

H for de gene

Pathway

HALLMARK INTERFERON
GAMMA RESPONSE

HALLMARK ALLOGRAFT
REJECTION

HALLMARK INTERFERON
ALPHA RESPONSE

HALLMARK MITOTIC
SPINDLE

HALLMARK E2F TARGETS

HALLMARK G2M
CHECKPOINT

0

10

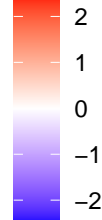
20

30

40

Size

NES



C2 CGP for de gene

Pathway

LEIN OLIGODENDROCYTE
MARKERS

BLANCO MELO COVID19
SARS COV 2 POS
PATIENT LUNG TISSUE
UP

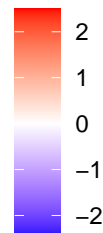
WALLACE PROSTATE
CANCER RACE UP

ROSTY CERVICAL
CANCER PROLIFERATION
CLUSTER

FISCHER DREAM
TARGETS

GOBERT
OLIGODENDROCYTE
DIFFERENTIATION UP

NES



0

50

100

150

Size

C2 CP:BIOCARTA for de gene

Pathway

BIOCARTA NKT PATHWAY

BIOCARTA ERYTH
PATHWAY

BIOCARTA LIS1
PATHWAY

BIOCARTA RANMS
PATHWAY

BIOCARTA MCM PATHWAY

BIOCARTA RB PATHWAY

0

1

2

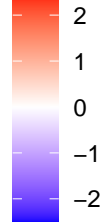
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4

