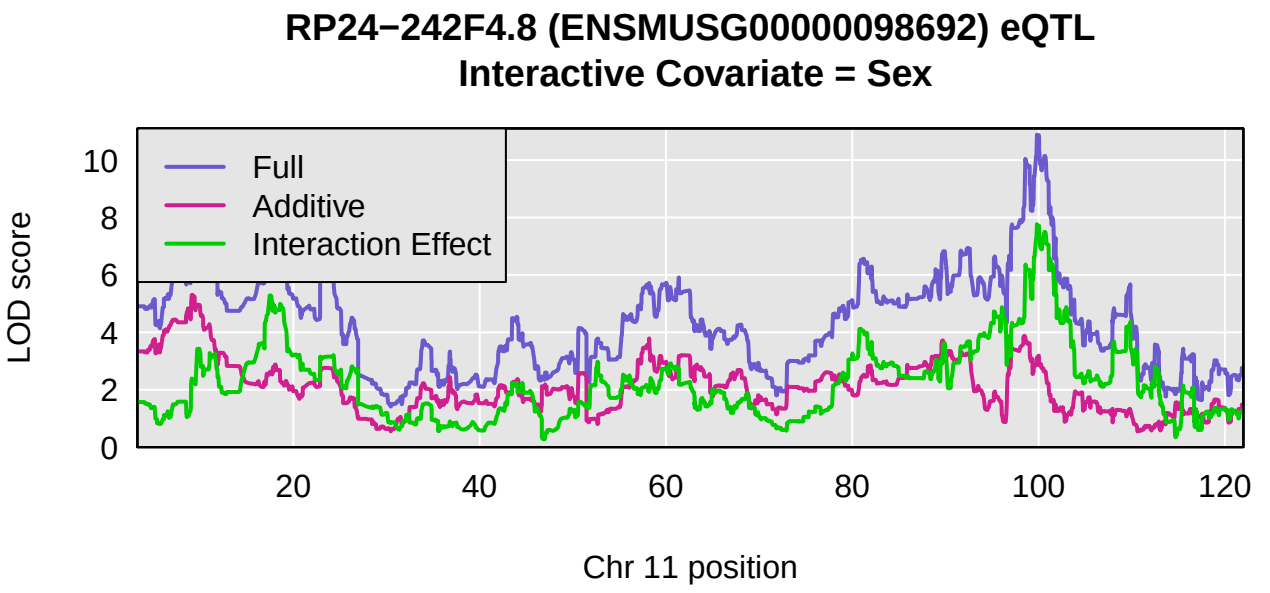
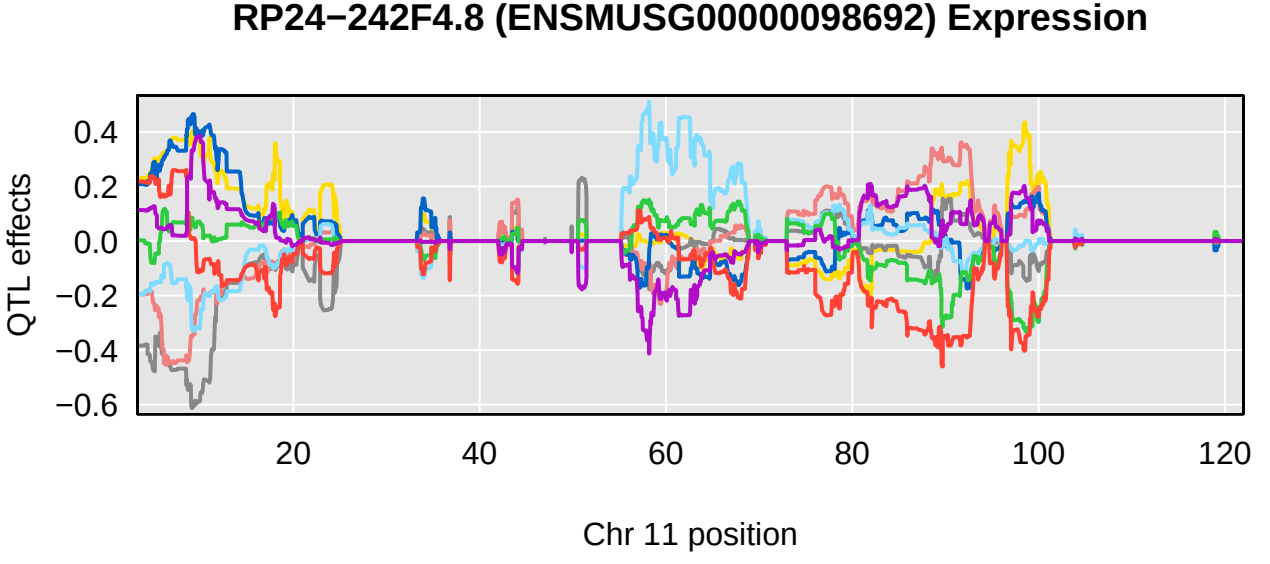
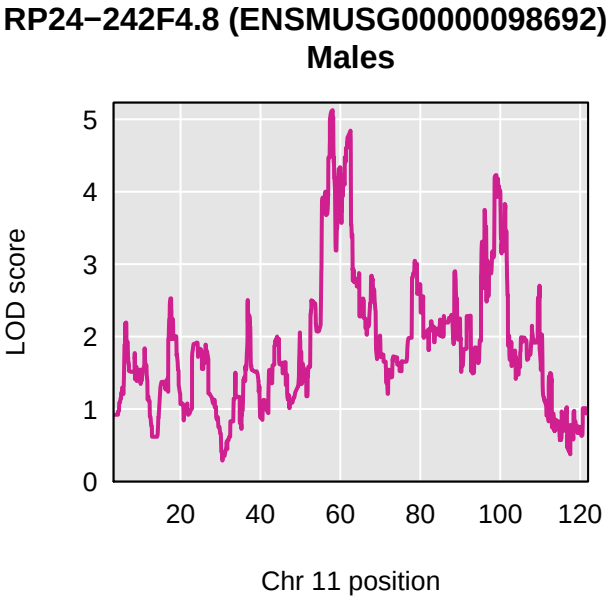
