

# H for de gene

Pathway

HALLMARK UV RESPONSE  
UP

HALLMARK MYC TARGETS  
V1

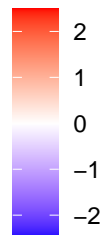
HALLMARK INTERFERON  
GAMMA RESPONSE

HALLMARK E2F TARGETS

HALLMARK G2M  
CHECKPOINT

HALLMARK EPITHELIAL  
MESENCHYMAL  
TRANSITION

NES



0

10

20

30

Size

## C2 CGP for de gene

Pathway

LEIN NEURON MARKERS

VERHAAK GLIOBLASTOMA  
NEURAL

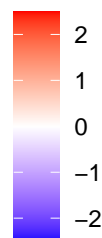
RICKMAN HEAD AND  
NECK CANCER C

SHEDDEN LUNG CANCER  
GOOD SURVIVAL A12

MCLACHLAN DENTAL  
CARIES UP

SCHUETZ BREAST  
CANCER DUCTAL  
INVASIVE UP

NES



0

10

Size

20

30

40

## C2 CP:BIOCARTA for de gene

Pathway

BIOCARTA  
KERATINOCYTE PATHWAY

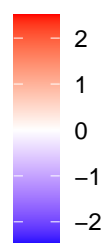
BIOCARTA CBL PATHWAY

BIOCARTA ERYTH  
PATHWAY

BIOCARTA CYTOKINE  
PATHWAY

BIOCARTA RB PATHWAY

NES



0

1

2

3

Size

## C2 CP:PID for de gene

Pathway

PID TXA2PATHWAY

PID IL23 PATHWAY

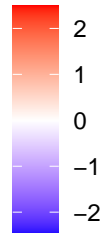
PID ATF2 PATHWAY

PID FRA PATHWAY

PID AVB3 INTEGRIN  
PATHWAY

PID SYNDECAN 1  
PATHWAY

NES



0.0

2.5

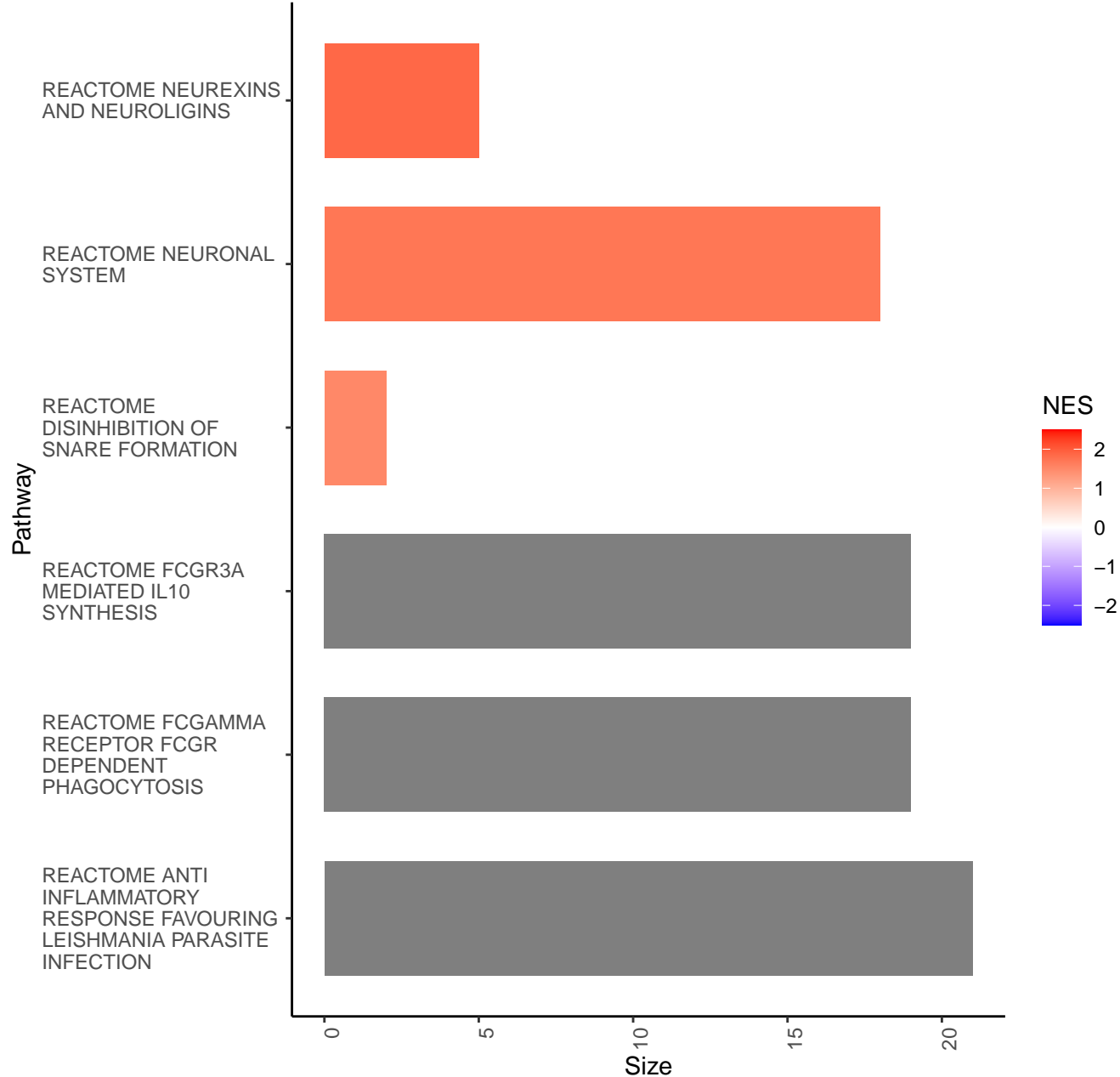
5.0

7.5

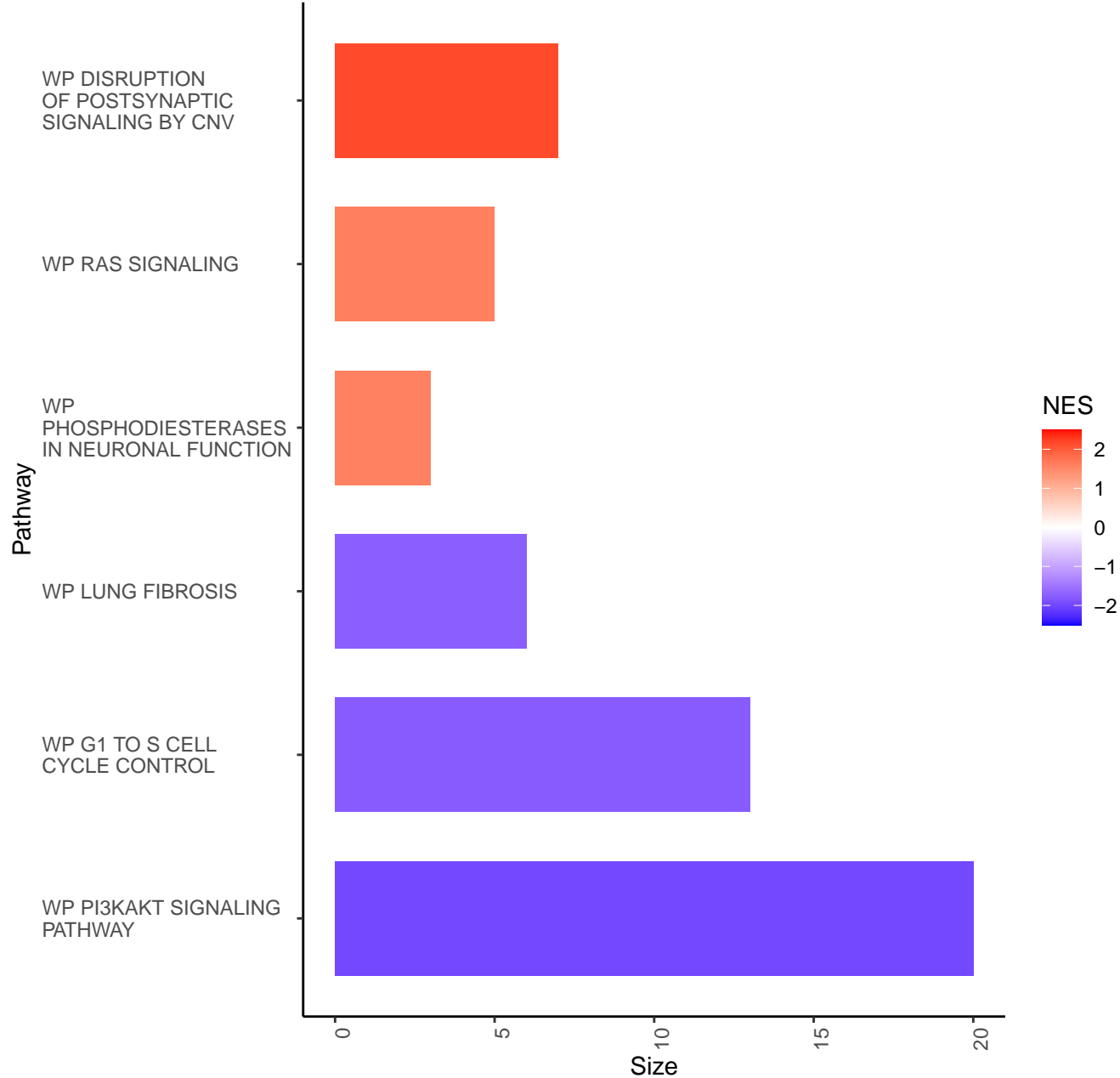
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Size

