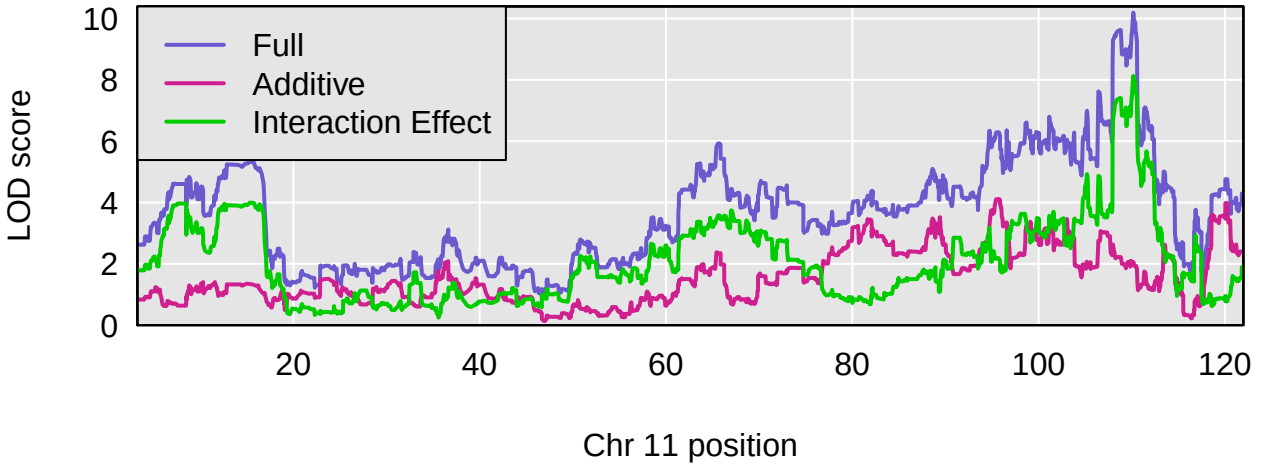
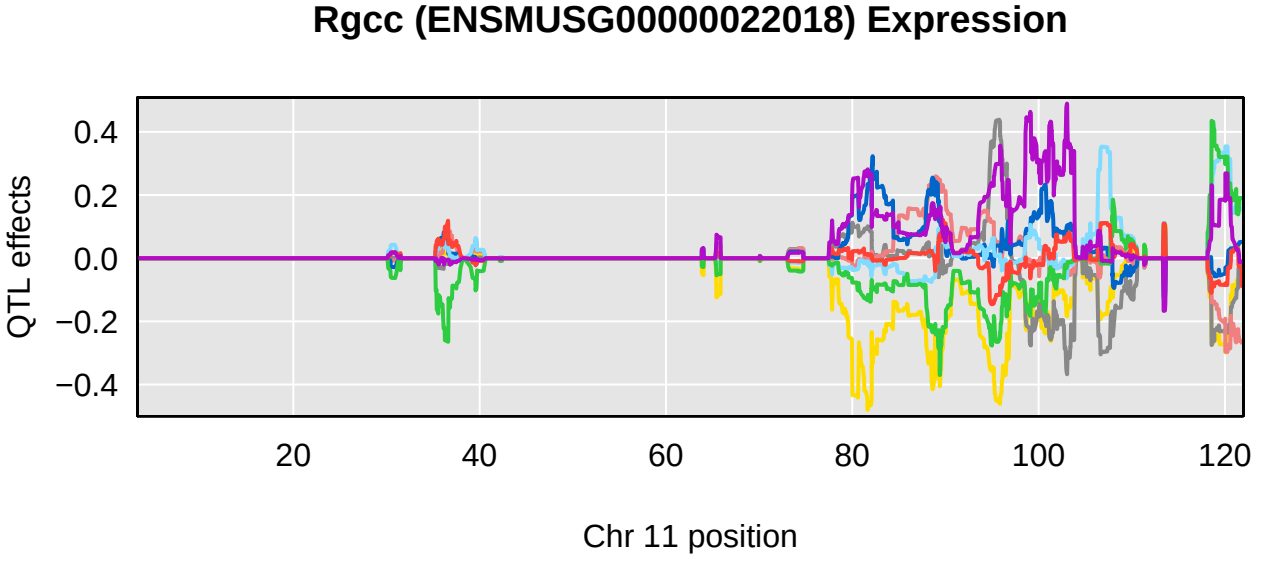
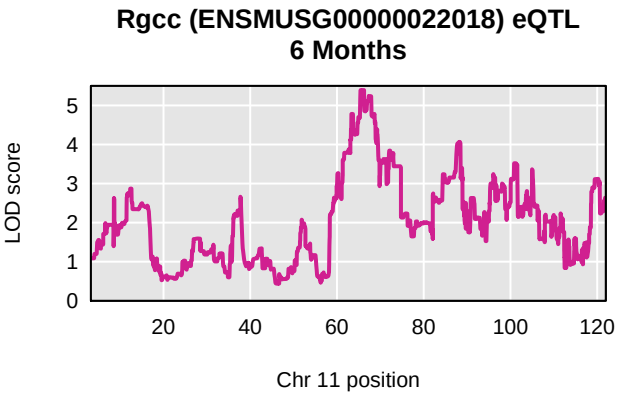
