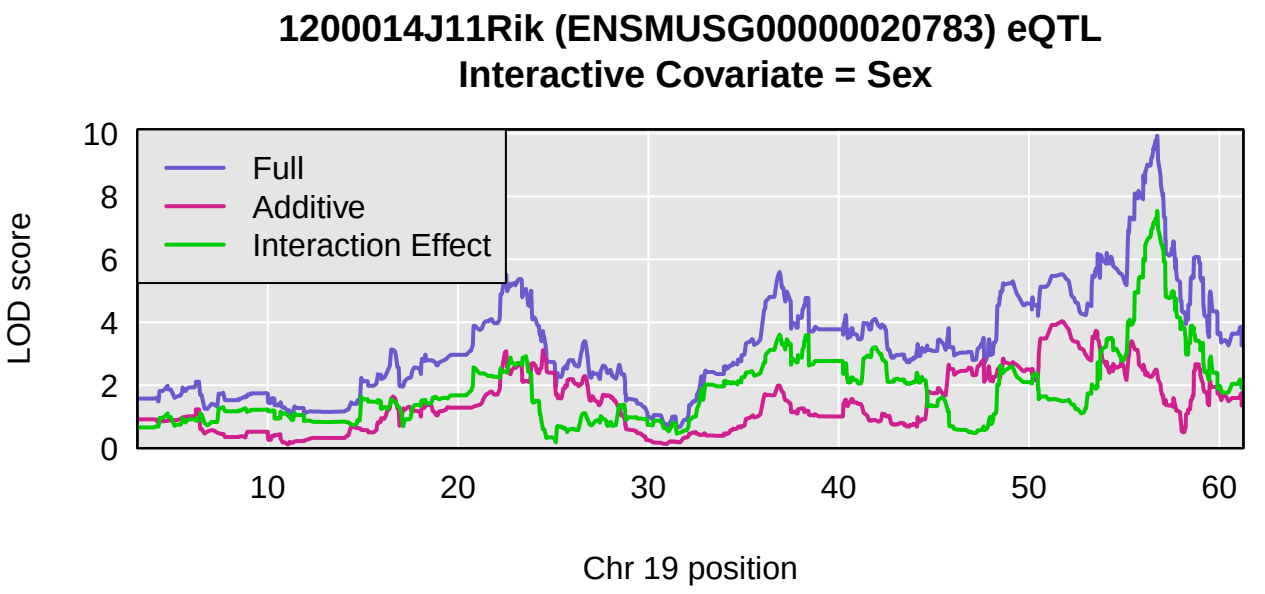
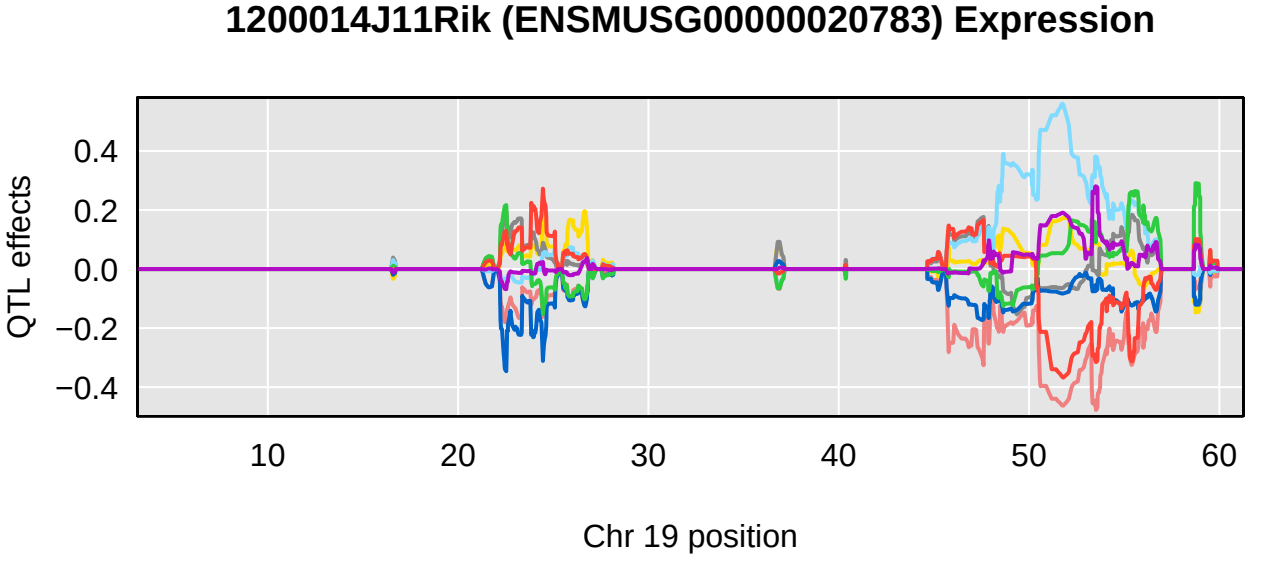
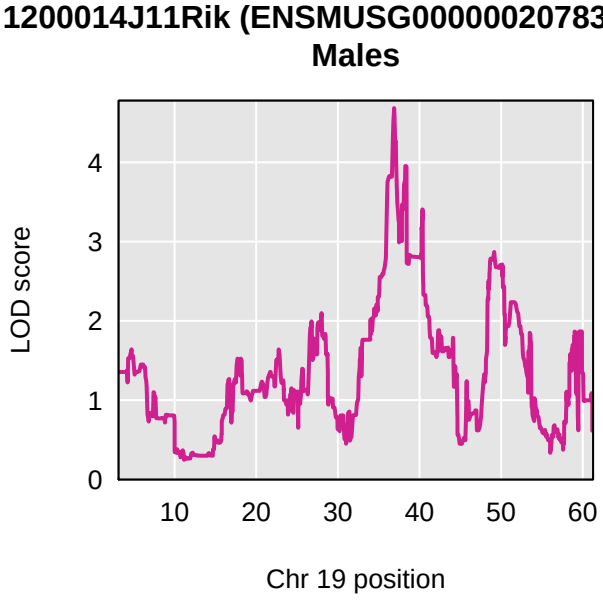