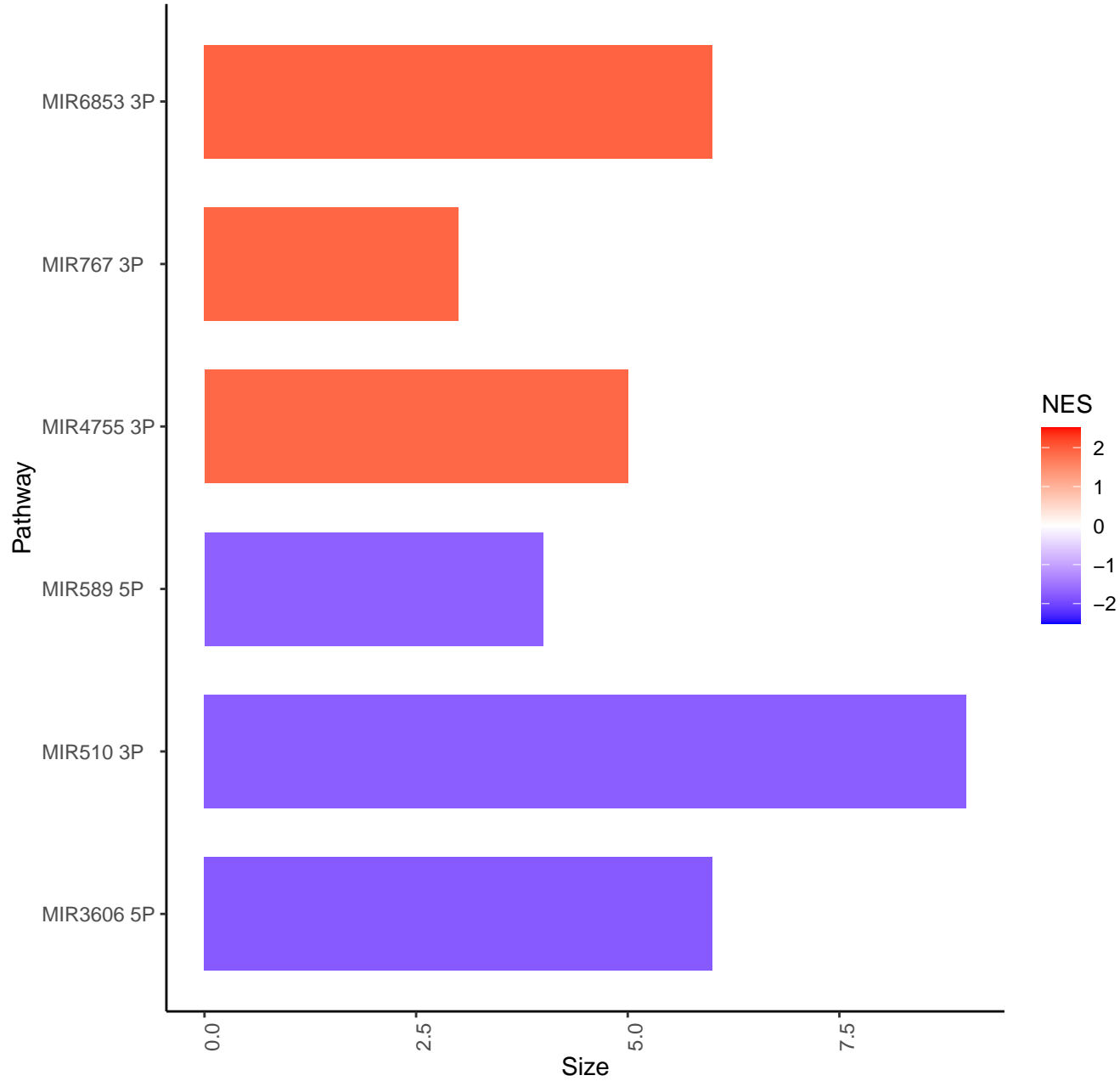
## C2 CP:REACTOME for de gene



## C2 CP:WIKIPATHWAYS for de gene



# C3 MIR:MIRDB for de gene



# C3 TFT:GTRD for de gene

Pathway

ZNF140 TARGET GENES

NFKBIA TARGET GENES

ZNF16 TARGET GENES

ZNF563 TARGET GENES

ZNF136 TARGET GENES

