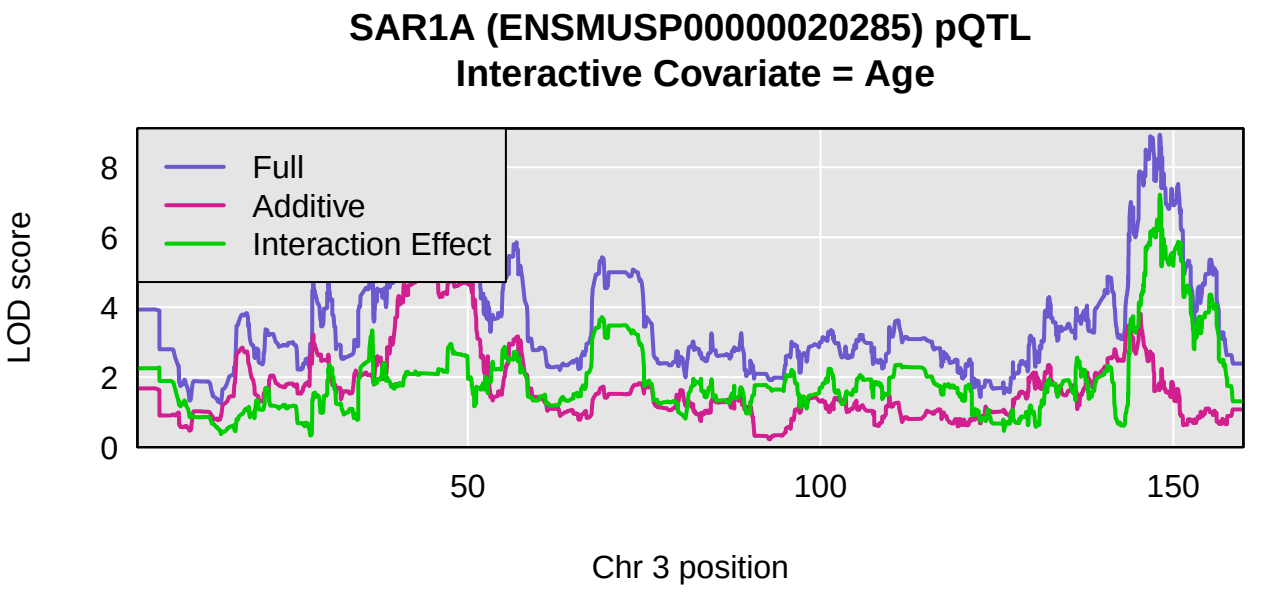
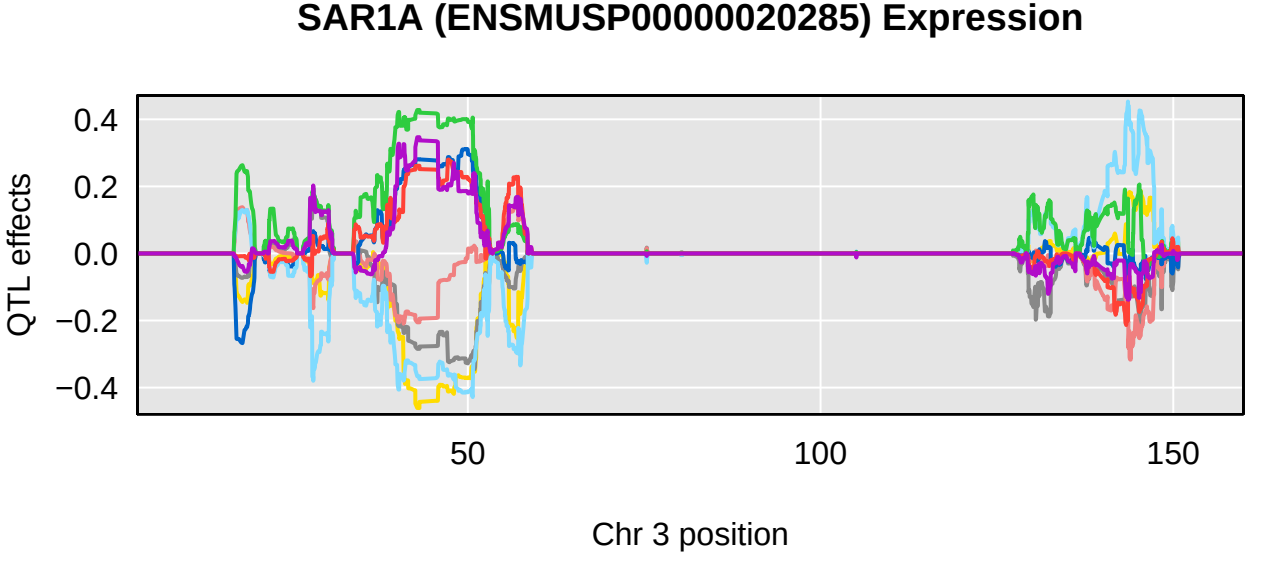
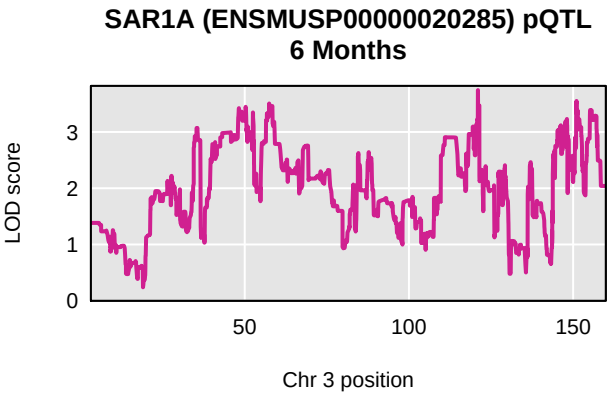
