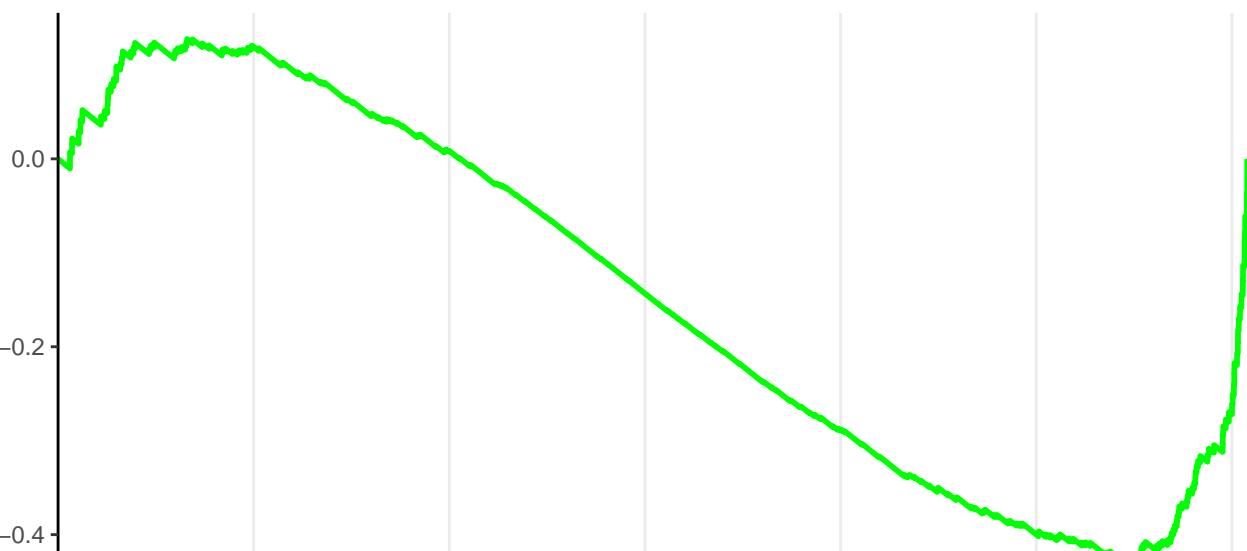
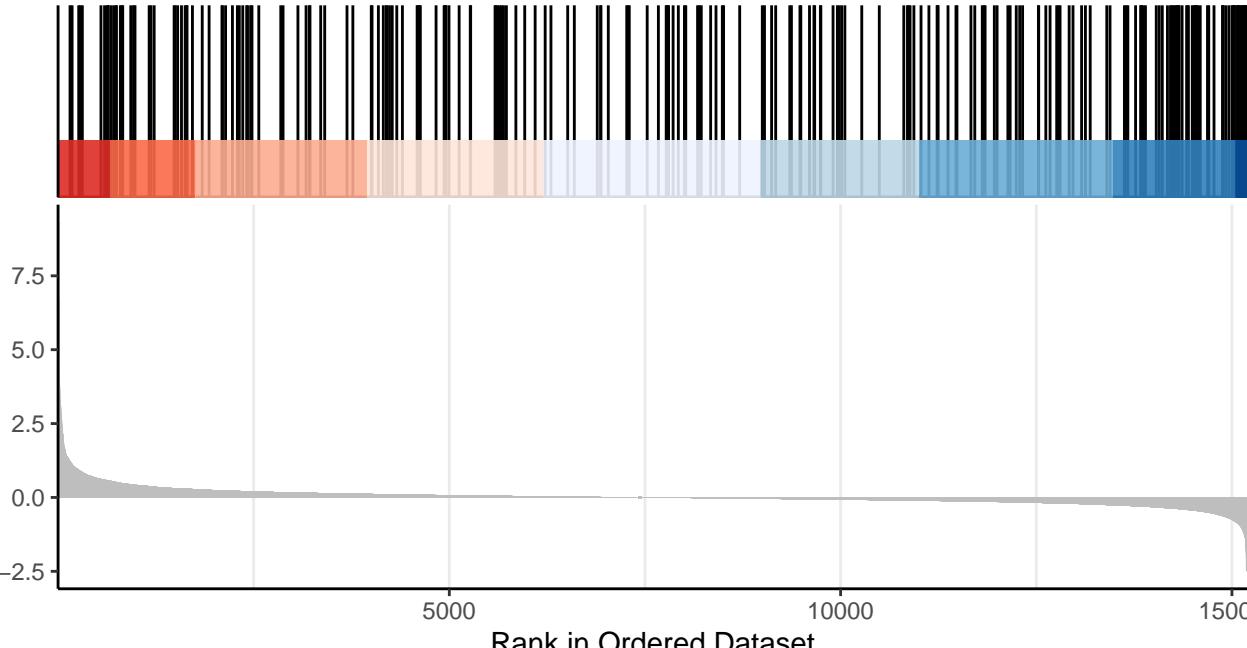


# GOCC\_SYNAPTIC\_MEMBRANE

Running Enrichment Score

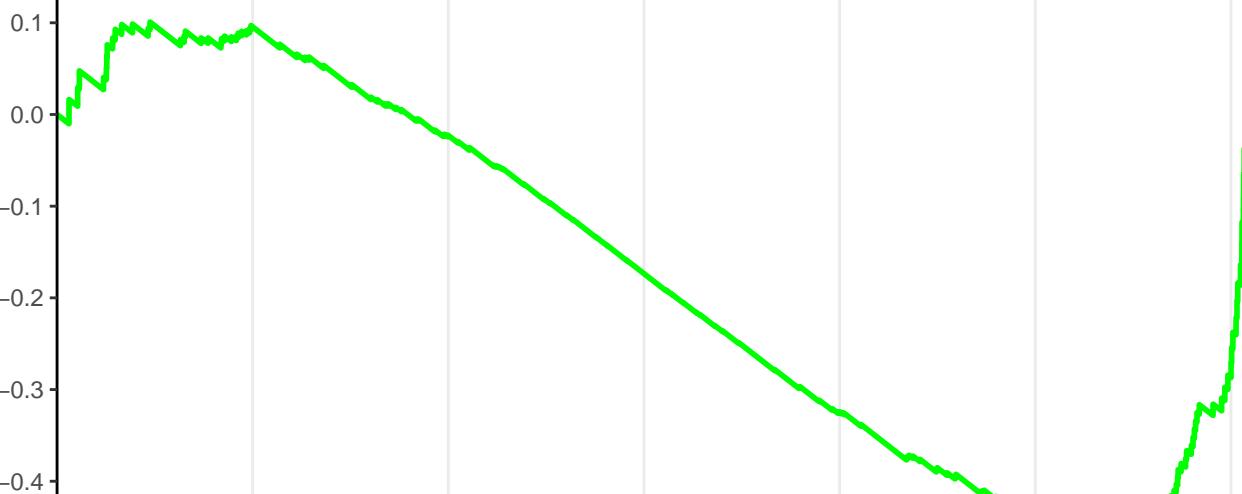


Ranked List Metric

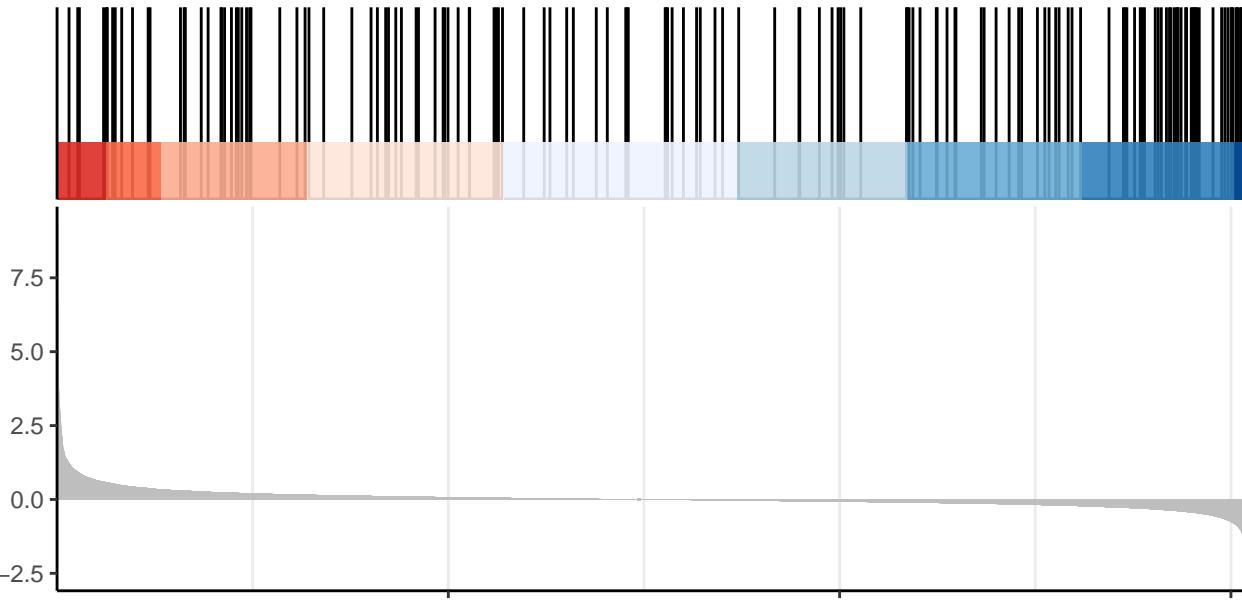


# GOCC\_POSTSYNAPTIC\_MEMBRANE

Running Enrichment Score



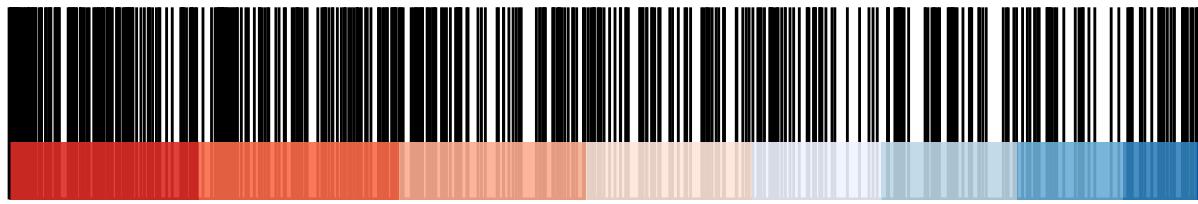
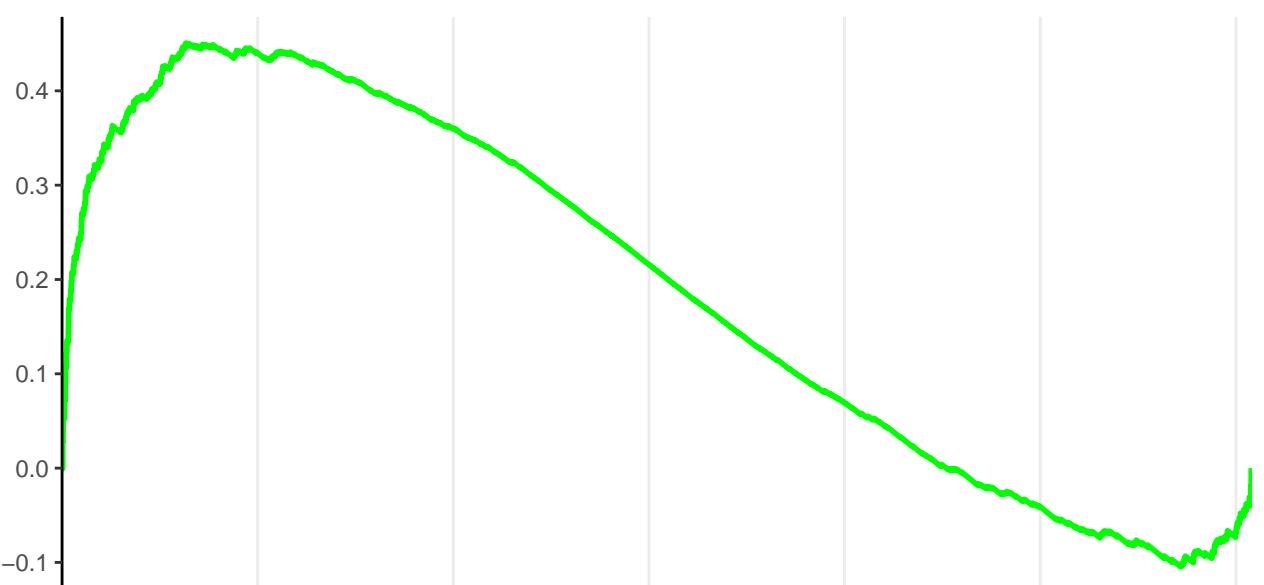
Ranked List Metric



