

Chromosome 1



93.4 mb

93.6 mb

93.8 mb

94 mb

94.2 mb

93.5 mb

93.7 mb

93.9 mb

94.1 mb

94.3 mb

CNVR

901224

9001430

9001175

9002237

900006

log2FC

1.5

1

0.5

0

$-\log_{10} \text{adjP}$

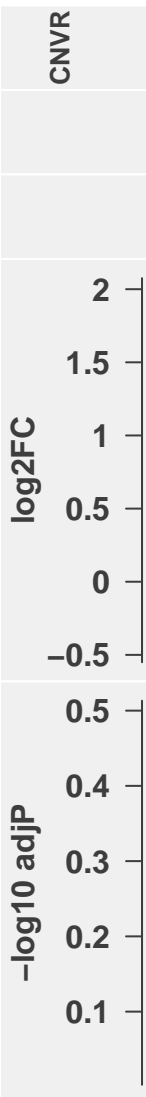
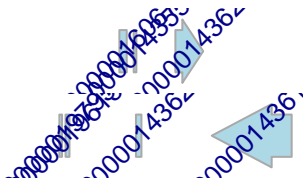
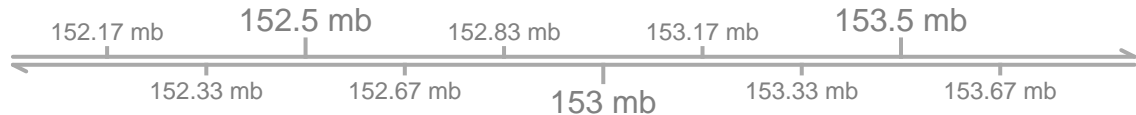
0.5

0.4

0.3

0.2

0.1

















Chromosome 2



65.5 mb

65.7 mb

65.9 mb

66.1 mb

66.3 mb

65.6 mb

65.8 mb

66 mb

66.2 mb

66.4 mb

CNVR



0001380

log2FC

0.5

0

-0.5

-1

$-\log_{10} \text{adjP}$

1

0.5

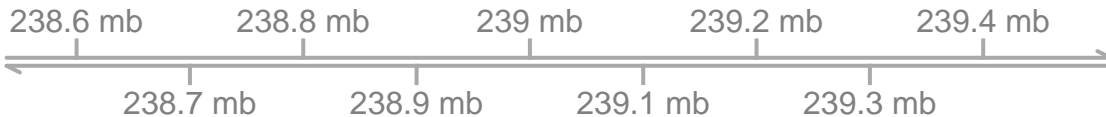
0

-0.5





Chromosome 2



CNVR



log2FC

0.4

0.3

0.2

0.1

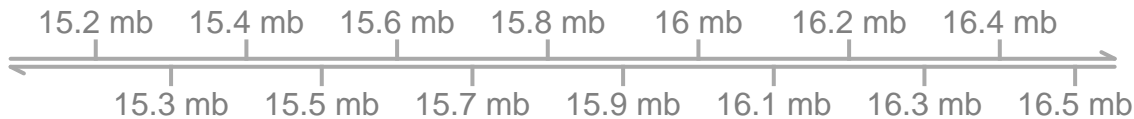
$-\log_{10} \text{adjP}$

0.03

0.02

0.01

Chromosome 3



CNVR



5001315

5002065

5001315

log2FC

0.5

0

-0.5

$-\log_{10} \text{adjP}$

0.1

0.05





Chromosome 3



131.3 mb

131.5 mb

131.7 mb

131.9 mb

131.4 mb

131.6 mb

131.8 mb

132 mb

CNVR



00001146

0.5

0

-0.5

-1

log2FC

1

0.5

0

-0.5

$-\log_{10} \text{adjP}$







Chromosome 4



9.63 mb

9.7 mb

9.77 mb

9.83 mb

9.9 mb

9.97 mb

10.03 mb

10.1 mb

9.67 mb

9.73 mb

9.8 mb

9.87 mb

9.93 mb

10 mb

10.07 mb

CNVR



100000711

0

-0.5

-1

-1.5

1

0.5

0

-0.5

log2FC

-log10 adjP

















Chromosome 5



180.3 mb

180.5 mb

180.7 mb

180.4 mb

180.6 mb

180.8 mb

CNVR



2002785

20002482  
20002046

log2FC

0

-0.5

$-\log_{10} \text{adjP}$

0.3

0.25

0.2

0.15

0.1

0.05





31.83 mb

32.17 mb

32.83 mb

33 mb

32 mb

CNVR

Gene ID	Count
ENSG000002045	1
ENSG000002044	1
ENSG000002043	1
ENSG000002042	1
ENSG000002041	1
ENSG000002040	1
ENSG000002039	1
ENSG000002038	1
ENSG000002037	1
ENSG000002036	1
ENSG000002035	1
ENSG000002034	1
ENSG000002033	1
ENSG000002032	1
ENSG000002031	1