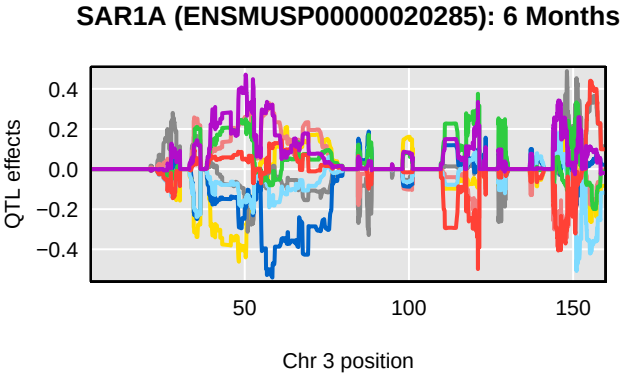
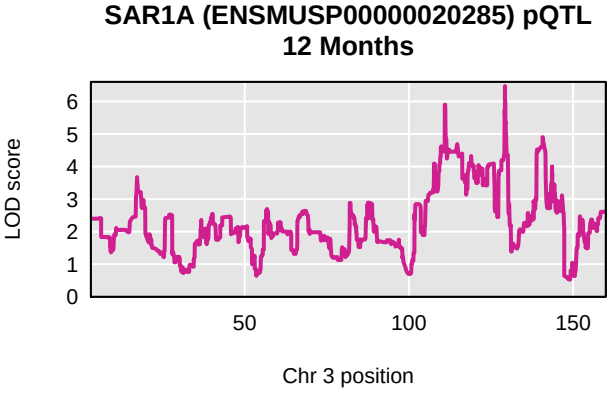
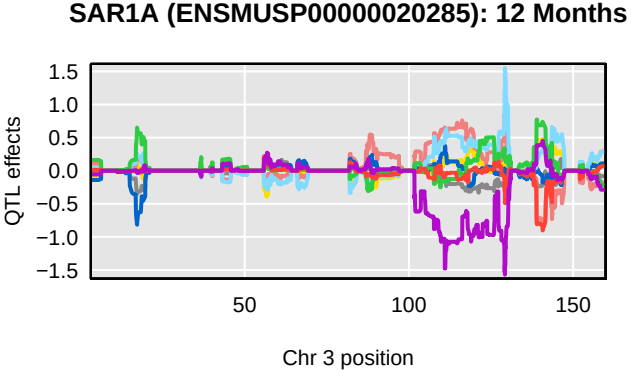