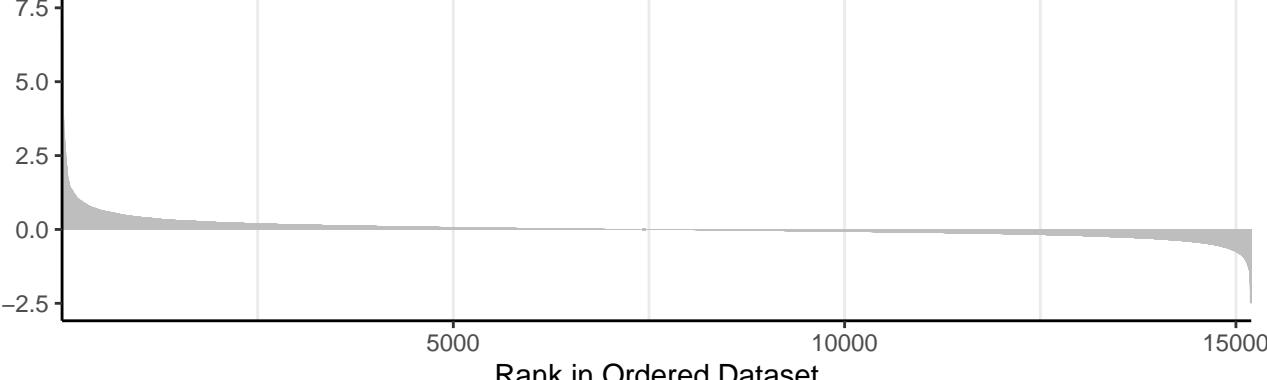
Rank in Ordered Dataset

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

Running Enrichment Score



Ranked List Metric

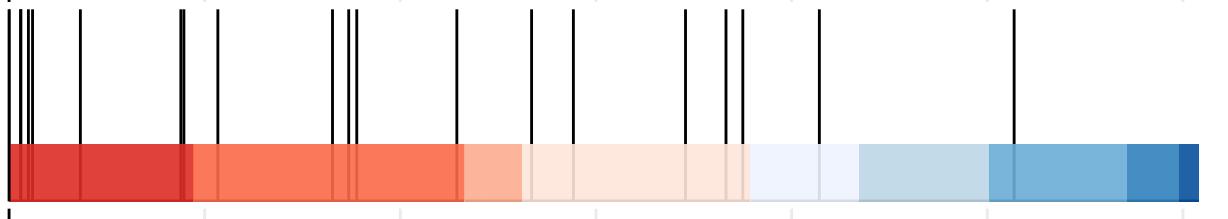


Rank in Ordered Dataset

# GOBP\_PEROXISOME\_PROLIFERATOR\_ACTIVATED\_RECECTOR\_SIGNALIN

Running Enrichment Score

0.75  
0.50  
0.25  
0.00



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5

5000

10000

15000

Rank in Ordered Dataset

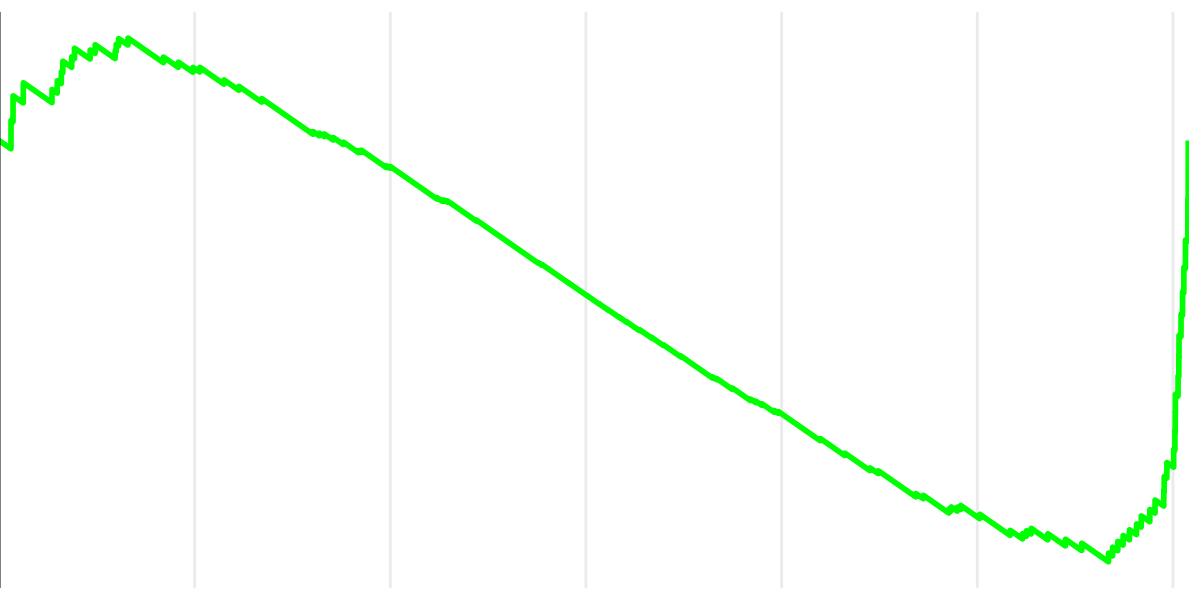
# GOCC\_PRESYNAPTIC\_MEMBRANE

Running Enrichment Score

0.0

-0.2

-0.4



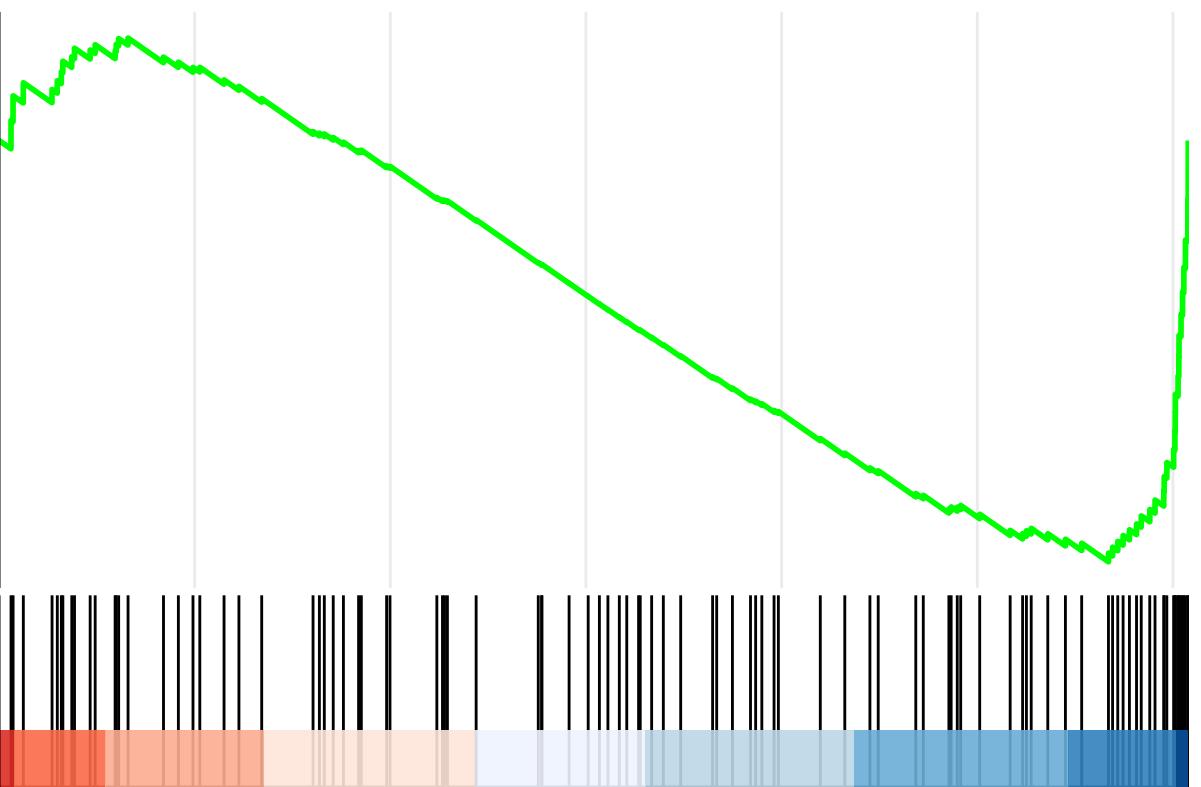
Ranked List Metric

7.5

5.0

2.5

-2.5



5000

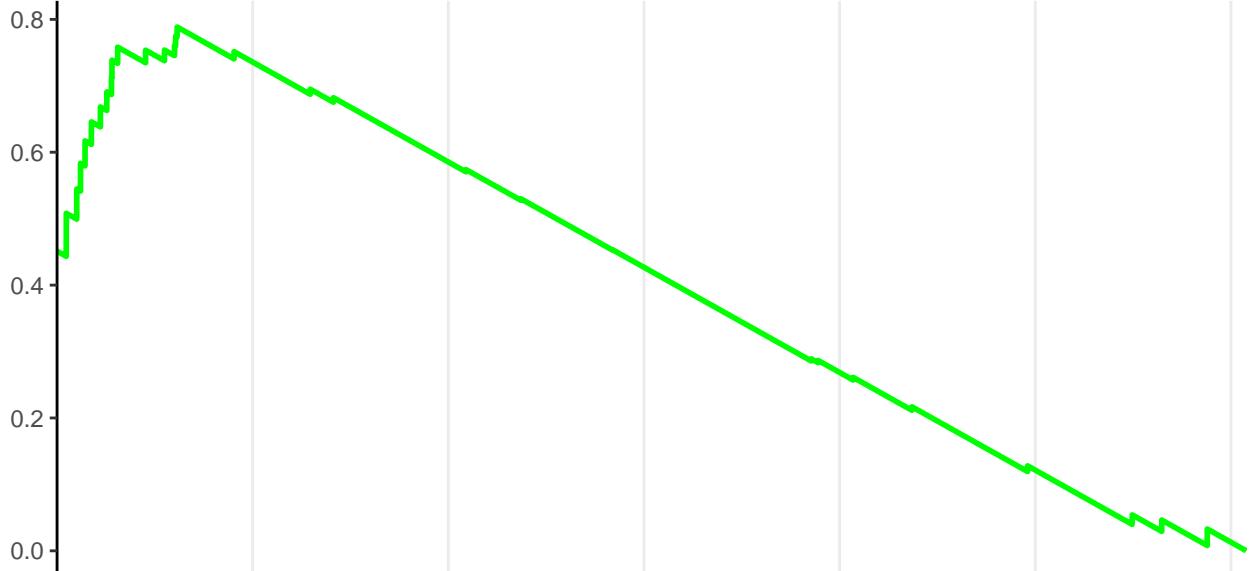
10000

15000

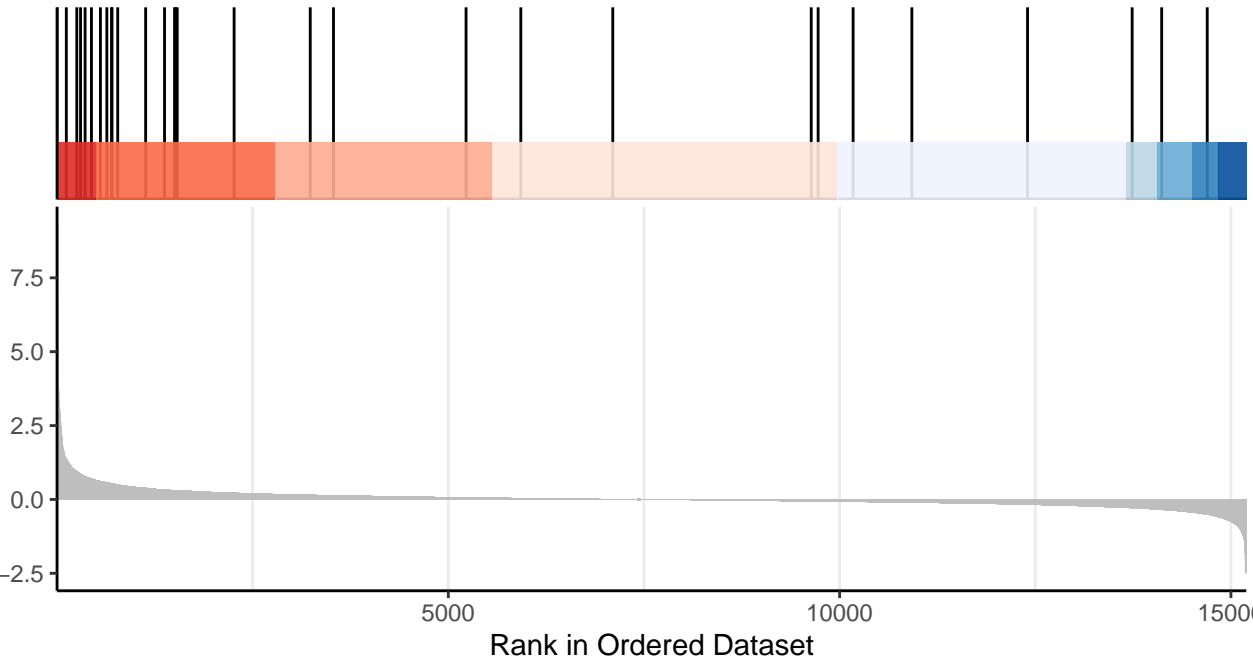
Rank in Ordered Dataset

# GOBP\_FOAM\_CELL\_DIFFERENTIATION

Running Enrichment Score

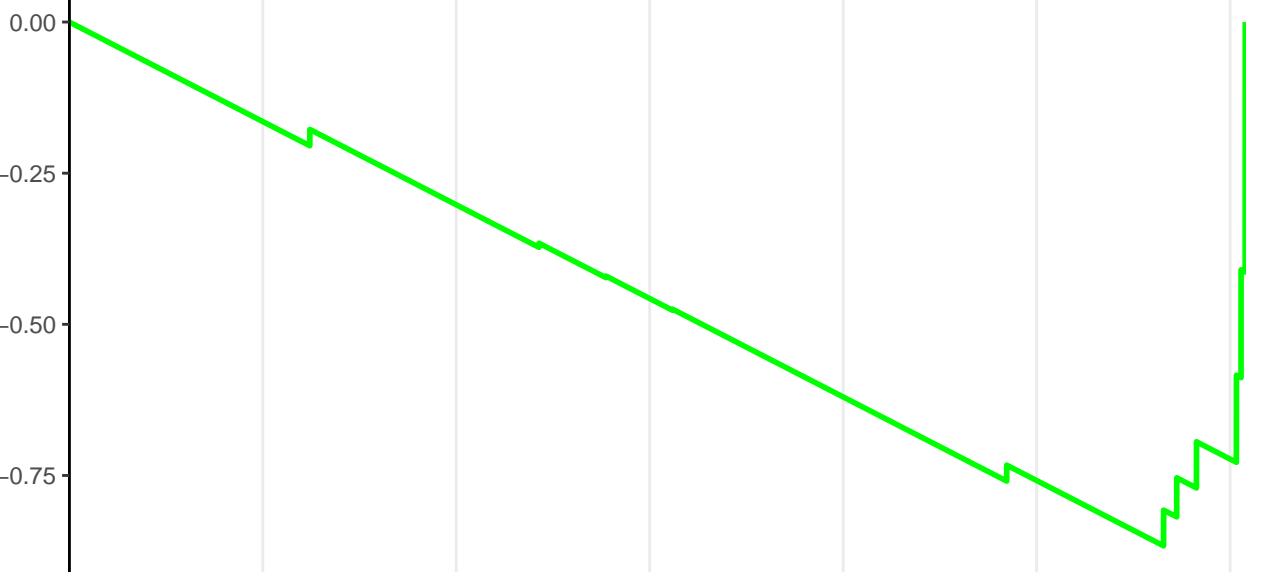


Ranked List Metric

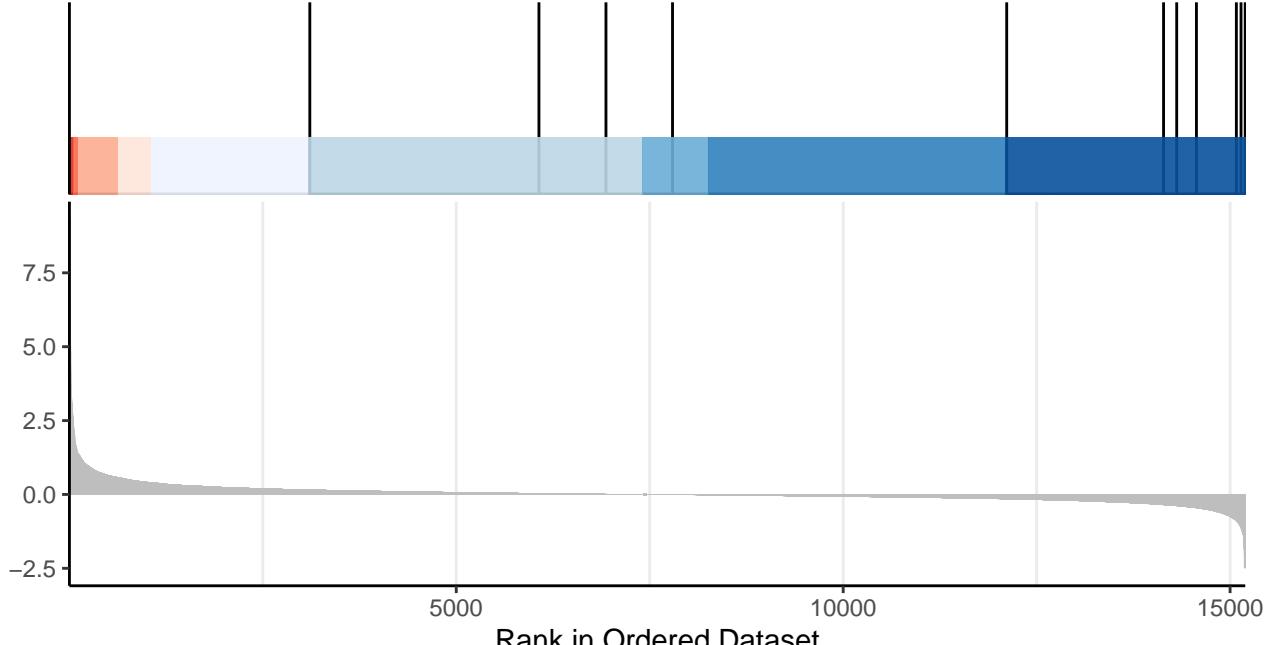


# GOBP\_POSITIVE\_REGULATION\_OF\_CREB\_TRANSCRIPTION\_FACTOR\_A

Running Enrichment Score



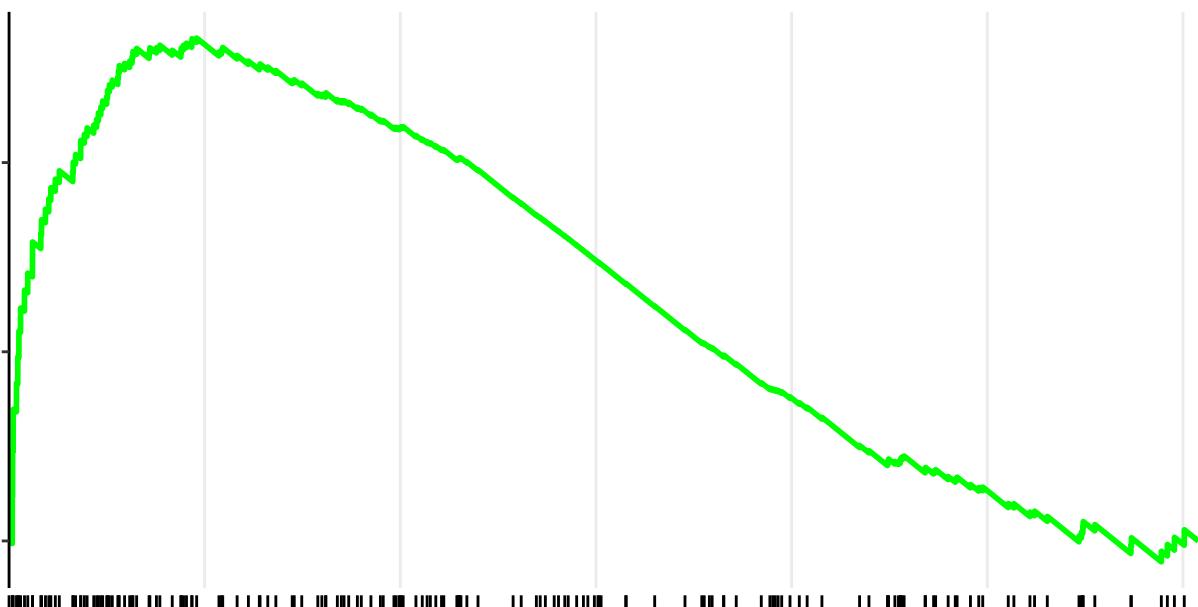
Ranked List Metric



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

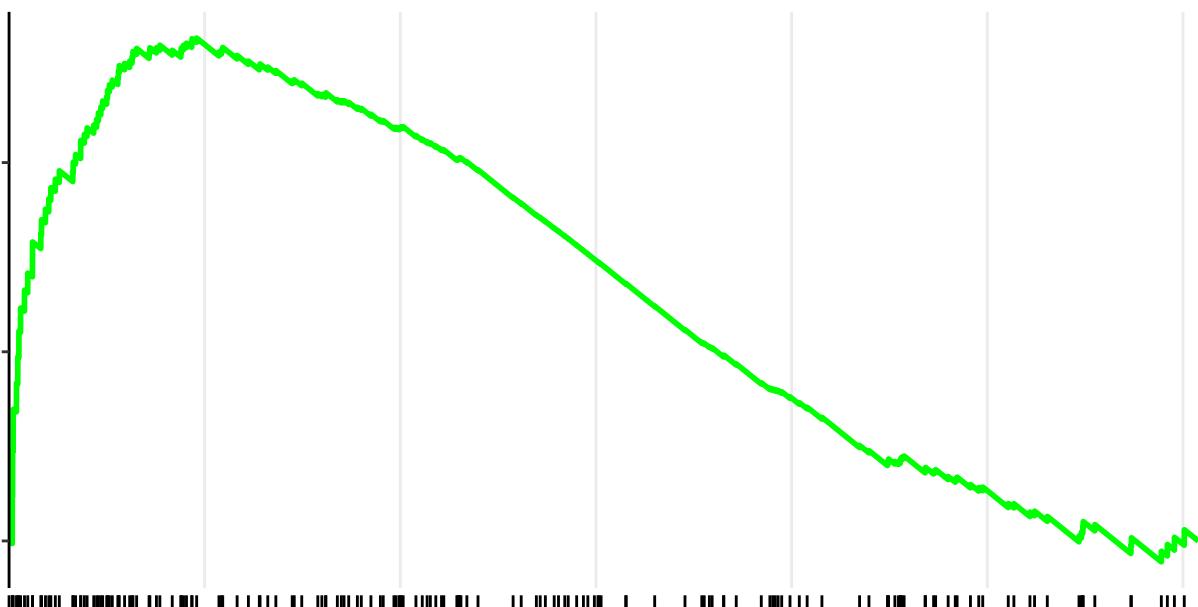
Running Enrichment Score

0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5

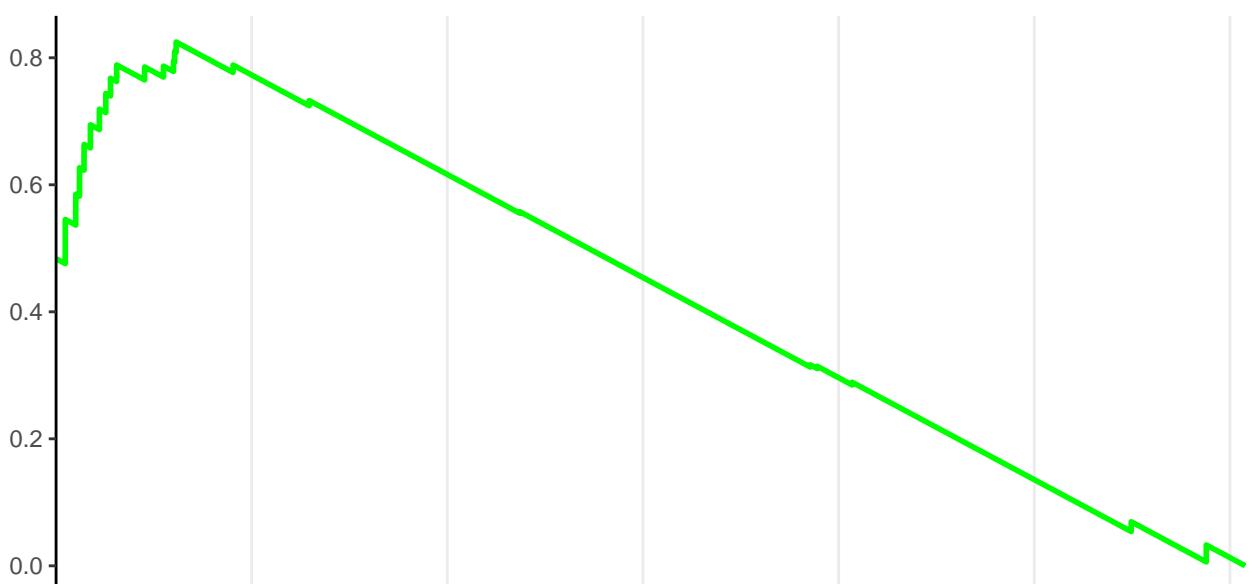


5000 10000 15000

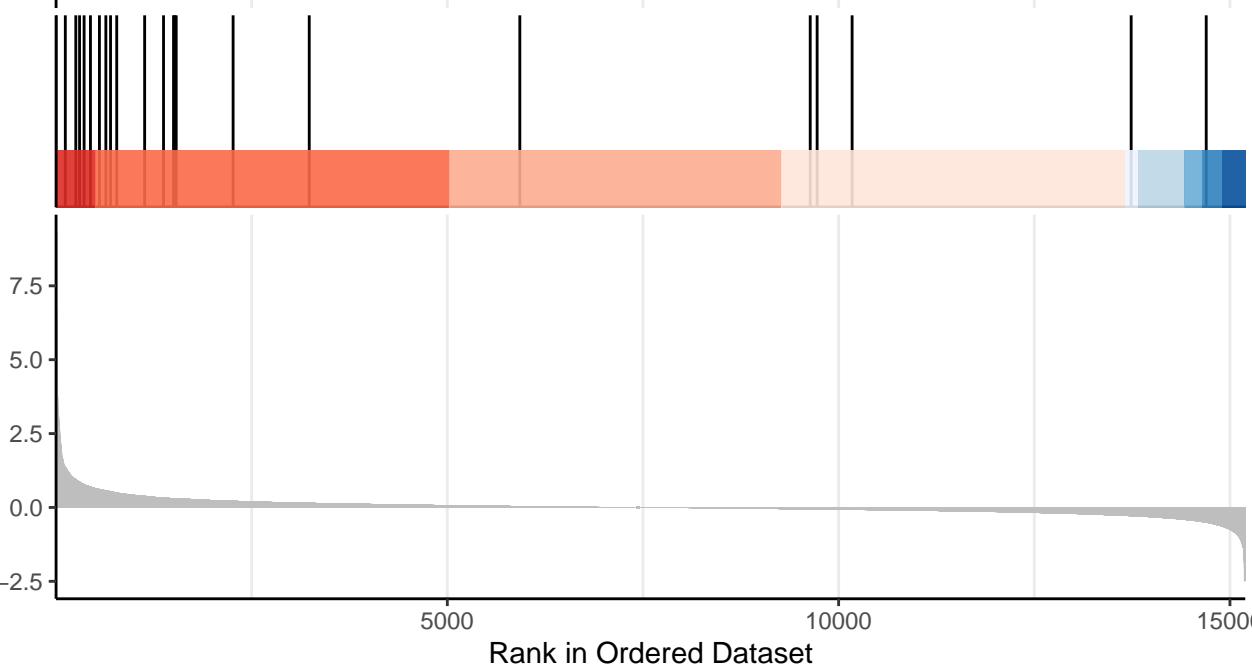
Rank in Ordered Dataset

# GOBP\_REGULATION\_OF\_MACROPHAGE\_DERIVED\_FOAM\_CELL\_DIFFERENTIATION

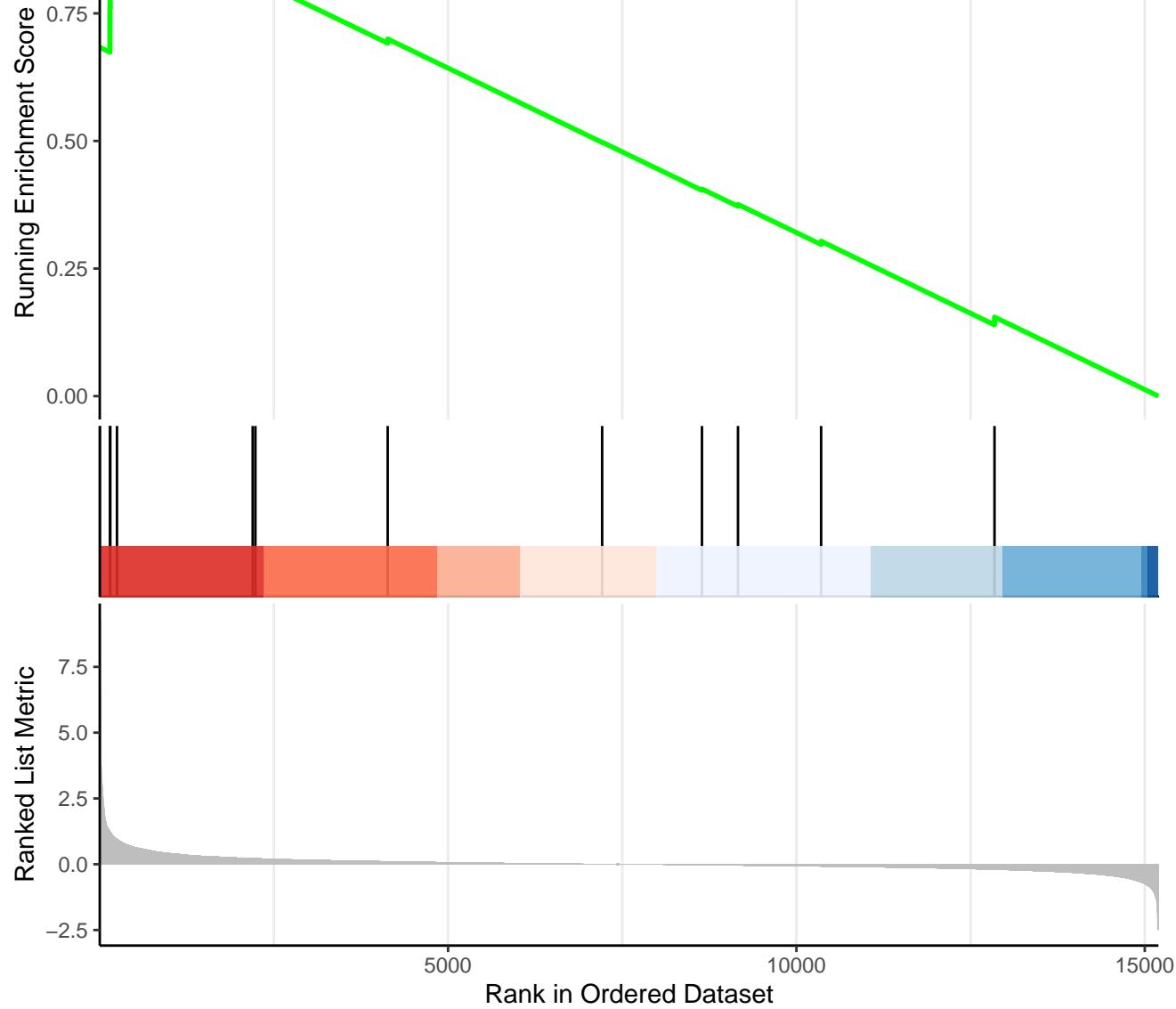
Running Enrichment Score



Ranked List Metric



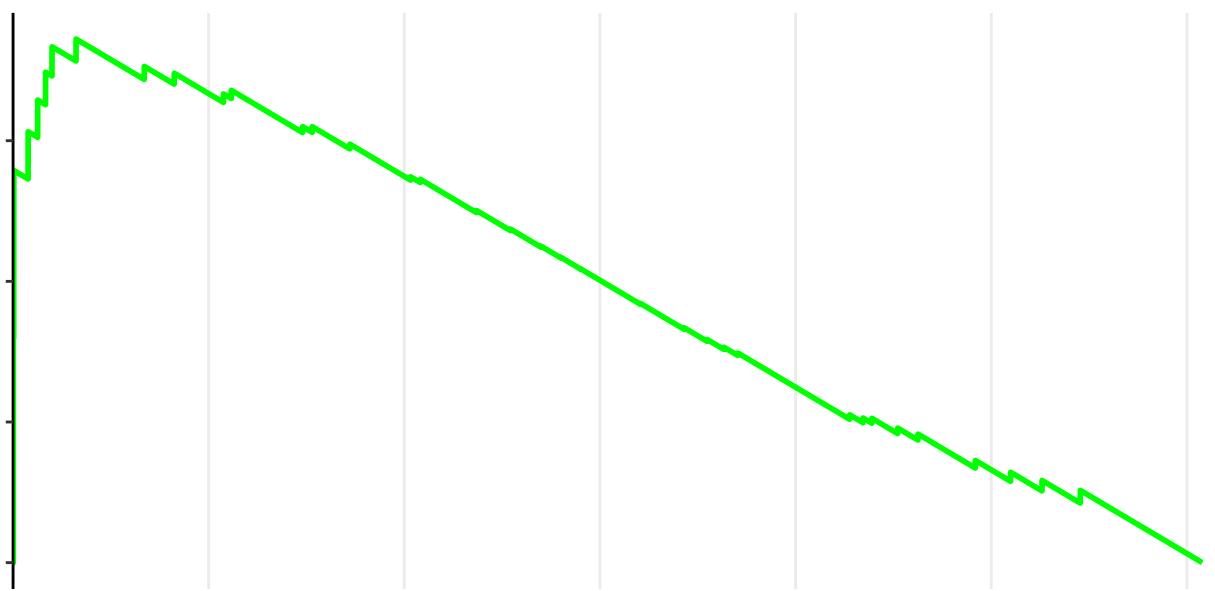
# GOBP\_REGULATION\_OF\_PEROXISOME\_PROLIFERATOR\_ACTIVATED\_REC



# HP\_INCREASED\_PROTEINOGENIC\_AMINO\_ACID\_LEVEL\_IN\_URINE

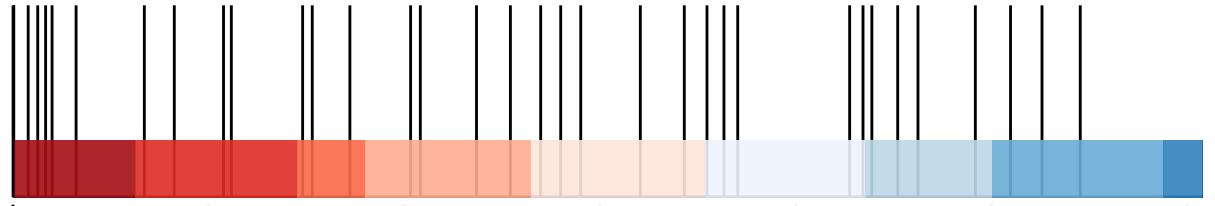
Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5



