

$-\log_{10}(\text{P-value})$

20  
15  
10  
5  
0

54.2

54.3

54.4

54.5

54.6

54.7

chr 12 physical position (MB)

CISTR

HOXC13  
HOXC13-AS

HOXC12

HOXC11

HOXC-AS3

MIR196A2

HOXC-AS2

HOXC-AS1

HOXC9

HOXC5

HOXC6

HOXC8

HOXC10

HOXC4

MIR615

LOC100240734

FLJ12825

FLJ12825

FLJ12825

LOC400043

SMUG1

MIR3198-2

CBX5

HNRNPA1P10

HNRNPA1

NFE2

COPZ1

GPR84

LOC102724050

MIR148B