SAR1A (ENSMUSP00000020285) pQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
0
2
4
6
8
50
100
150
Chr 3 position

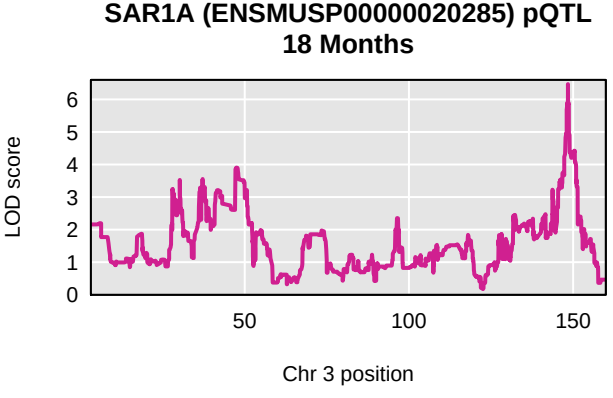

SAR1A (ENSMUSP00000020285) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
50
100
150
Chr 3 position

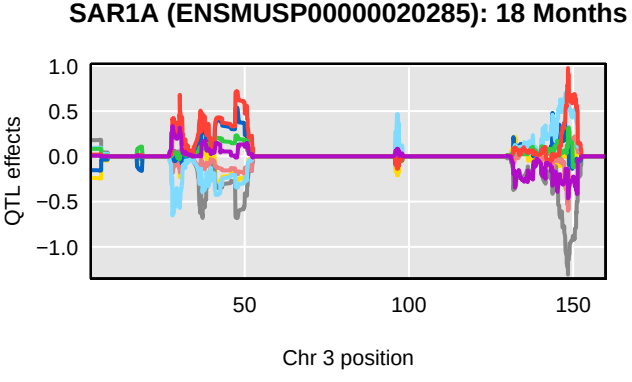

SAR1A (ENSMUSP00000020285) pQTL
6 Months
LOD score
0
1
2
3
50
100
150
Chr 3 position


SAR1A (ENSMUSP00000020285): 6 Months
QTL effects
−0.4
−0.2
0.0
0.2
0.4
50
100
150
Chr 3 position

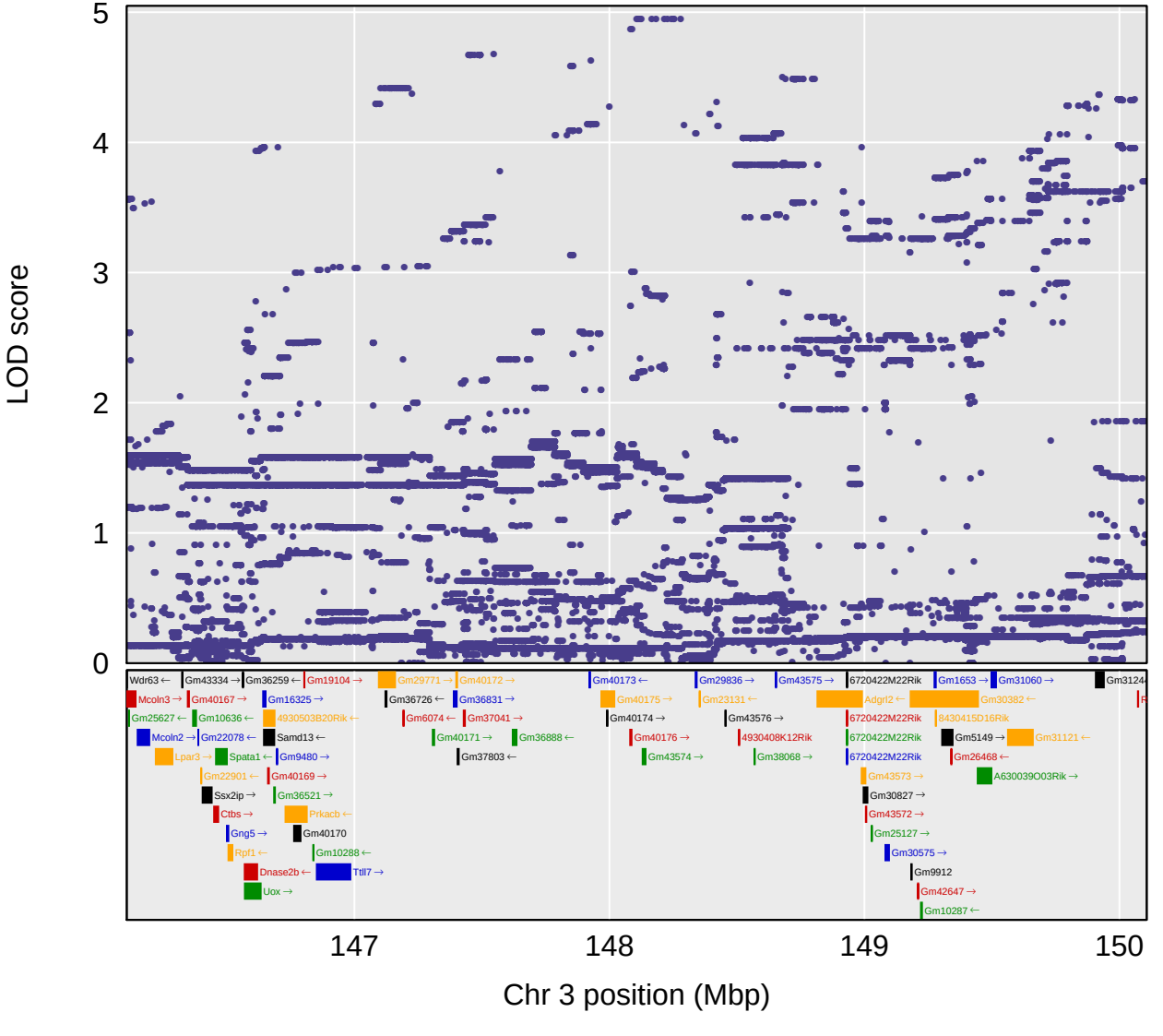

SAR1A (ENSMUSP00000020285) pQTL
12 Months
LOD score
0
1
2
3
4
5
6
50
100
150
Chr 3 position