5000

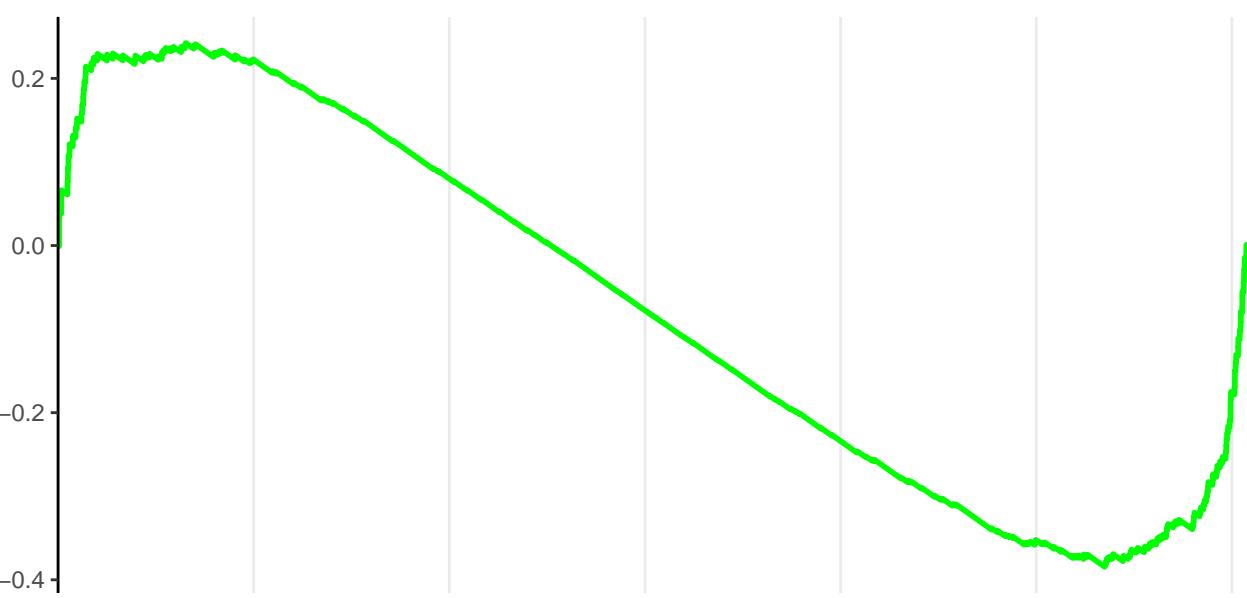
10000

15000

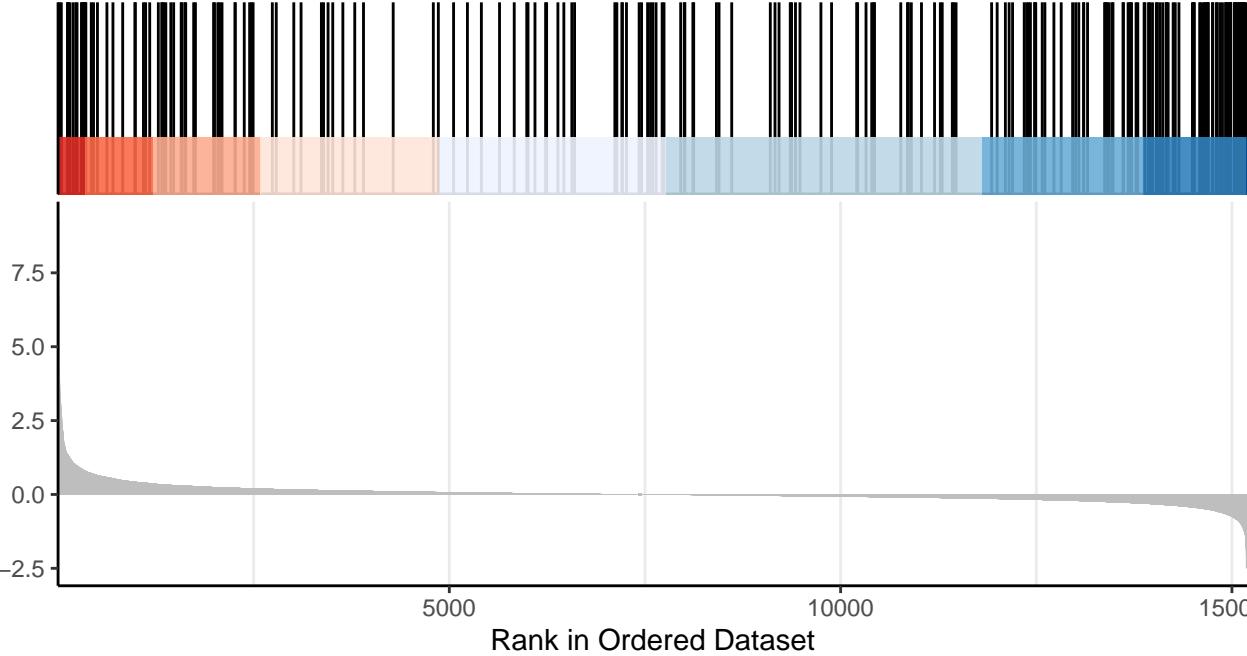
Rank in Ordered Dataset

# GOMF\_SIGNALING\_RECEPTOR\_REGULATOR\_ACTIVITY

Running Enrichment Score

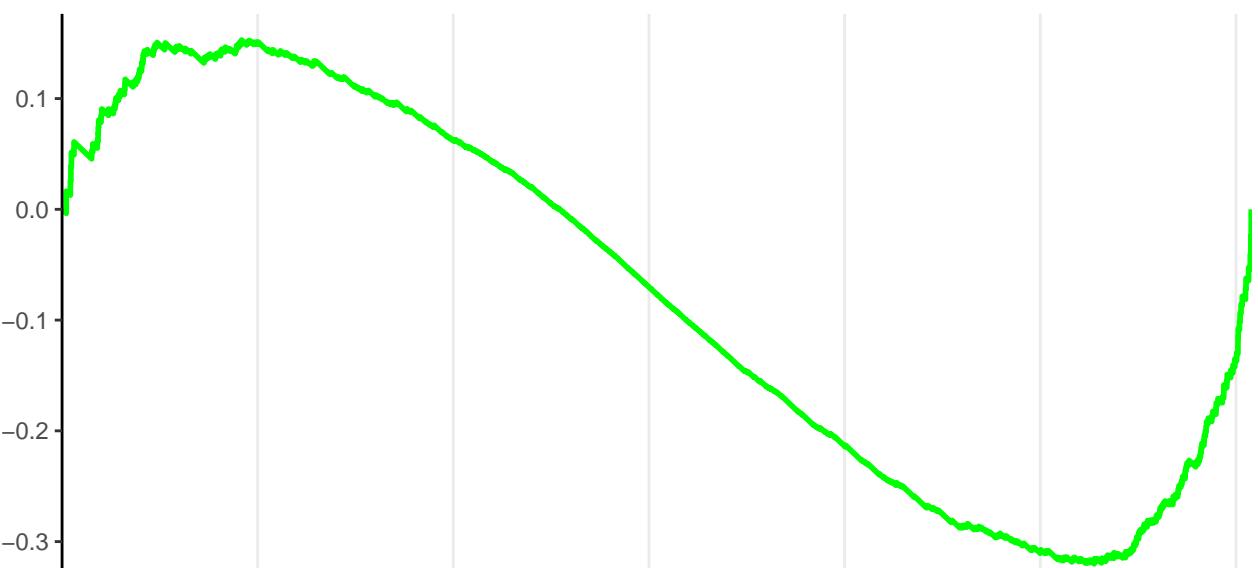


Ranked List Metric

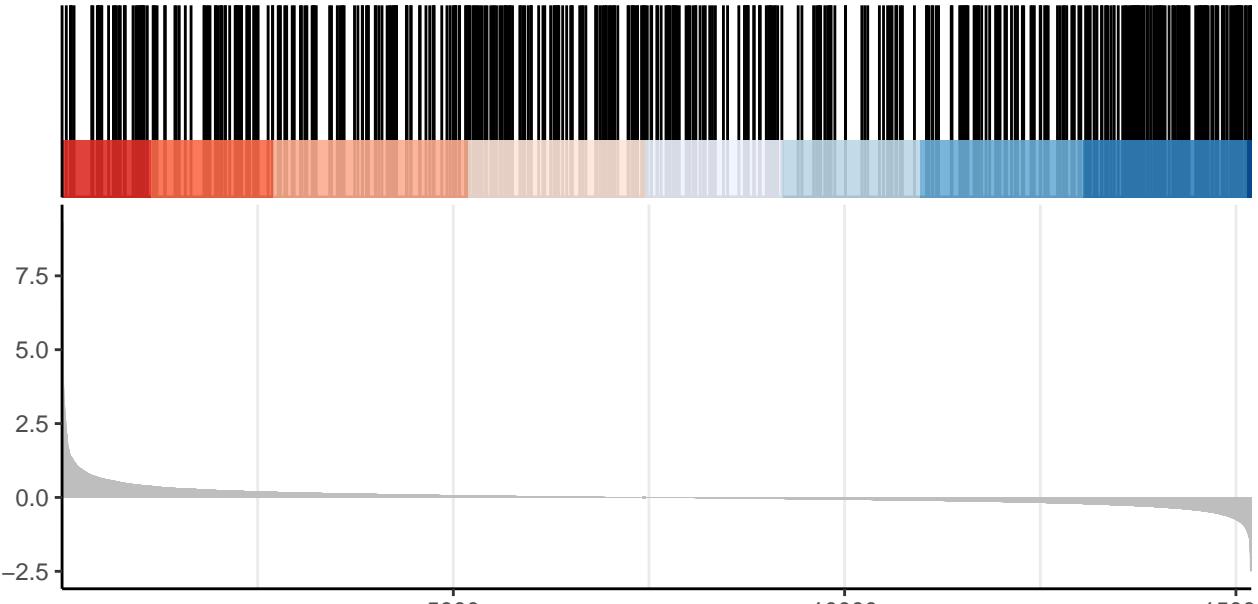


# GOCC\_AXON

Running Enrichment Score



Ranked List Metric

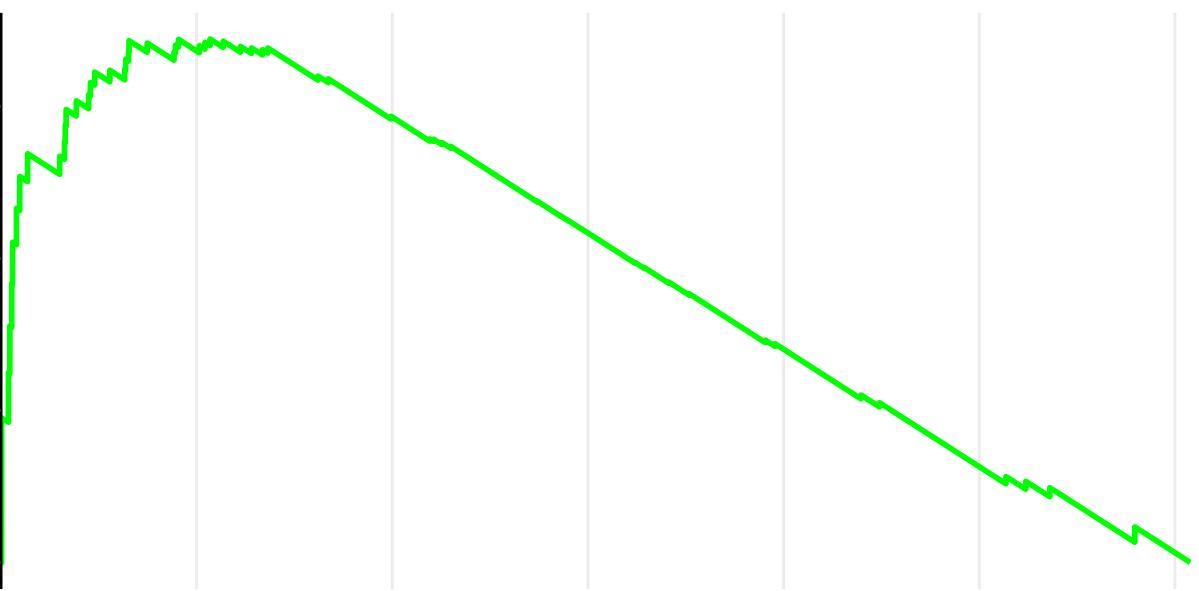


Rank in Ordered Dataset

# GOBP\_GLUCOSE\_IMPORT

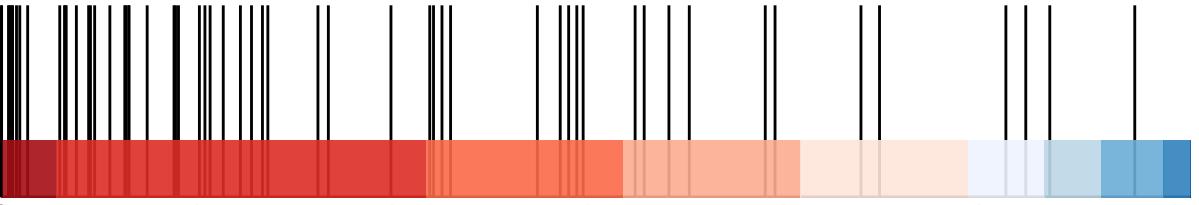
Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5

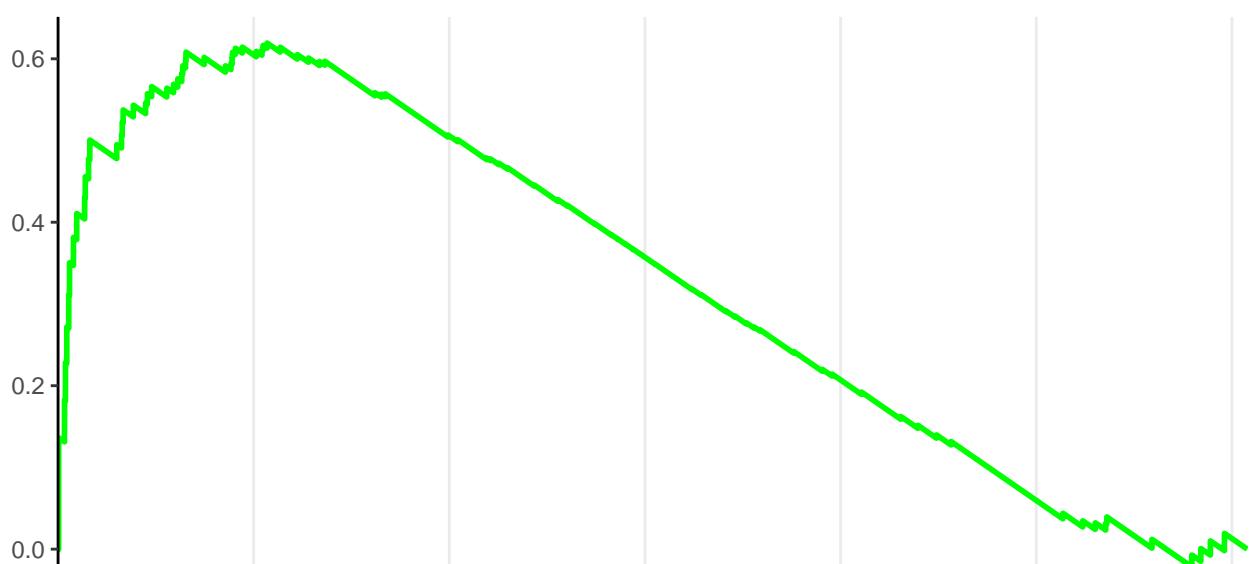


5000 10000 15000

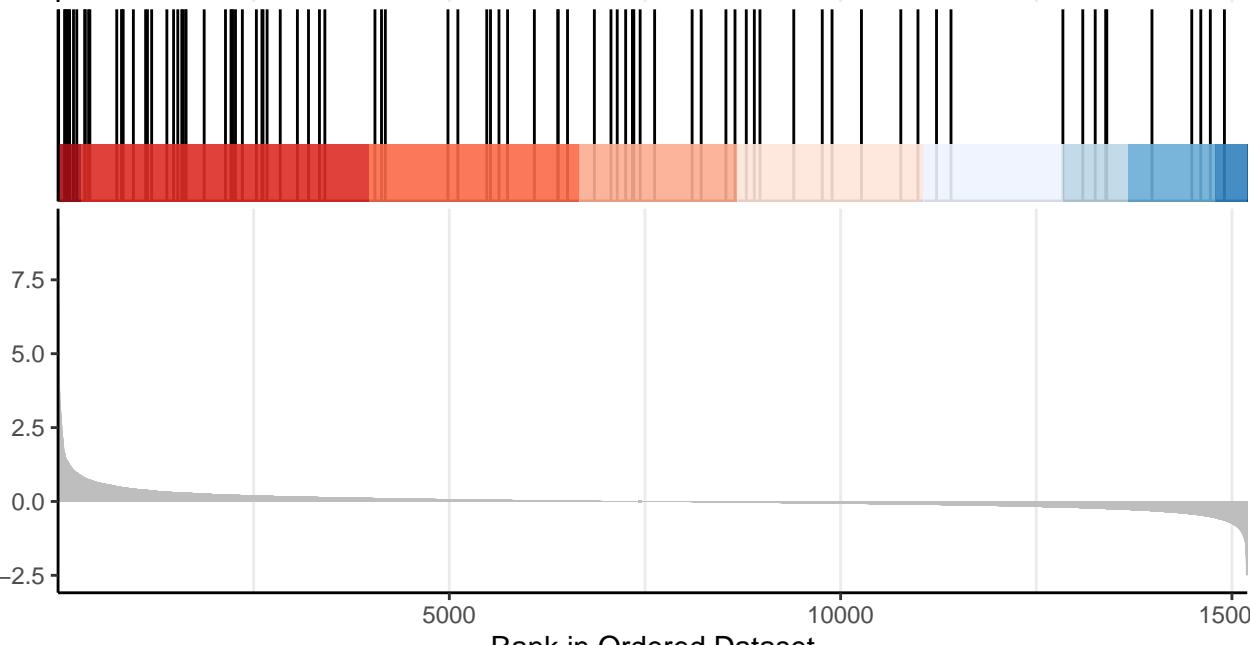
Rank in Ordered Dataset

# GOBP\_MONOSACCHARIDE\_TRANSMEMBRANE\_TRANSPORT

Running Enrichment Score



Ranked List Metric



# GOBP\_DETOXIFICATION\_OF\_INORGANIC\_COMPOUND

Running Enrichment Score

0.75  
0.50  
0.25  
0.00

Ranked List Metric

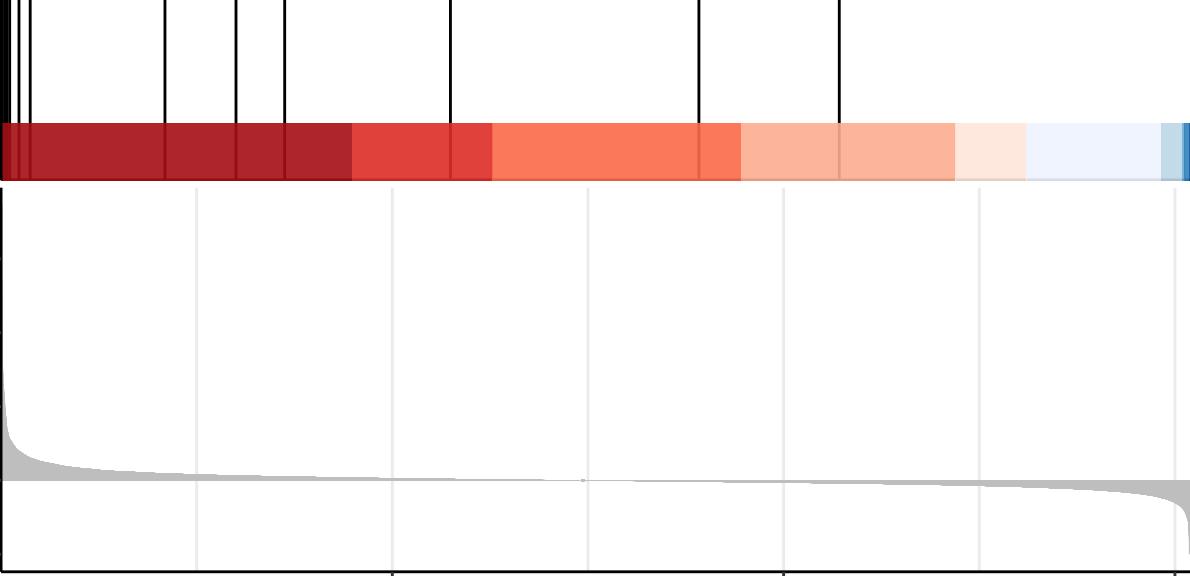
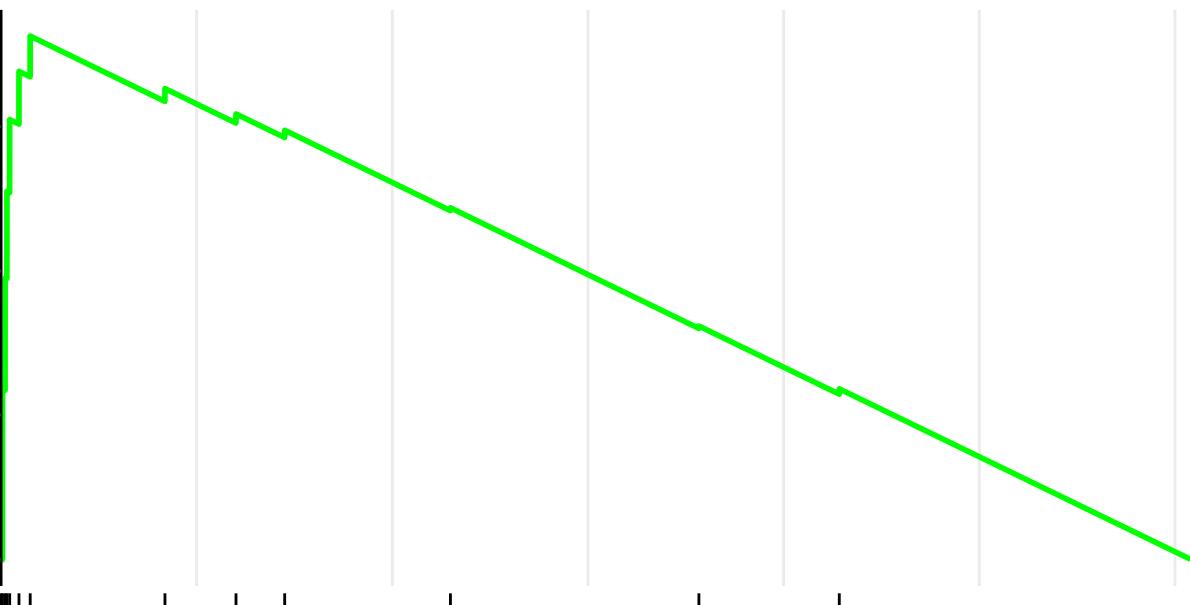
7.5  
5.0  
2.5  
0.0  
-2.5

5000

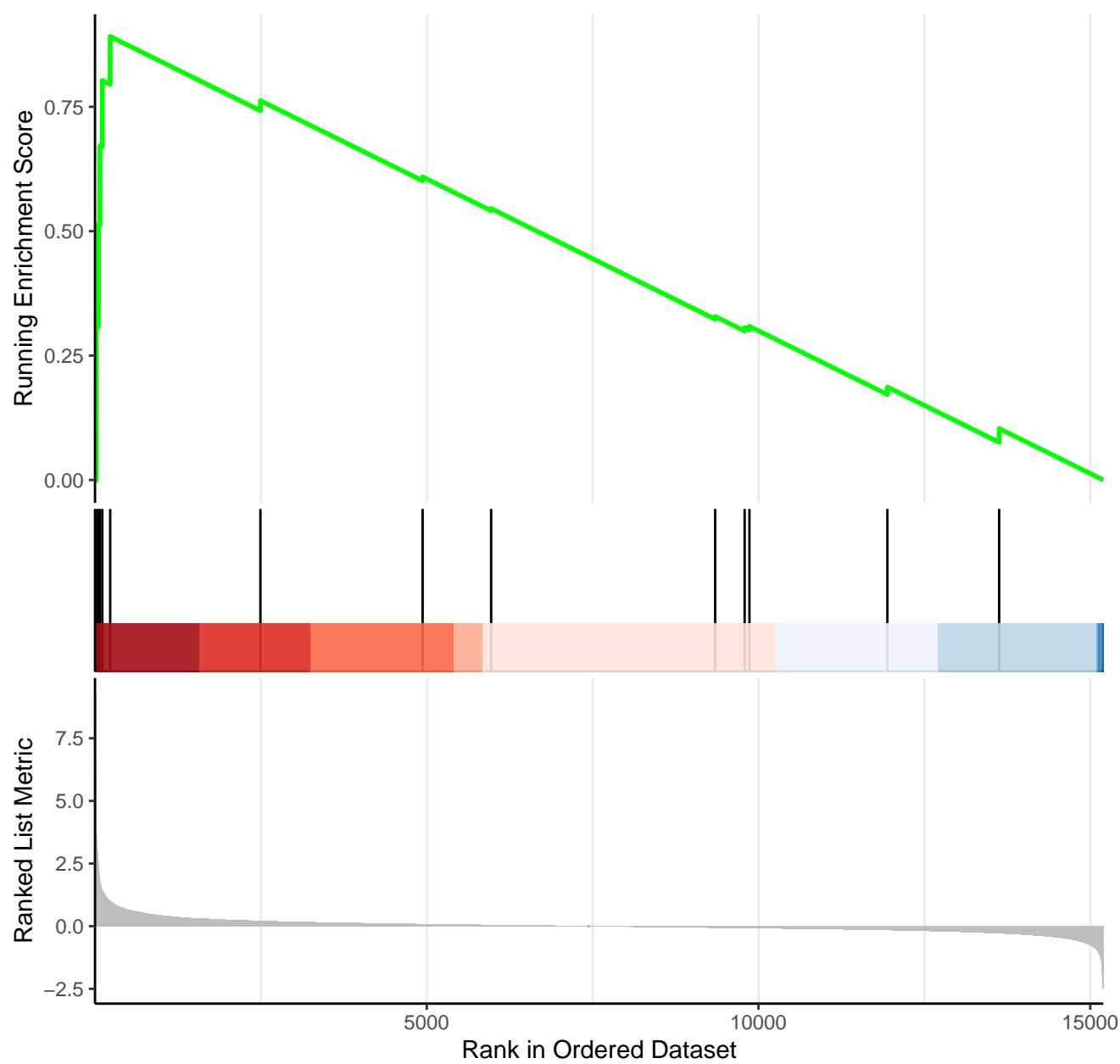
10000

15000

Rank in Ordered Dataset



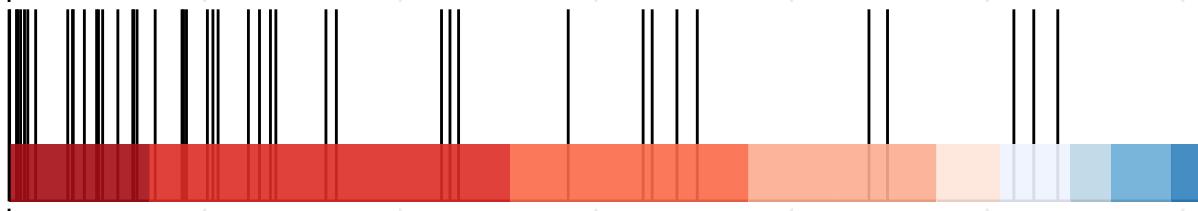
# GOBP\_CELLULAR\_RESPONSE\_TO\_ZINC\_ION