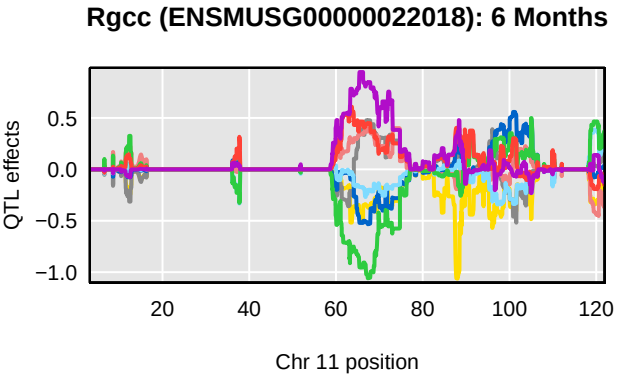
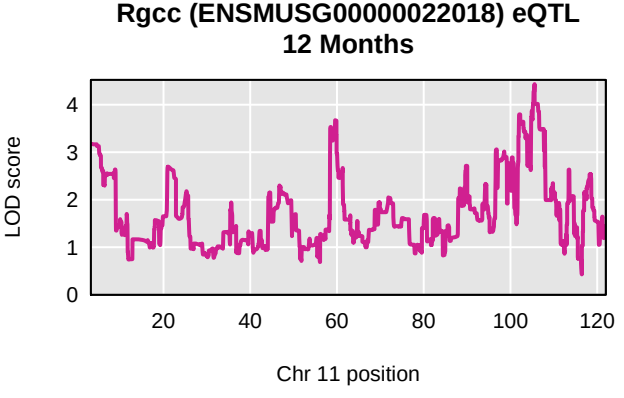
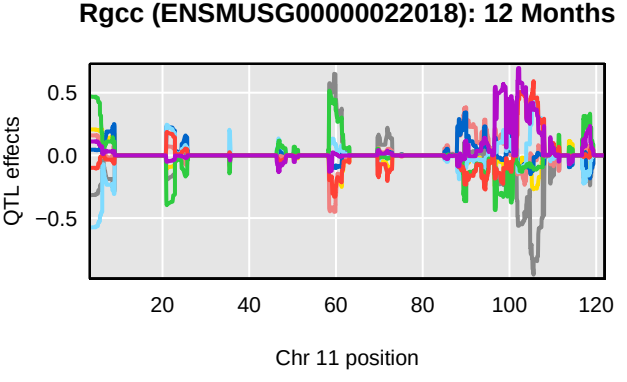