log2FC

**-log<sub>10</sub> adjP**

0

-1

-2

## 0.6

0.4

## 0.2



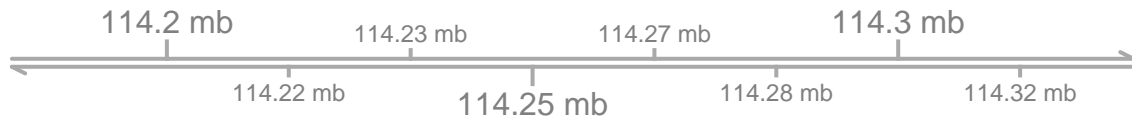








Chromosome 6



CNVR

50002774

log2FC

0.2

0

-0.2

-0.4

-0.6

$-\log_{10} \text{adjP}$

1

0.5

0

-0.5

50001965















Chromosome 8



117.9 mb

118.1 mb

118.3 mb

118.5 mb

118.7 mb

118.8 mb

CNVR



50016472

log2FC

1

0.5

0

-0.5

$-\log_{10} \text{adjP}$

1

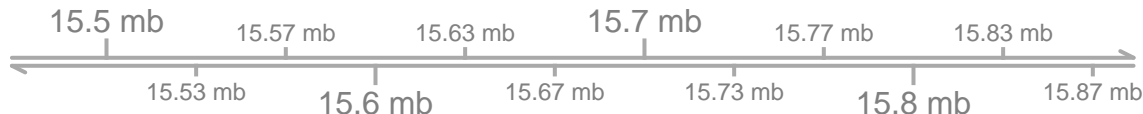
0.5

0

-0.5



Chromosome 9



CNVR

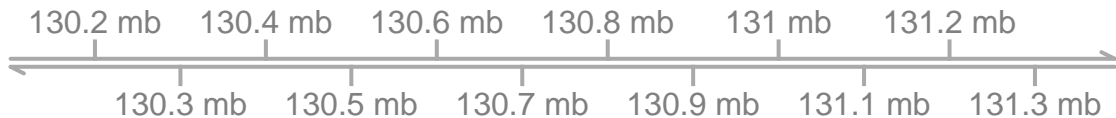


10001649





Chromosome 9



CNVR

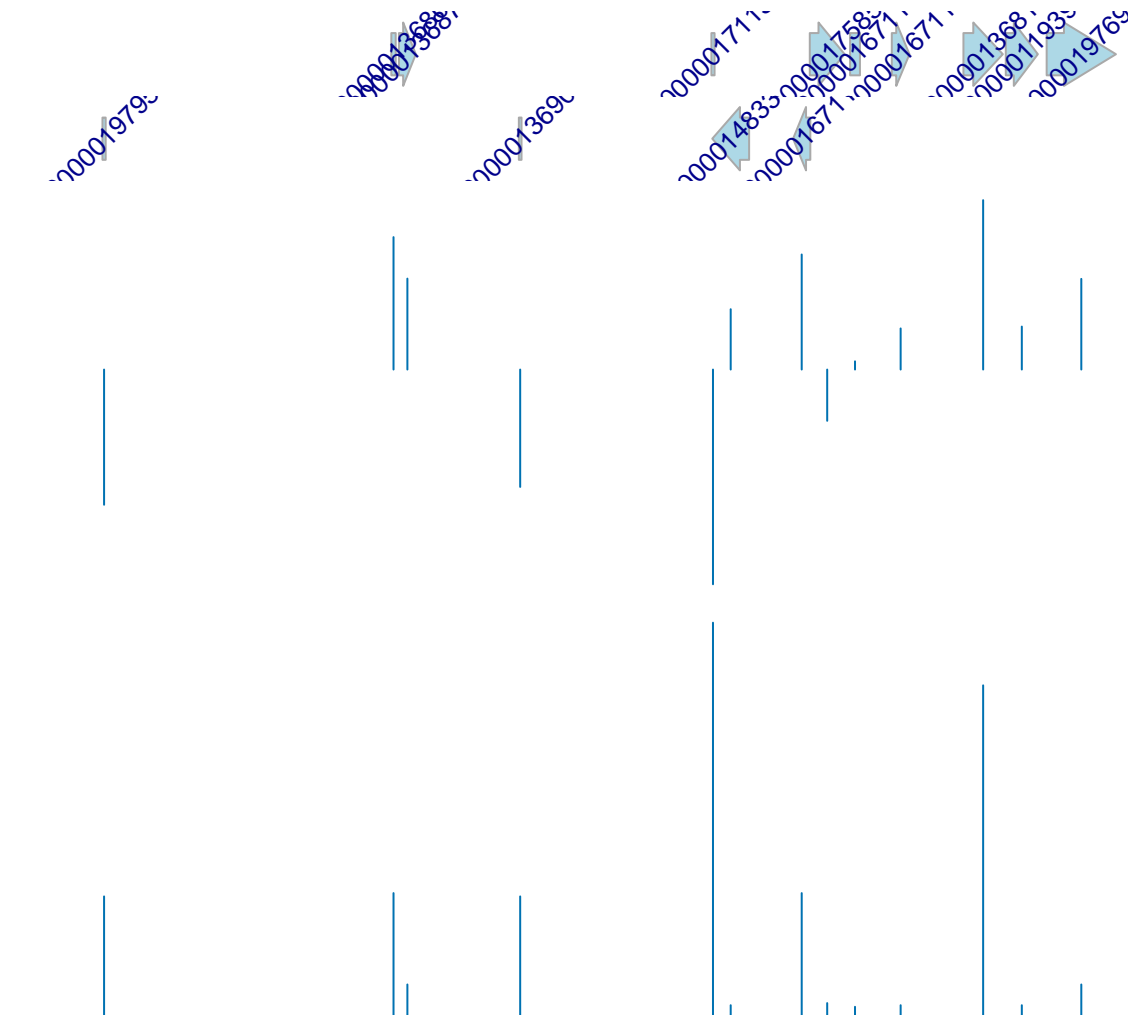


log2FC

0.5  
0  