# GOBP\_REGULATION\_OF\_GLUCOSE\_IMPORT

Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5

5000

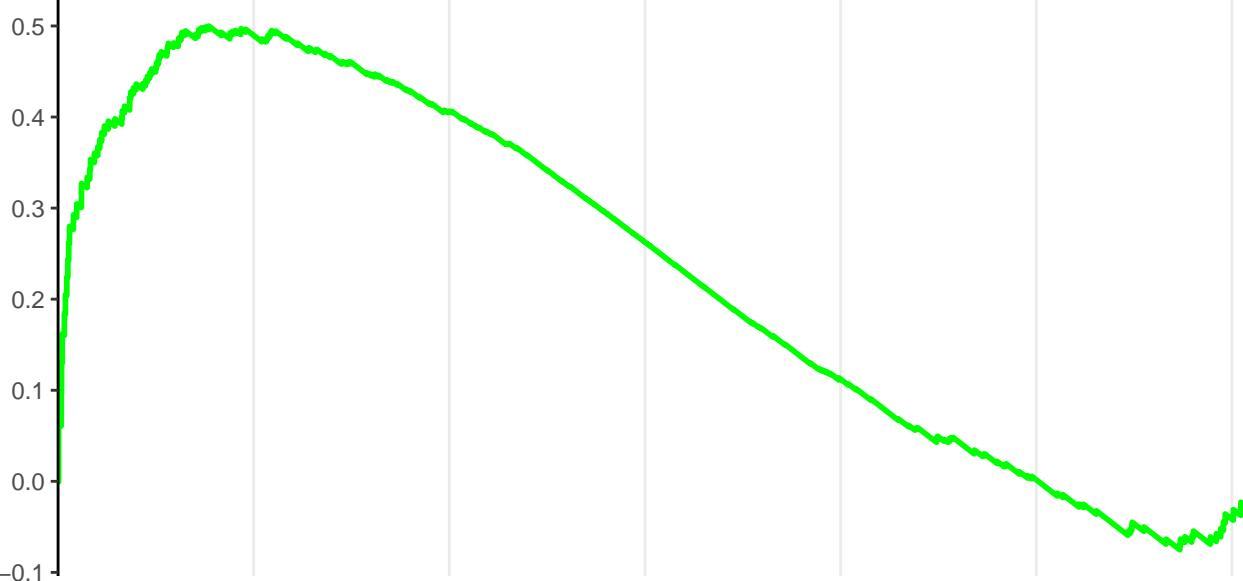
10000

15000

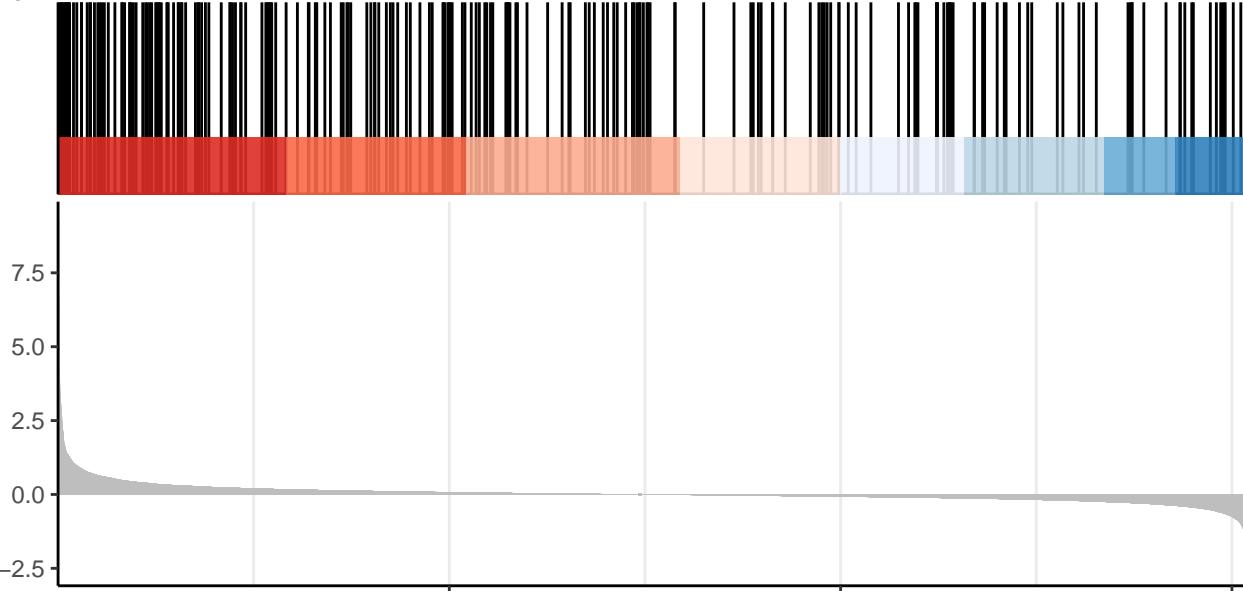
Rank in Ordered Dataset

# GOBP\_RESPONSE\_TO\_INSULIN

Running Enrichment Score



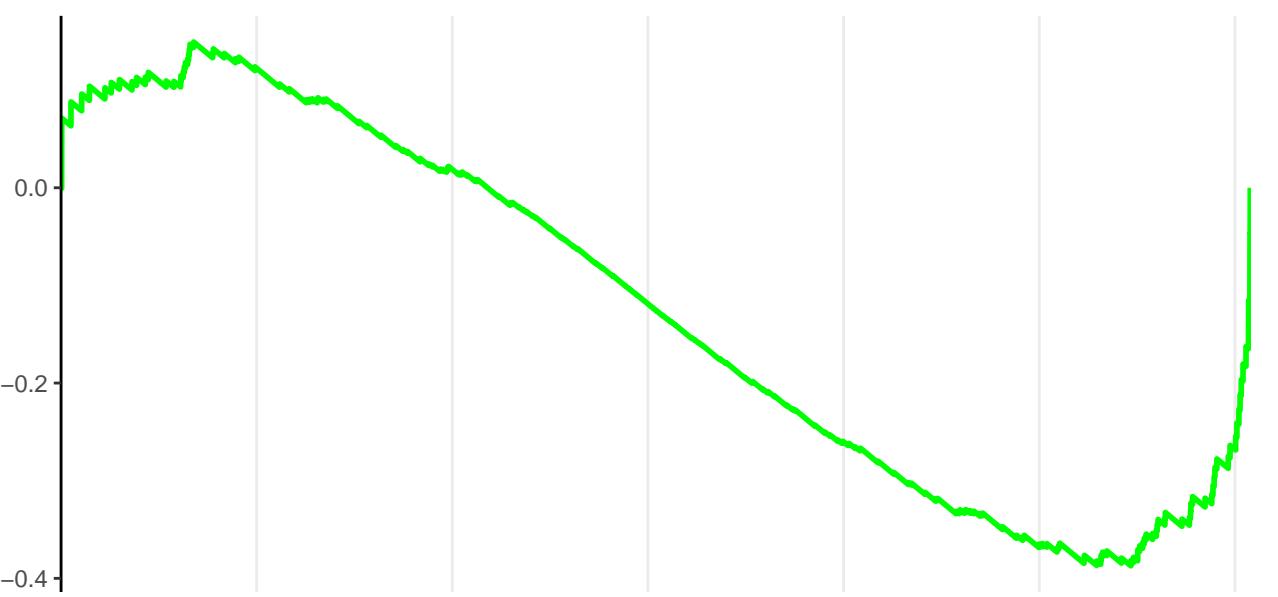
Ranked List Metric



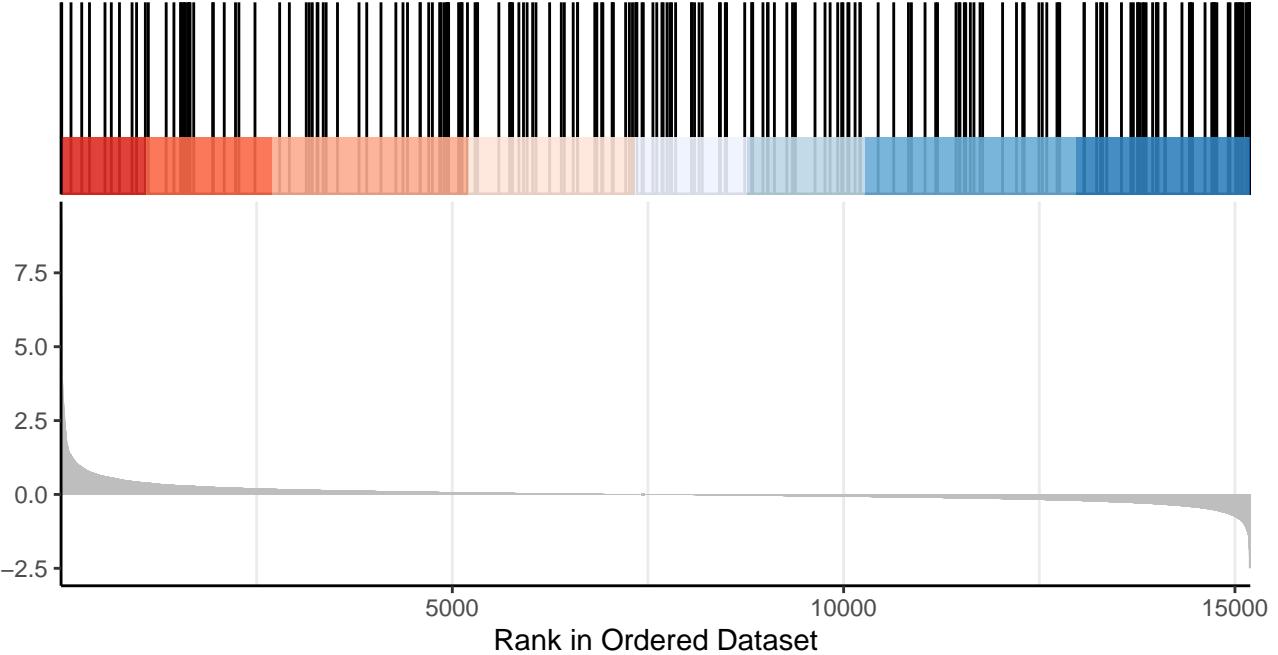
Rank in Ordered Dataset

# GOBP\_COGNITION

Running Enrichment Score

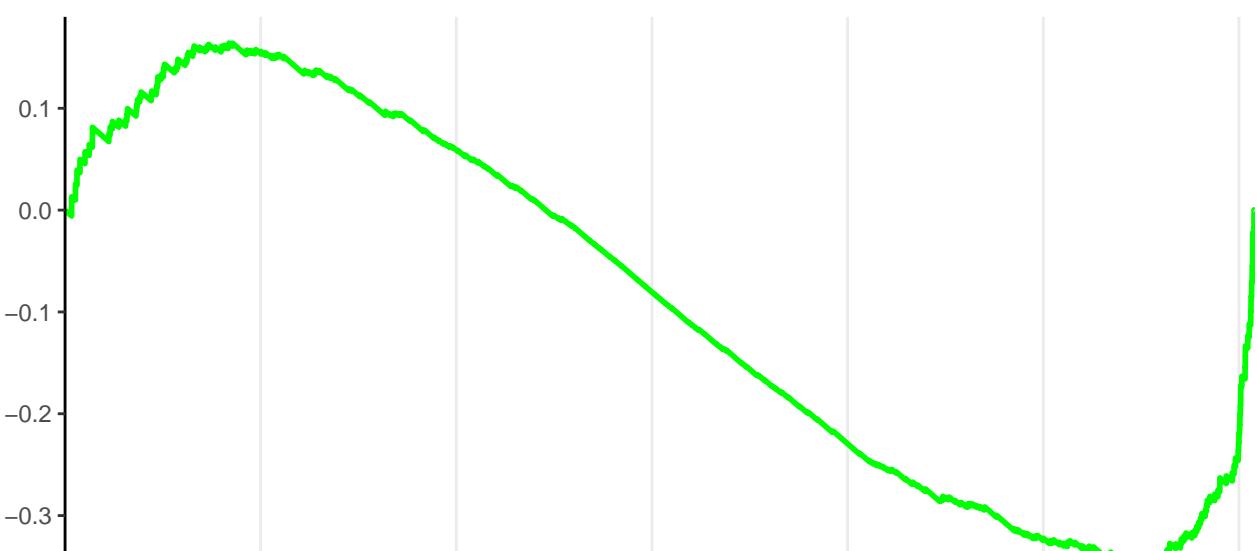


Ranked List Metric

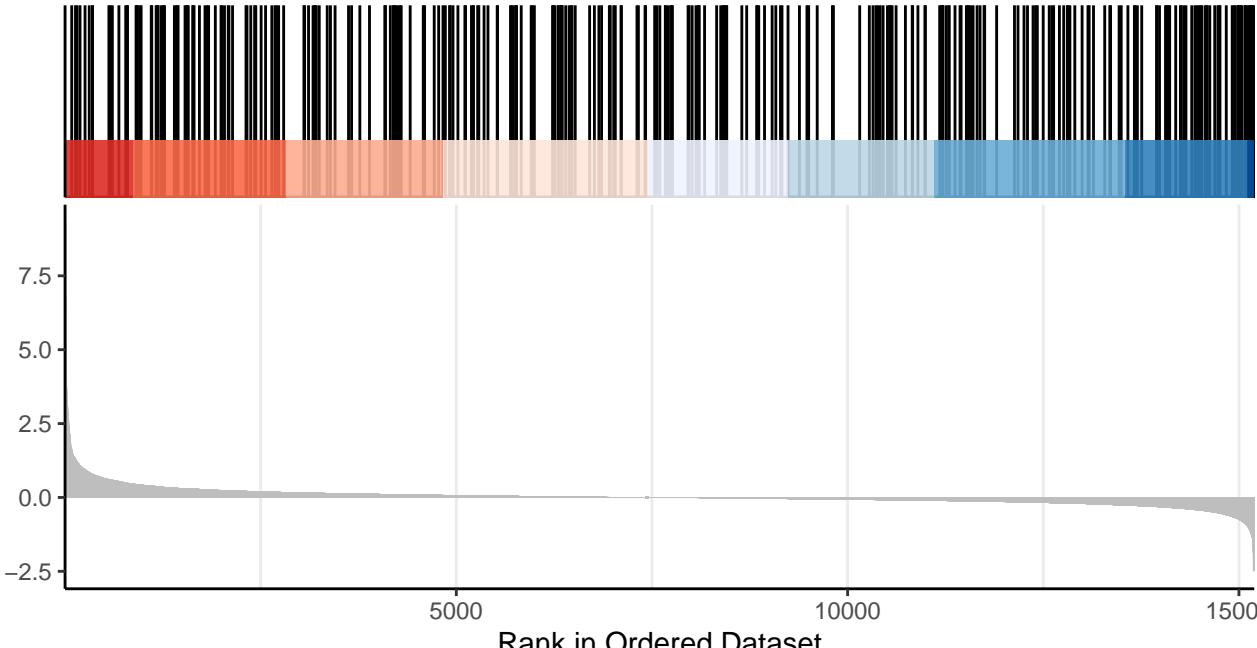


# GOBP\_REGULATION\_OF\_NERVOUS\_SYSTEM\_DEVELOPMENT

Running Enrichment Score



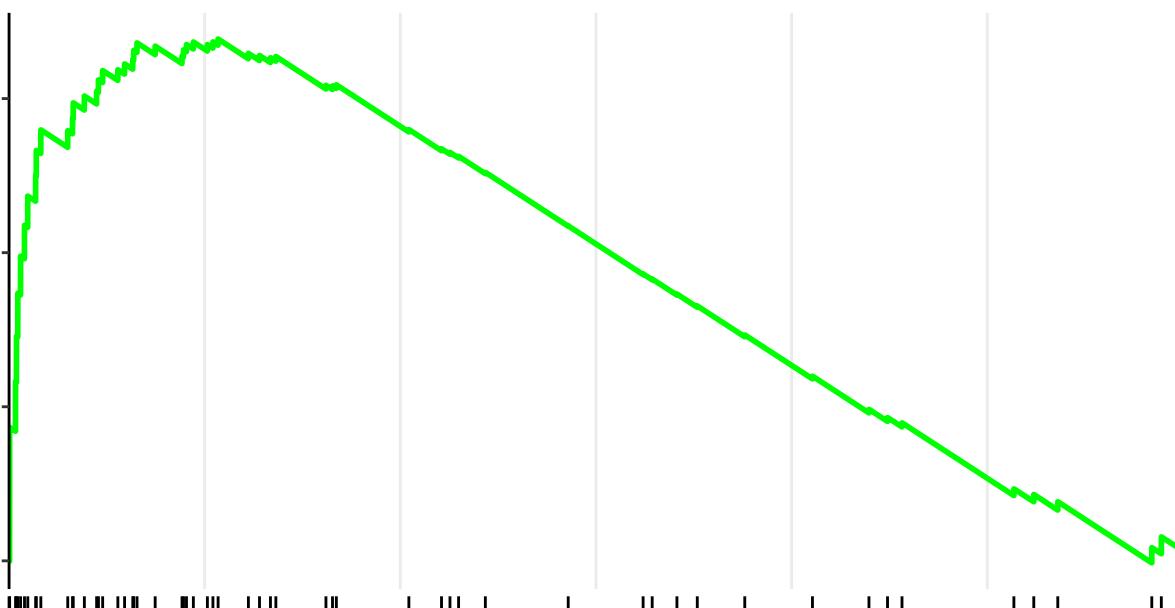
Ranked List Metric



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

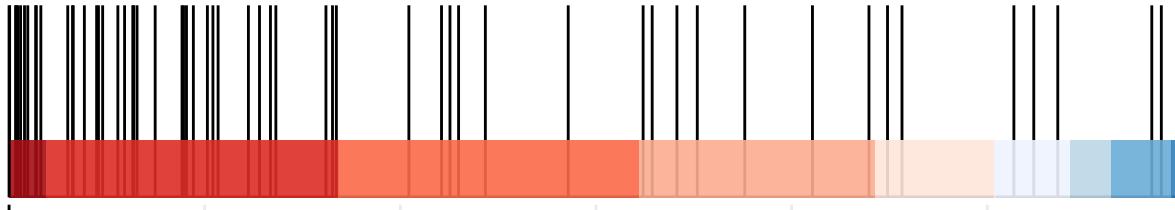
Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5