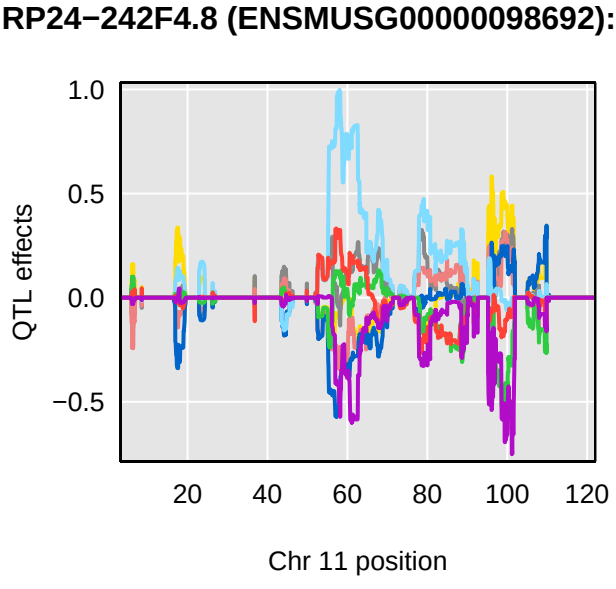
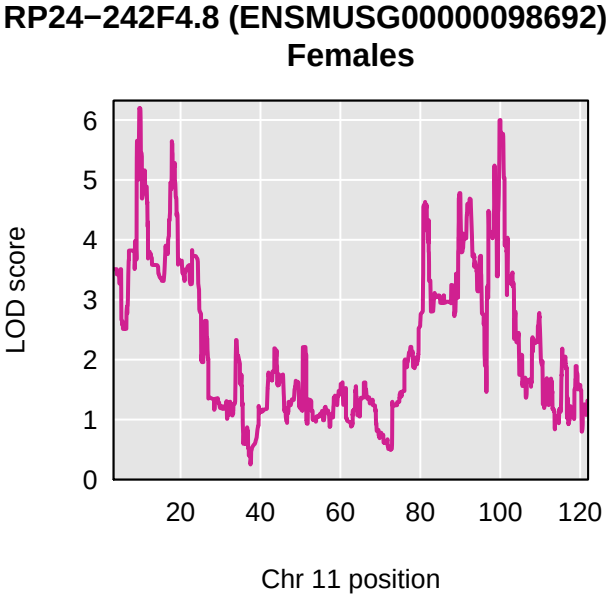
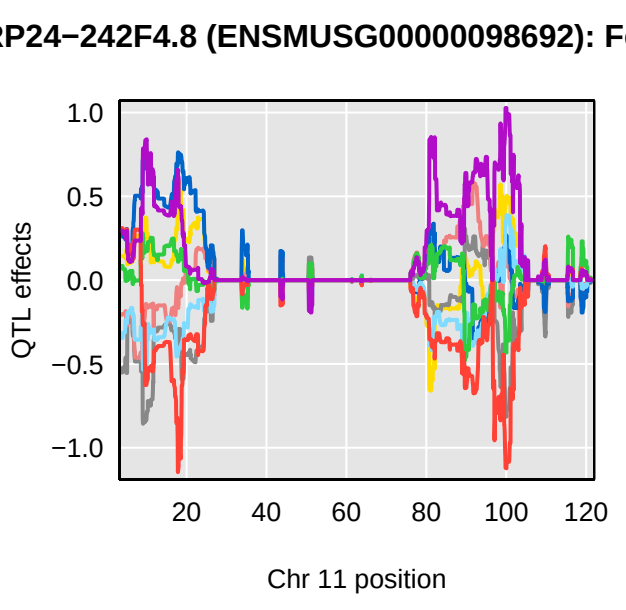