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Size

NES



2

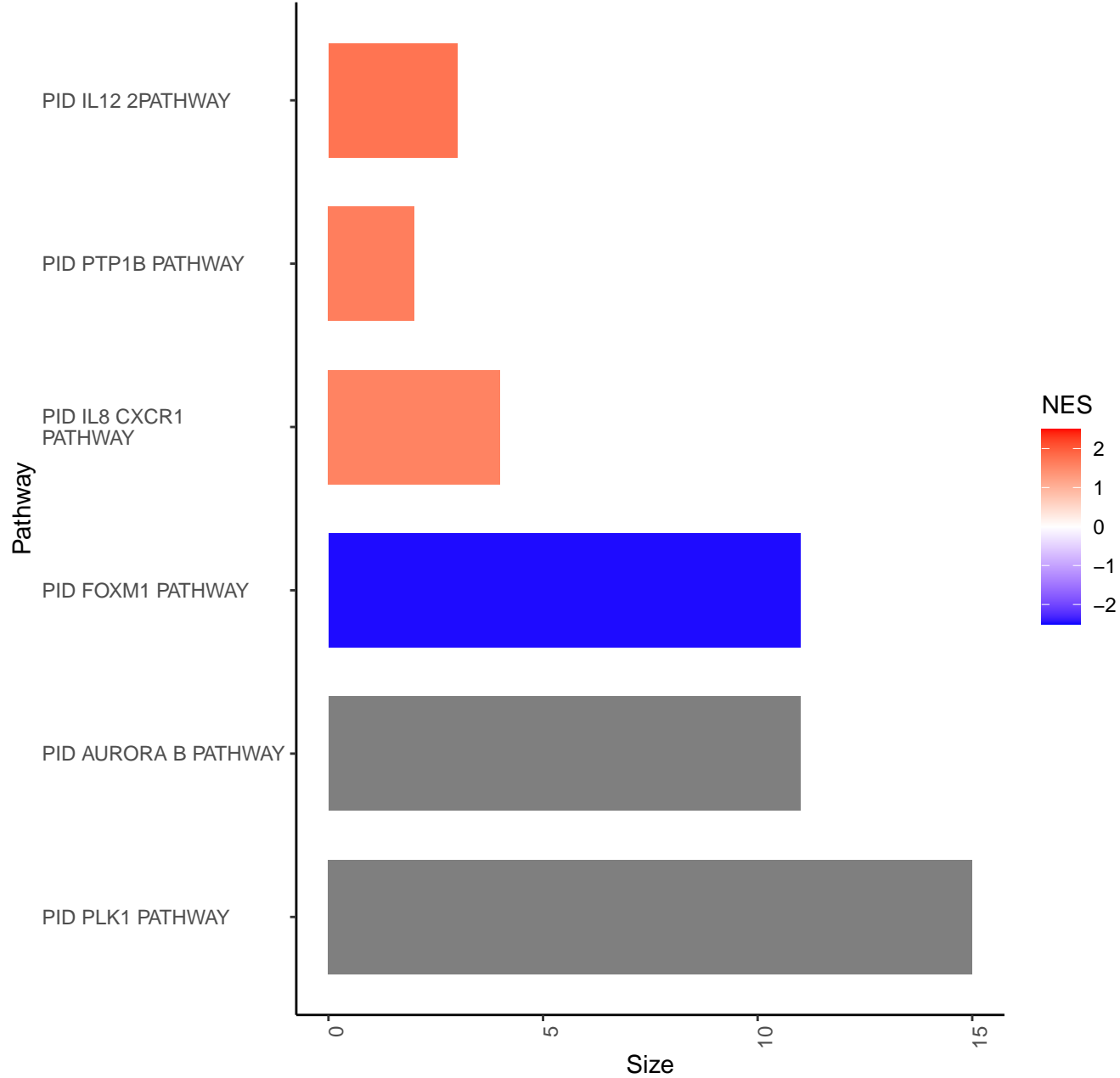
1

0

-1

-2

C2 CP:PID for de gene



C2 CP:REACTOME for de gene

Pathway

REACTOME
IMMUNOREGULATORY
INTERACTIONS BETWEEN
A LYMPHOID AND A NON
LYMPHOID CELL

REACTOME INTERLEUKIN
10 SIGNALING

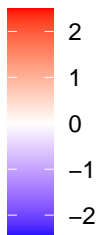
REACTOME INNATE
IMMUNE SYSTEM

REACTOME CELL CYCLE
CHECKPOINTS