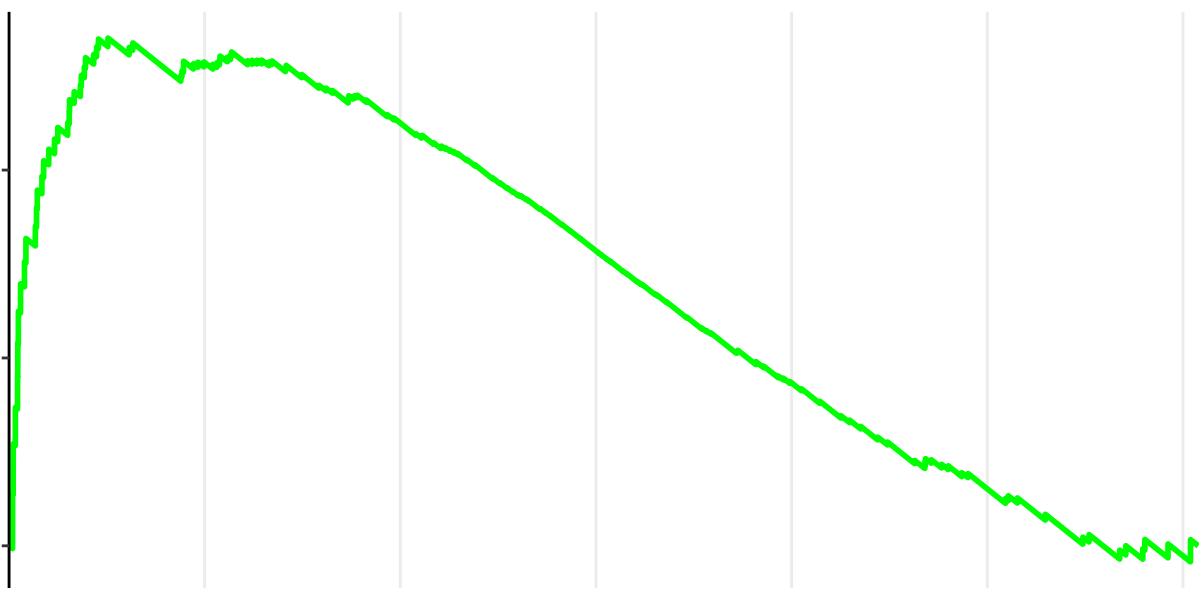
5000 10000 15000

Rank in Ordered Dataset

# GOBP\_GLUCOSE\_METABOLIC\_PROCESS

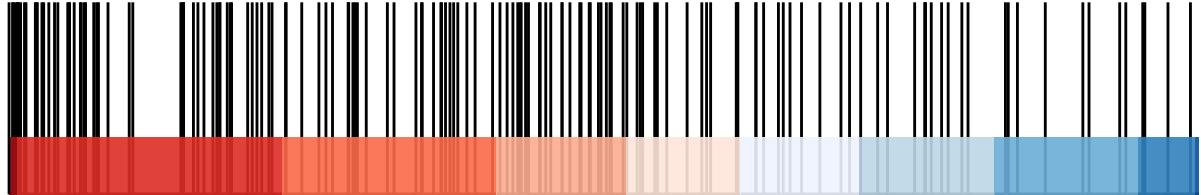
Running Enrichment Score

0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5

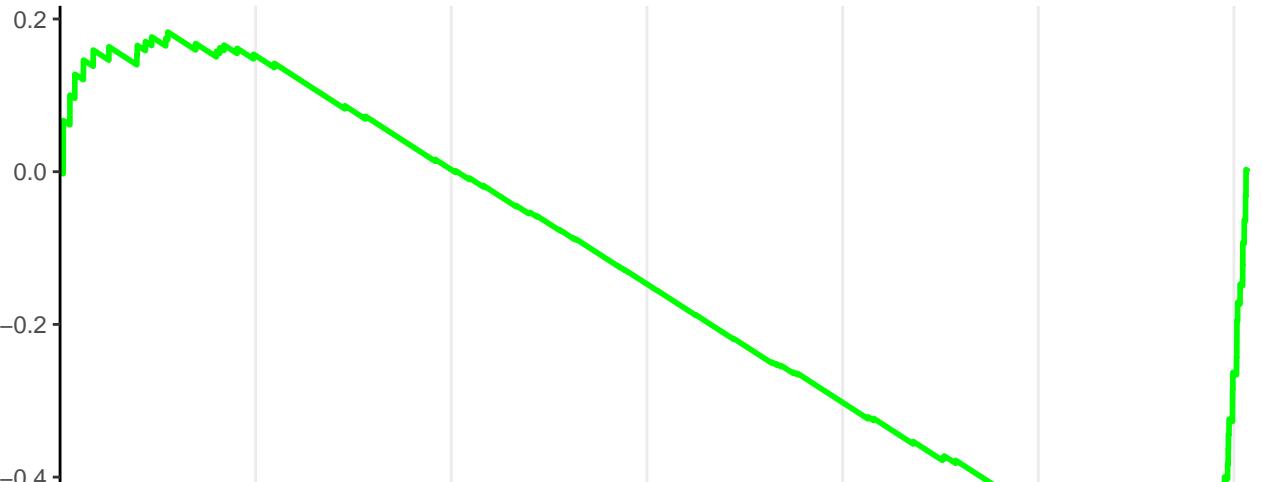


5000 10000 15000

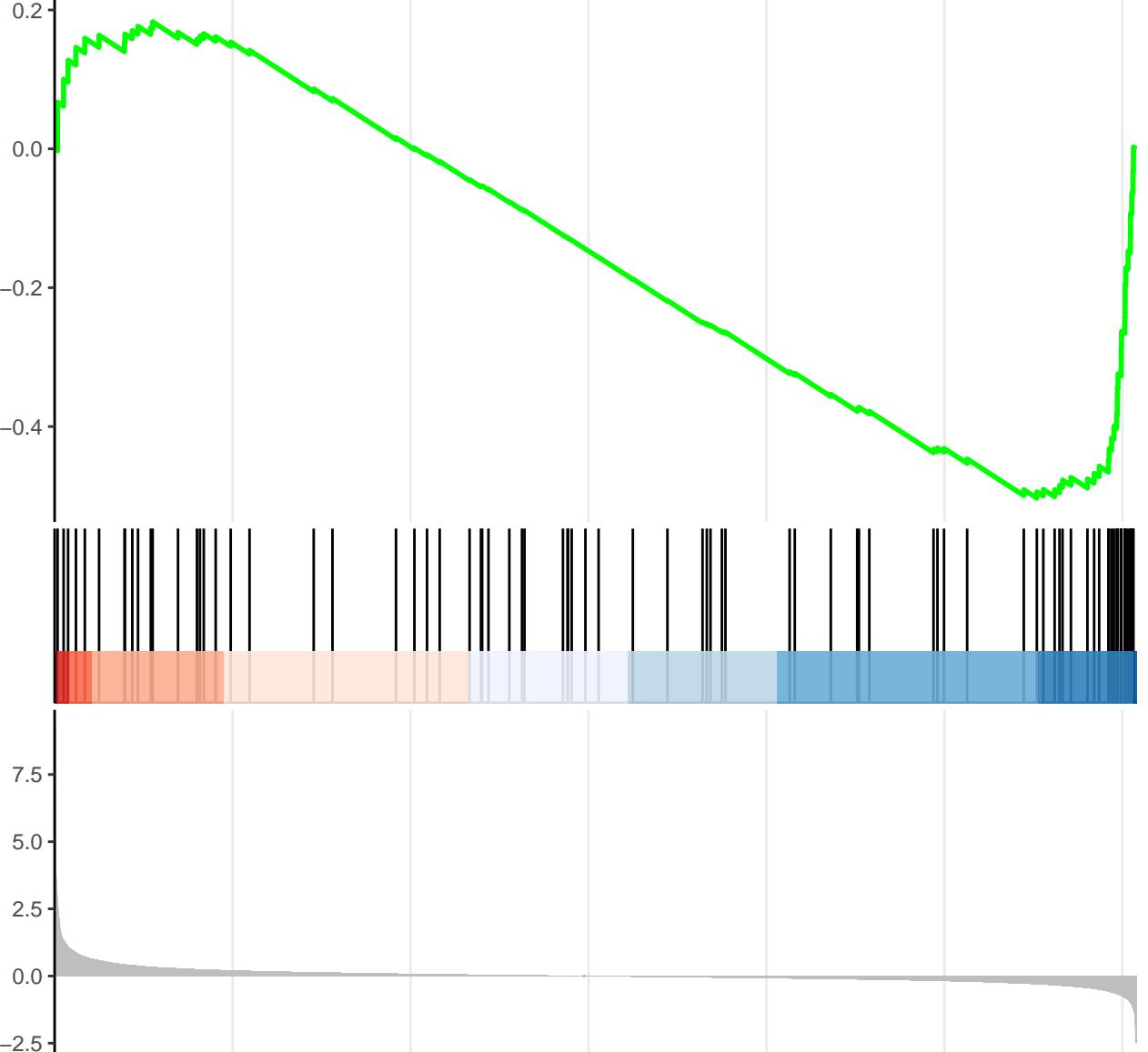
Rank in Ordered Dataset

# GOMF\_CYTOKINE\_ACTIVITY

Running Enrichment Score



Ranked List Metric



Rank in Ordered Dataset

# GOBP\_MEMORY

Running Enrichment Score

0.0  
-0.1  
-0.2  
-0.3  
-0.4  
-0.5

Ranked List Metric

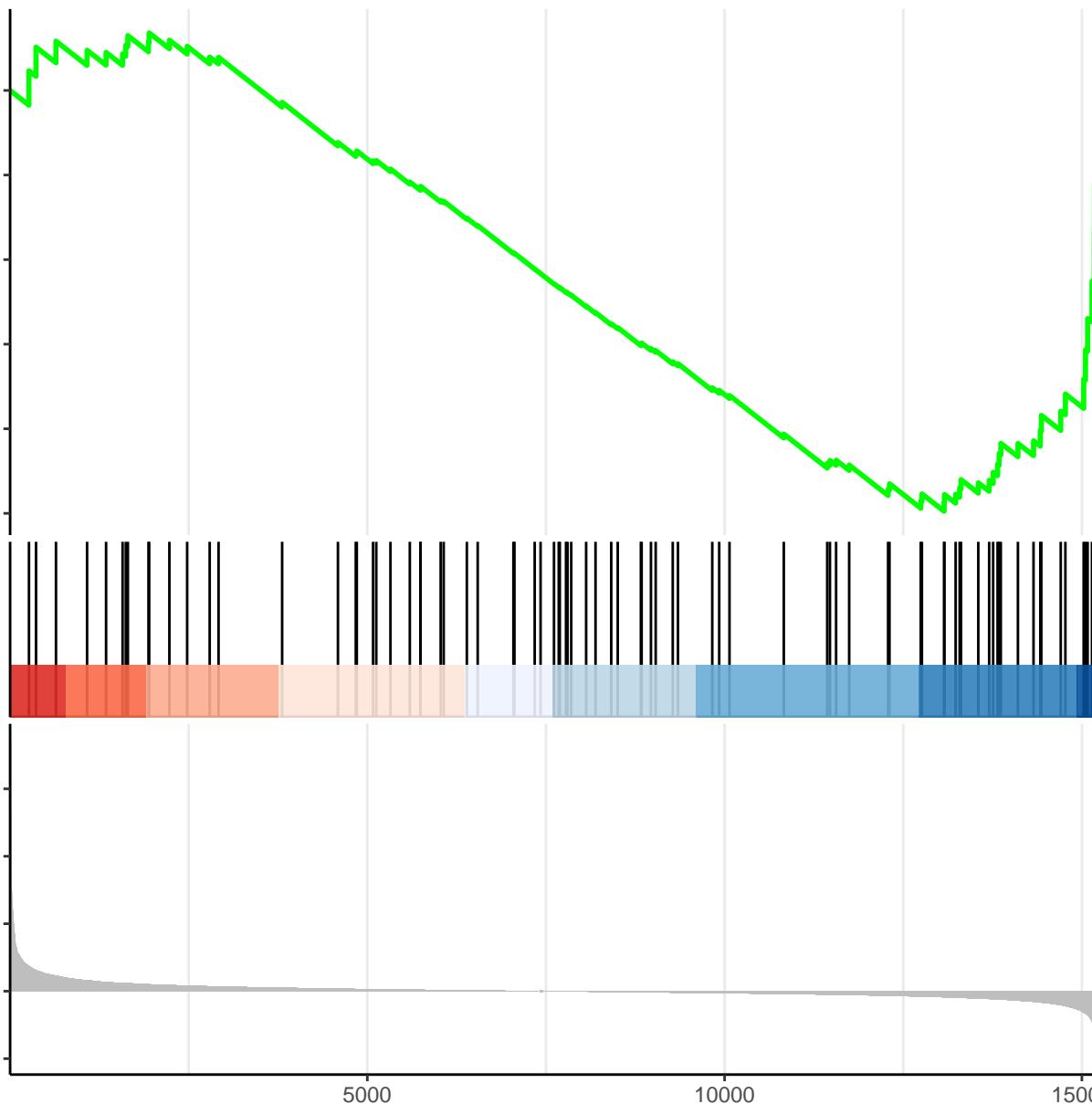
7.5  
5.0  
2.5  
0.0  
-2.5

5000

10000

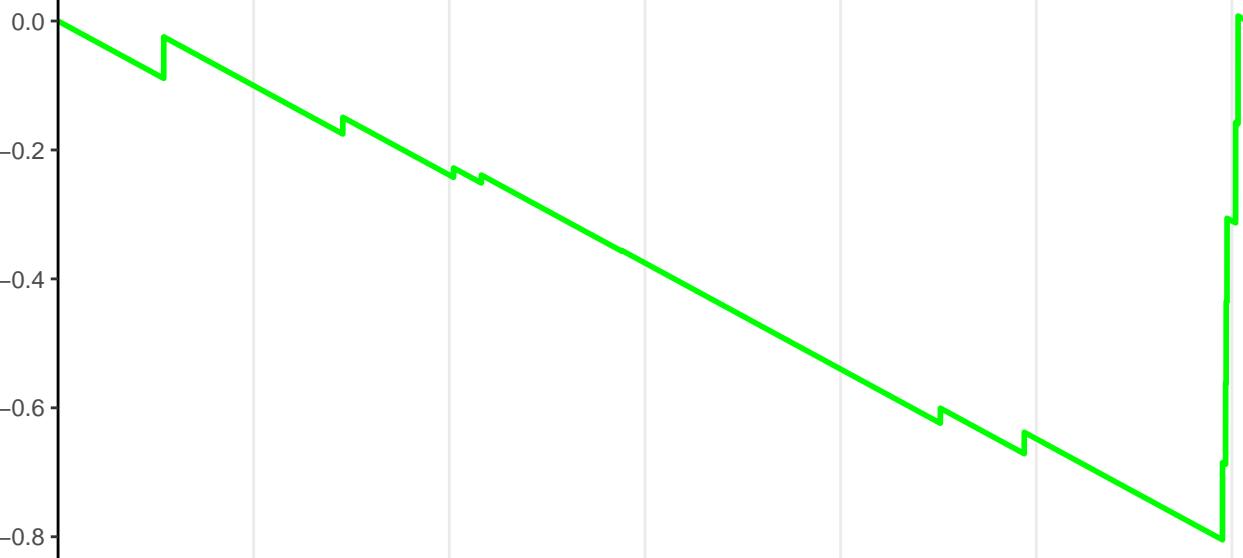
15000

Rank in Ordered Dataset

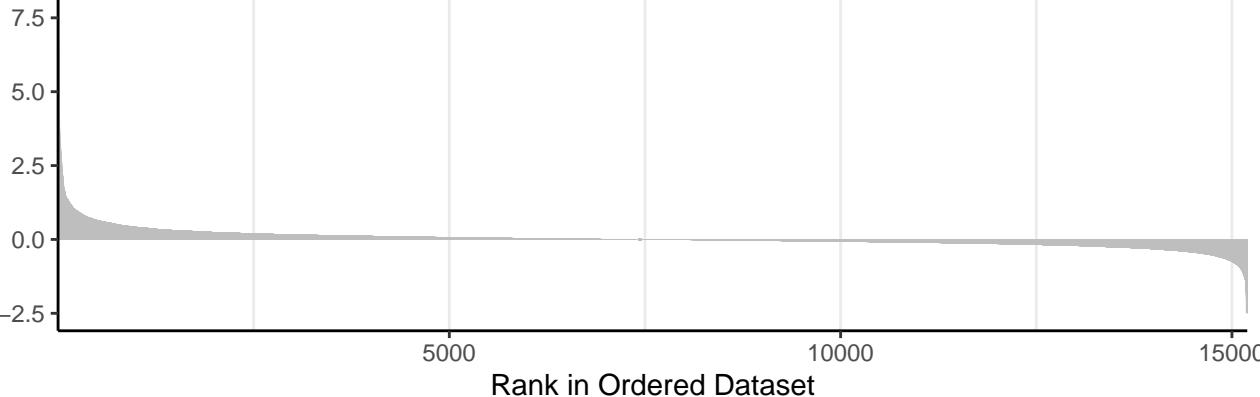


# GOMF\_CHEMOKINE\_ACTIVITY

Running Enrichment Score

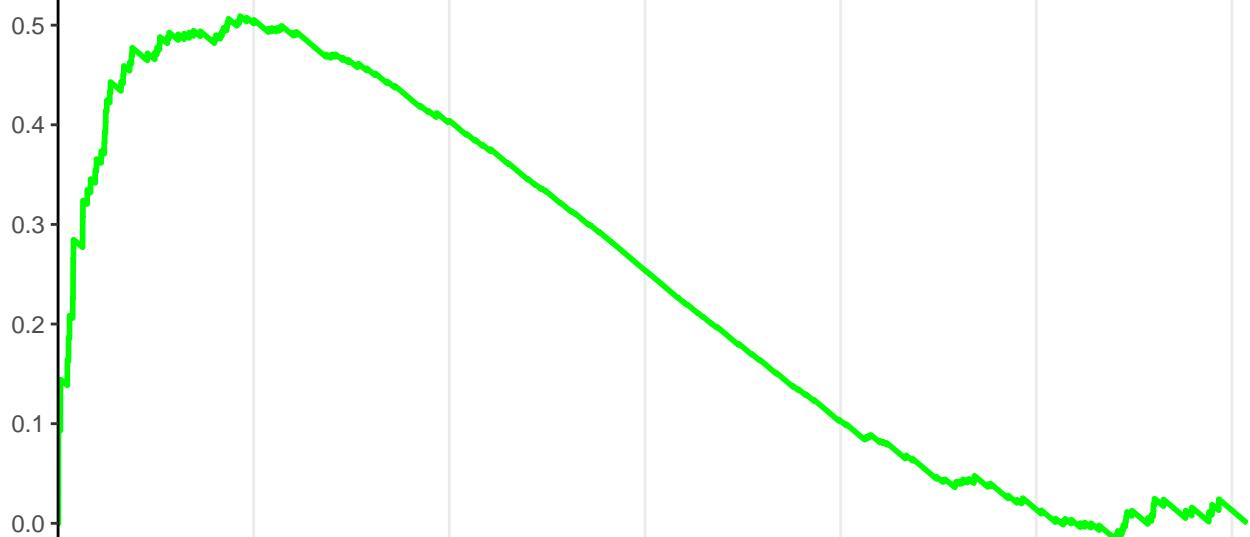


Ranked List Metric

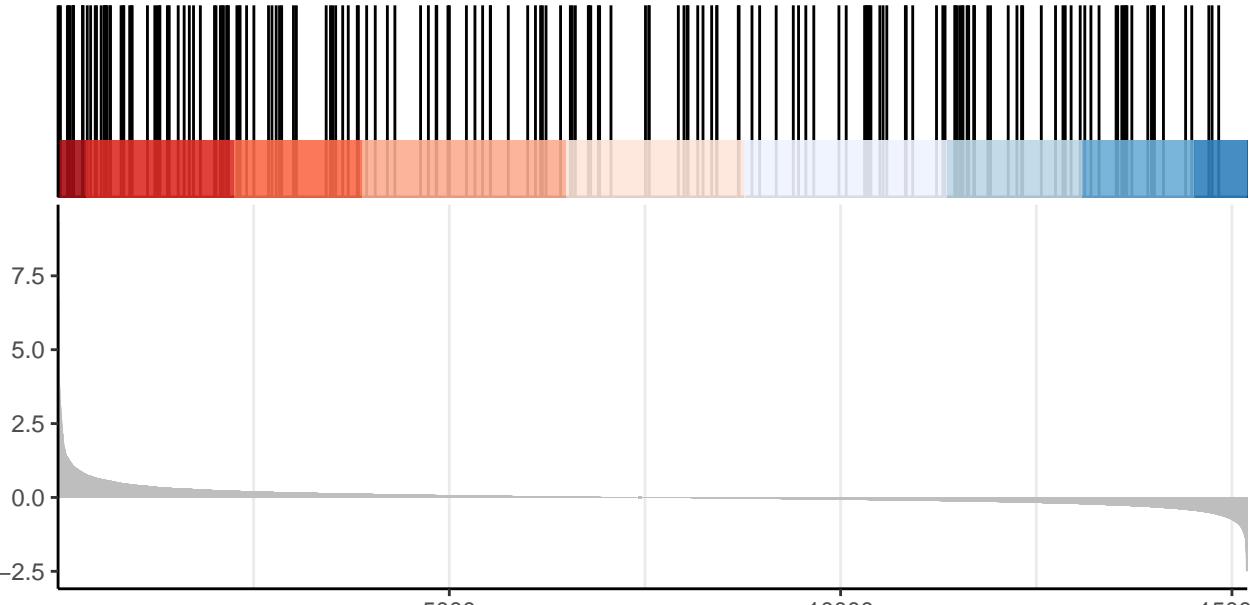


# GOBP\_ORGANIC\_ACID\_CATABOLIC\_PROCESS

Running Enrichment Score



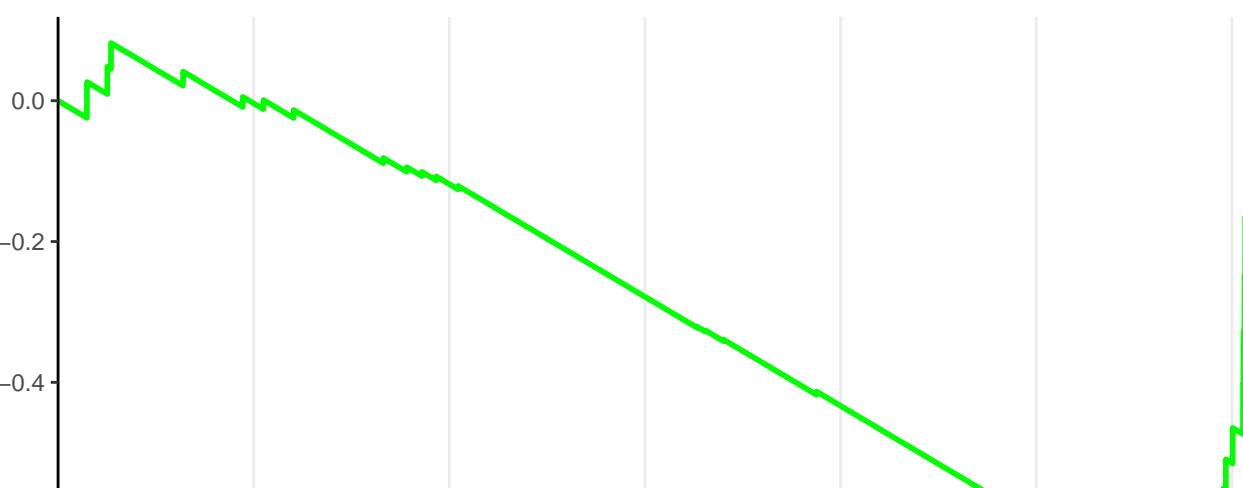
Ranked List Metric



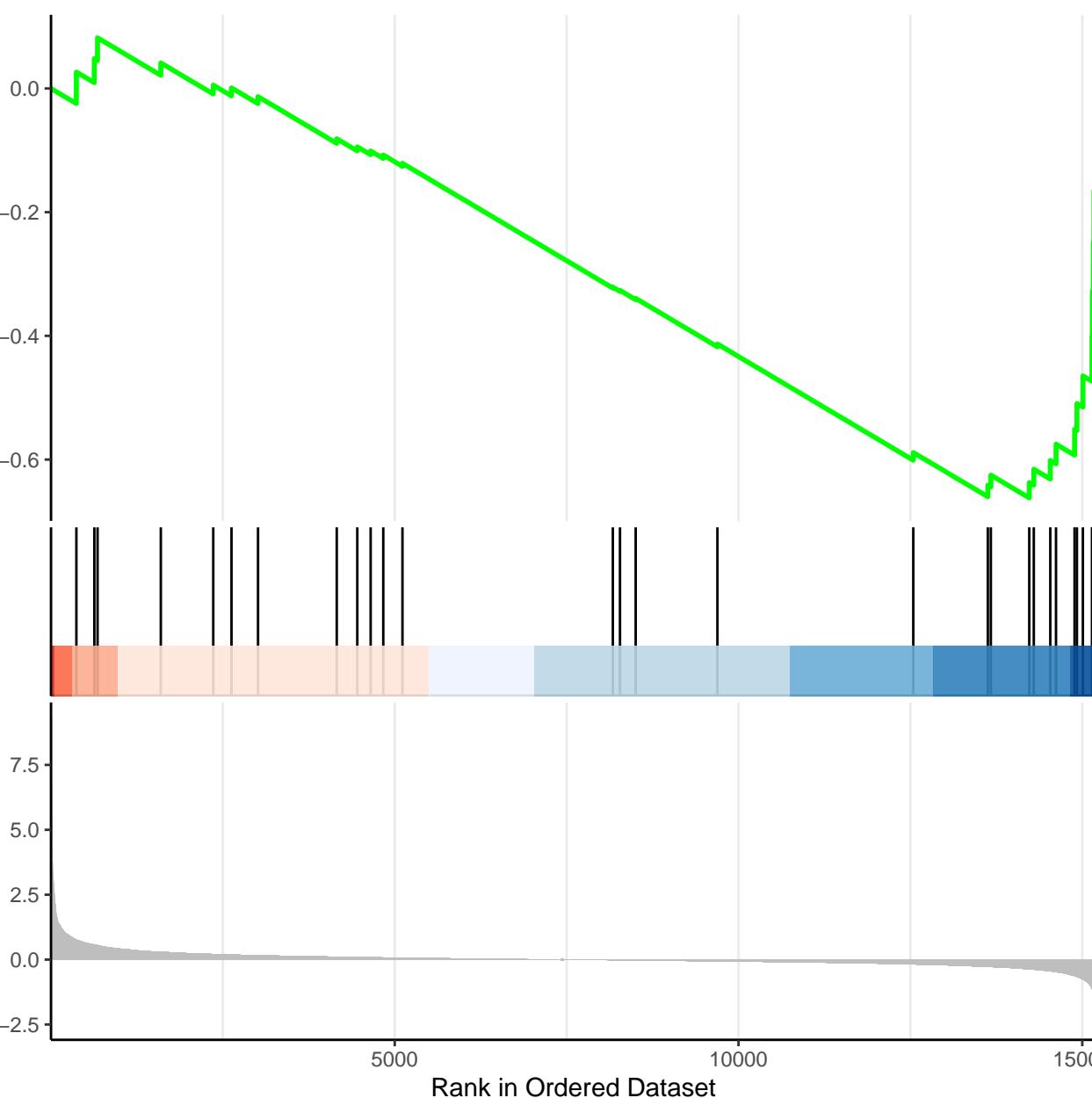
Rank in Ordered Dataset

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

Running Enrichment Score



Ranked List Metric



# GOMF\_CCR\_CHEMOKINE\_RECEPTOR\_BINDING

Running Enrichment Score

0.0  
-0.2  
-0.4  
-0.6  
-0.8

Ranked List Metric

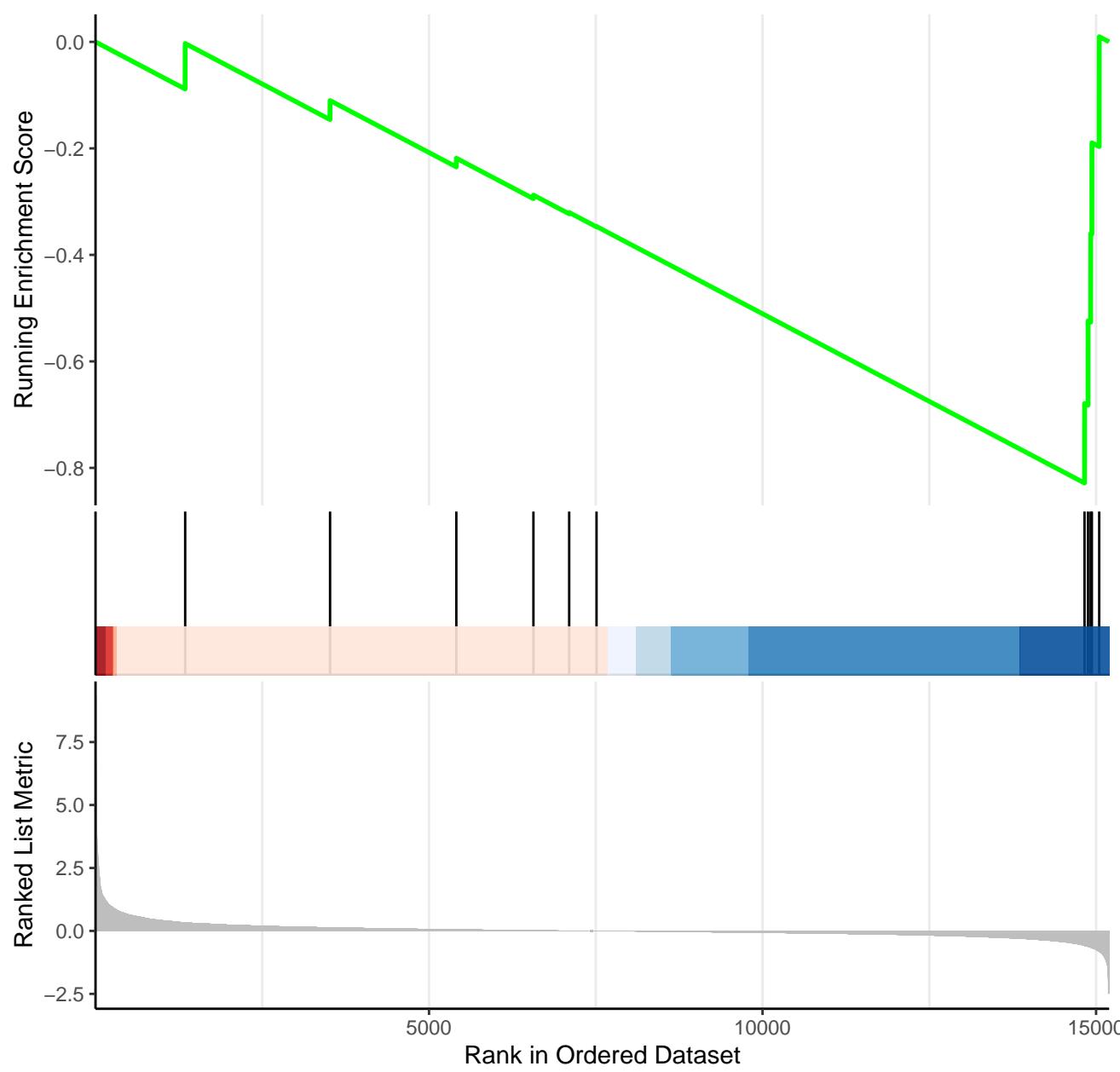
7.5  
5.0  
2.5  
0.0  
-2.5

5000

10000

