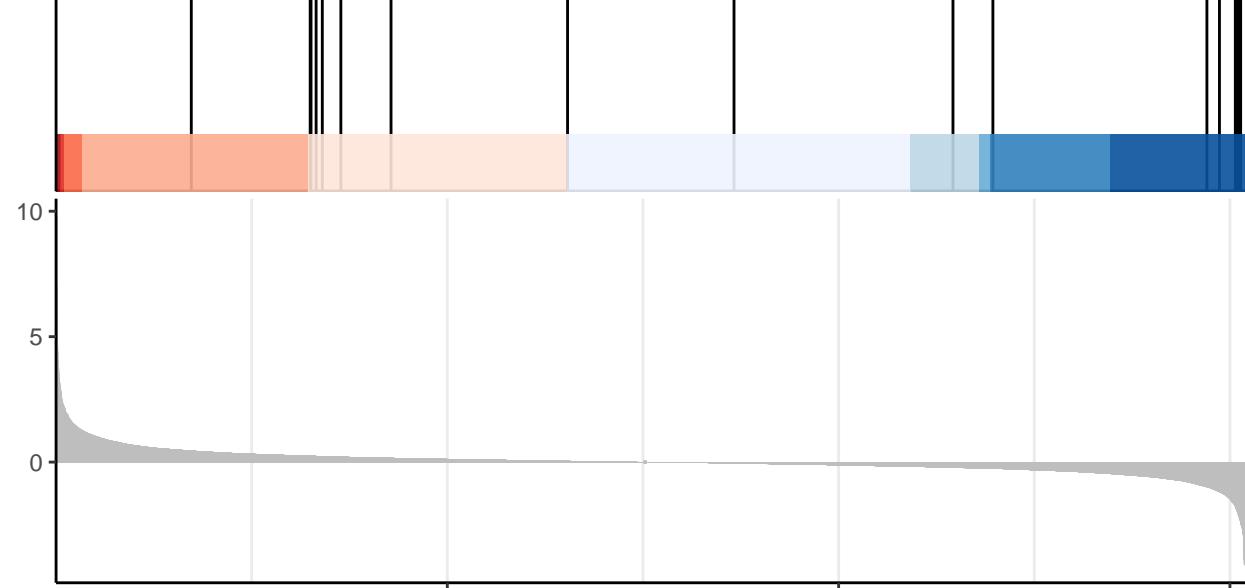
Rank in Ordered Dataset

# GOBP\_SENSORY\_PERCEPTION\_OF\_TEMPERATURE\_STIMULUS

Running Enrichment Score



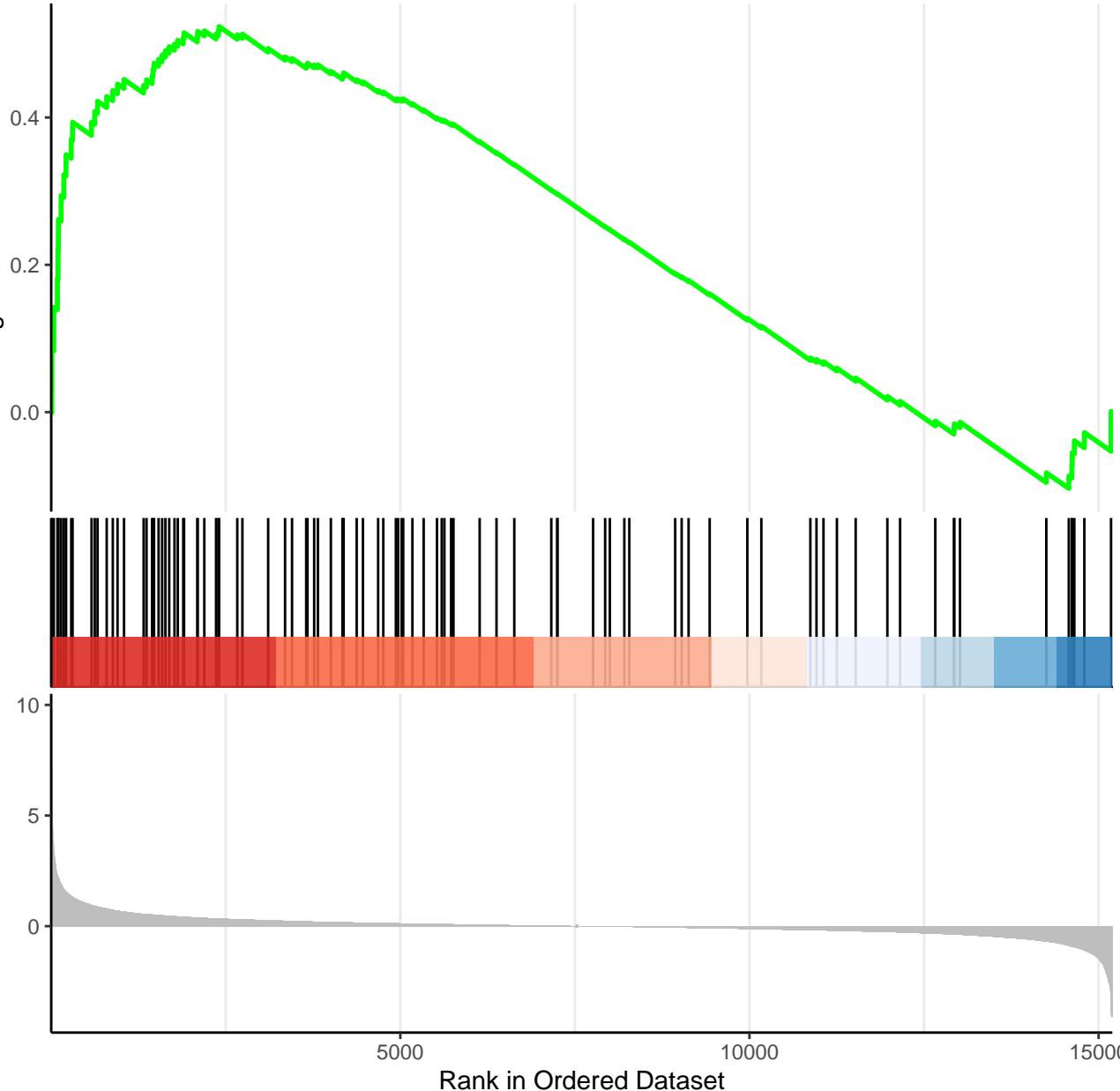
Ranked List Metric



Rank in Ordered Dataset