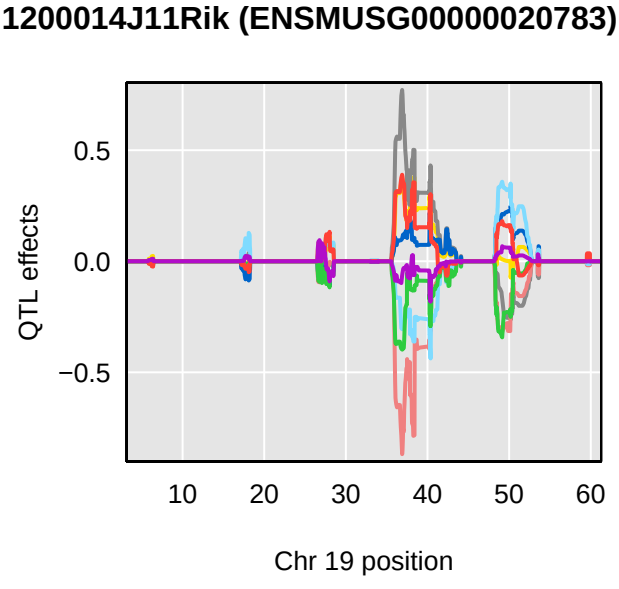
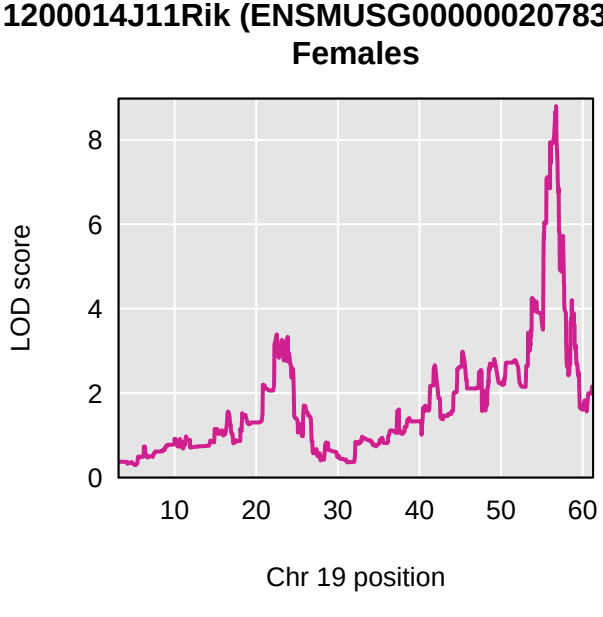
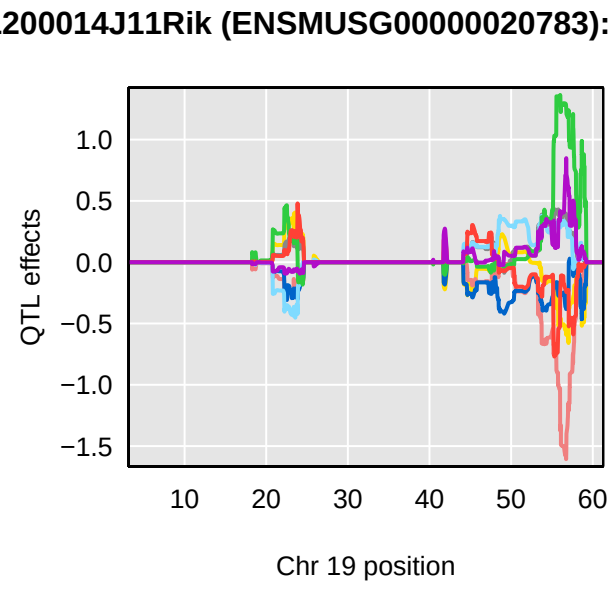