REACTOME CELL CYCLE

REACTOME CELL CYCLE
MITOTIC

NES

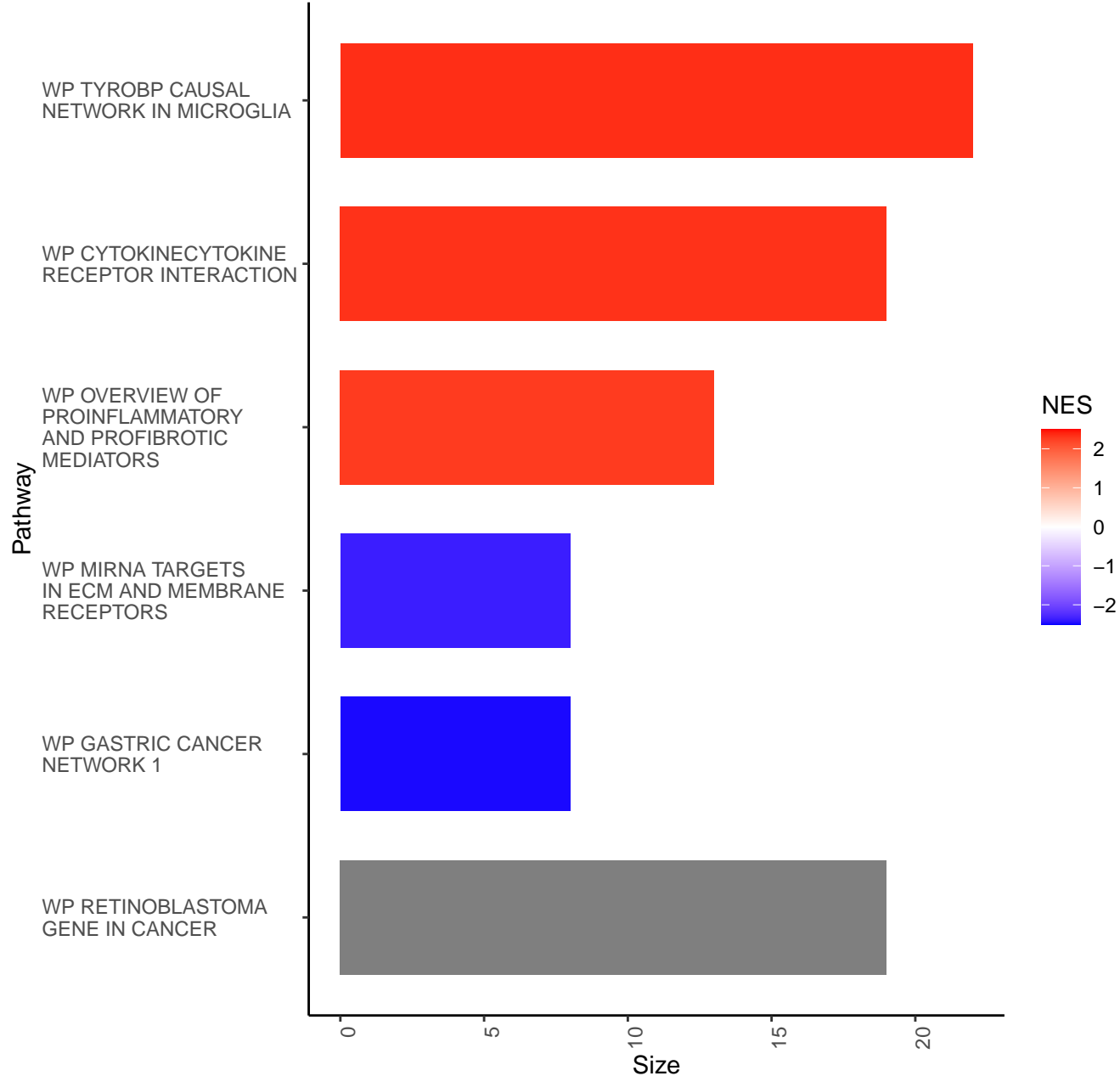


0 20 40 60 80

Size



C2 CP:WIKIPATHWAYS for de gene



C3 MIR:MIRDB for de gene

Pathway

MIR6716 5P

MIR4639 3P

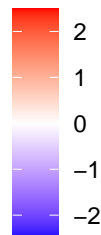
MIR4329

MIR1301 3P MIR5047

MIR188 3P

MIR7162 3P

NES



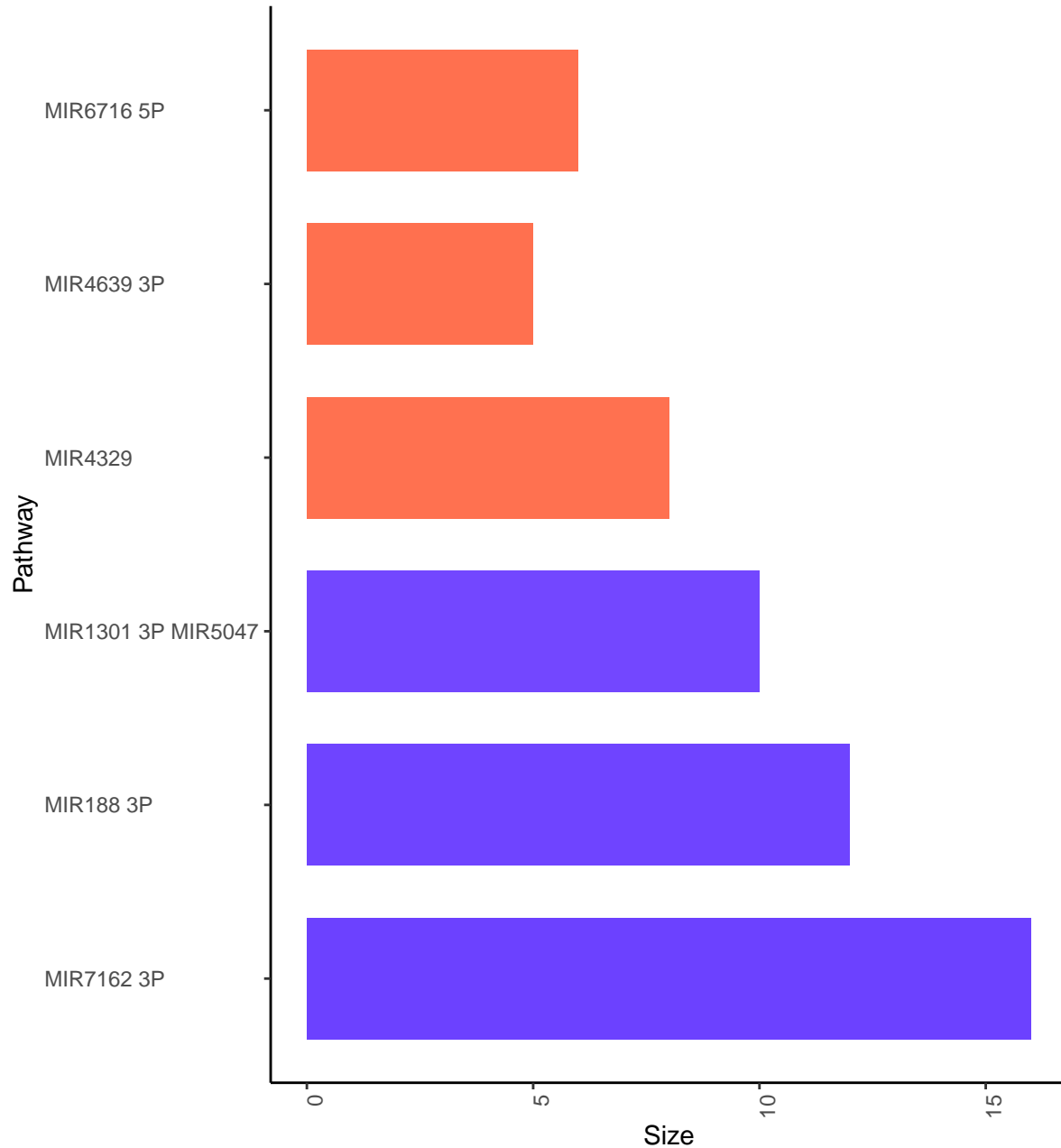
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5