# GOBP\_CARBOHYDRATE\_TRANSPORT

Running Enrichment Score



Ranked List Metric

5000

10000

15000

Rank in Ordered Dataset

# GOBP\_MONOSACCHARIDE\_METABOLIC\_PROCESS

Running Enrichment Score

0.4  
0.3  
0.2  
0.1  
0.0



Ranked List Metric

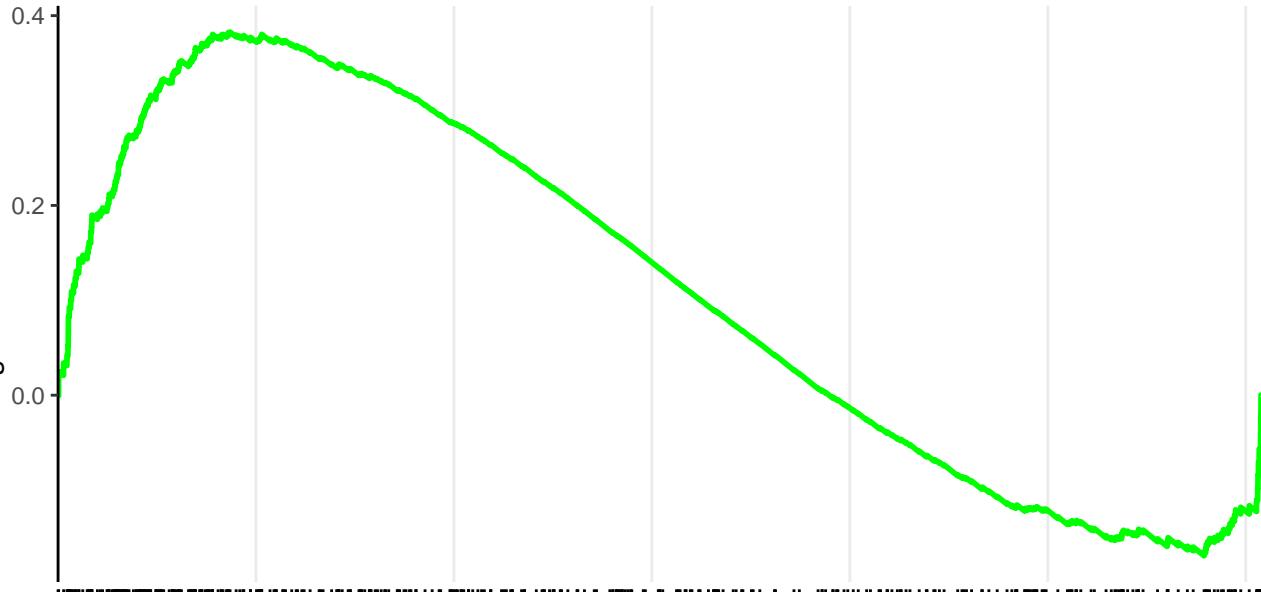
10  
5  
0

5000 10000 15000

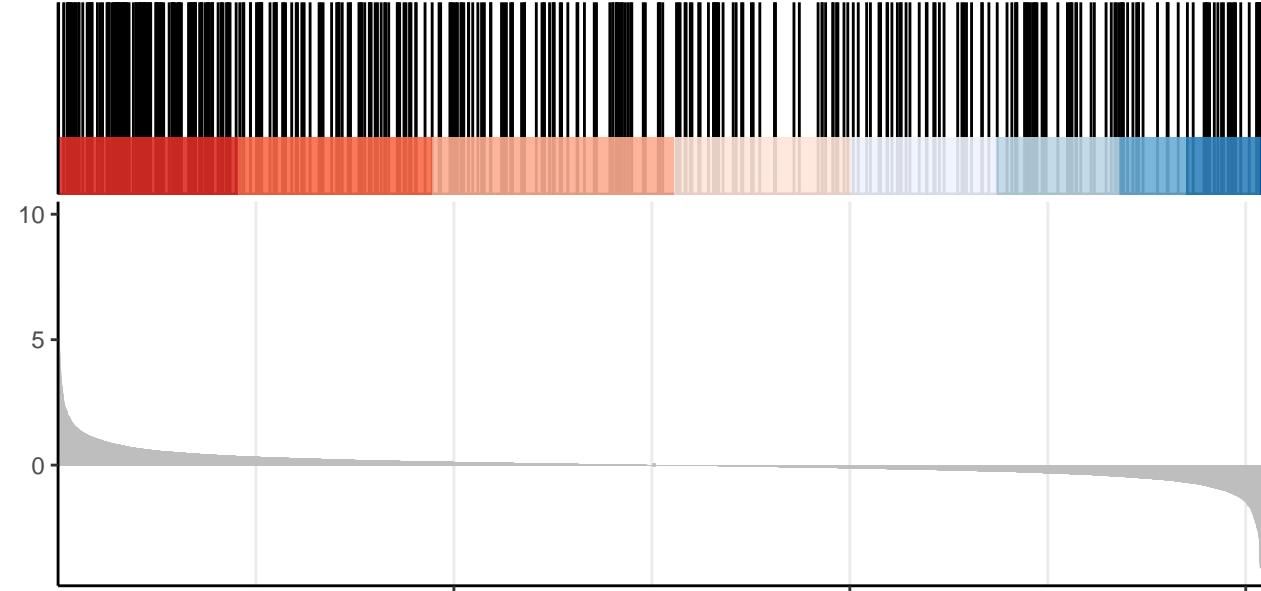
Rank in Ordered Dataset

# GOCC\_ACTIN\_CYTOSKELETON

Running Enrichment Score