Rgcc (ENSMUSG00000022018) eQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
10
8
6
4
2
0
20
40
60
80
100
120
Chr 11 position

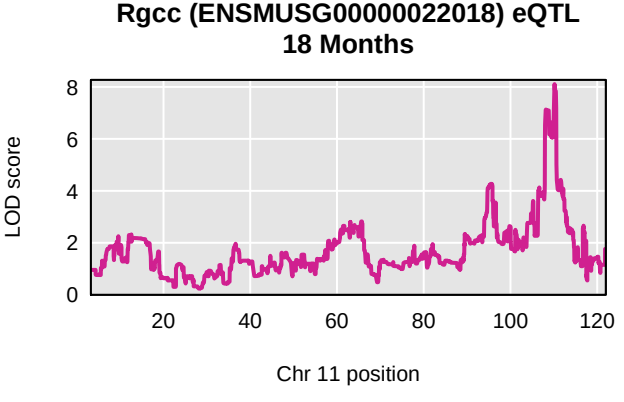

Rgcc (ENSMUSG00000022018) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
20
40
60
80
100
120
Chr 11 position

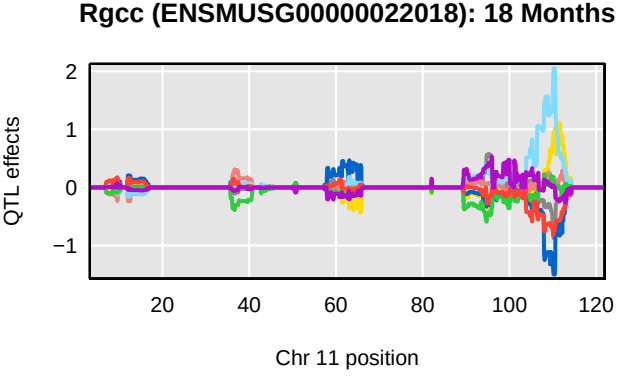

Rgcc (ENSMUSG00000022018) eQTL
6 Months
LOD score
0
1
2
3
4
5
20
40
60
80
100
120
Chr 11 position


Rgcc (ENSMUSG00000022018): 6 Months
QTL effects
−1.0
−0.5
0.0
0.5
20
40
60
80
100
120
Chr 11 position

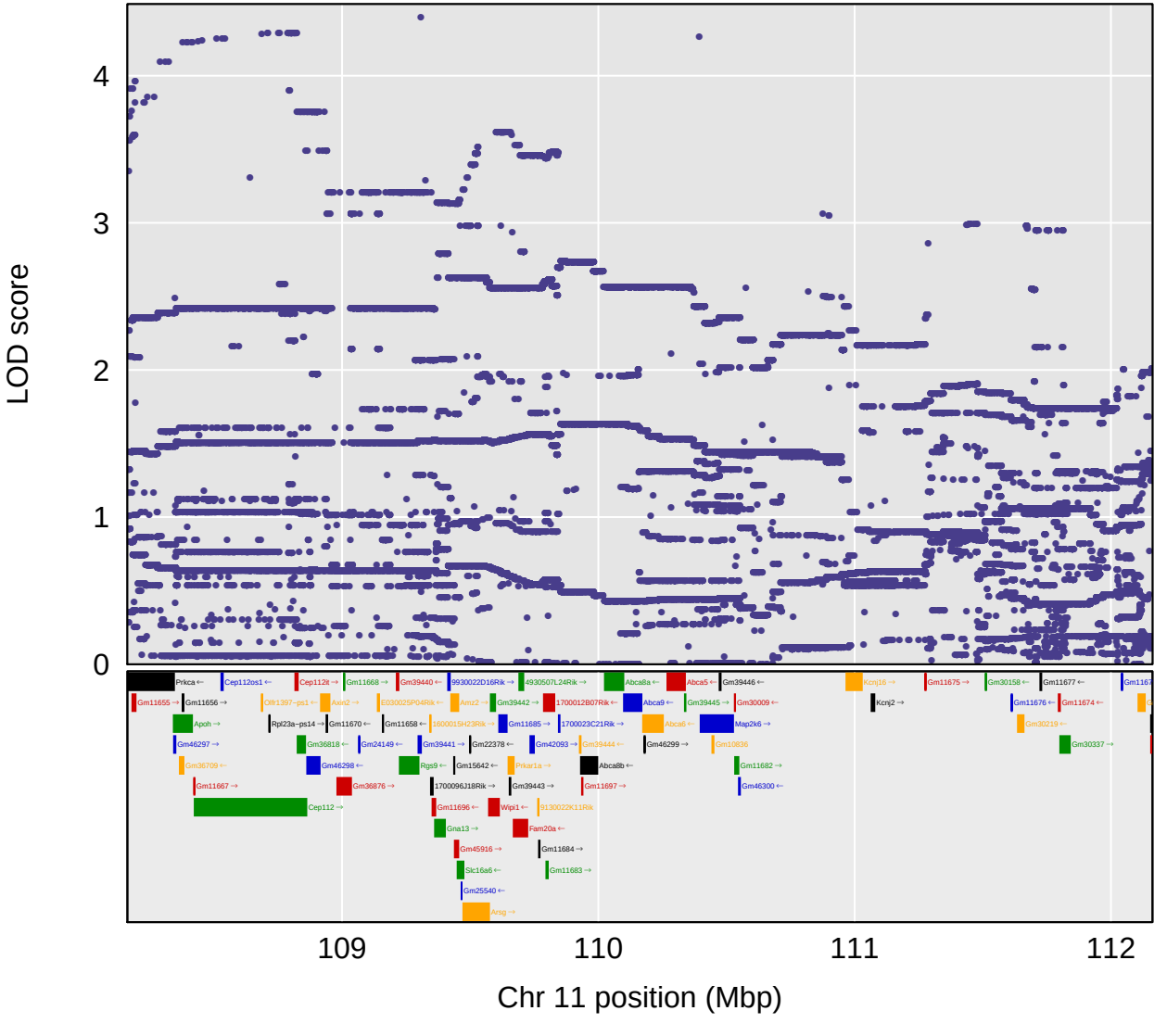

Rgcc (ENSMUSG00000022018) eQTL
12 Months
LOD score
0
1
2
3
4
20
40
60
80
100
120
Chr 11 position