10

15

Size



C3 TFT:GTRD for de gene

Pathway

TFAM TARGET GENES

RPA1 TARGET GENES

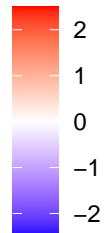
DROSHA TARGET GENES

BARX2 TARGET GENES

BARX1 TARGET GENES

HSD17B8 TARGET GENES

NES



0

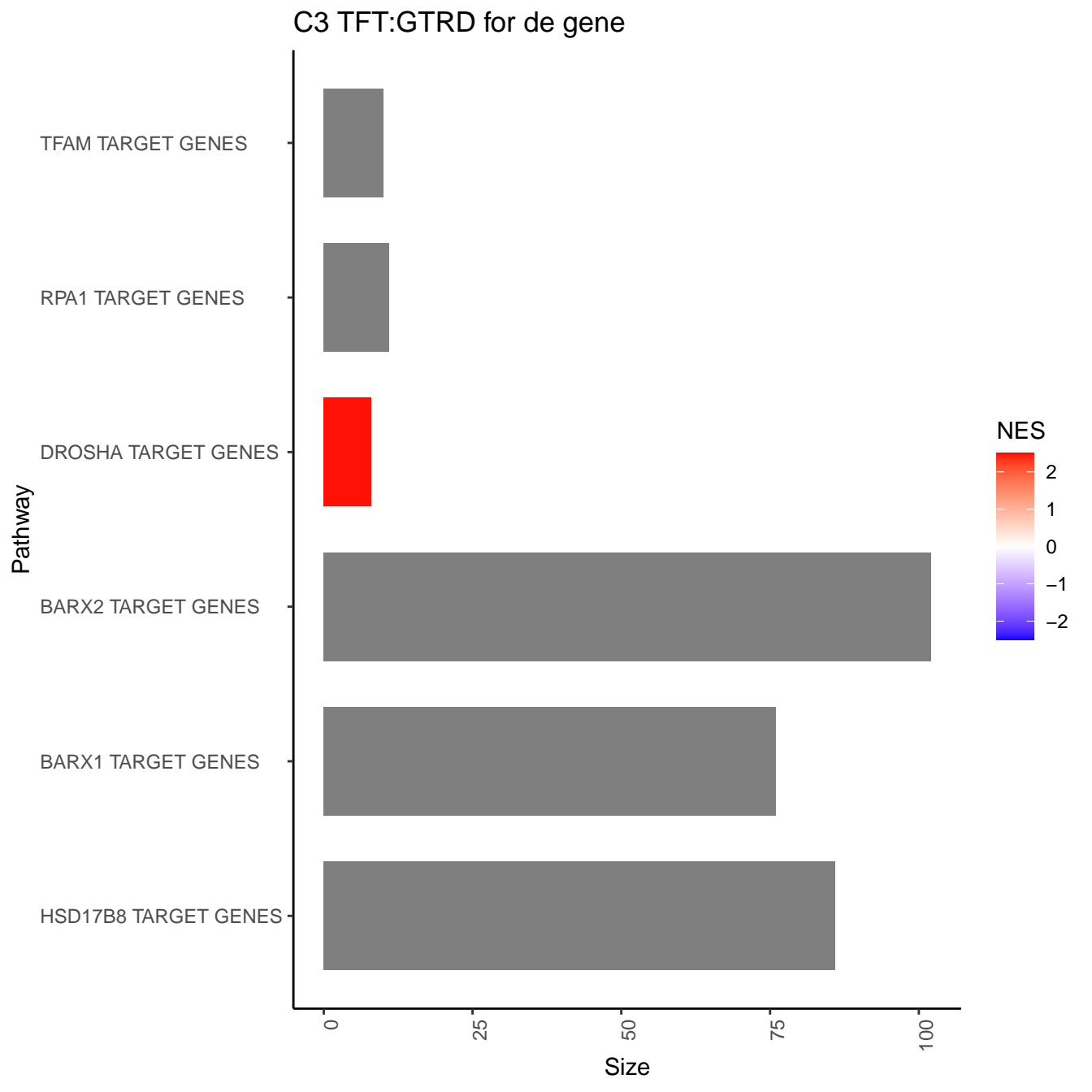
25

50

75

100

Size



C4 CGN for de gene

Pathway

GCM PTK2

GCM MAPK10

GNF2 CASP1

GNF2 CENPF

GNF2 CCNA2

GNF2 CDC2

0

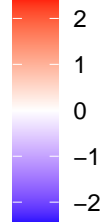
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Size