RP24−242F4.8 (ENSMUSG00000098692) eQTL
Interactive Covariate = Sex
LOD score
Full
Additive
Interaction Effect
0
2
4
6
8
10
20
40
60
80
100
120
Chr 11 position

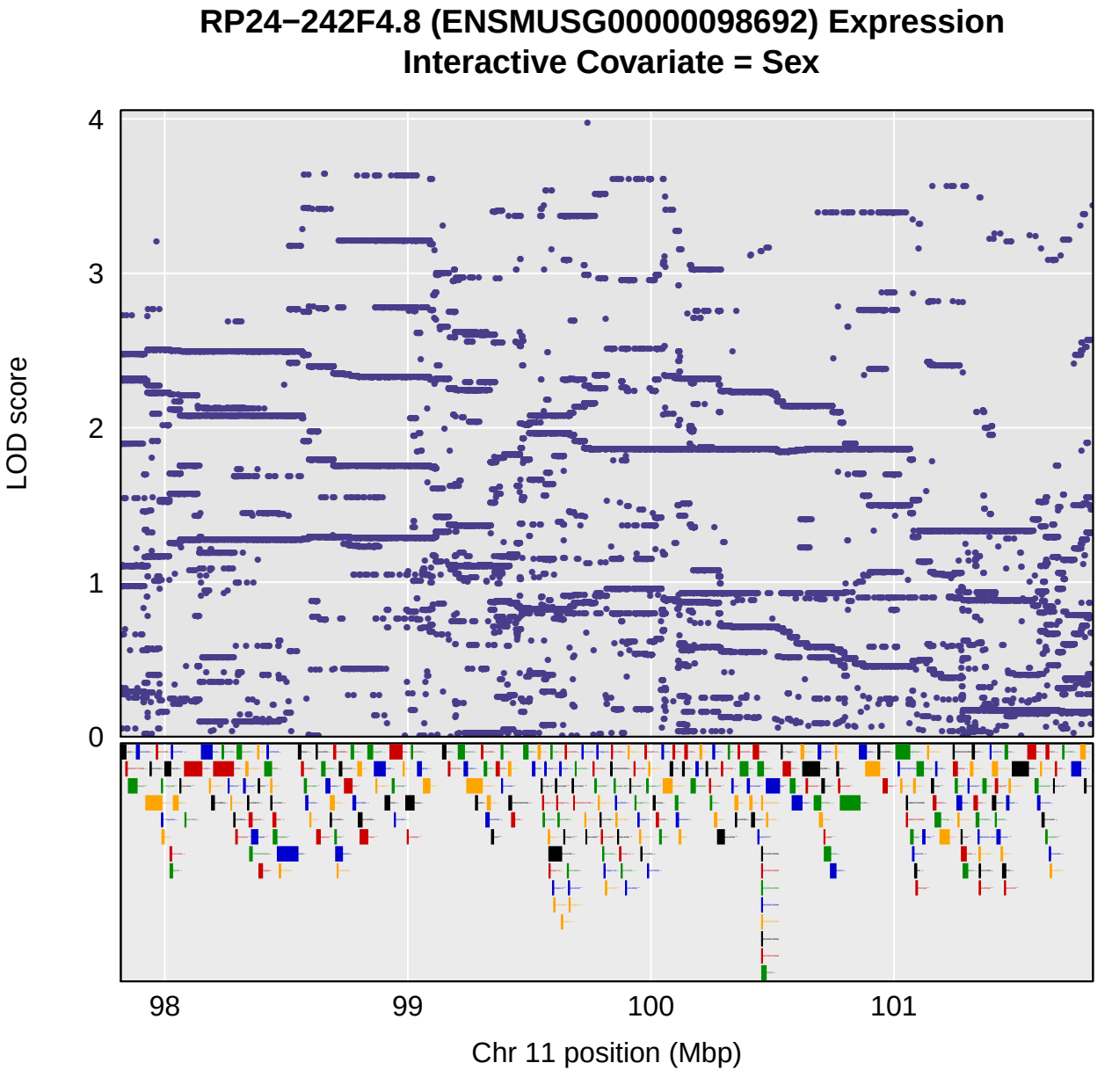

RP24−242F4.8 (ENSMUSG00000098692) Expression
QTL effects
−0.6
−0.4
−0.2
0.0
0.2
0.4
20
40
60
80
100
120
Chr 11 position