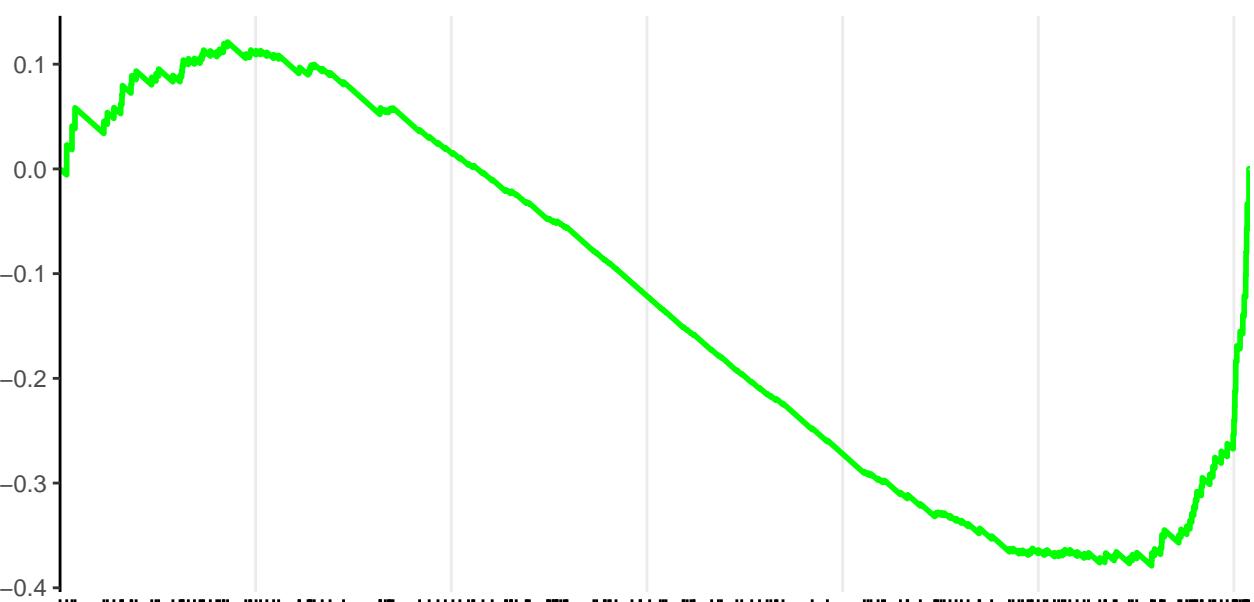
15000

Rank in Ordered Dataset

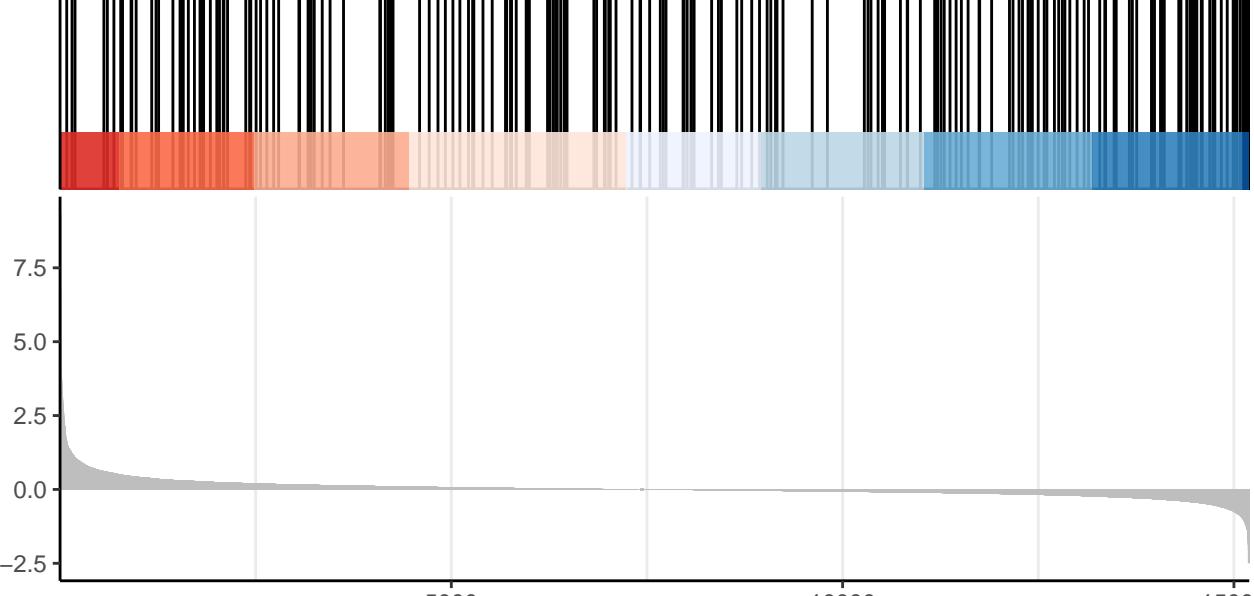


# GOBP\_POSITIVE\_REGULATION\_OF\_NERVOUS\_SYSTEM\_DEVELOPMENT

Running Enrichment Score



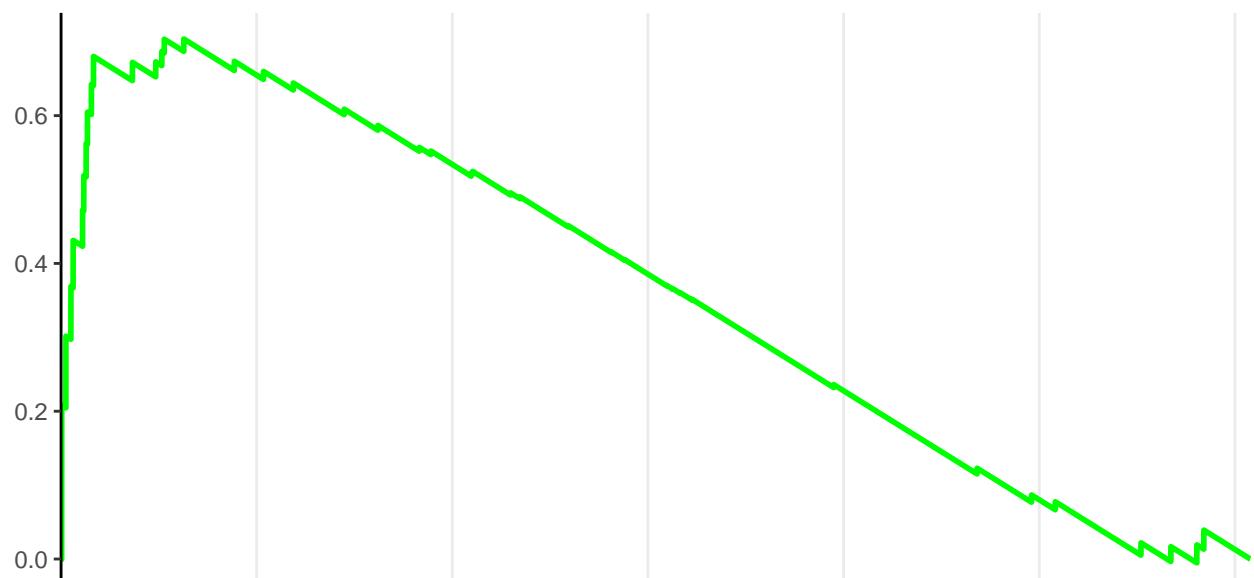
Ranked List Metric



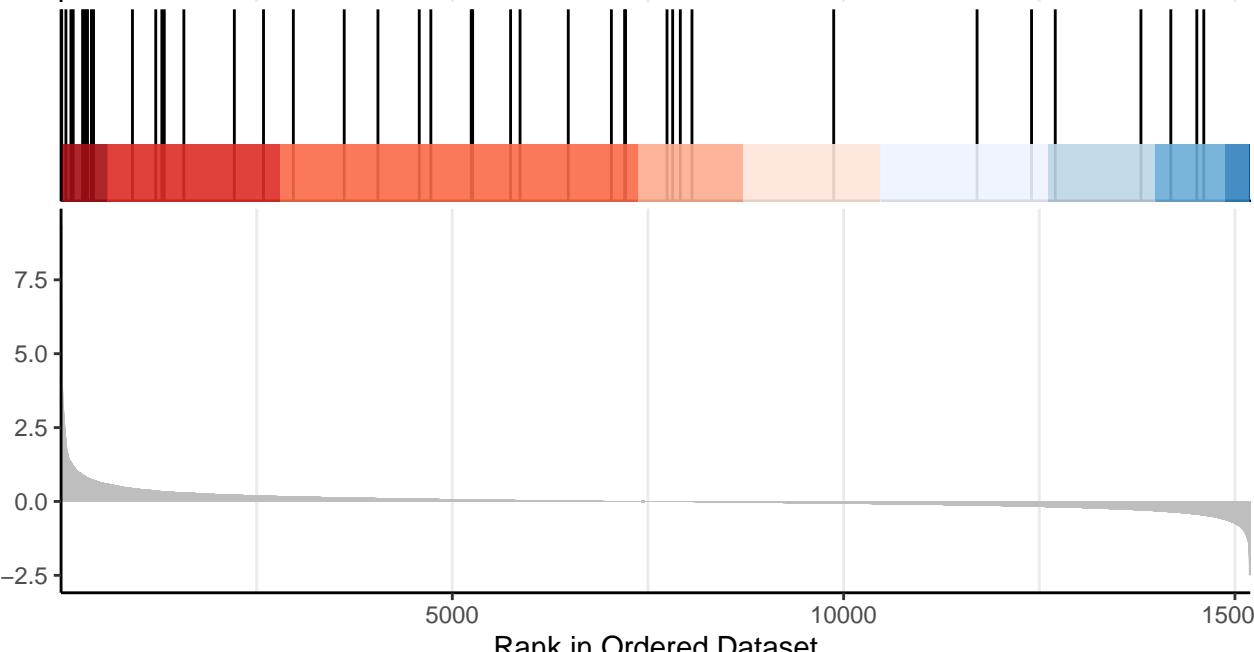
Rank in Ordered Dataset

# GOBP\_CELLULAR\_RESPONSE\_TO\_GLUCOCORTICOID\_STIMULUS

Running Enrichment Score



Ranked List Metric



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

Running Enrichment Score

0.0

-0.2

-0.4

-0.6

-0.8

Ranked List Metric

7.5

5.0

2.5

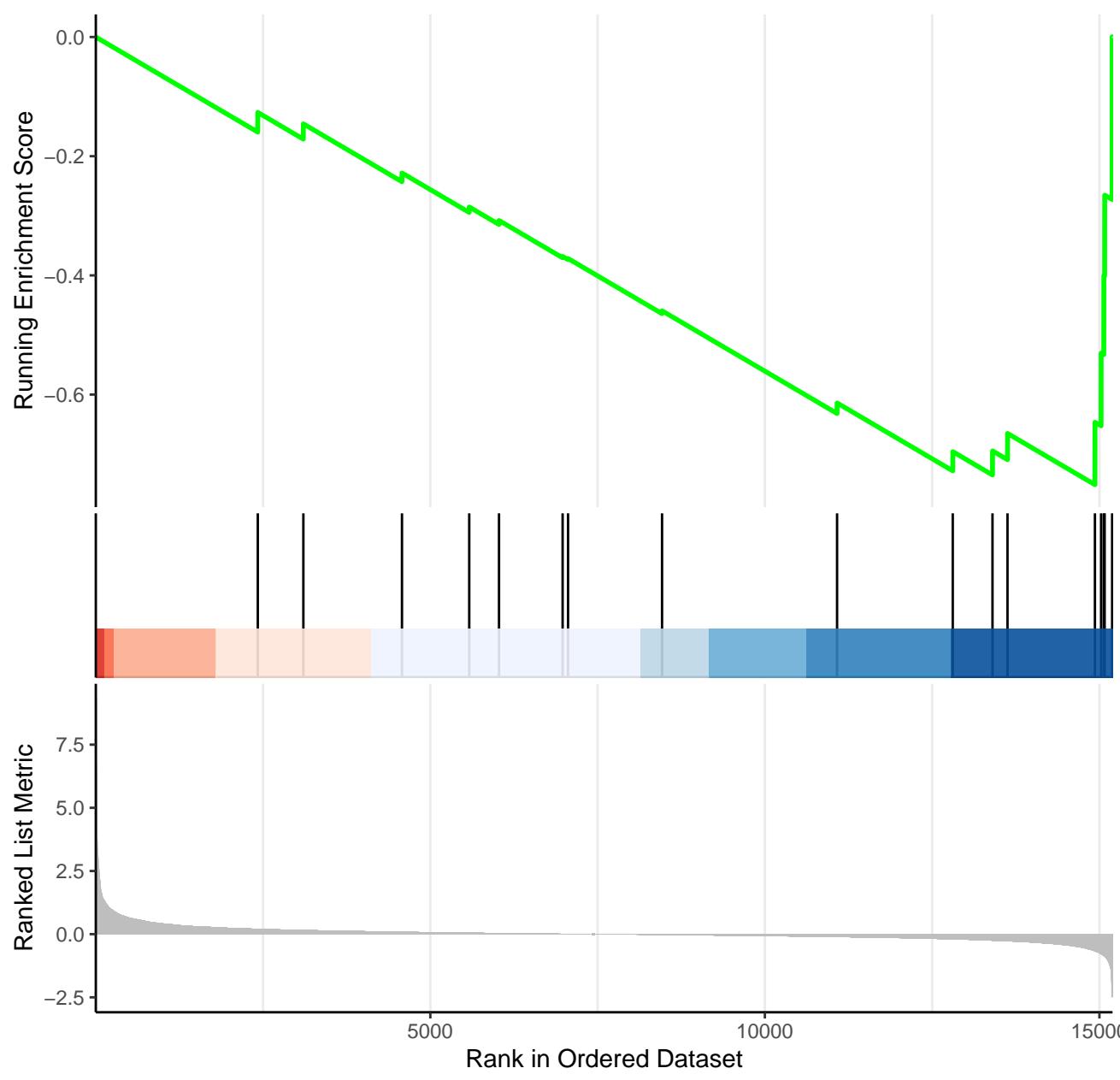
-2.5

5000

10000

15000

Rank in Ordered Dataset

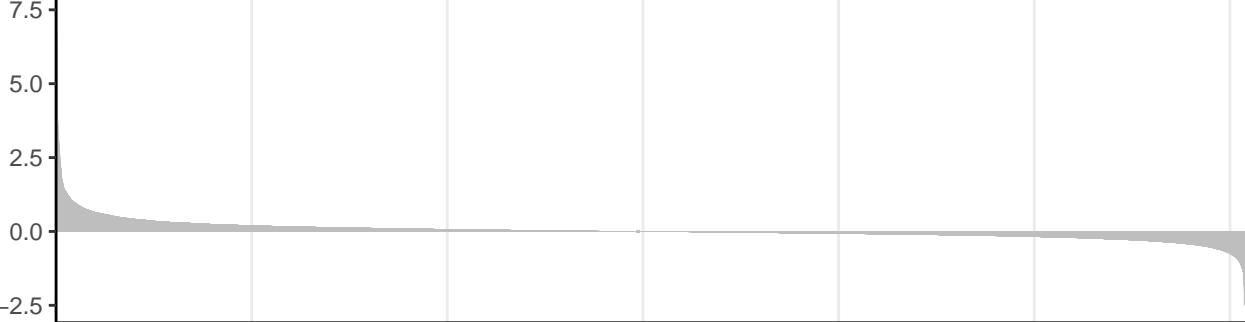


# GOBP\_POSITIVE\_REGULATION\_OF\_T\_CELL\_APOPTOTIC\_PROCESS

Running Enrichment Score



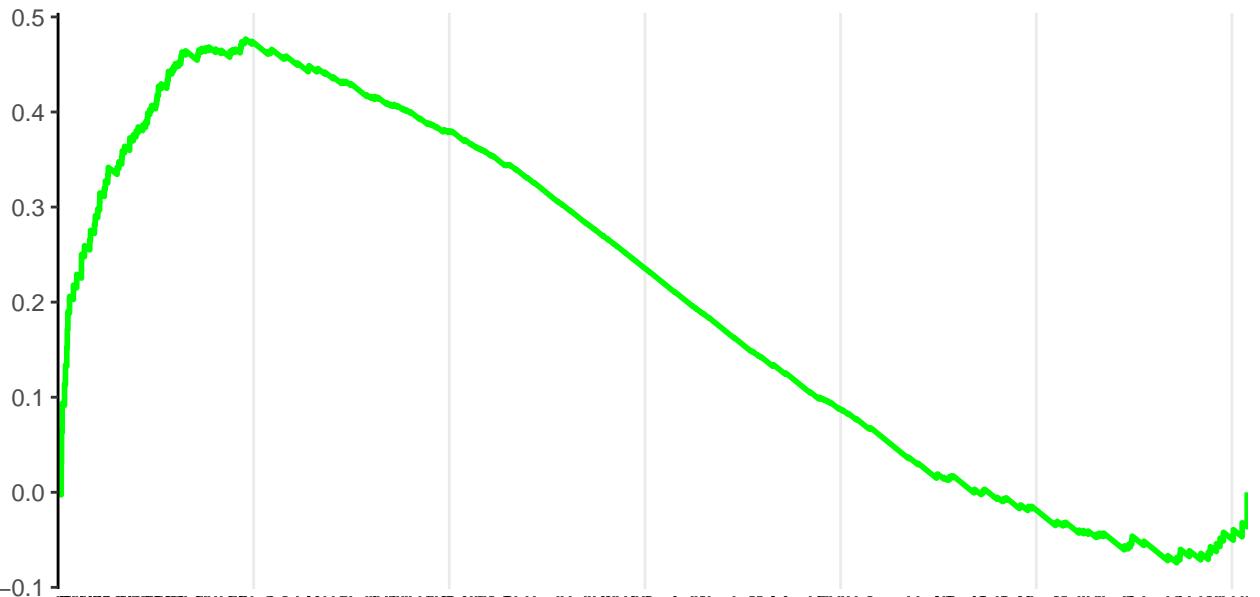
Ranked List Metric



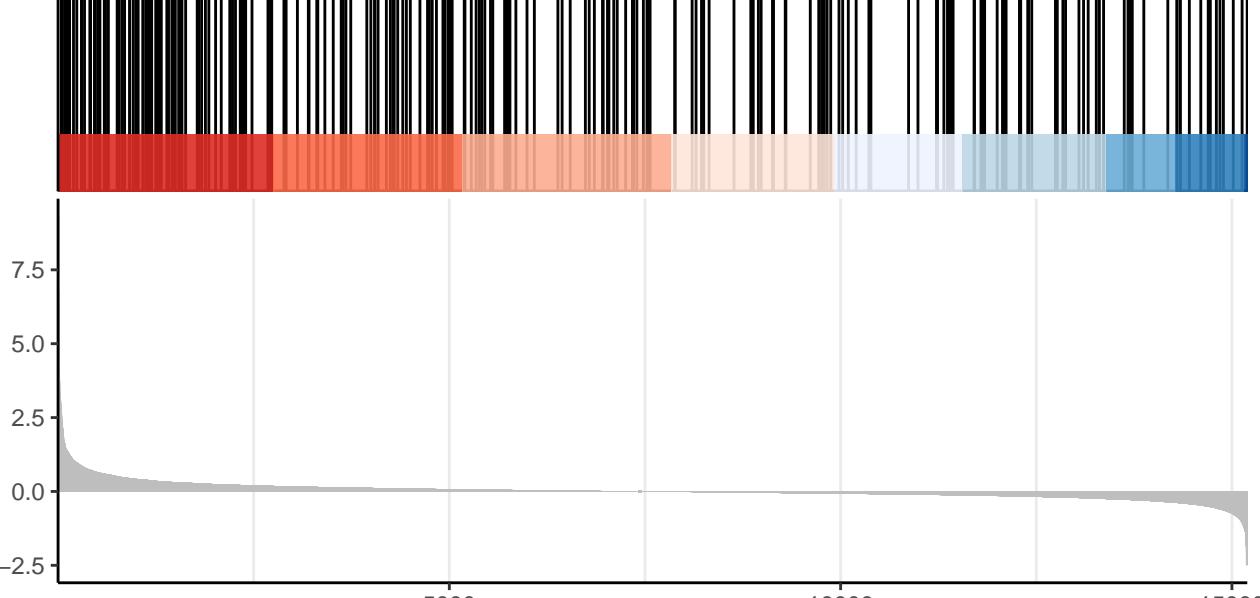
Rank in Ordered Dataset

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

Running Enrichment Score



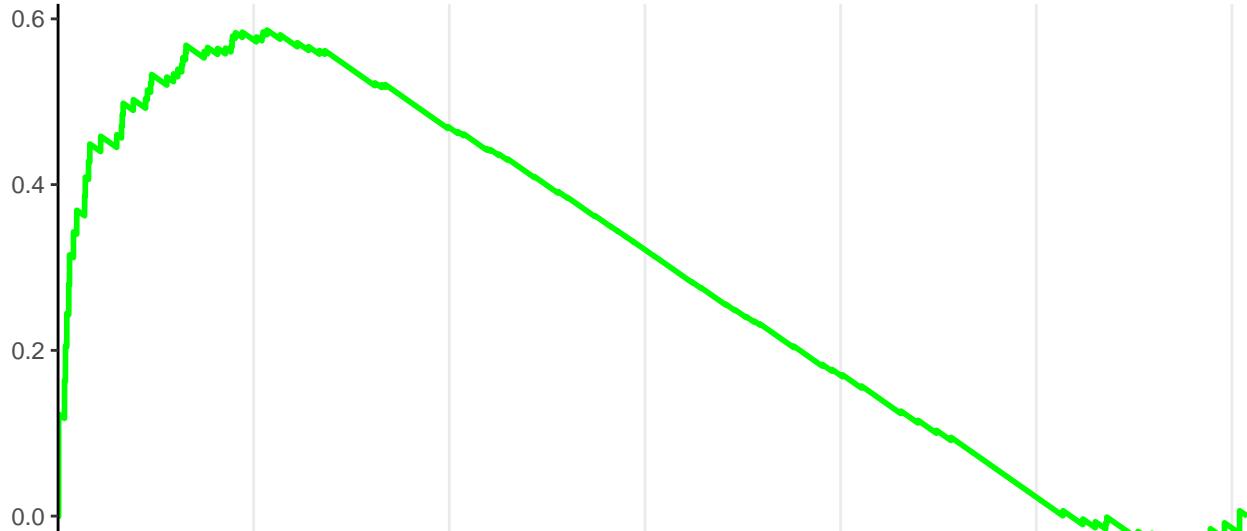
Ranked List Metric



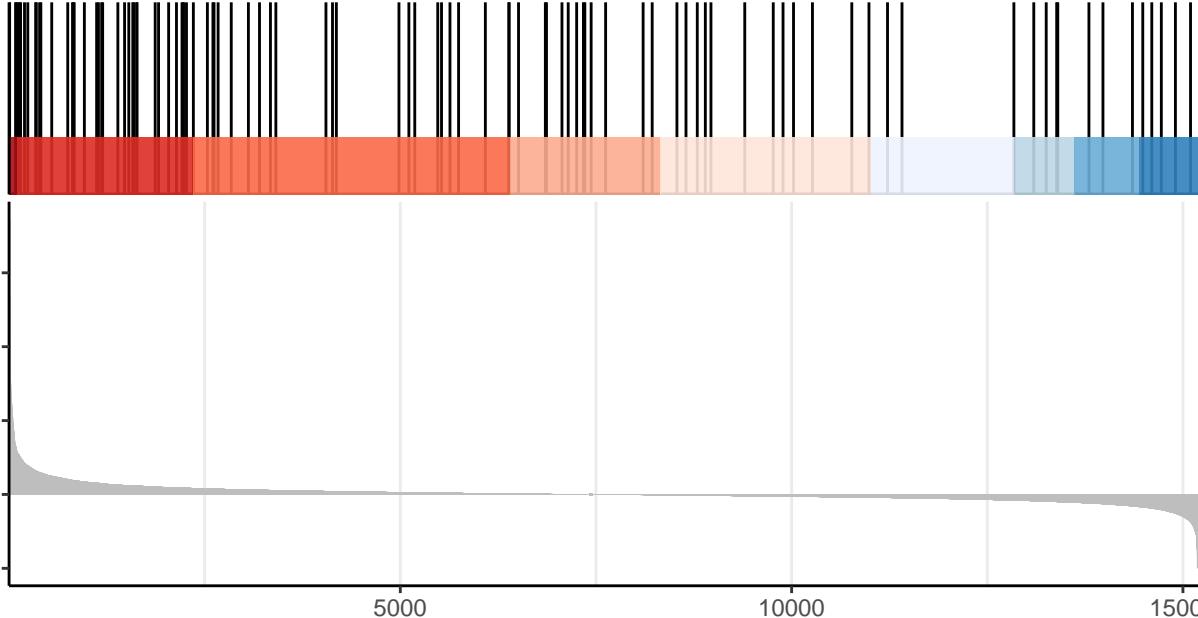
Rank in Ordered Dataset

# GOBP\_CARBOHYDRATE\_TRANSPORT

Running Enrichment Score



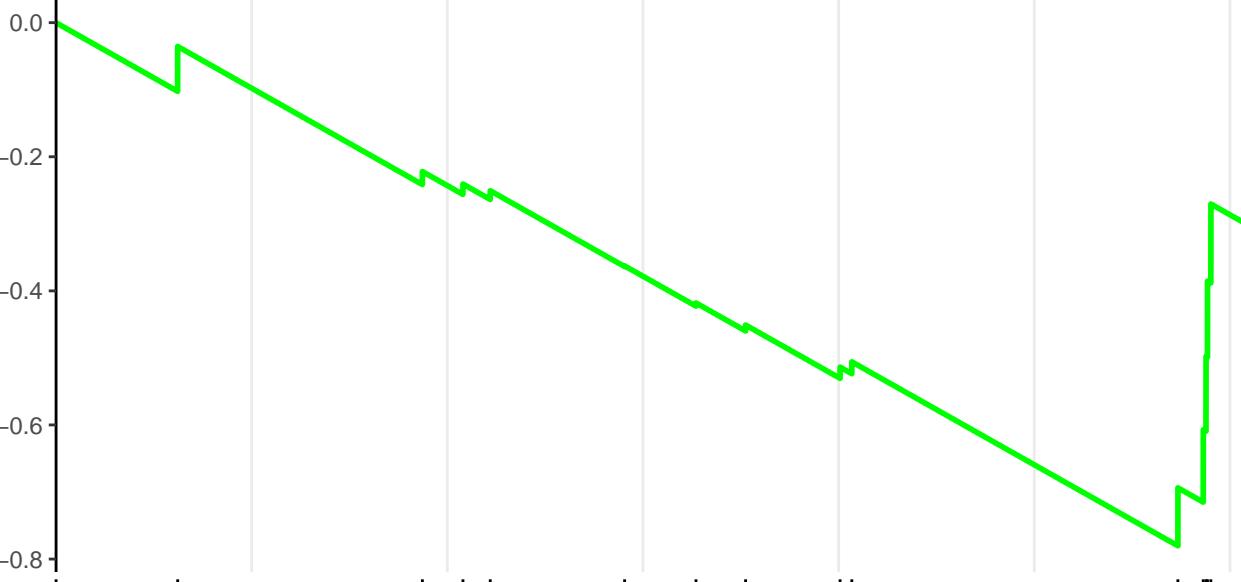
Ranked List Metric



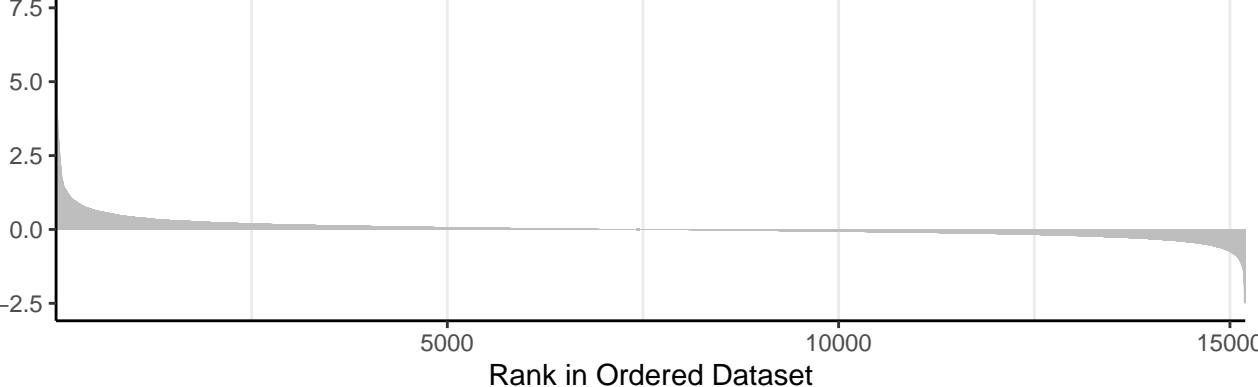
Rank in Ordered Dataset

# HP\_EPIPHORA

Running Enrichment Score

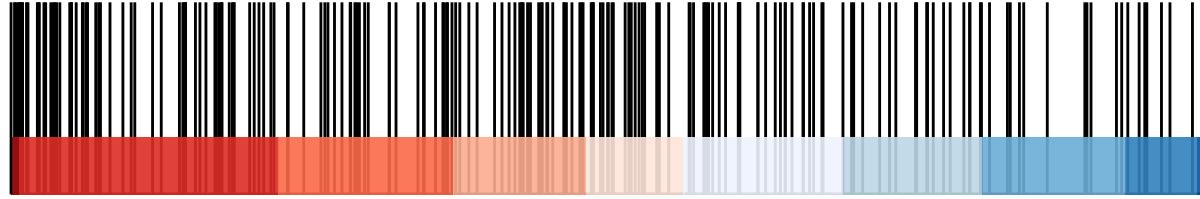
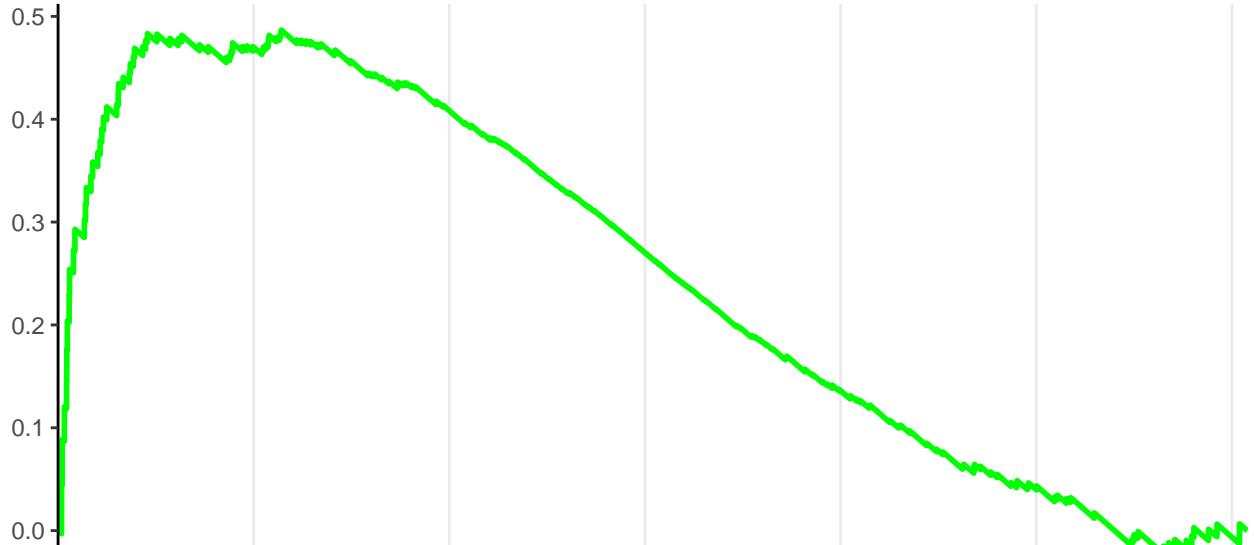