1200014J11Rik (ENSMUSG00000020783) eQTL
Interactive Covariate = Sex
LOD score
10
8
6
4
2
0
Full
Additive
Interaction Effect
10
20
30
40
50
60
Chr 19 position


1200014J11Rik (ENSMUSG00000020783) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
10
20
30
40
50
60
Chr 19 position

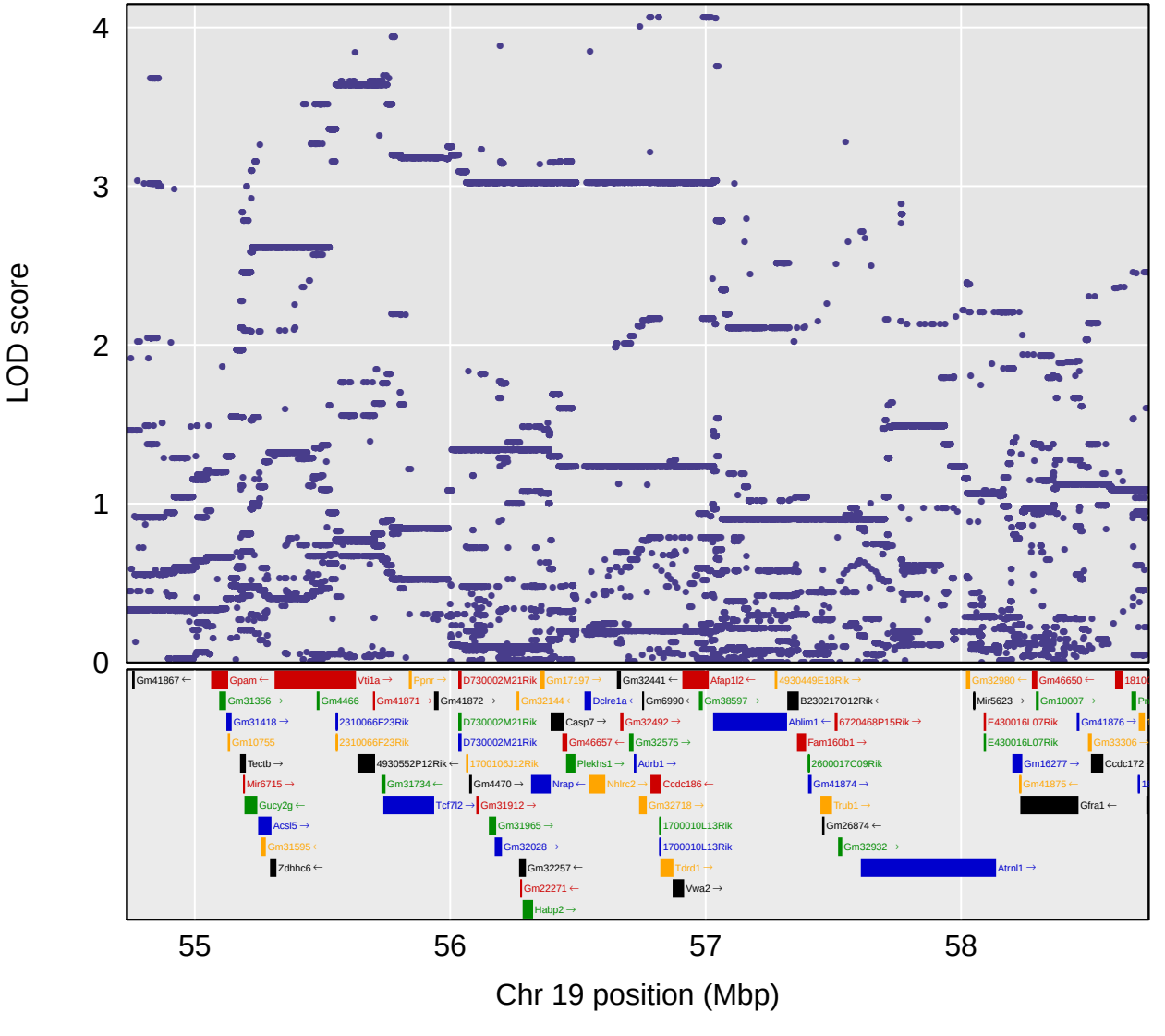

1200014J11Rik (ENSMUSG00000020783) eQ
Males
LOD score
0
1
2
3
4
10
20
30
40
50
60
Chr 19 position