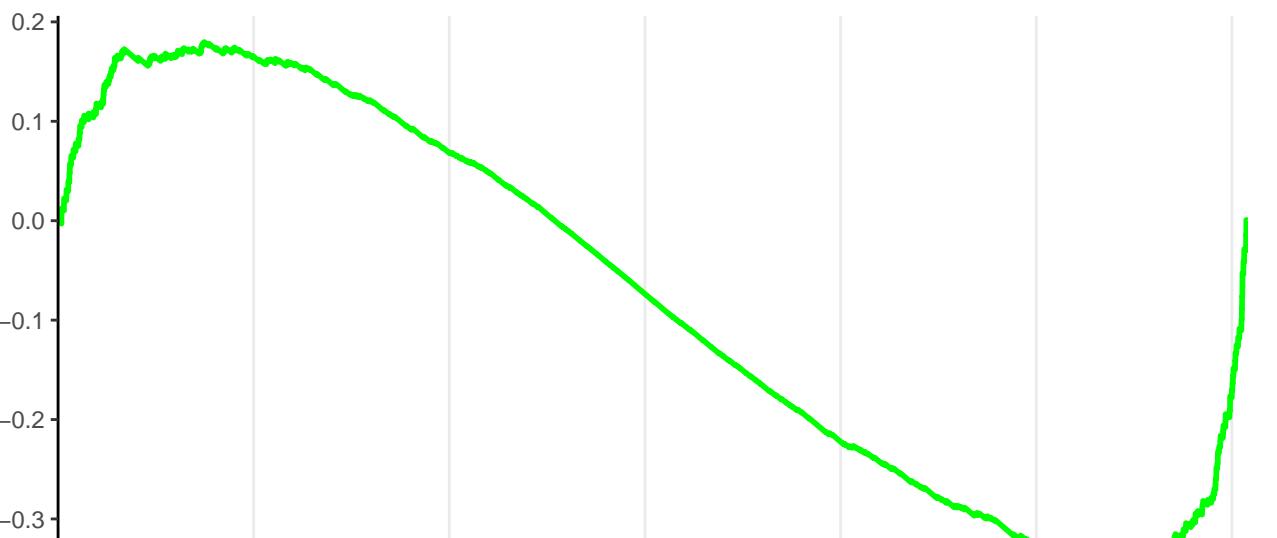
Ranked List Metric



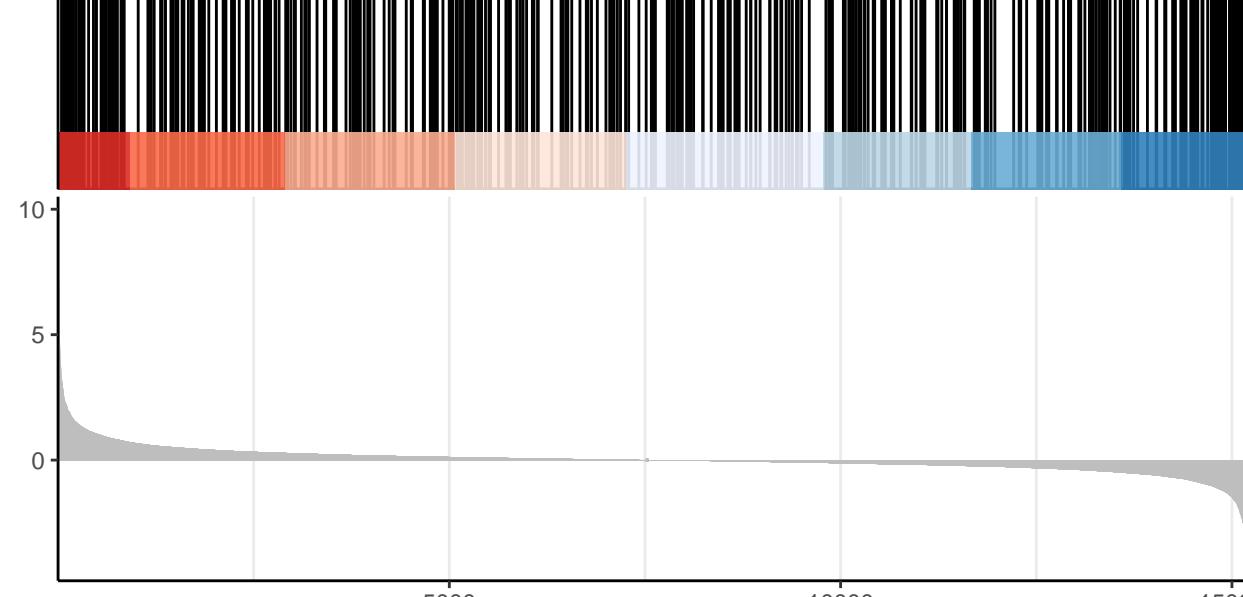
Rank in Ordered Dataset

# GOBP\_CELL\_MORPHOGENESIS\_INVOLVED\_IN\_NEURON\_DIFFERENTIATION

Running Enrichment Score