Ranked List Metric



# GOBP\_MONOSACCHARIDE\_METABOLIC\_PROCESS

Running Enrichment Score

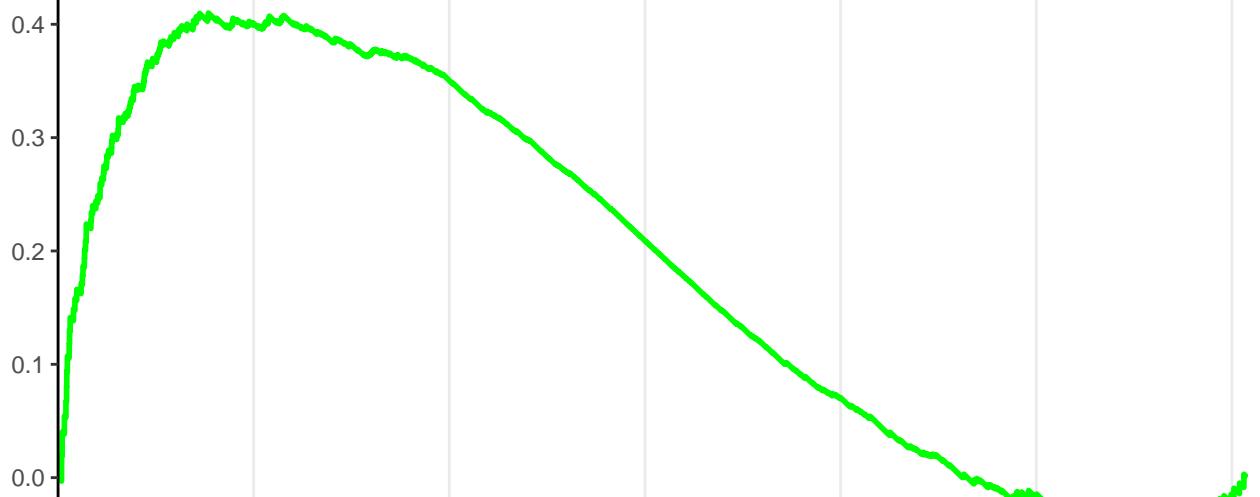


Ranked List Metric

Rank in Ordered Dataset

# GOBP\_CARBOHYDRATE\_METABOLIC\_PROCESS

Running Enrichment Score

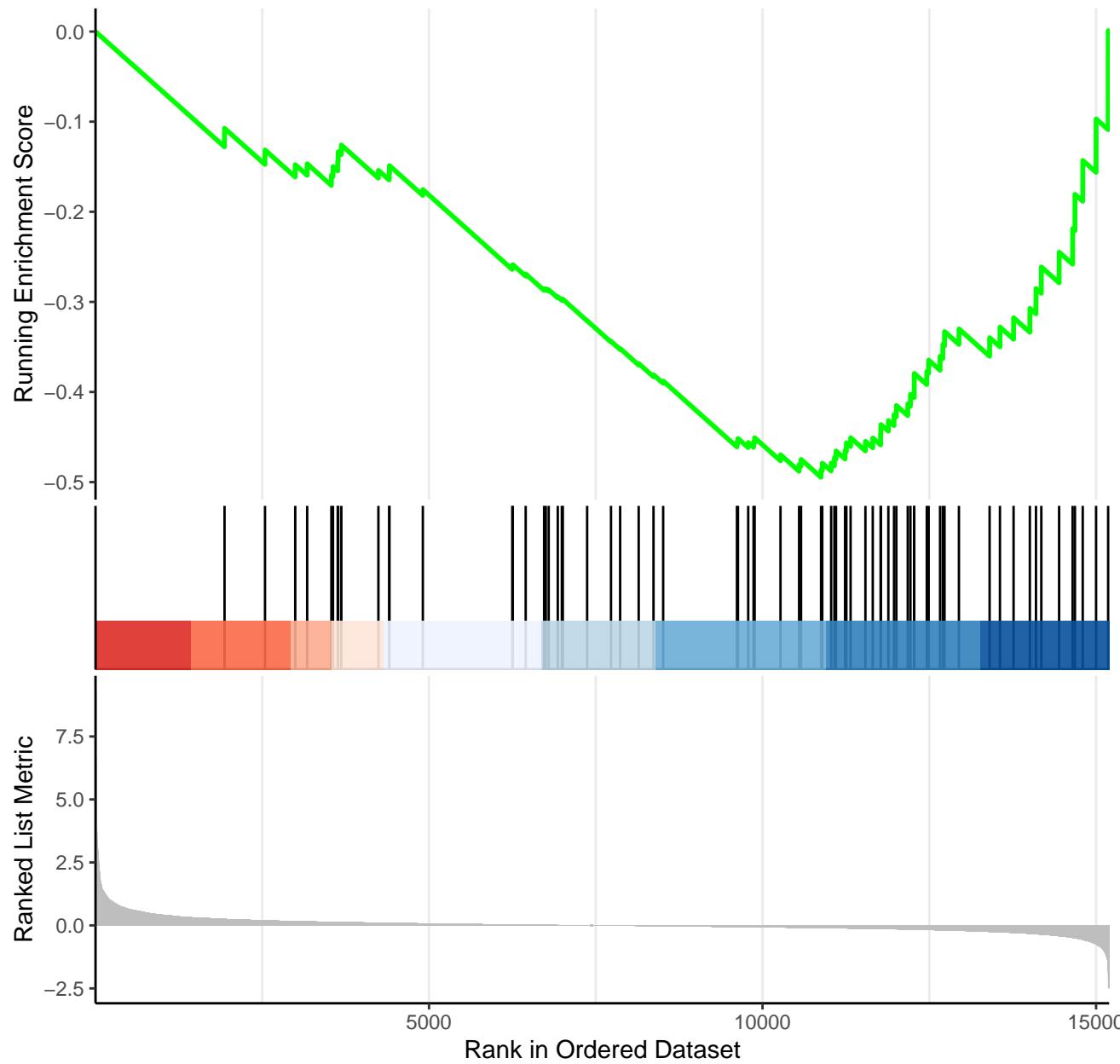


Ranked List Metric



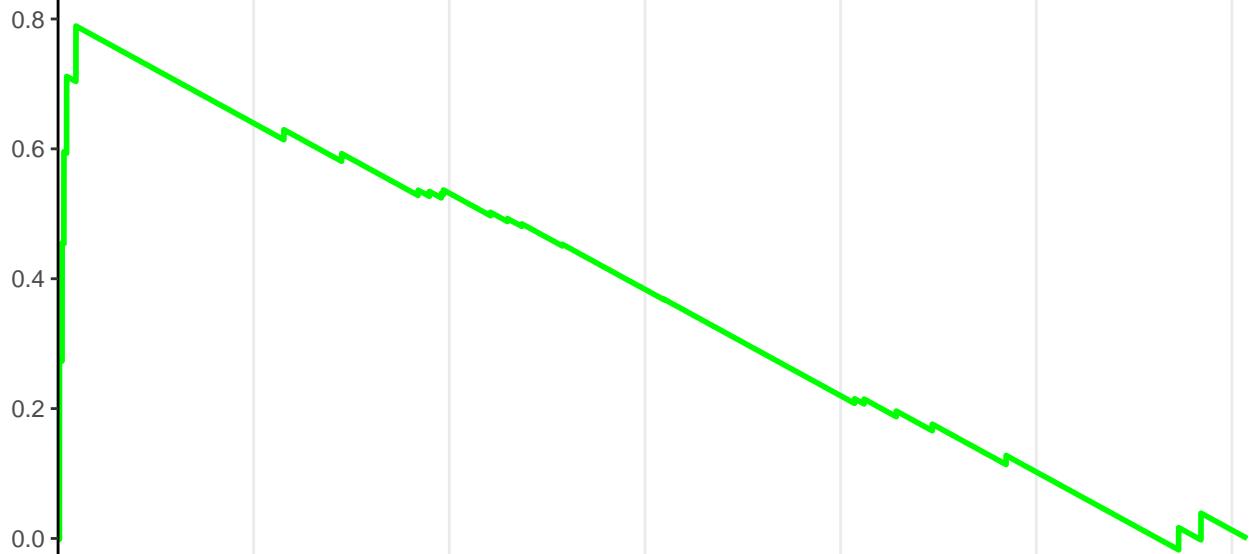
Rank in Ordered Dataset

# HP\_PREAXIAL\_POLYDACTYLY

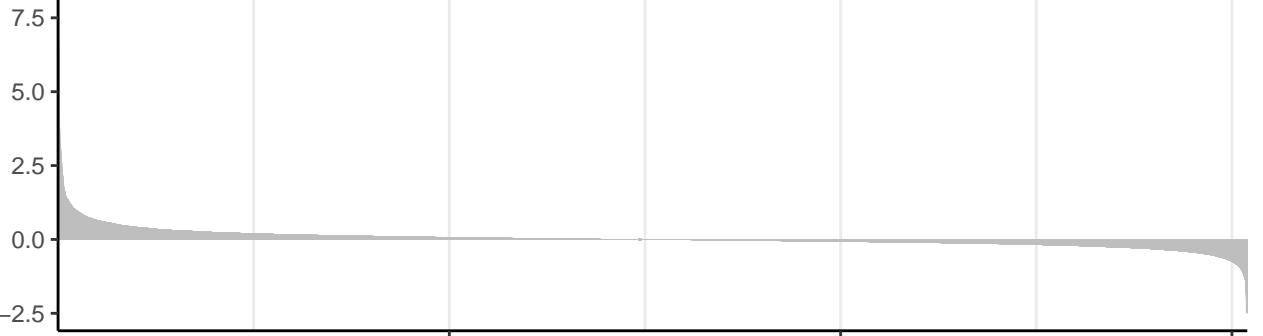


# GOBP\_CELLULAR\_RESPONSE\_TO\_CADMIUM\_ION

Running Enrichment Score



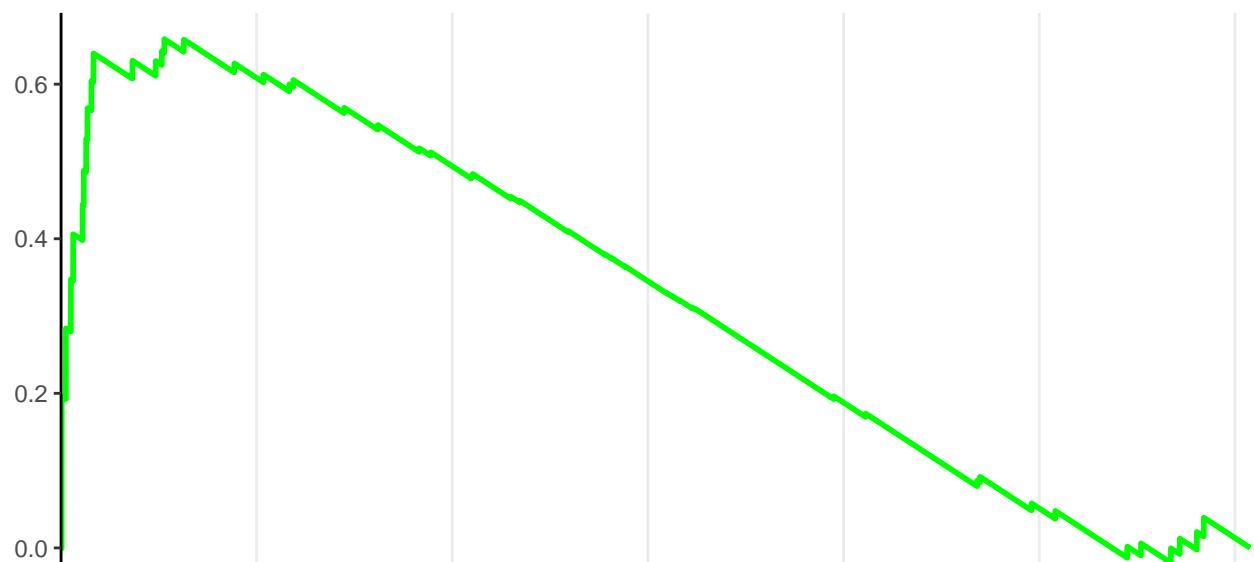
Ranked List Metric



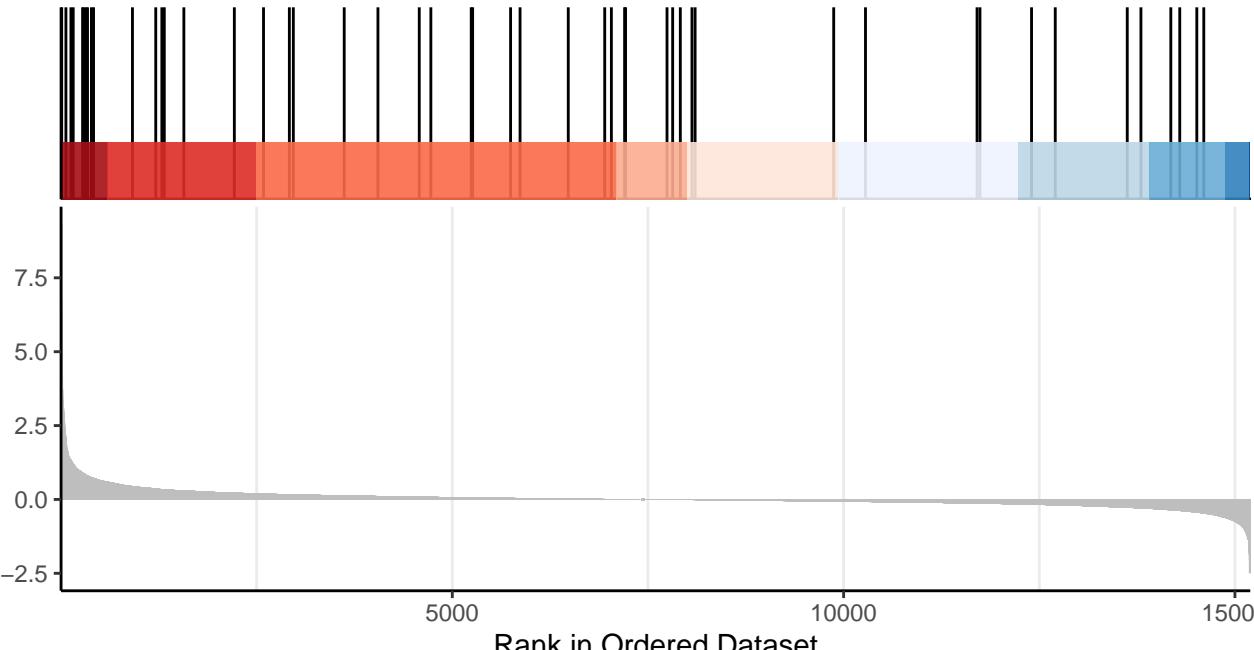
Rank in Ordered Dataset

# GOBP\_CELLULAR\_RESPONSE\_TO\_CORTICOSTEROID\_STIMULUS

Running Enrichment Score

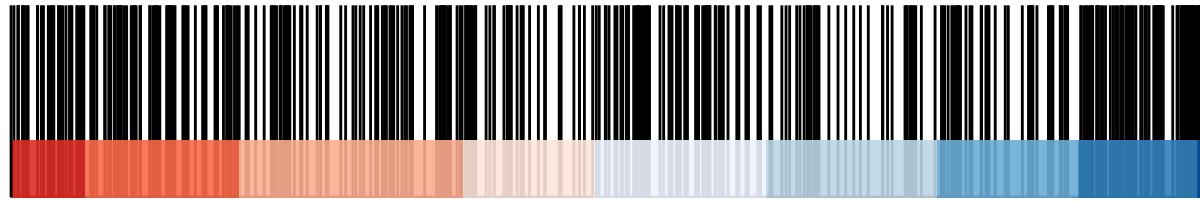
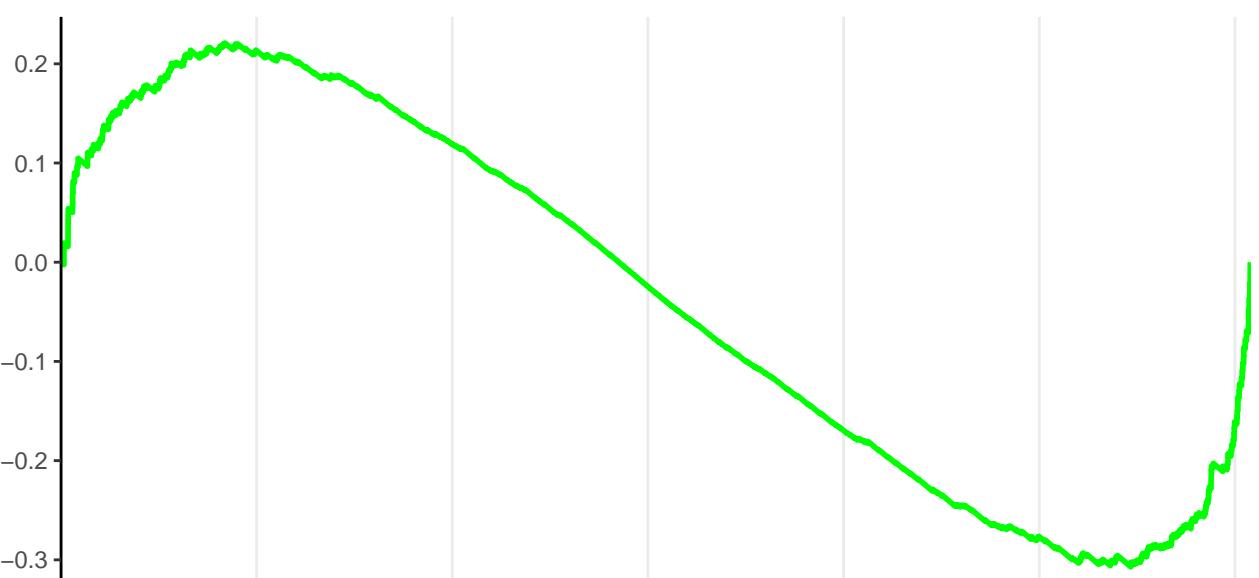


Ranked List Metric



# GOBP\_POSITIVE\_REGULATION\_OF\_PHOSPHORYLATION

Running Enrichment Score



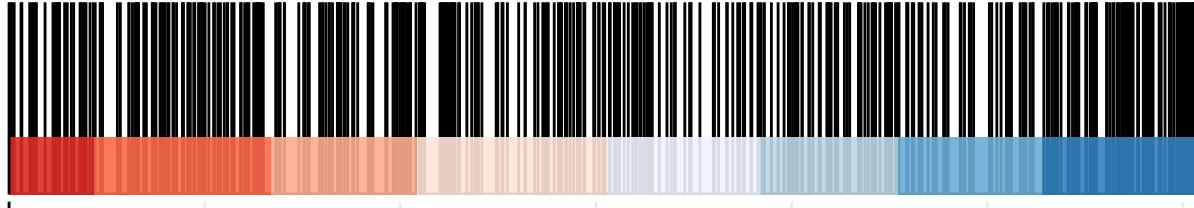
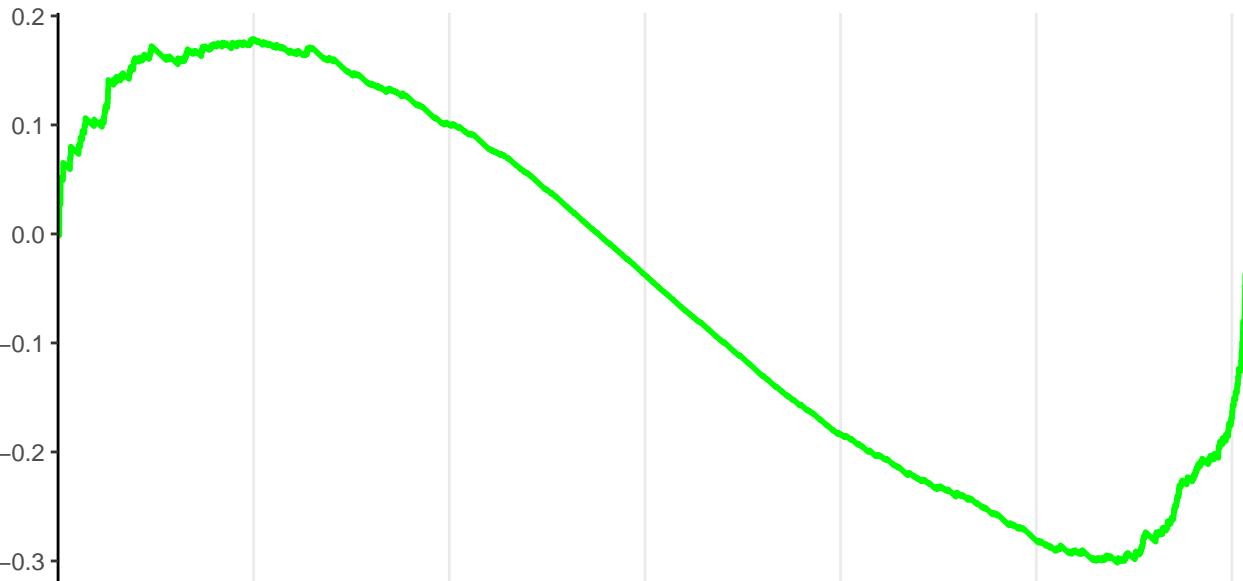
Ranked List Metric