20

30

NES



C4 CM for de gene

Pathway

MODULE 75

MODULE 46

MODULE 84

MODULE 98

MODULE 198

MODULE 54

0

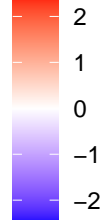
20

Size

60

80

NES



C5 GO:BP for de gene

Pathway

GOBP ENSHEATHMENT OF
NEURONS

GOBP AXON
ENSHEATHMENT IN
CENTRAL NERVOUS
SYSTEM

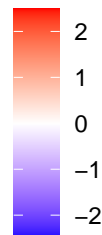
GOBP OLIGODENDROCYTE
DEVELOPMENT

GOBP CHROMOSOME
SEGREGATION

GOBP NUCLEAR
CHROMOSOME
SEGREGATION

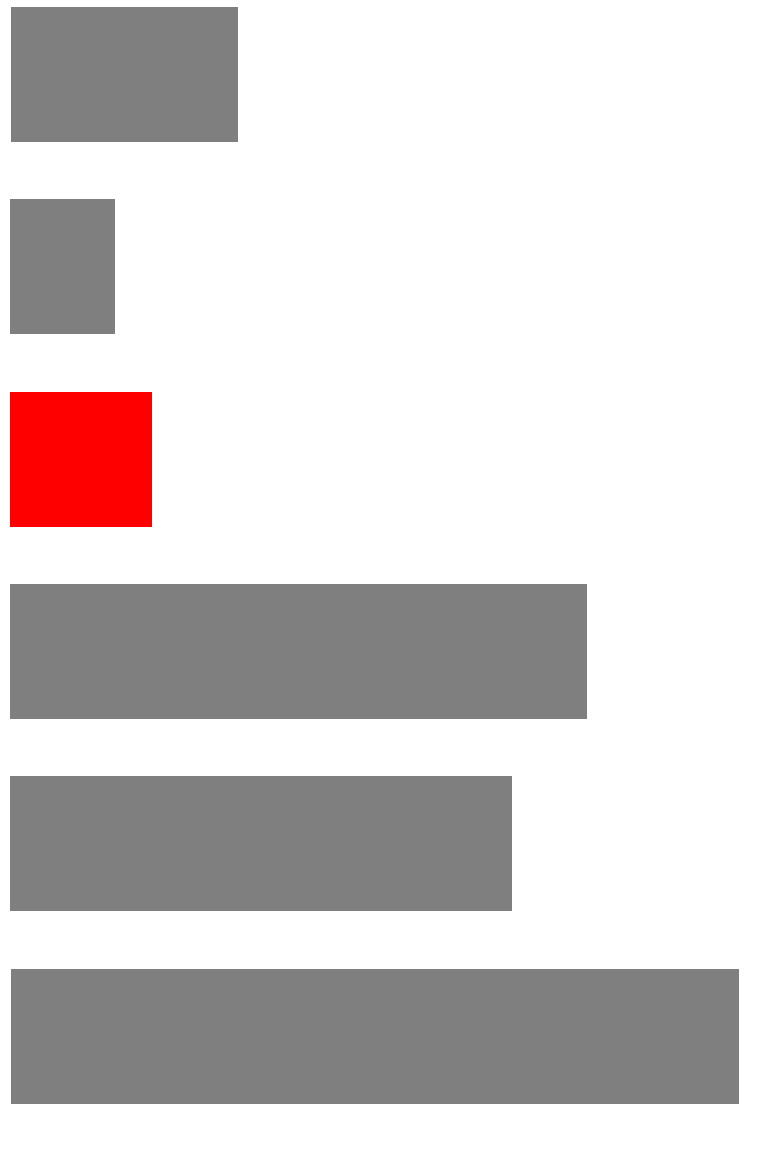
GOBP CHROMOSOME
ORGANIZATION

NES



0 20 40 60 80

Size



C5 GO:CC for de gene

Pathway

GOCC MYELIN SHEATH

GOCC ENDOSOME
MEMBRANE

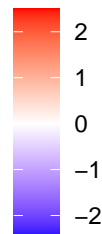
GOCC VESICLE
MEMBRANE

GOCC CHROMOSOME
CENTROMERIC REGION

GOCC CHROMOSOMAL
REGION

GOCC PROTEIN DNA
COMPLEX

NES



0

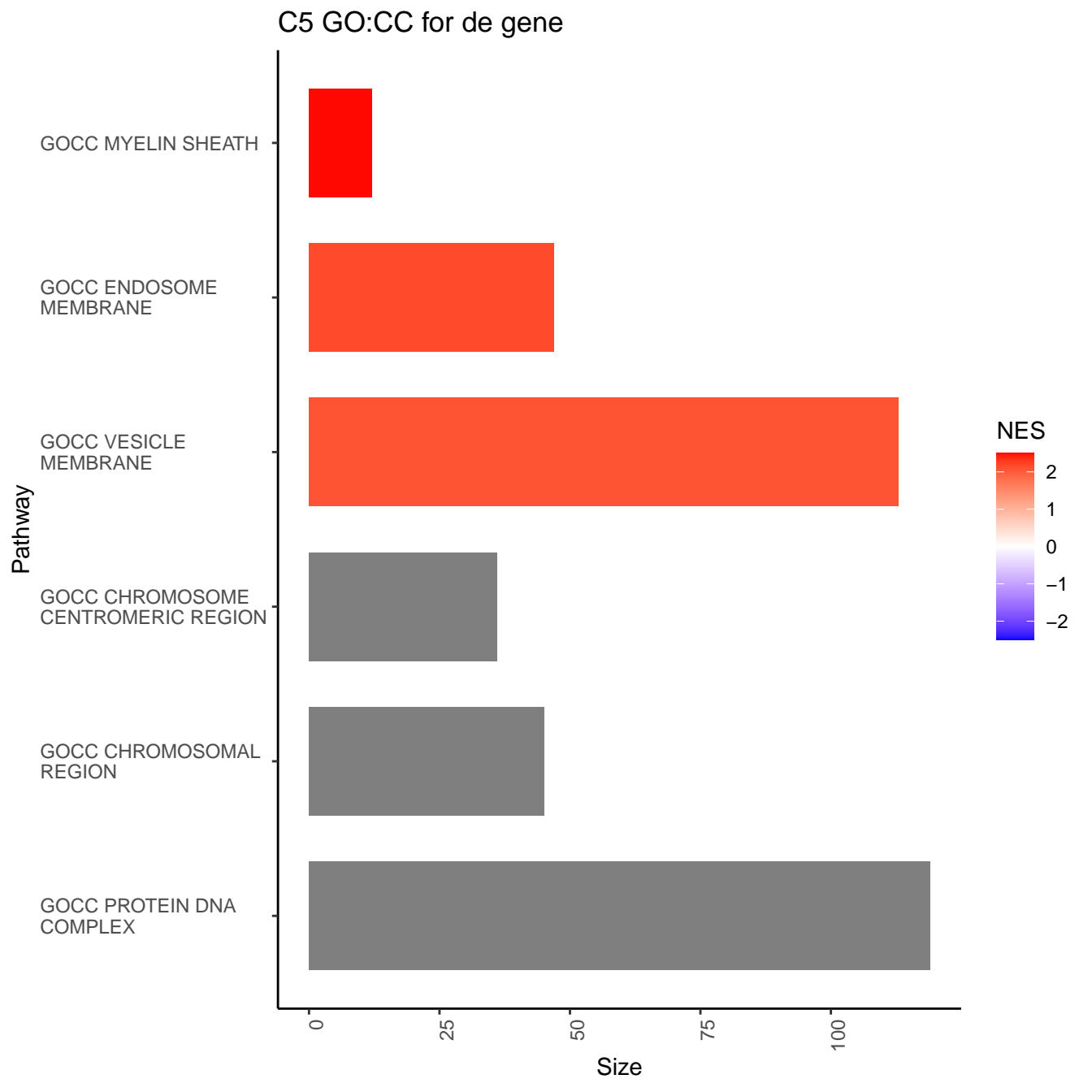
25

50

75

100

Size



C5 GO:MF for de gene