HSD17B8 TARGET GENES

0

10

20

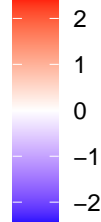
30

40

50

Size

NES





# C4 CGN for de gene

Pathway

MORF HDAC1

MORF ACP1

MORF ACTG1

GNF2 HMMR

GNF2 CDC20

GNF2 CCNB2

0

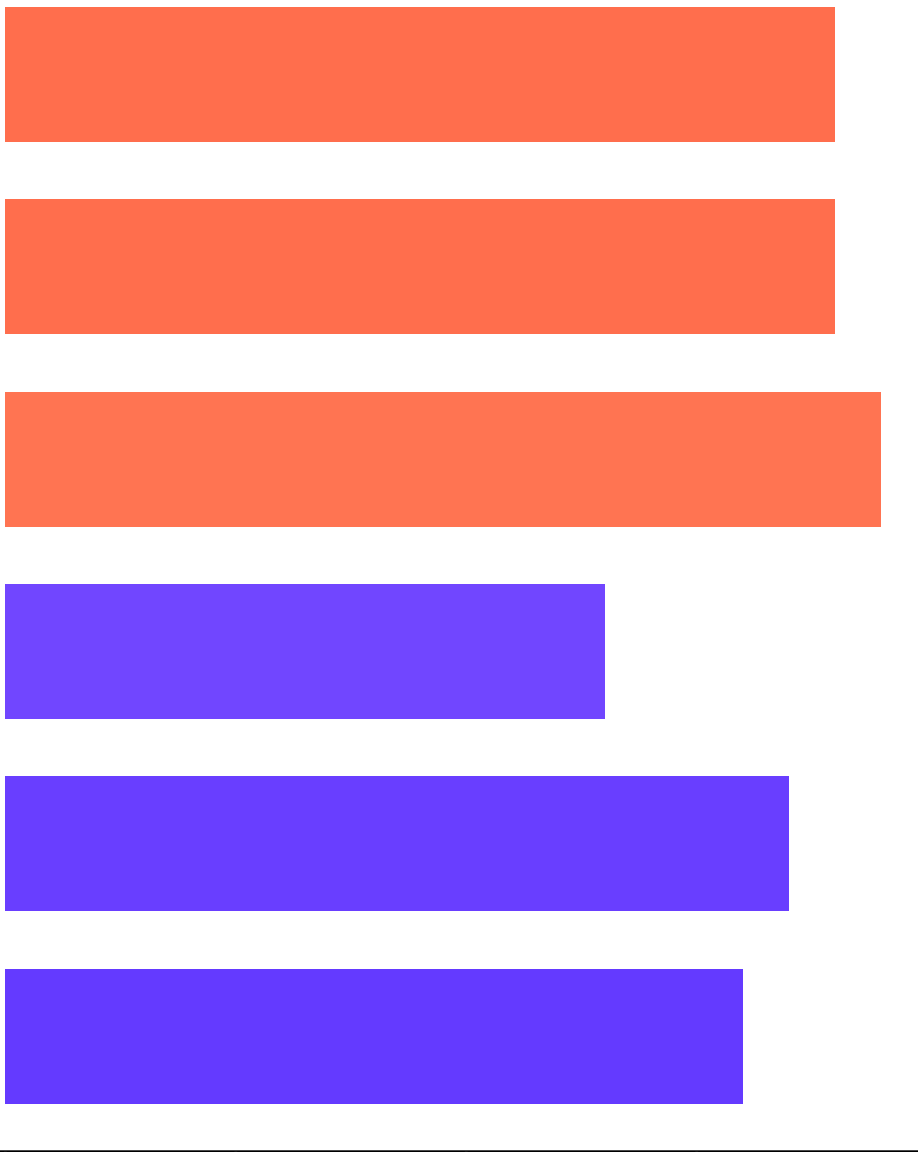
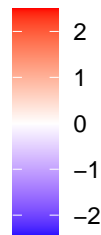
5