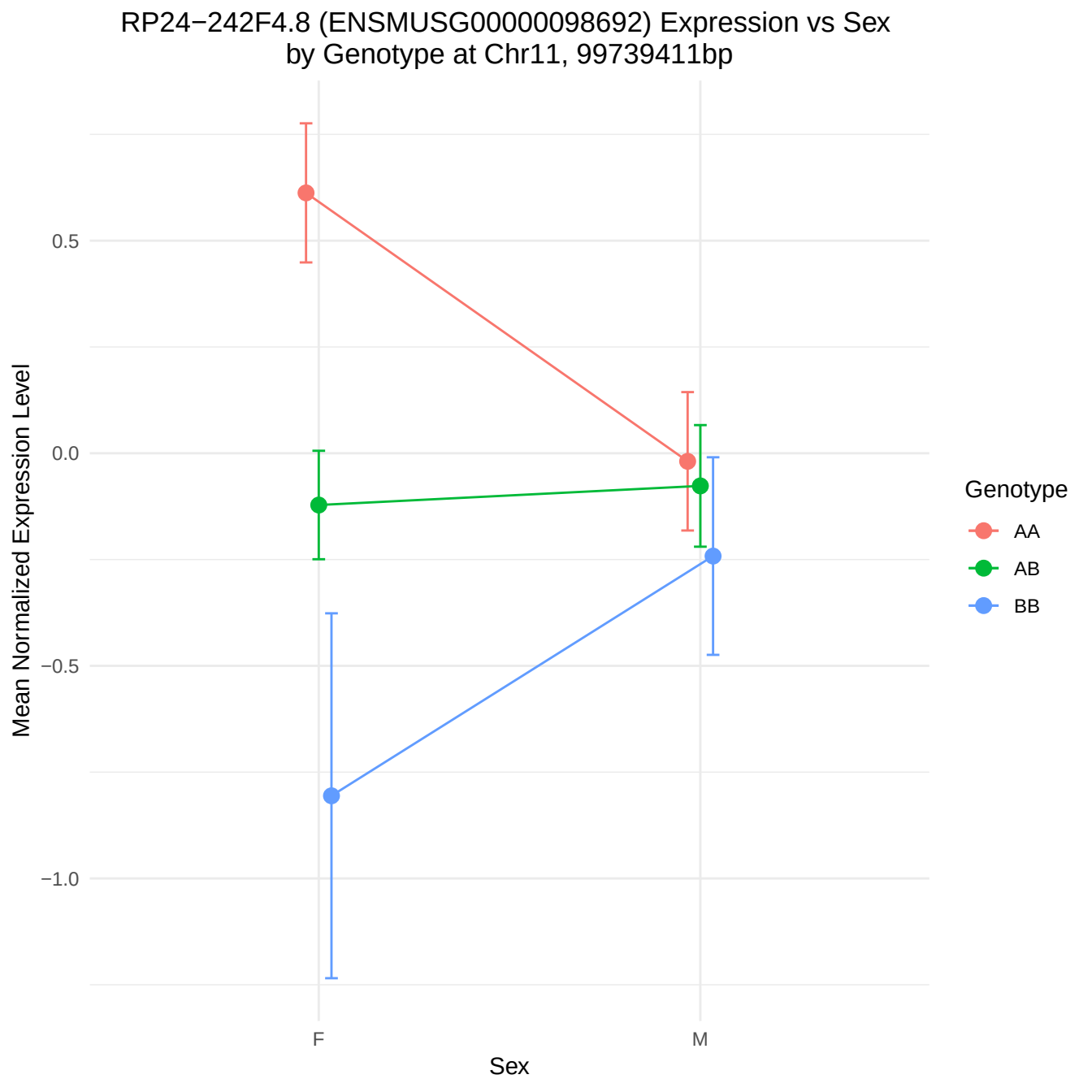

RP24−242F4.8 (ENSMUSG00000098692) eQ
Males
LOD score
0
1
2
3
4
5
20
40
60
80
100
120
Chr 11 position


RP24−242F4.8 (ENSMUSG00000098692): Ma
QTL effects
−0.5
0.0
0.5
1.0
20
40
60
80
100
120
Chr 11 position


RP24−242F4.8 (ENSMUSG00000098692) eQ
Females
LOD score
0
1
2
3
4
5
6
20
40
60
80
100
120
Chr 11 position


RP24−242F4.8 (ENSMUSG00000098692): Fem
QTL effects
−1.0
−0.5
0.0
0.5
1.0
20
40
60
80
100
120
Chr 11 position


RP24−242F4.8 (ENSMUSG00000098692) Expression
Interactive Covariate = Sex
LOD score
4
3
2
1
0
98
99
100
101
Chr 11 position (Mbp)


RP24−242F4.8 (ENSMUSG00000098692) Expression vs Sex
by Genotype at Chr11, 99739411bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
F
M
Sex
Genotype
AA
AB
BB