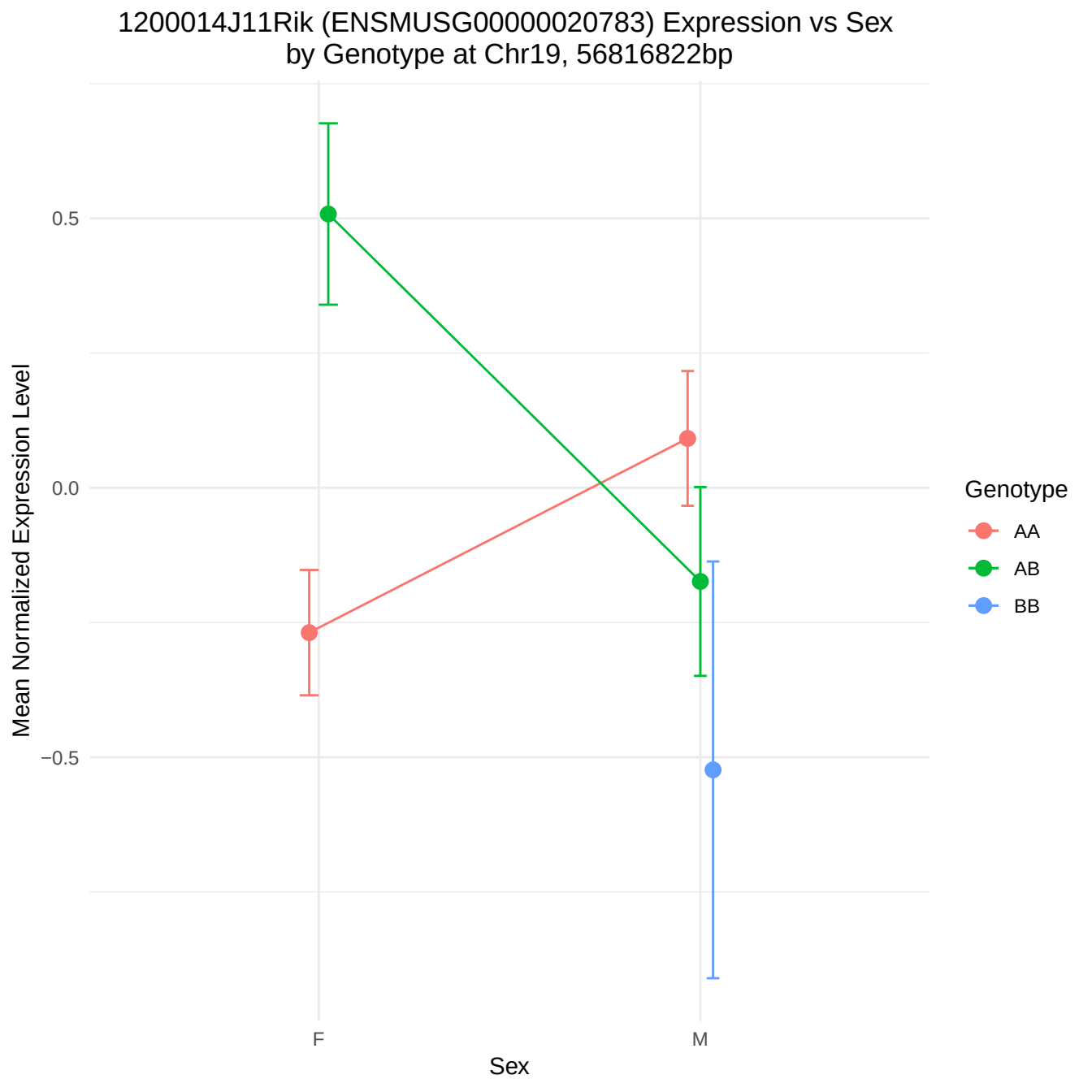

1200014J11Rik (ENSMUSG00000020783): Ma
QTL effects
−0.5
0.0
0.5
10
20
30
40
50
60
Chr 19 position


1200014J11Rik (ENSMUSG00000020783) eQ
Females
LOD score
0
2
4
6
8
10
20
30
40
50
60
Chr 19 position


200014J11Rik (ENSMUSG00000020783): Fem
QTL effects
−1.5
−1.0
−0.5
0.0
0.5
1.0
10
20
30
40
50
60
Chr 19 position

1200014J11Rik (ENSMUSG00000020783) Expression
Interactive Covariate = Sex




1200014J11Rik (ENSMUSG00000020783) Expression vs Sex
by Genotype at Chr19, 56816822bp
Mean Normalized Expression Level
0.5
0.0
−0.5
F
M
Sex
Genotype
AA
AB
BB