10

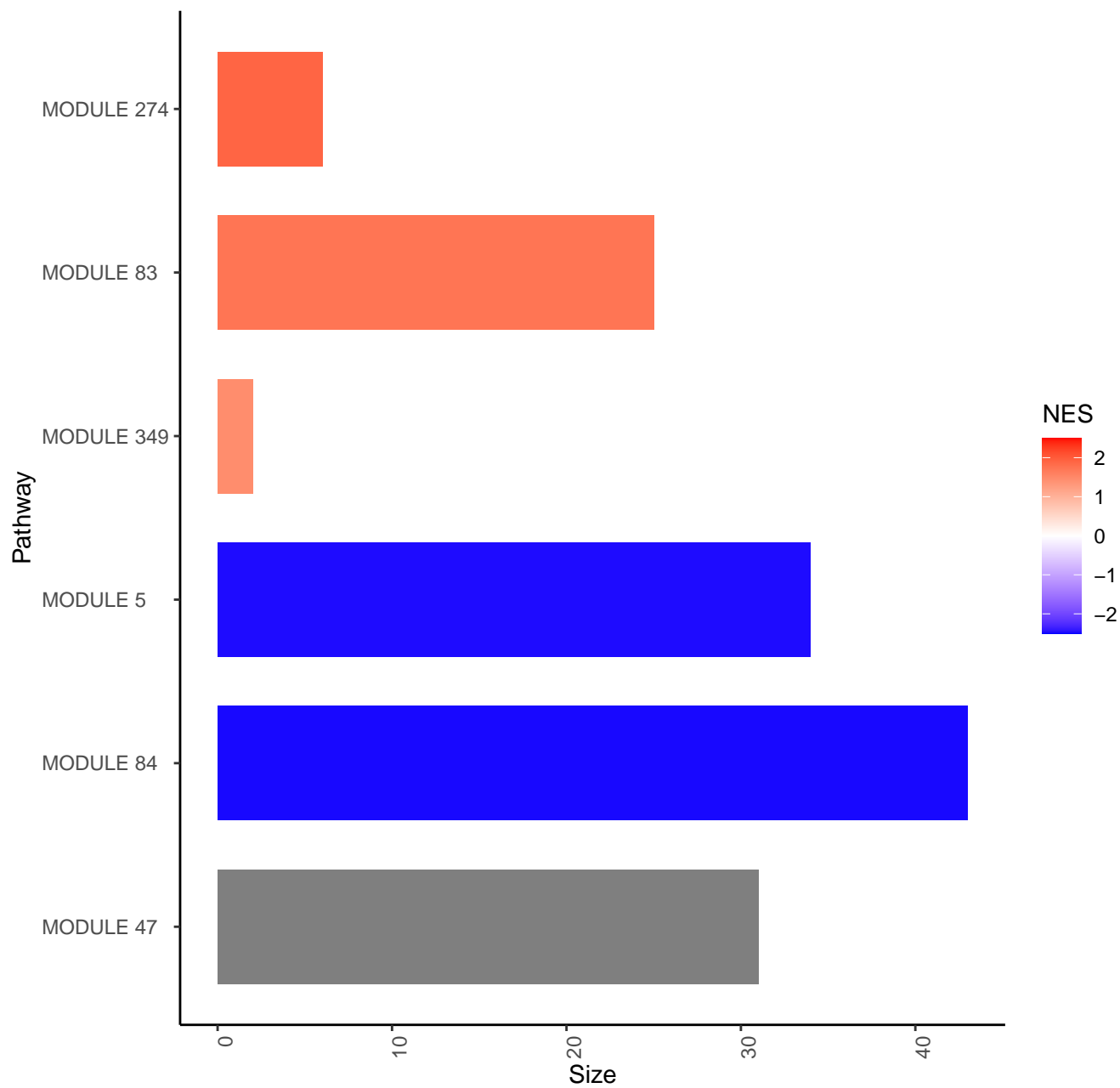
15

Size

NES



# C4 CM for de gene



# C5 GO:BP for de gene

Pathway

GOBP  
NEUROTRANSMITTER  
SECRETION

GOBP REGULATION OF  
NEUROTRANSMITTER  
LEVELS

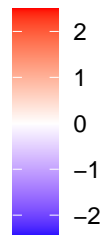
GOBP SYNAPTIC  
VESICLE EXOCYTOSIS

GOBP DEFENSE  
RESPONSE TO  
BACTERIUM

GOBP POSITIVE  
REGULATION OF B CELL  
ACTIVATION

GOBP ADAPTIVE IMMUNE  
RESPONSE

NES



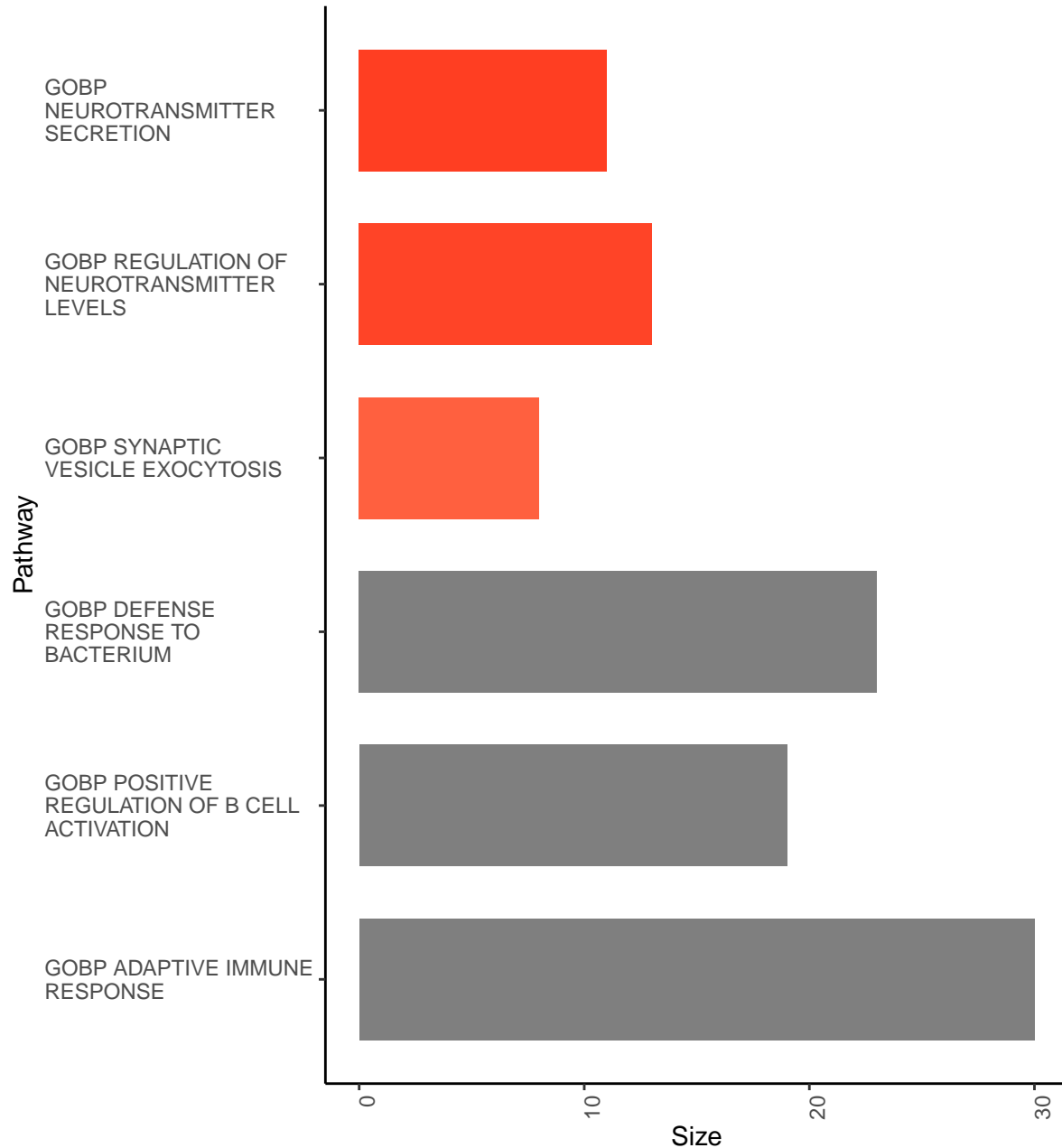
0

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Size



# C5 GO:CC for de gene

Pathway

GOCC PERIKARYON

GOCC PRESYNAPSE

GOCC SYNAPSE

GOCC BLOOD  
