

Gene-level differential effect

1

2

3

4

6

7

8

10

11

12

14

15

18

22

2
1
0
-1
-2

Transcription start site (genomic location Mb)

50 100 150 200

40 80 120 160

50 100 150

100 120 140

96

50 75 100 125

80 100 120

25 50 75 100

137

25 50 75

20 40 60 80

25 50 75

33 66 100

30 40 50 60 70 80

0 20 40

34 36