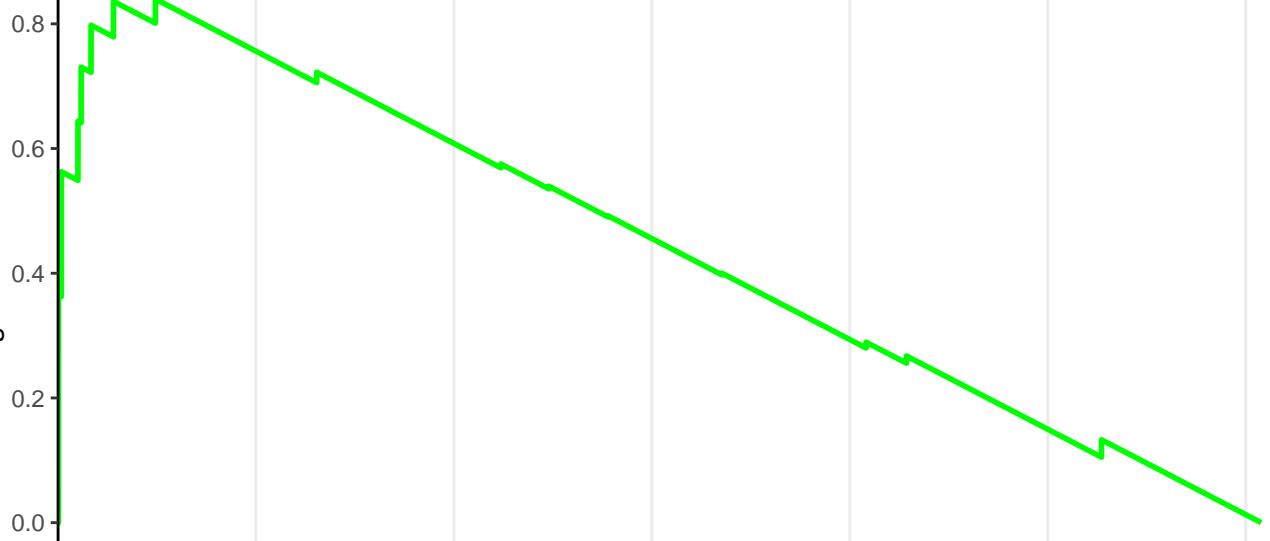
Ranked List Metric



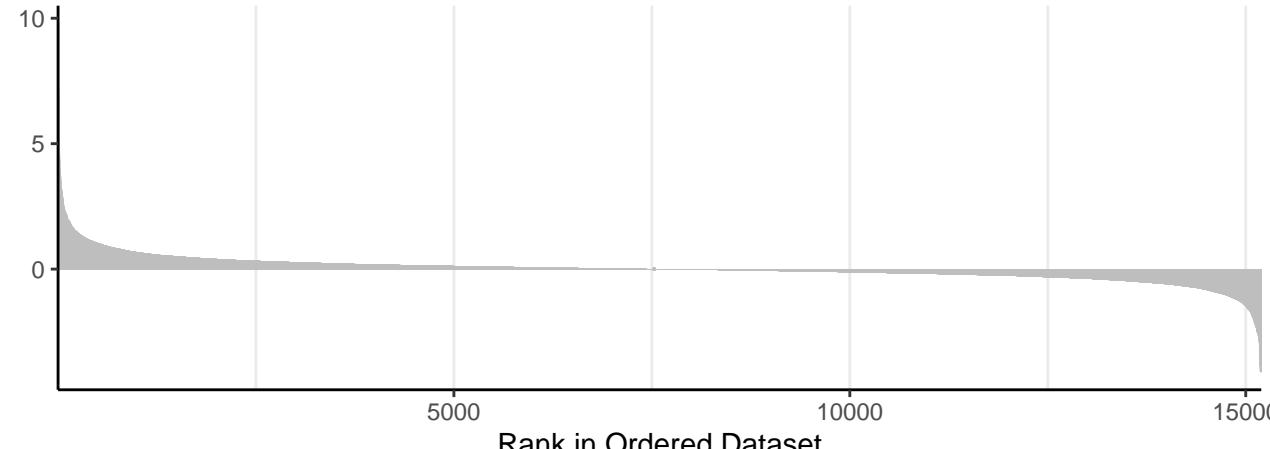
Rank in Ordered Dataset

# GOBP GLUTAMINE\_FAMILY\_AMINO\_ACID\_CATABOLIC\_PROCESS

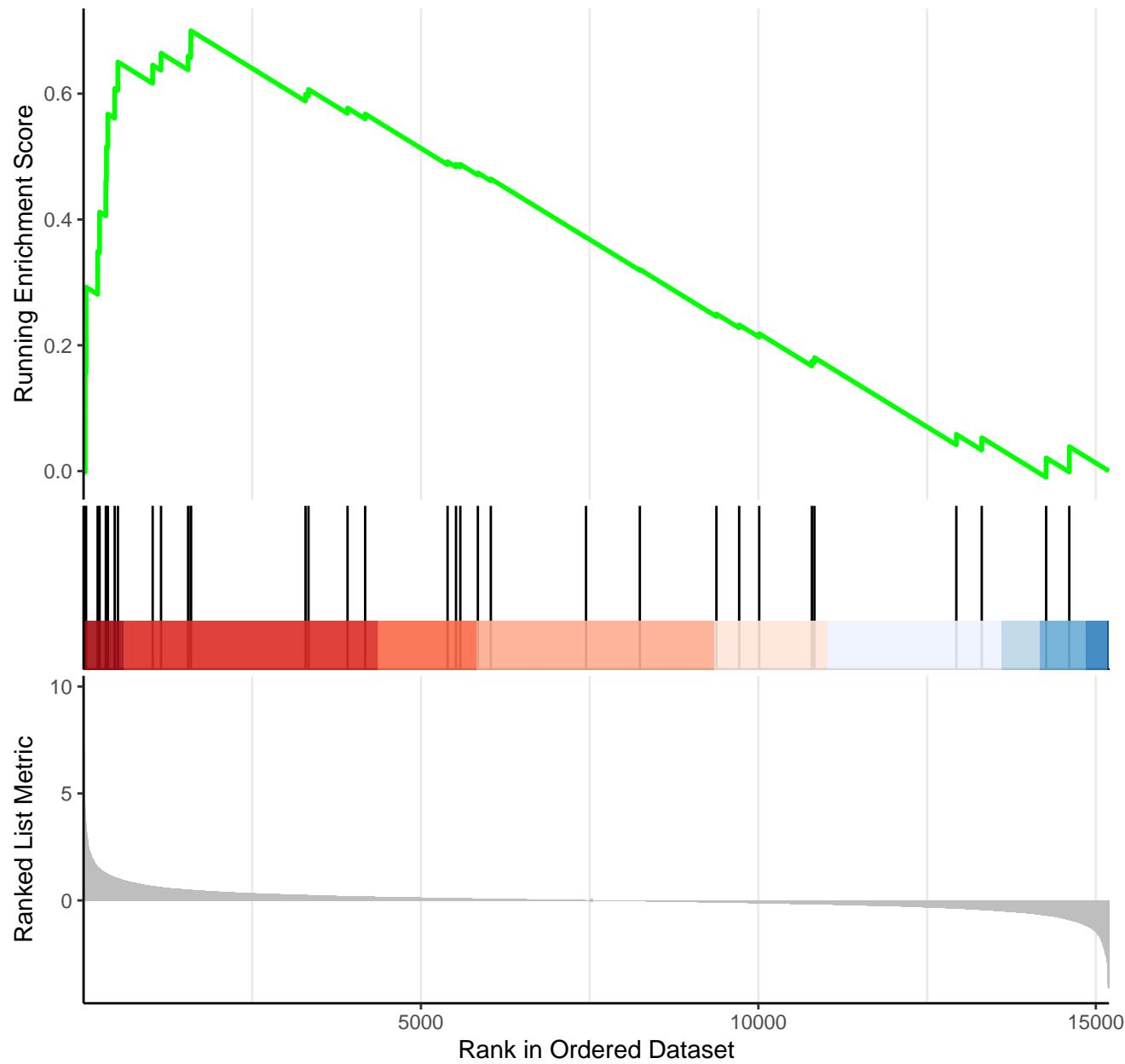