MICROPARTICLE

GOCC IMMUNOGLOBULIN  
COMPLEX CIRCULATING

GOCC IMMUNOGLOBULIN  
COMPLEX

0

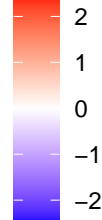
10

Size

30

40

NES



2

1

0

-1

-2

## C5 GO:MF for de gene

Pathway

GOMF CALMODULIN  
BINDING

GOMF GTPASE  
ACTIVATOR ACTIVITY

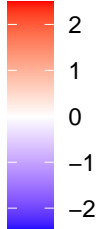
GOMF LIGAND GATED  
ION CHANNEL ACTIVITY

GOMF SIGNALING  
RECEPTOR BINDING

GOMF IMMUNOGLOBULIN  
RECEPTOR BINDING

GOMF ANTIGEN BINDING

NES



0

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Size

# C5 HPO for de gene

Pathway

HP NONCOMPACTION  
CARDIOMYOPATHY

HP LEFT VENTRICULAR  
NONCOMPACTION  
CARDIOMYOPATHY

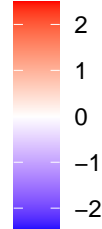
HP ABNORMAL GERM  
CELL MORPHOLOGY

HP ABNORMALITY OF  
THE WRIST

HP ABNORMALITY OF  
THE LYMPH NODES

HP ARTHRITIS

NES



Size

0.0 2.5 5.0 7.5 10.0 12.5

# C6 for de gene

Pathway

CAHOY NEURONAL

HINATA NFKB IMMU INF

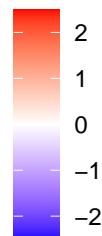
ATF2 UP.V1 DN

RELA DN.V1 DN

GCNP SHH UP LATE.V1  
UP

VEGF A UP.V1 DN

NES

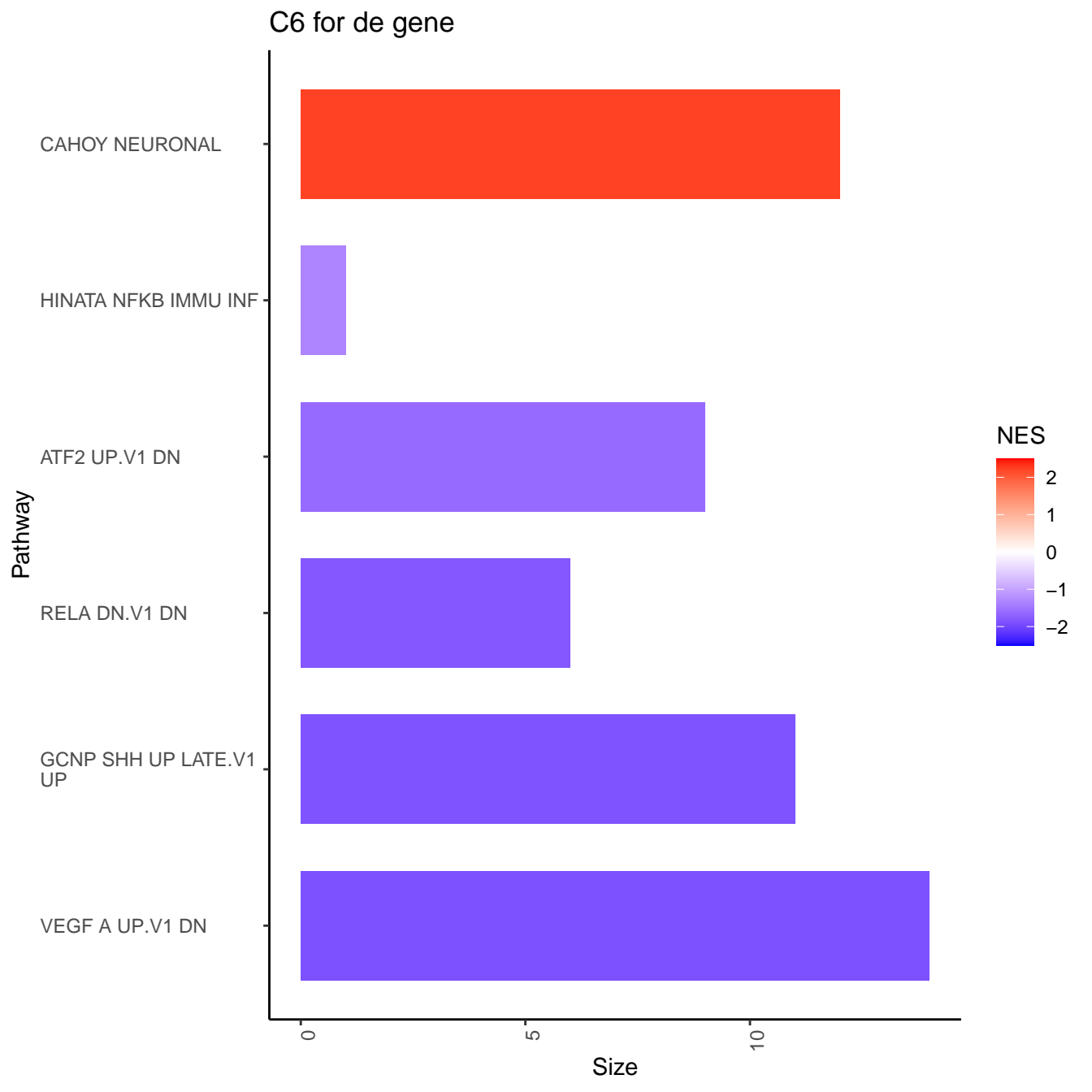


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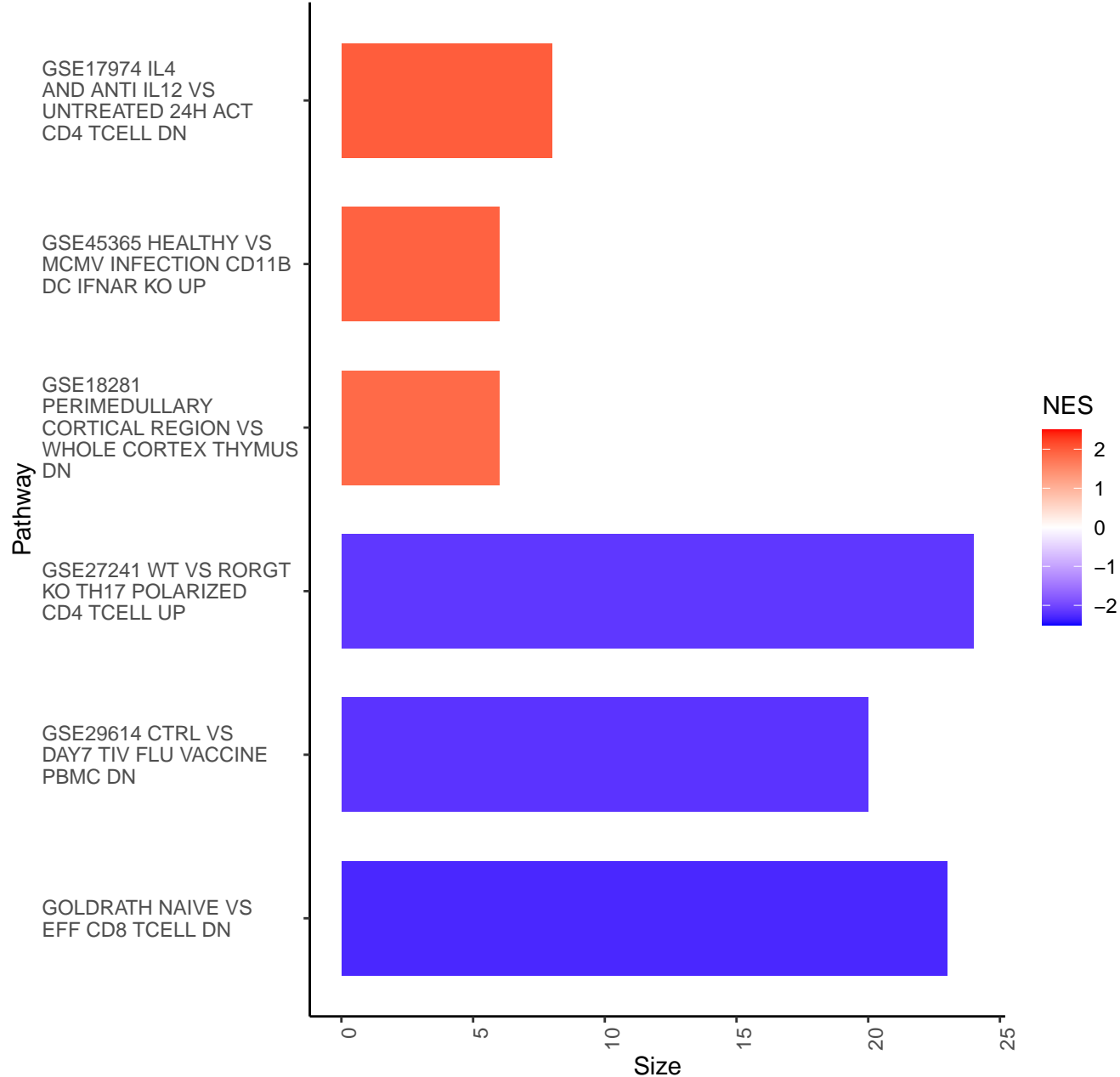
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Size

