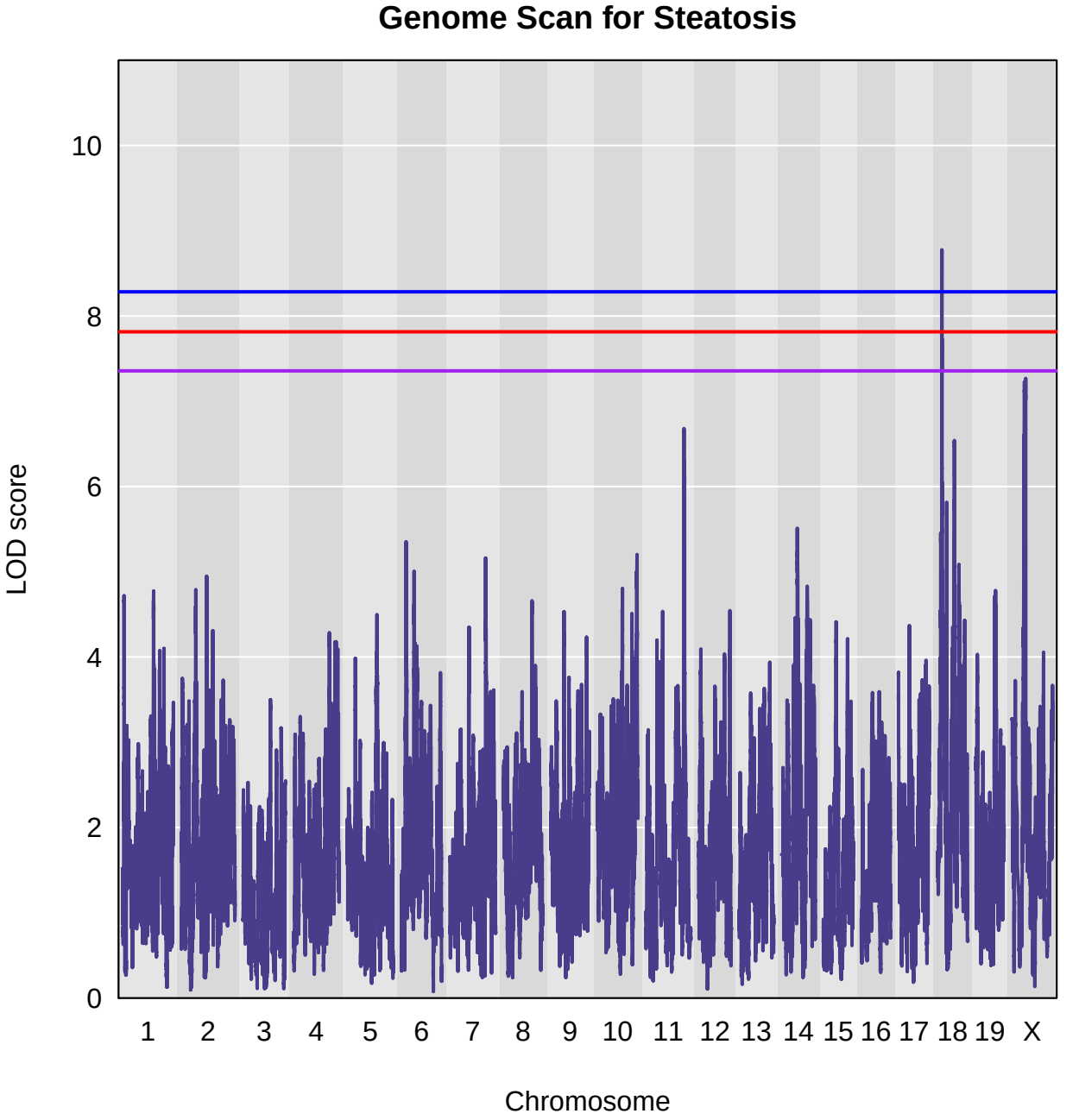
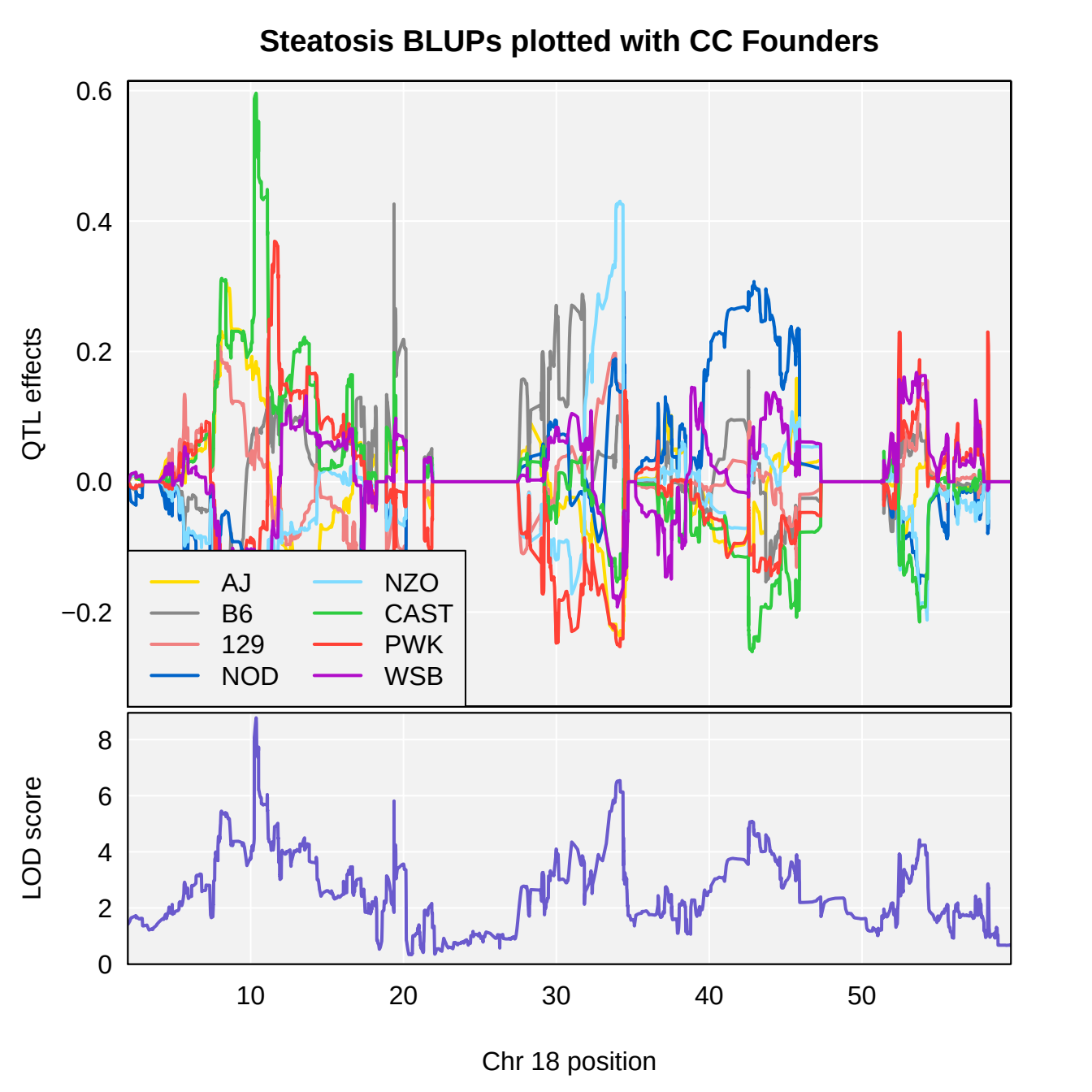
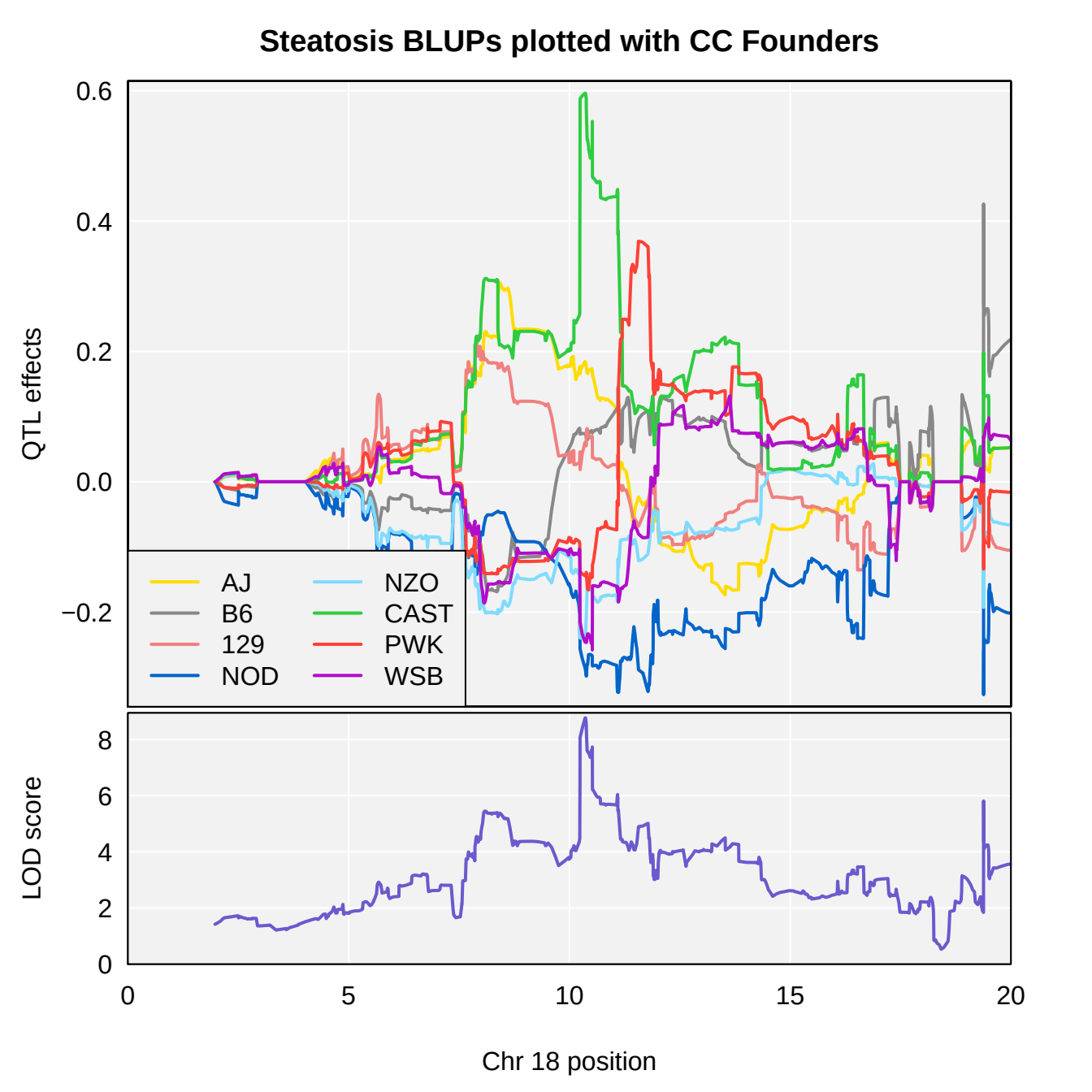
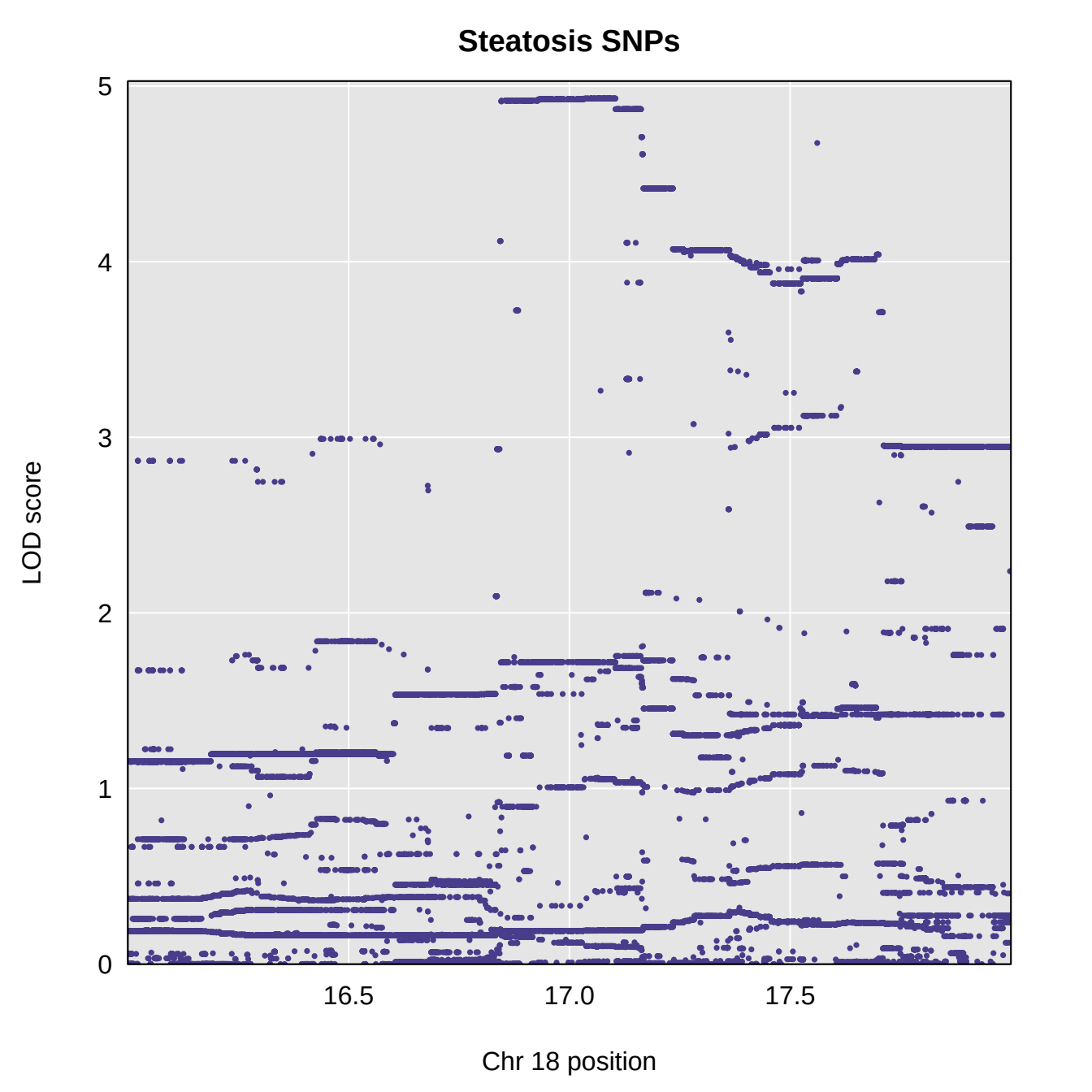
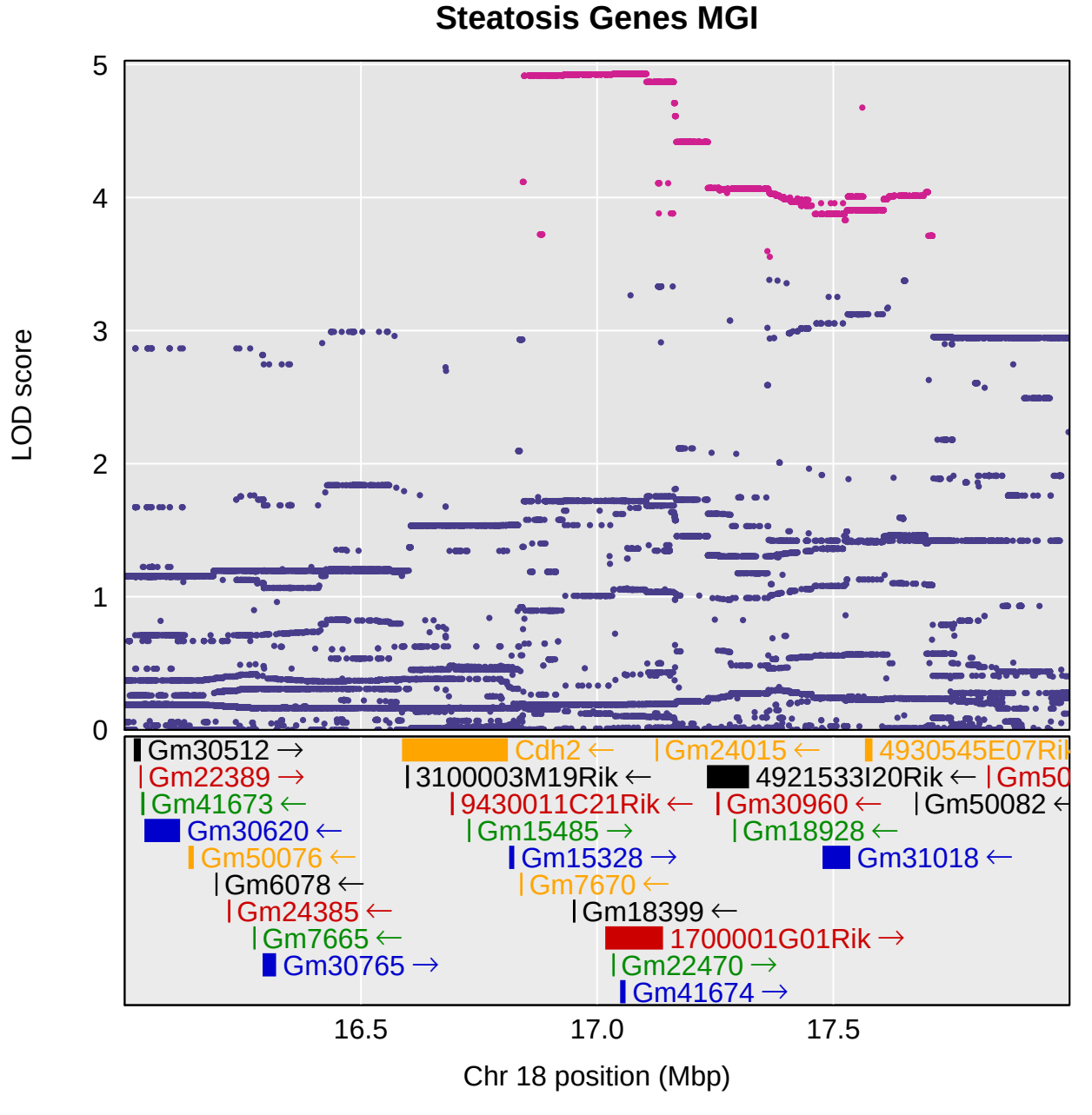