-0.5

$-\log_{10} \text{adjP}$

0.12  
0.1  
0.08  
0.06  
0.04  
0.02











Chromosome 10



69.4 mb

69.6 mb

69.8 mb

70 mb

69.5 mb

69.7 mb

69.9 mb

CNVR



log2FC

-0.37

-0.38

-0.39

-0.4

-0.41

-0.42

$-\log_{10} \text{adjP}$

0.035

0.03

0.025

0.02

0.015

0.01







Chromosome 11



104 mb

104.2 mb

104.4 mb

104.6 mb

104.8 mb

104.1 mb

104.3 mb

104.5 mb

104.7 mb

104.9 mb

CNVR



log<sub>2</sub>FC

1

0.5

0

-0.5

20001969

20000204

$-\log_{10}$  adjP

0.2

0.15

0.1

0.05









Chromosome 12



48.4 mb 48.6 mb 48.8 mb 49 mb 49.2 mb 49.4 mb 49.6 mb

48.5 mb 48.7 mb 48.9 mb 49.1 mb 49.3 mb 49.5 mb

CNVR



013423

00015255

00017792

00017425

00013428

00015428

00018192

00012340

00016753

00013517

log2FC

1

0.5

0

-0.5

$-\log_{10} \text{adjP}$

0.25

0.2

0.15

0.1

0.05









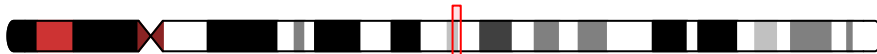








Chromosome 14



54.8 mb

55 mb

55.2 mb

55.4 mb

55.6 mb

54.9 mb

55.1 mb

55.3 mb

55.5 mb

CNVR



10001005

10001681

10001319

100002

-0.3

-0.4

-0.5

-0.6

-0.7

-0.8

log2FC

0.25

0.2

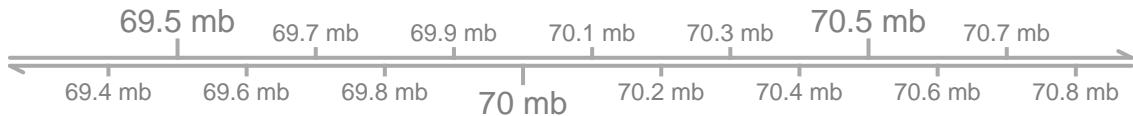
0.15

0.1

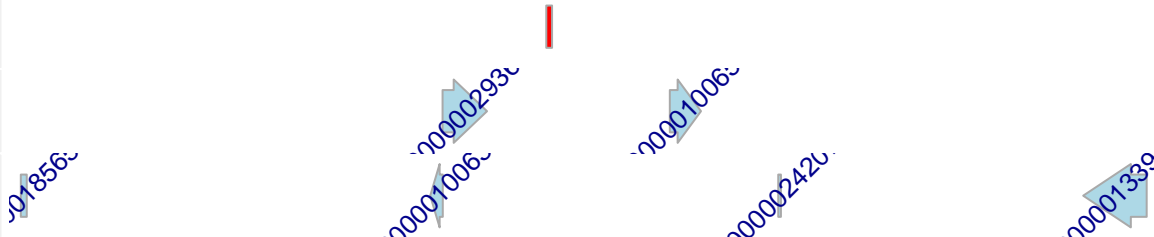
0.05

$-\log_{10} \text{adjP}$

Chromosome 14



CNVR