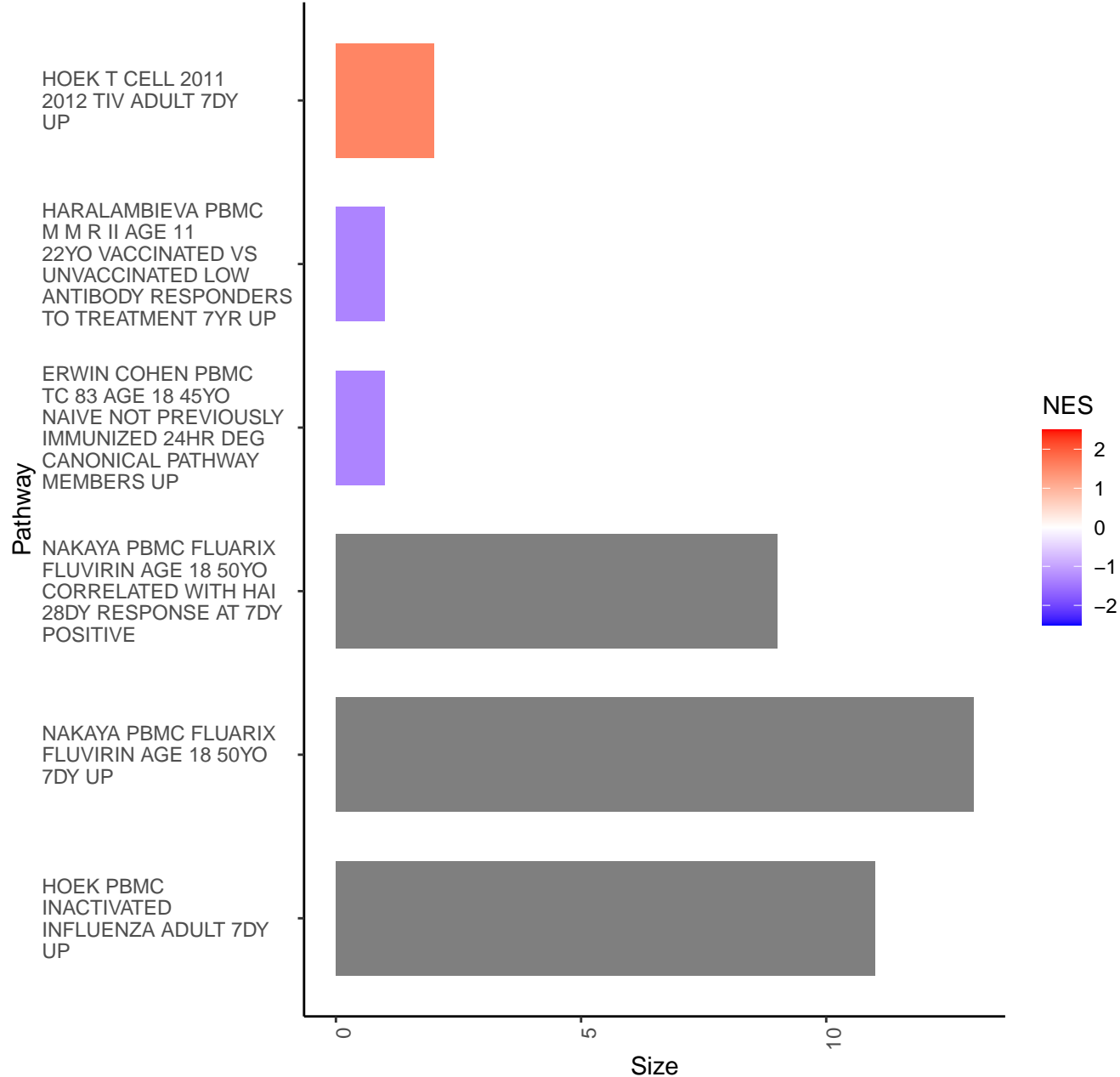


# C7 IMMUNESIGDB for de gene





# C7 VAX for de gene



# C8 for de gene

Pathway

DESCARTES FETAL  
HEART SATB2 LRRC7  
POSITIVE CELLS

DESCARTES  
FETAL KIDNEY  
MEGAKARYOCYTES

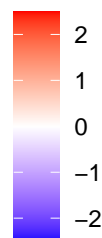
ZHONG PFC C3  
MICROGLIA

DESCARTES MAIN FETAL  
LYMPHOID CELLS

DURANTE ADULT  
OLFACTORY  
NEUROEPITHELIUM  
PLASMA CELLS

HAY BONE MARROW  
PLASMA CELL

NES



0

5

10

15

Size