Running Enrichment Score



Ranked List Metric



# GOBP\_ENDOCRINE\_HORMONE\_SECRETION



# GOBP\_RESPONSE\_TO\_COPPER\_ION

Running Enrichment Score

0.0

0.2

0.4

0.6

0.8

1.0

Ranked List Metric

10

5

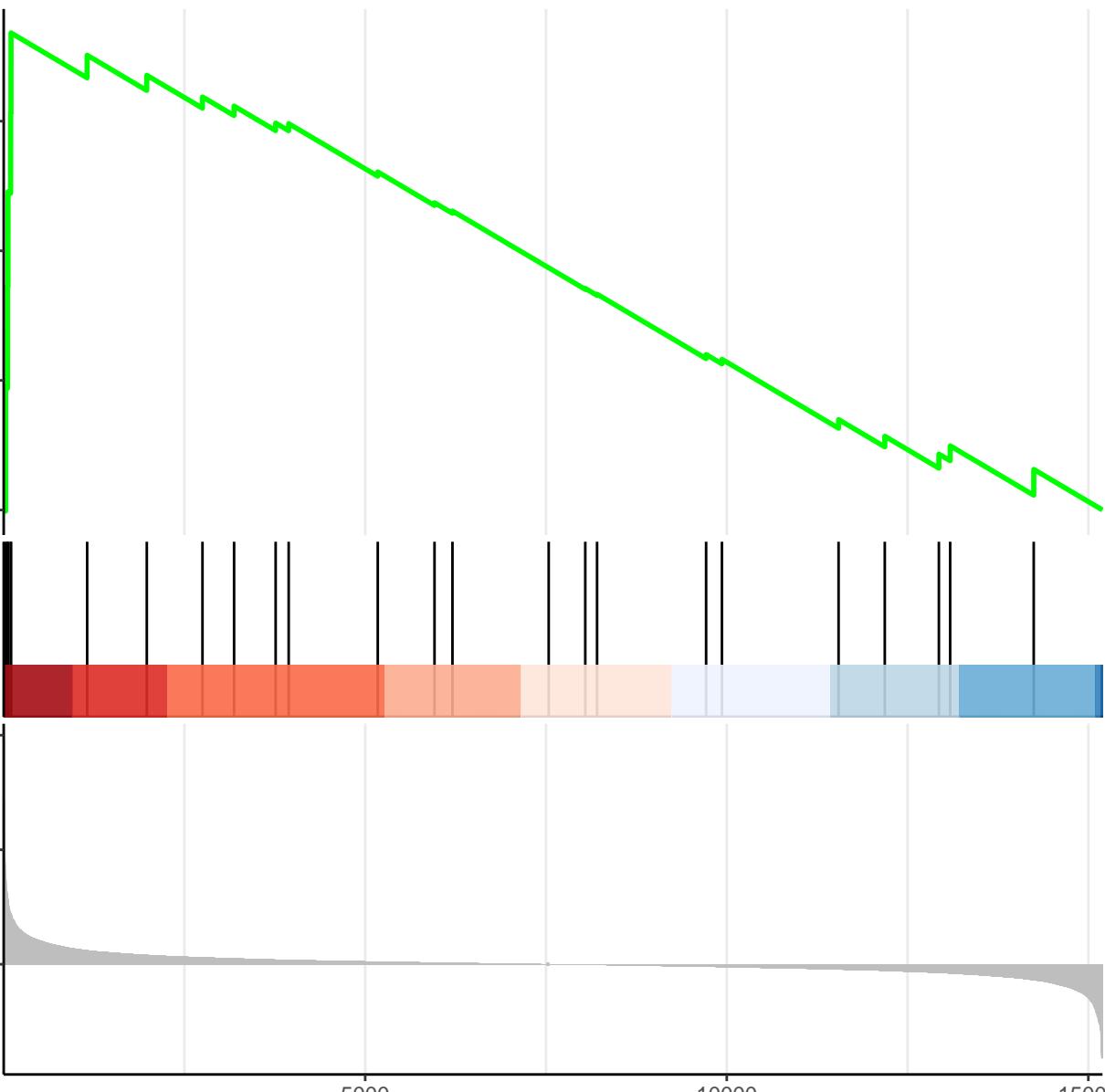