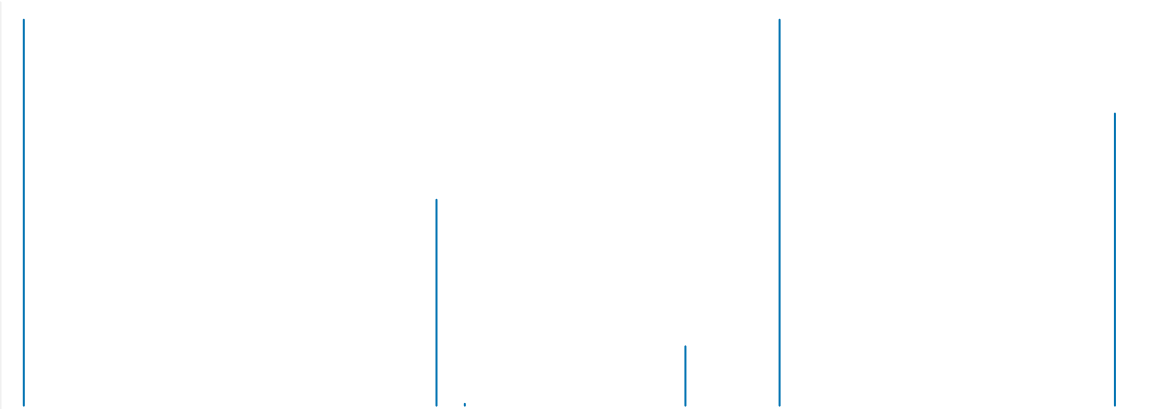
log2FC

1  
0  
-1



$-\log_{10}$  adjP

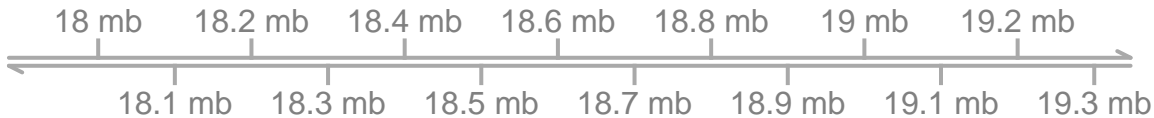
0.6  
0.4  
0.2



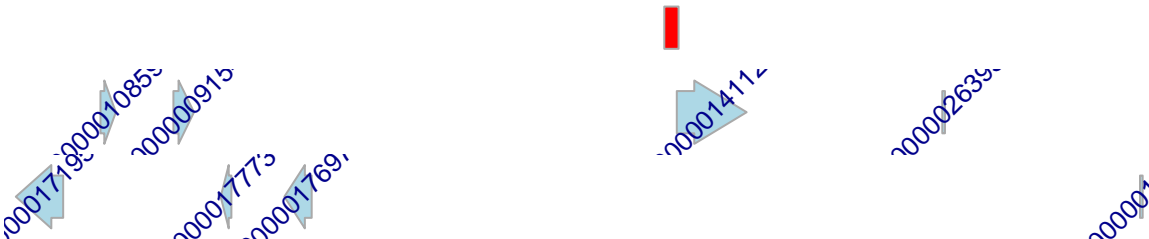




Chromosome 17



CNVR



log2FC

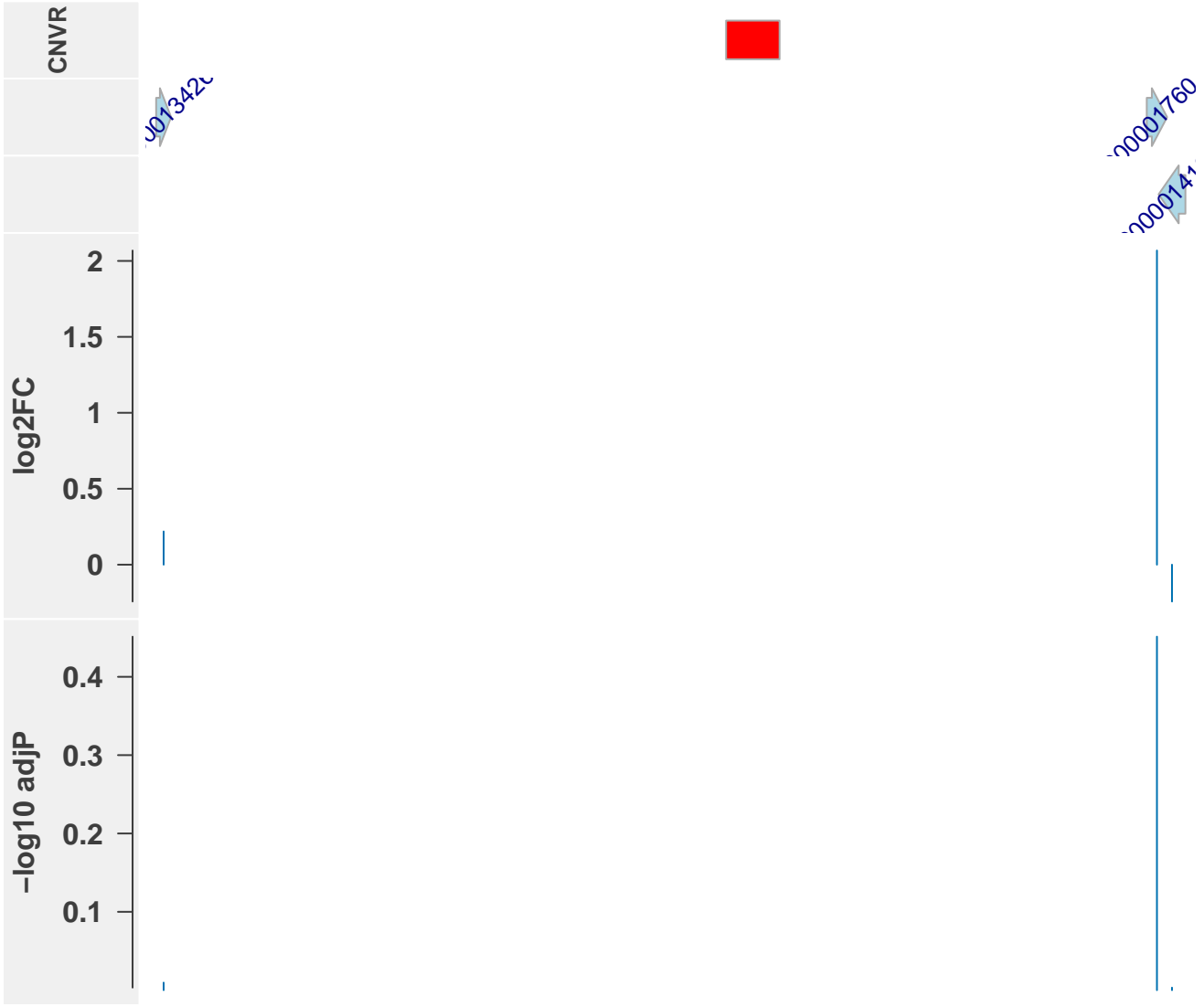
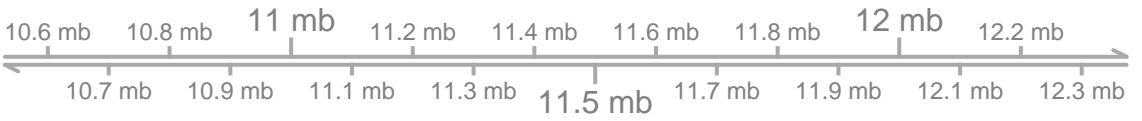
1  
0.5  
0

$-\log_{10} \text{adjP}$

0.5  
0.4  
0.3  
0.2  
0.1

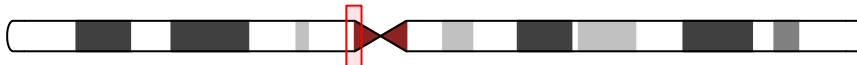


Chromosome 18





Chromosome 20



25.1 mb

25.3 mb

25.5 mb

25.7 mb

25.9 mb



CNVR



10001549

100010095

-0.1

-0.2

-0.3

-0.4

-0.5

log2FC

0.1

0.08

0.06

0.04

0.02

$-\log_{10} \text{adjP}$