Pathway

GOMF CYTOKINE
ACTIVITY

GOMF PROTON
TRANSMEMBRANE
TRANSPORTER ACTIVITY

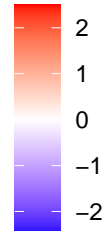
GOMF CHEMOKINE
ACTIVITY

GOMF TRANSCRIPTION
REGULATOR ACTIVITY

GOMF SEQUENCE
SPECIFIC DNA BINDING

GOMF DNA BINDING
TRANSCRIPTION FACTOR
ACTIVITY

NES



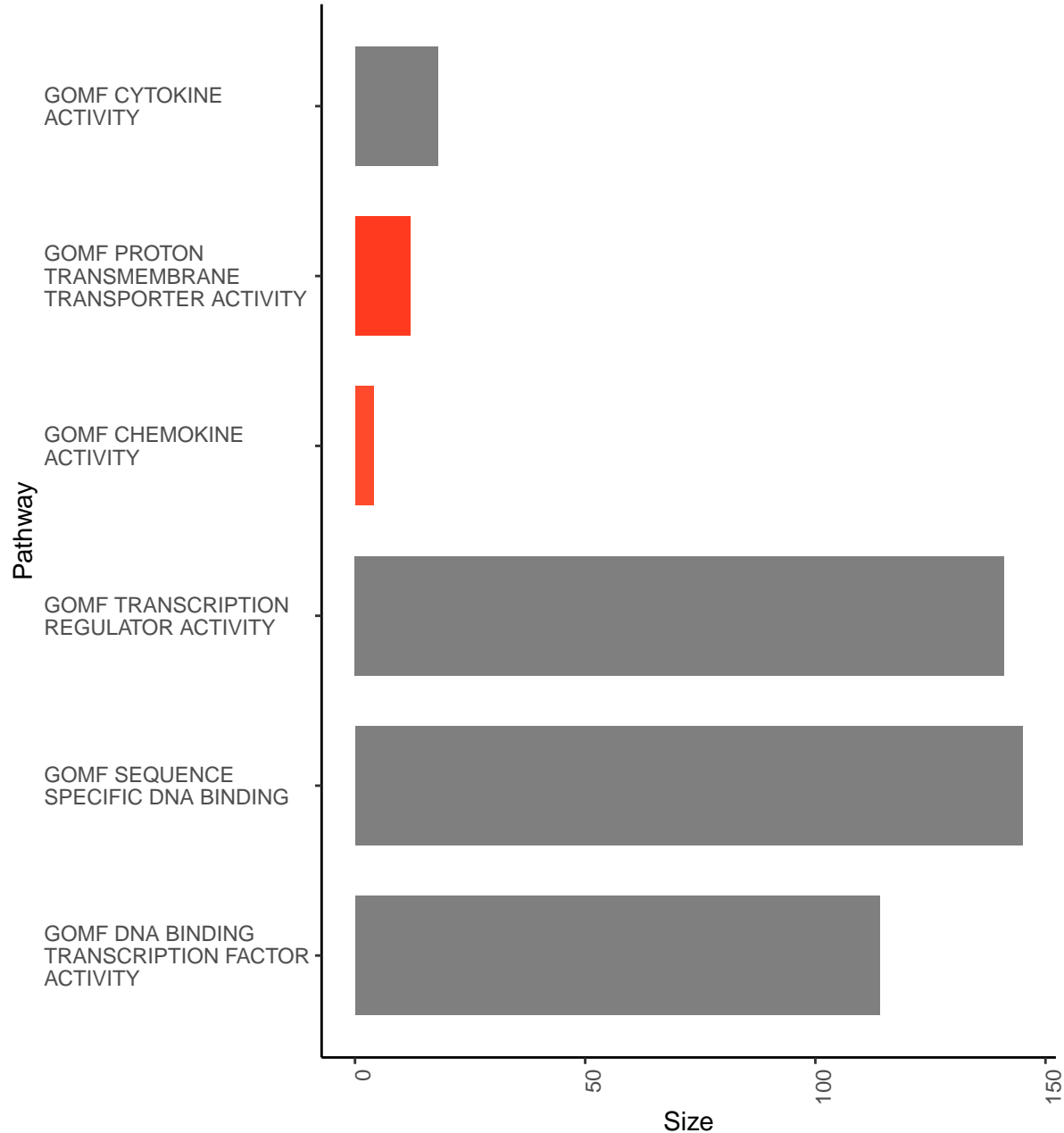
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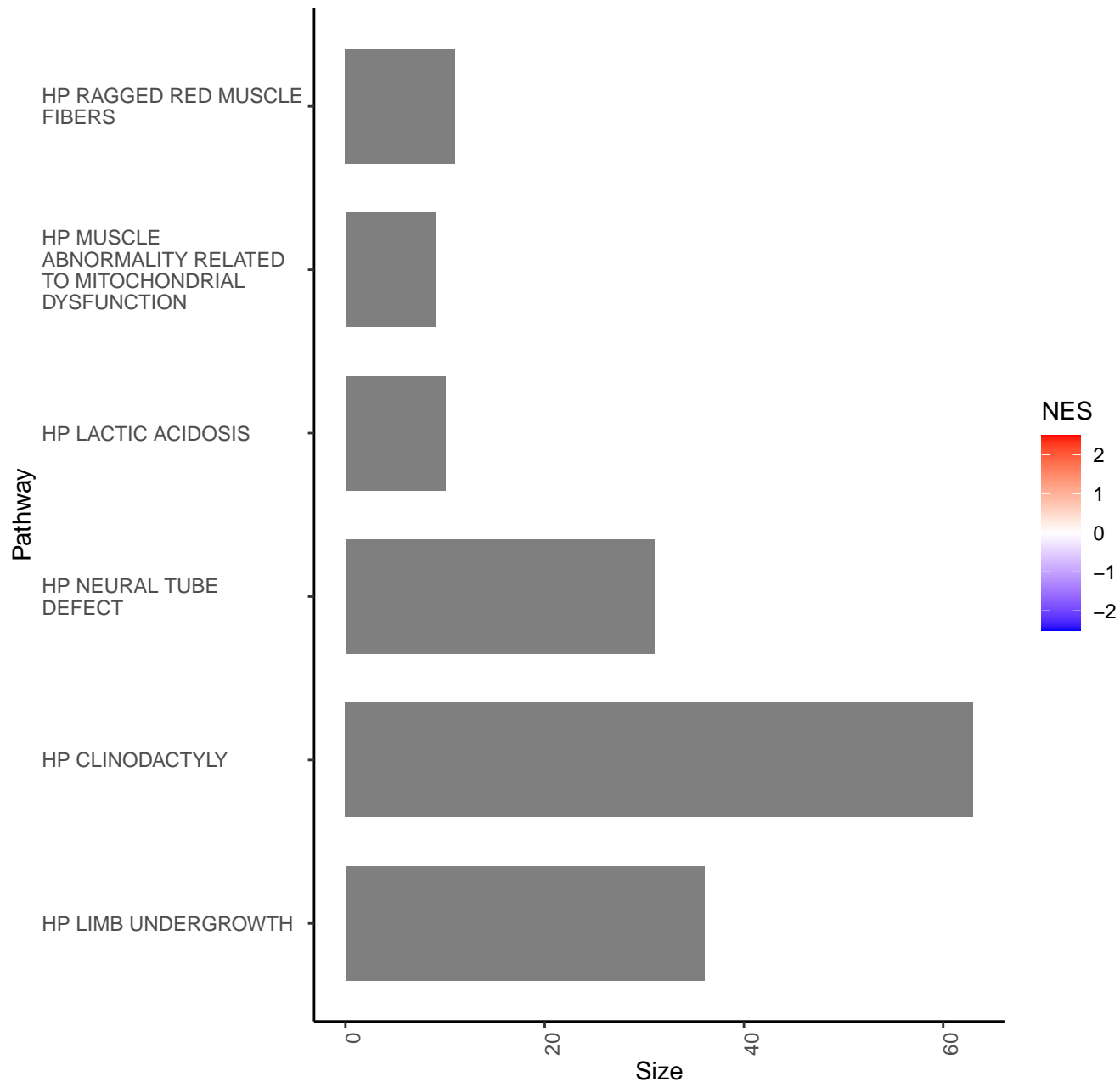
100