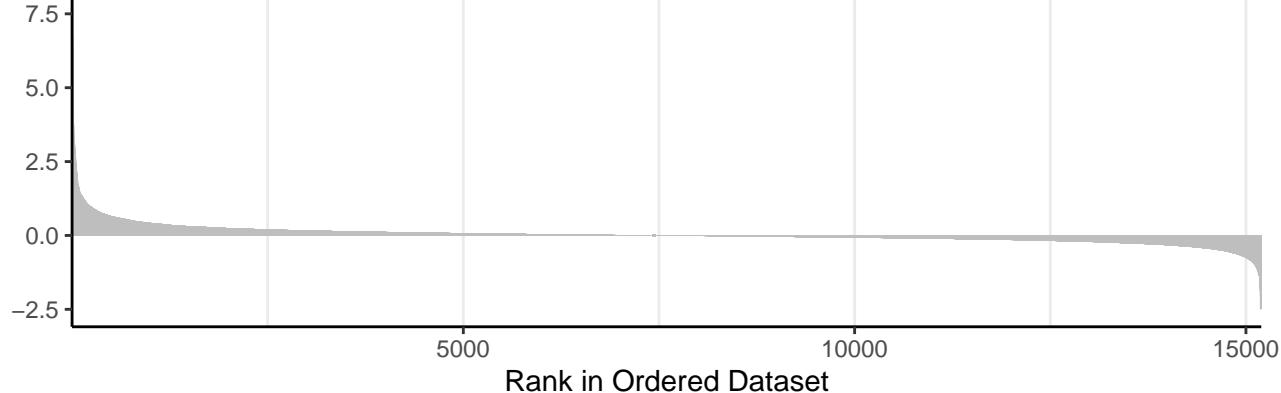
Rank in Ordered Dataset

# GOCC\_POSTSYNAPSE

Running Enrichment Score

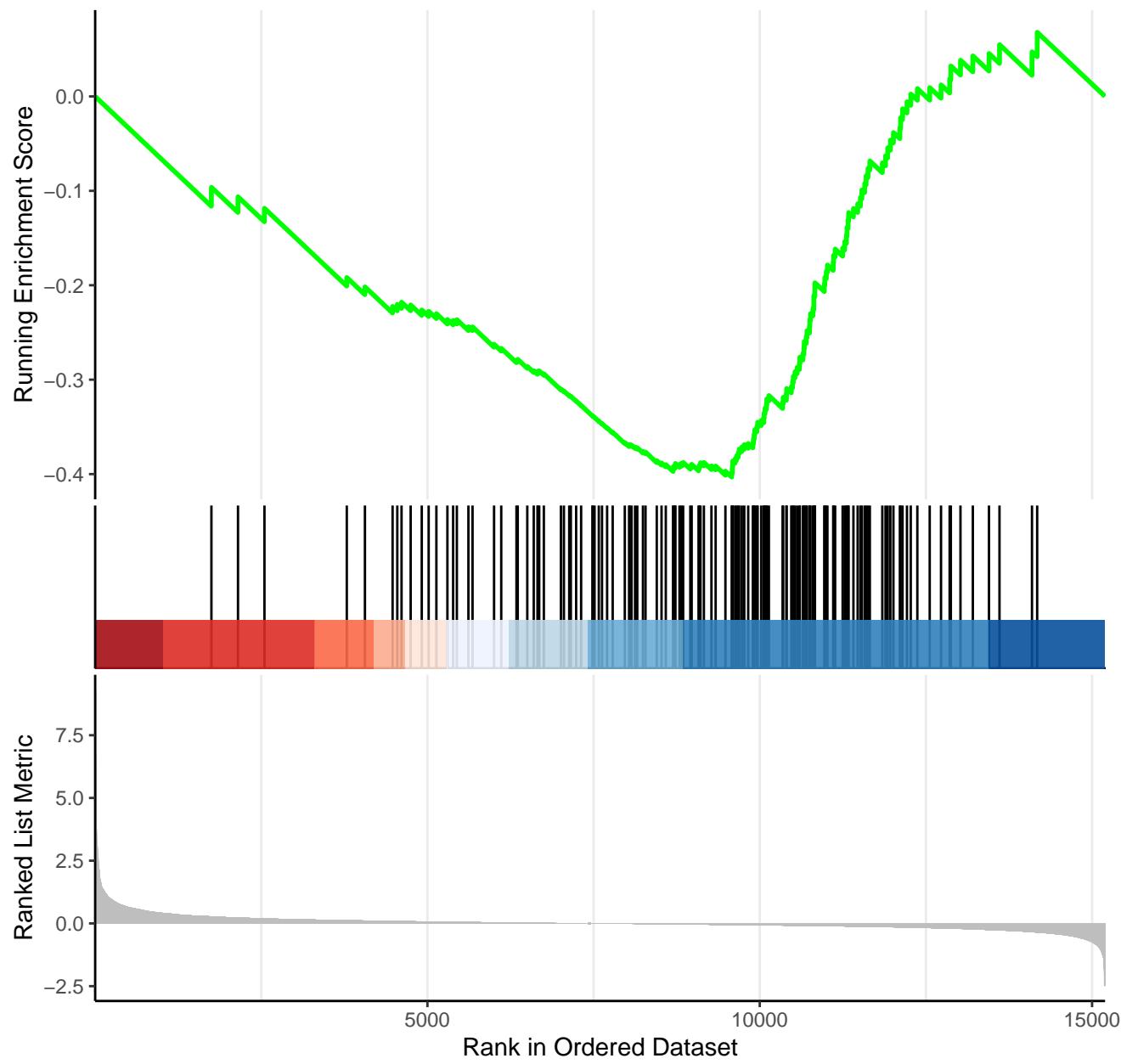


Ranked List Metric



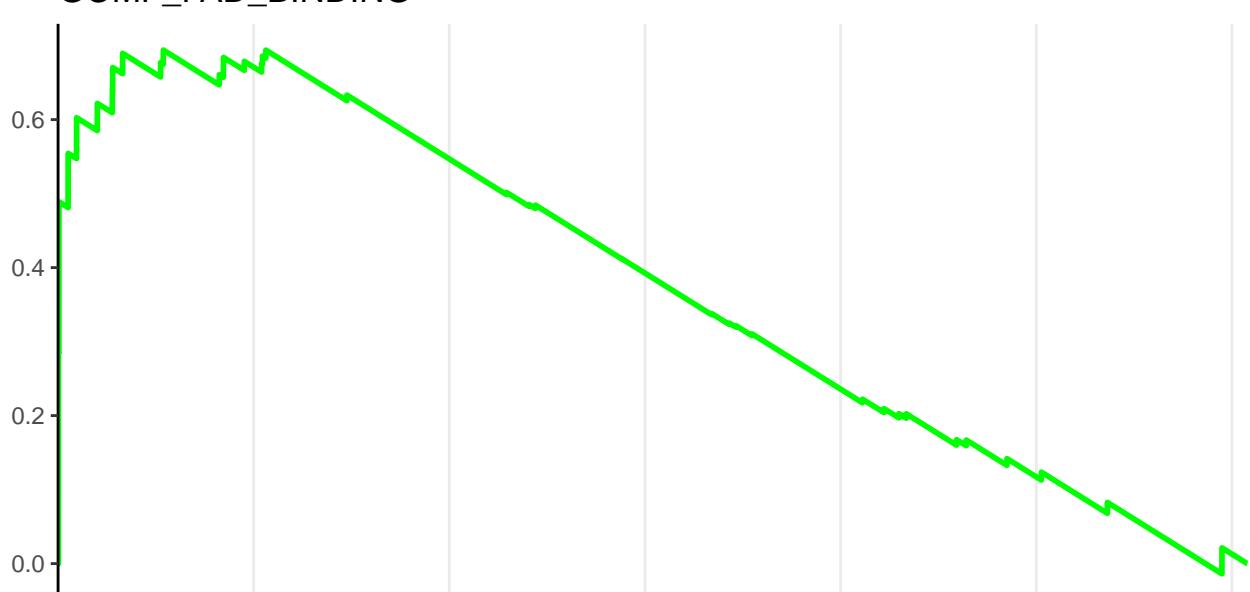
Rank in Ordered Dataset

# GOMF\_STRUCTURAL\_CONSTITUENT\_OF\_RIBOSOME

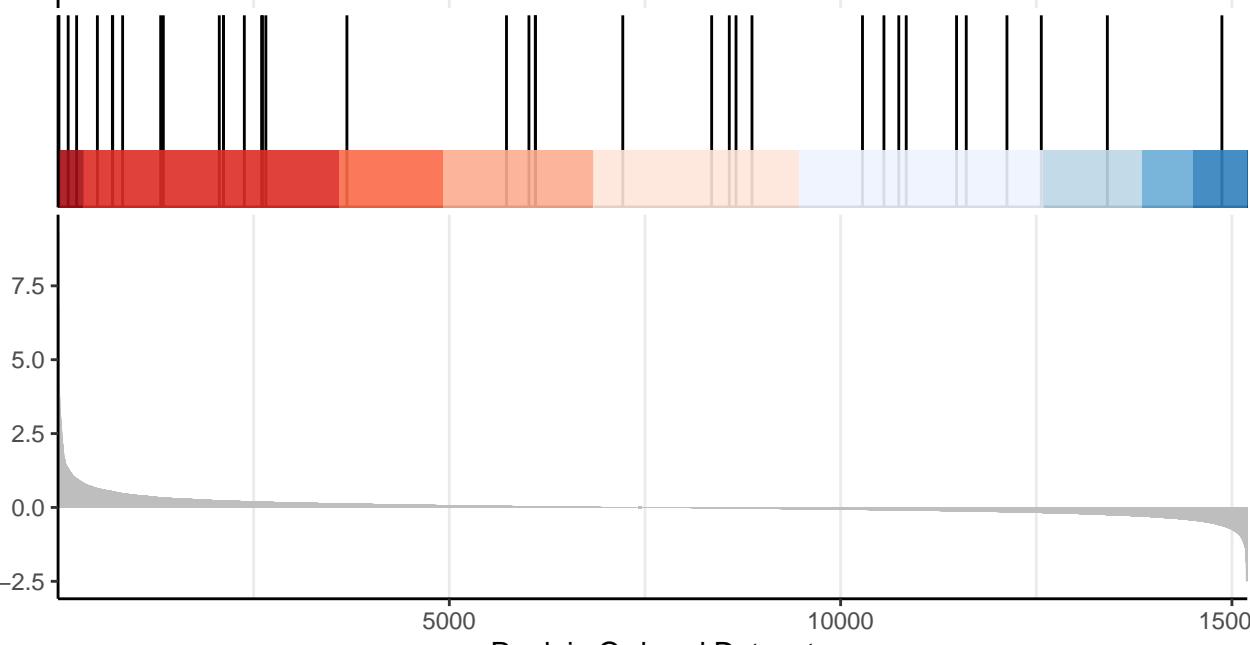


# GOMF\_FAD\_BINDING

Running Enrichment Score



Ranked List Metric



# GOBP\_CAMP\_METABOLIC\_PROCESS

Running Enrichment Score

0.0

-0.2

-0.4

-0.6

-0.8

Ranked List Metric

7.5

5.0

2.5

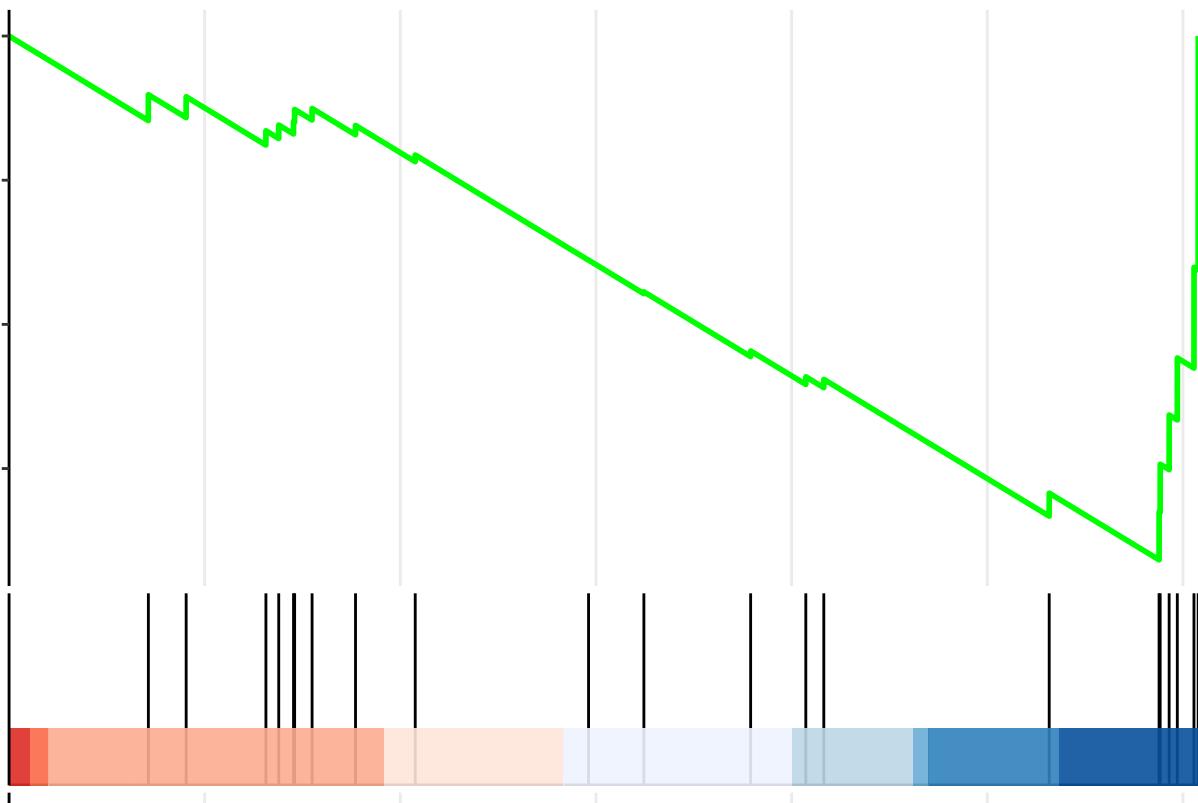
-2.5

5000

10000

15000

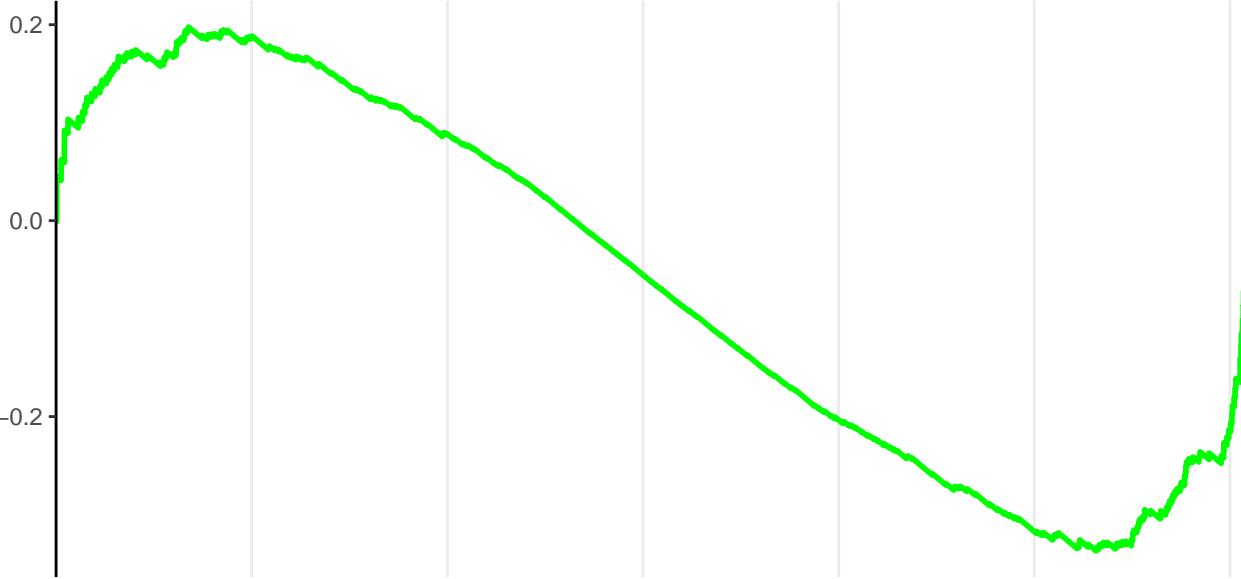
Rank in Ordered Dataset



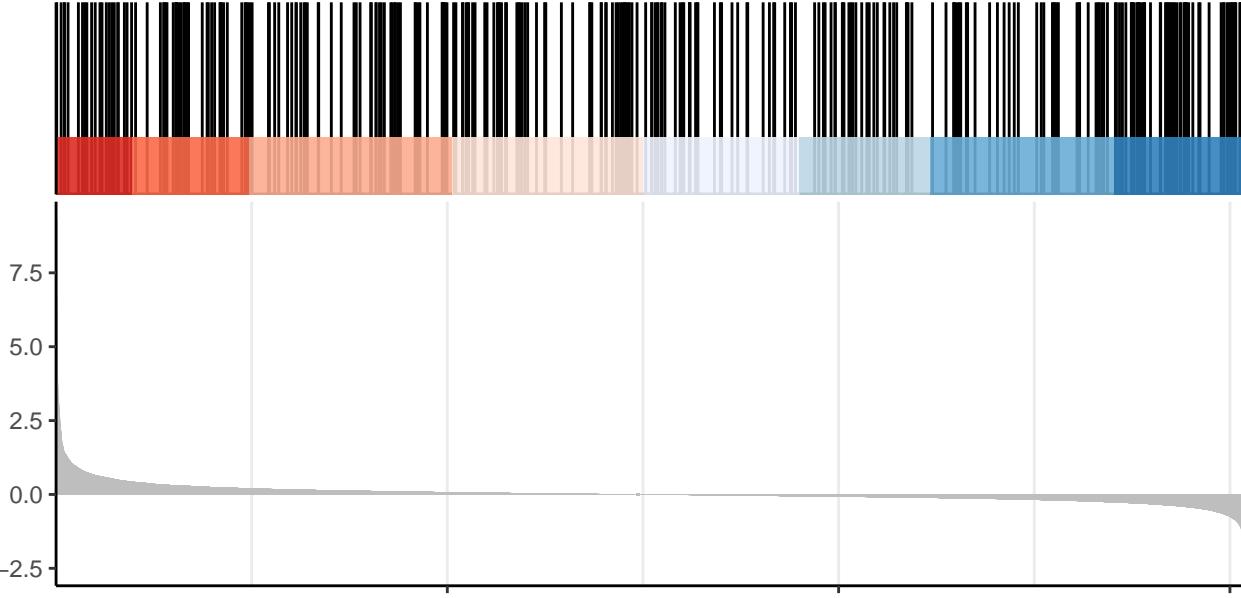
Score

# GOBP\_REGULATION\_OF\_TRANS\_SYNAPTIC\_SIGNALING

Running Enrichment Score



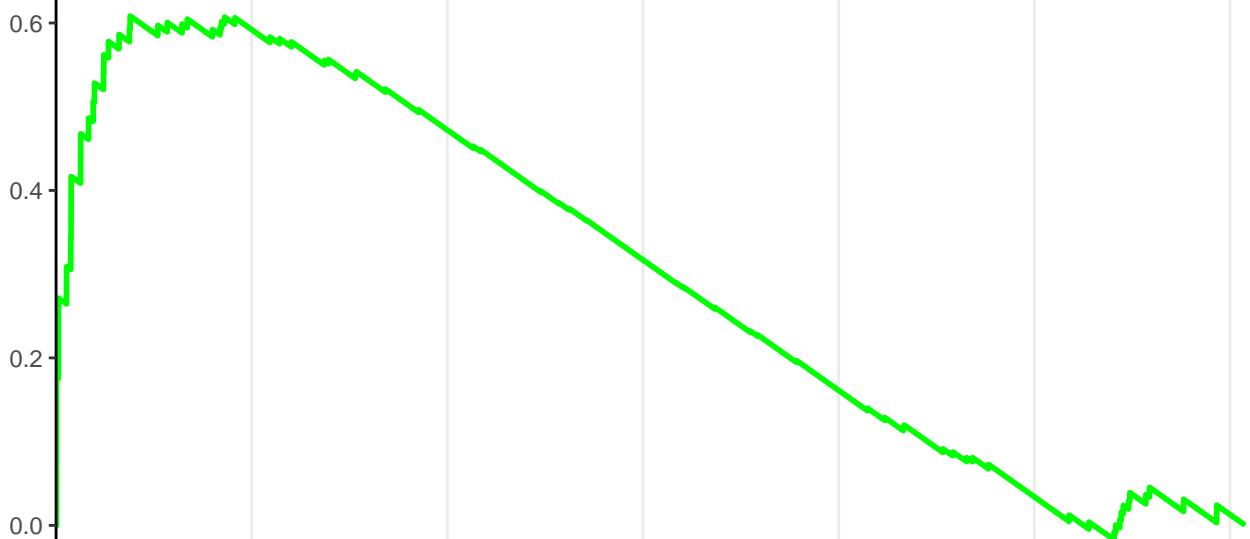
Ranked List Metric



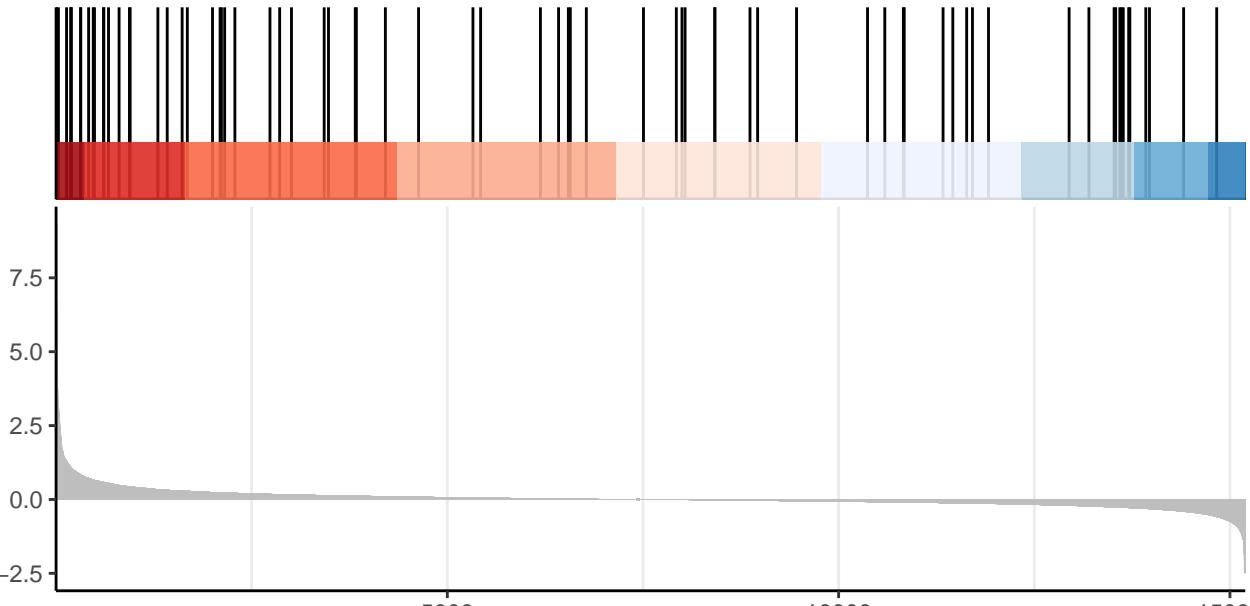
Rank in Ordered Dataset

# GOBP\_AMINO\_ACID\_CATABOLIC\_PROCESS

Running Enrichment Score



Ranked List Metric

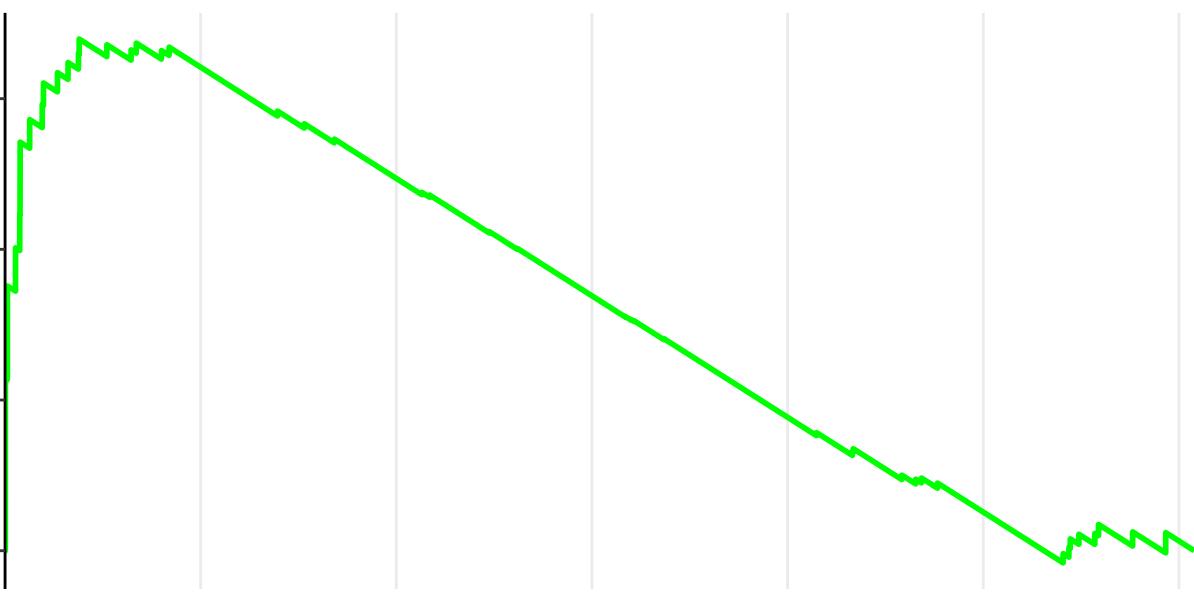


Rank in Ordered Dataset

# GOBP\_L\_AMINO\_ACID\_CATABOLIC\_PROCESS

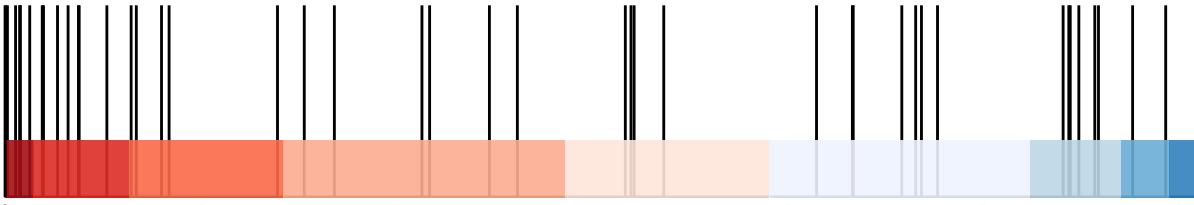
Running Enrichment Score

0.6  
0.4  
0.2  
0.0



Ranked List Metric

7.5  
5.0  
2.5  
0.0  
-2.5

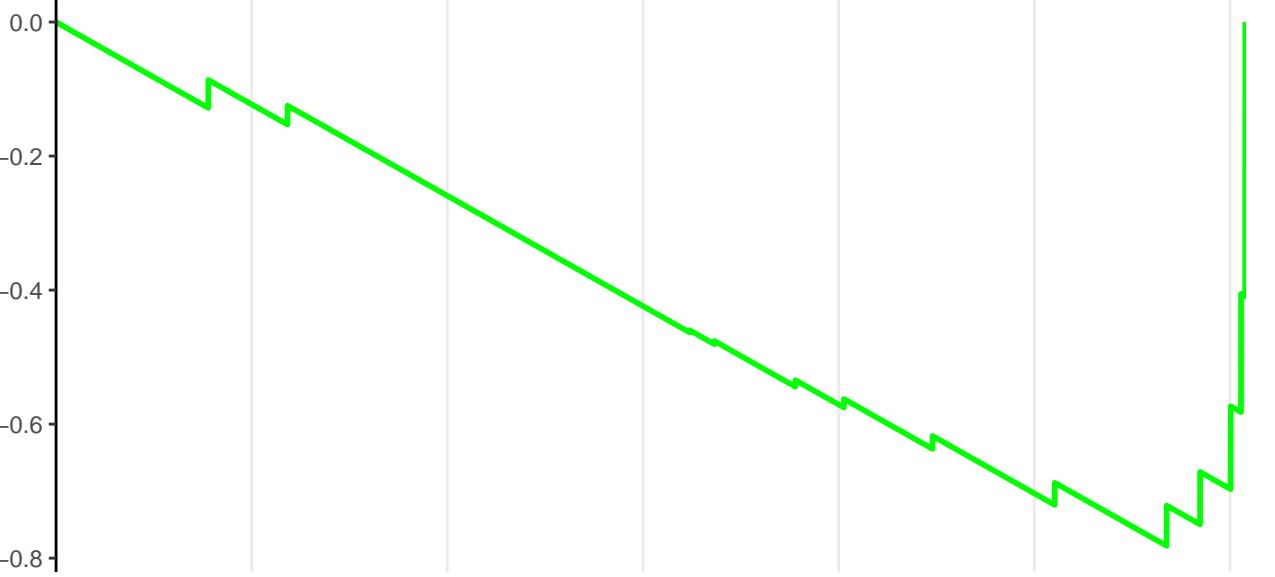


5000 10000 15000

Rank in Ordered Dataset

# GOBP\_POSITIVE\_REGULATION\_OF\_LONG\_TERM\_SYNAPTIC\_POTENTIATION

Running Enrichment Score



Ranked List Metric