0

5000

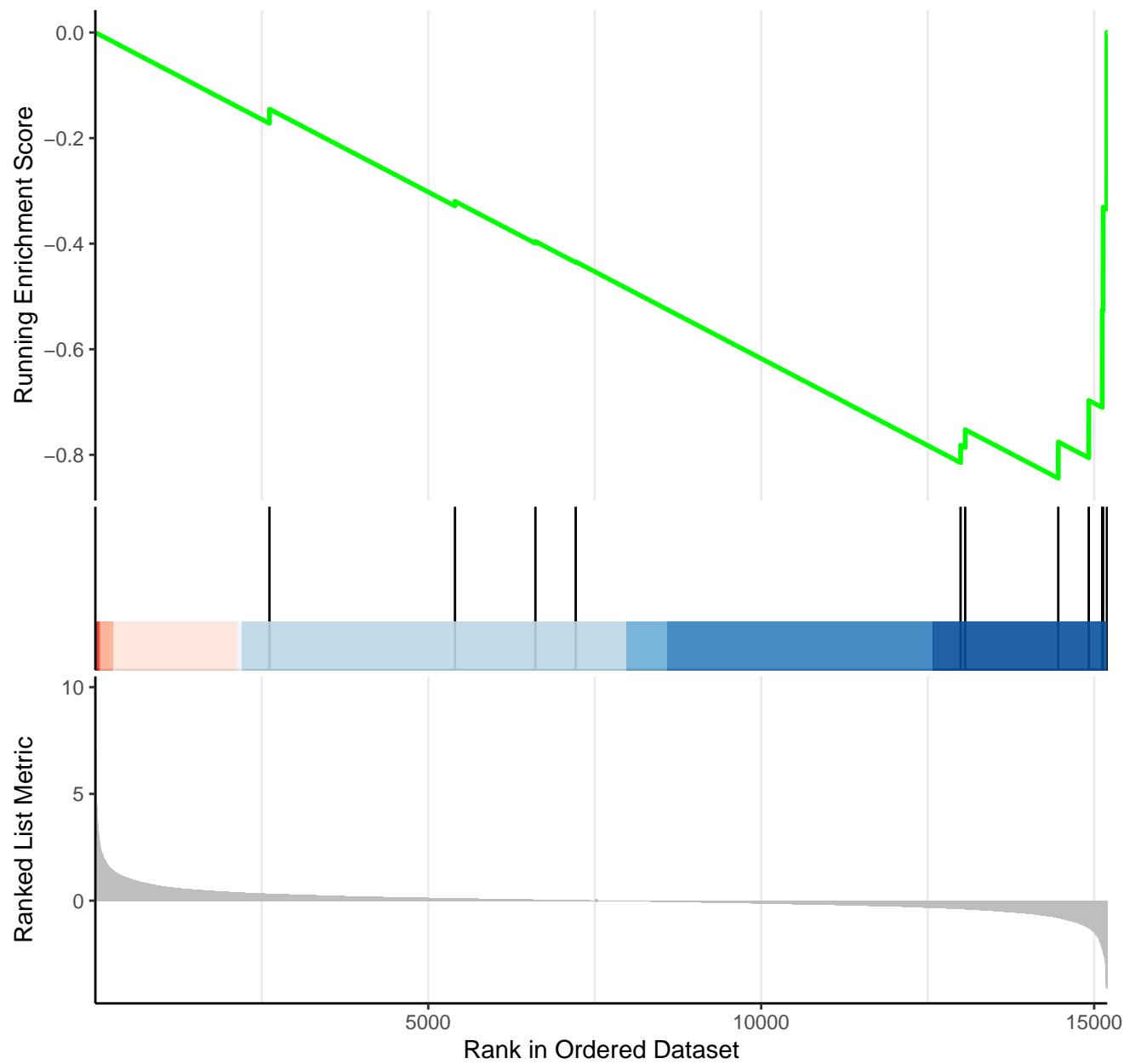
10000

15000

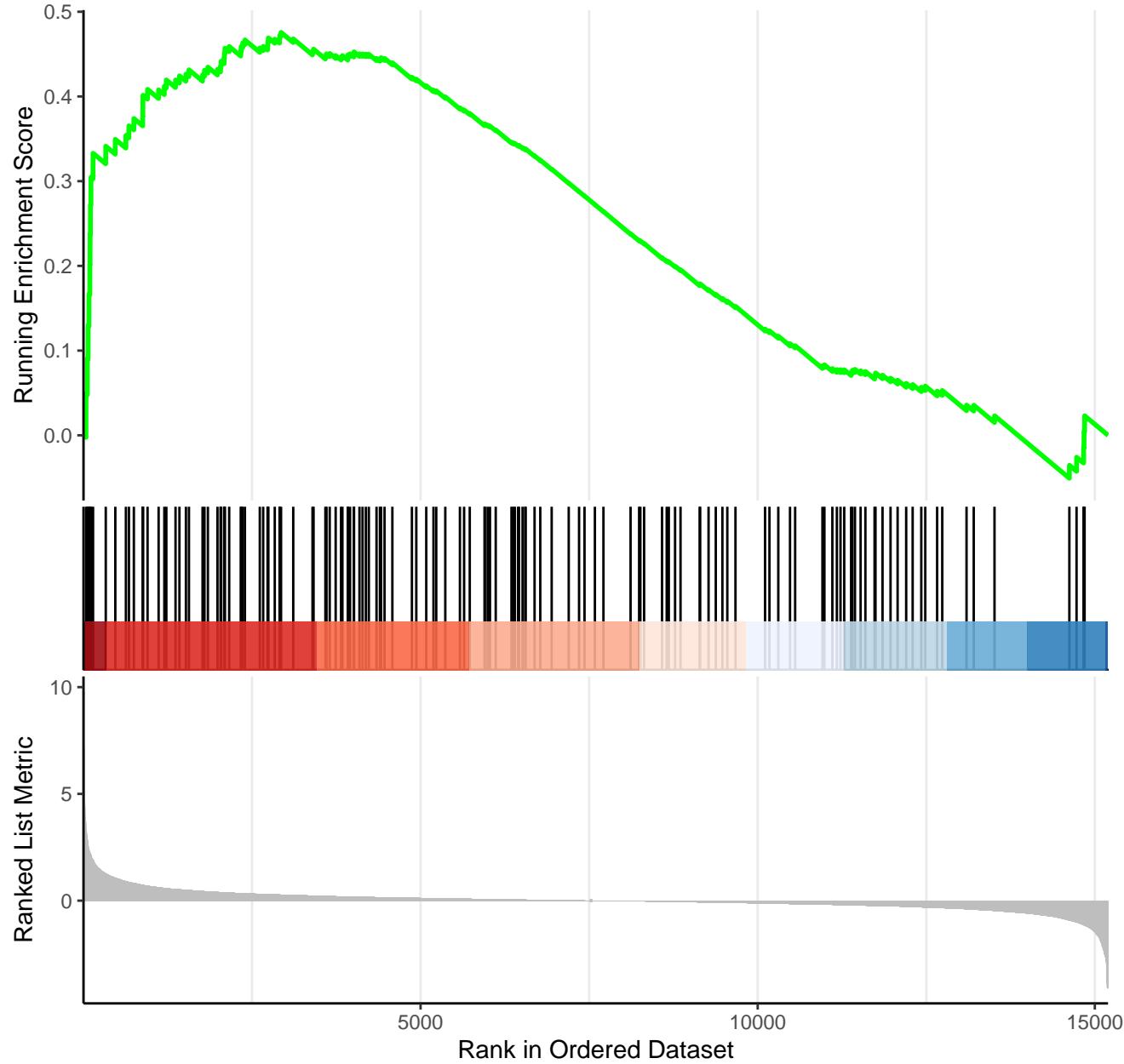
Rank in Ordered Dataset



# GOBP\_POSITIVE\_REGULATION\_OF\_CREB\_TRANSCRIPTION\_FACTOR\_ACTIVITY