Genome Scan for Steatosis
LOD score
0
2
4
6
8
10
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
X
Chromosome


Steatosis BLUPs plotted with CC Founders
QTL effects
0.6
0.4
0.2
0.0
−0.2
AJ
B6
129
NOD
NZO
CAST
PWK
WSB
LOD score
8
6
4
2
0
10
20
30
40
50
Chr 18 position


Steatosis BLUPs plotted with CC Founders
QTL effects
0.6
0.4
0.2
0.0
−0.2
AJ
B6
129
NOD
NZO
CAST
PWK
WSB
LOD score
8
6
4
2
0
0
5
10
15
20
Chr 18 position


Steatosis SNPs
LOD score
5
4
3
2
1
0
16.5
17.0
17.5
Chr 18 position


Steatosis Genes MGI
LOD score
5
4
3
2
1
0
Gm30512 →
Cdh2 ←
Gm24015 ←
4930545E07Rik
Gm22389 →
3100003M19Rik ←
4921533I20Rik ←
Gm50
Gm41673 ←
9430011C21Rik ←
Gm30960 ←
Gm50082 ←
Gm30620 ←
Gm15485 →
Gm18928 ←
Gm50076 ←
Gm15328 →
Gm31018 ←
Gm6078 ←
Gm7670 ←
Gm24385 ←
Gm18399 ←
Gm7665 ←
1700001G01Rik →
Gm30765 →
Gm22470 →
Gm41674 →
16.5
17.0
17.5
Chr 18 position (Mbp)