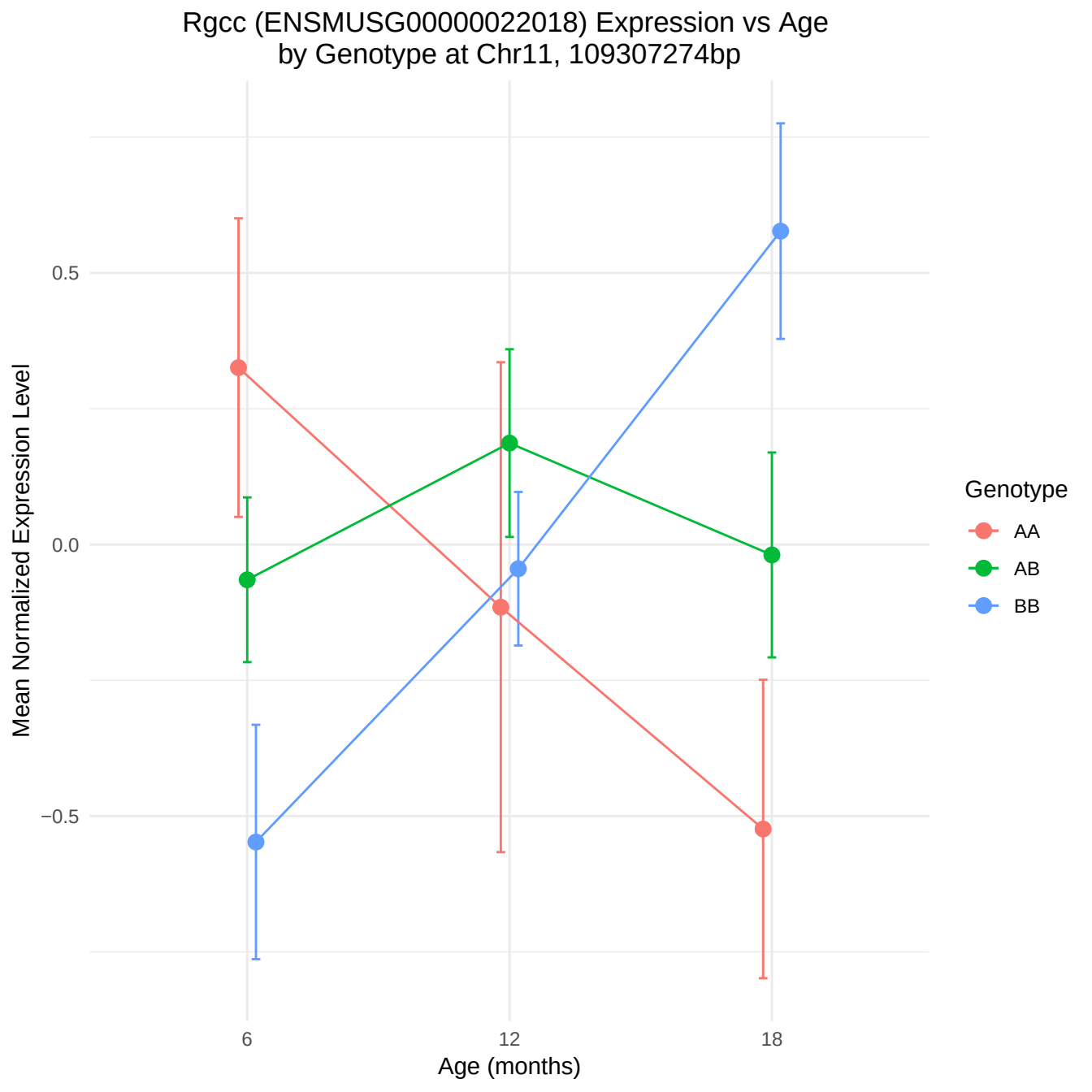

Rgcc (ENSMUSG00000022018): 12 Months
QTL effects
−0.5
0.0
0.5
20
40
60
80
100
120
Chr 11 position


Rgcc (ENSMUSG00000022018) eQTL
18 Months
LOD score
0
2
4
6
8
20
40
60
80
100
120
Chr 11 position


Rgcc (ENSMUSG00000022018): 18 Months
QTL effects
−1
0
1
2
20
40
60
80
100
120
Chr 11 position

Rgcc (ENSMUSG00000022018) Expression
Interactive Covariate = Age




Rgcc (ENSMUSG00000022018) Expression vs Age
by Genotype at Chr11, 109307274bp
Mean Normalized Expression Level
0.5
0.0
−0.5
6
12
18
Age (months)
Genotype
AA
AB
BB