150

Size



C5 HPO for de gene



C6 for de gene

Pathway

CYCLIN D1 KE .V1 DN

IL21 UP.V1 UP

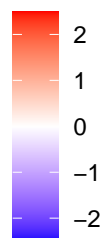
ALK DN.V1 DN

CSR LATE UP.V1 UP

GCNP SHH UP LATE.V1
UP

RPS14 DN.V1 DN

NES



0

10

20

Size

C7 IMMUNESIGDB for de gene

Pathway

GSE3920 UNTREATED
VS IFNA TREATED
ENDOTHELIAL CELL UP

GSE13485 CTRL VS
DAY3 YF17D VACCINE
PBMC DN

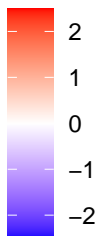
GSE14000 UNSTIM VS
4H LPS DC DN

GSE30962 PRIMARY VS
SECONDARY ACUTE LCMV
INF CD8 TCELL UP

GSE15750 DAY6 VS
DAY10 TRAF6KO EFF
CD8 TCELL UP

GSE15750 DAY6 VS
DAY10 EFF CD8 TCELL
UP

NES



Size

0 10 20 30 40 50

C7 VAX for de gene

Pathway

ZAK PBMC MRKAD5 HIV
1 GAG POL NEF AGE 20
50YO 1DY UP

SCHERER PBMC APSV
WETVAX AGE 18 32YO 5
TO 7DY UP

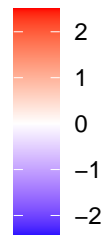
MATSUMIYA PBMC
MODIFIED VACCINIA
ANKARA VACCINE AGE
18 55YO 2DY UP

VAN DEN BIGGELAAR
PBMC PREVNAR 9MO
INFANT STIMULATED VS
UNSTIMULATED 8MO UP

VAN DEN BIGGELAAR
PBMC PREVNAR 9MO
INFANT STIMULATED VS
UNSTIMULATED 9MO UP

HOWARD NK CELL INACT
MONOV INFLUENZA A
INDONESIA 05 2005
H5N1 AGE 18 49YO 3DY
UP

NES



0

50

100

150

Size

C8 for de gene

Pathway

FAN EMBRYONIC CTX
OLIG

DESCARTES FETAL
CEREBELLUM MICROGLIA

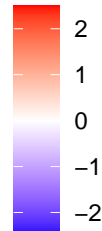
DESCARTES FETAL
CEREBRUM MICROGLIA

HE LIM SUN FETAL
LUNG C4 CYCLING NK
CELL

MANNO MIDBRAIN
NEUROTYPES HPROGFPL

FAN EMBRYONIC CTX
MICROGLIA 1

NES



0

100

200

Size