# GOBP\_GLUCOSE\_METABOLIC\_PROCESS

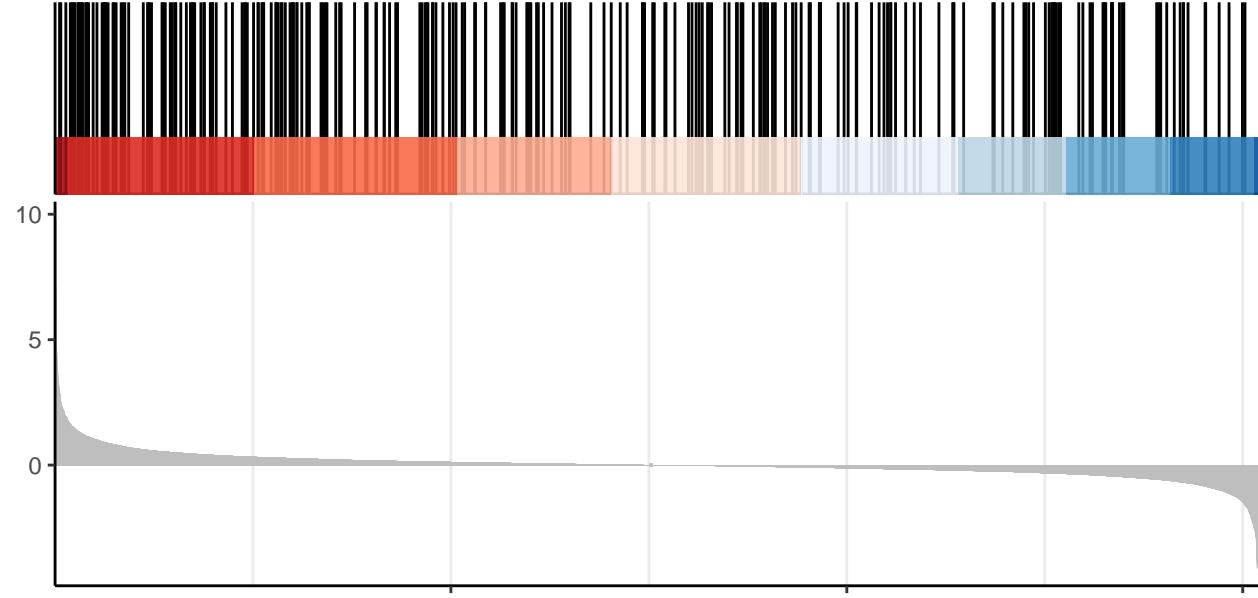


# GOBP\_SULFUR\_COMPOUND\_METABOLIC\_PROCESS

Running Enrichment Score



Ranked List Metric



Rank in Ordered Dataset

# GOBP\_AMIDE\_METABOLIC\_PROCESS