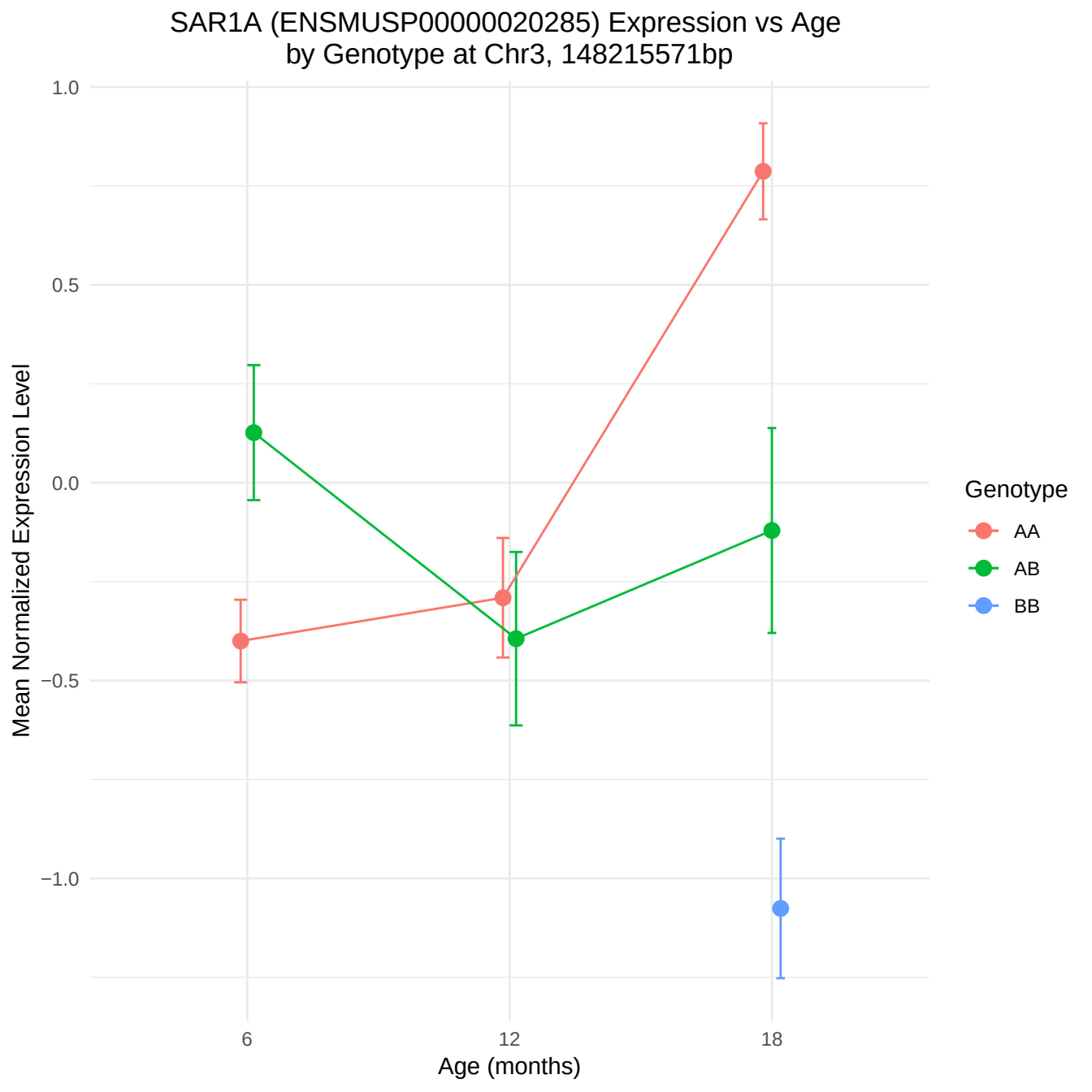

SAR1A (ENSMUSP00000020285): 12 Months
QTL effects
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
50
100
150
Chr 3 position

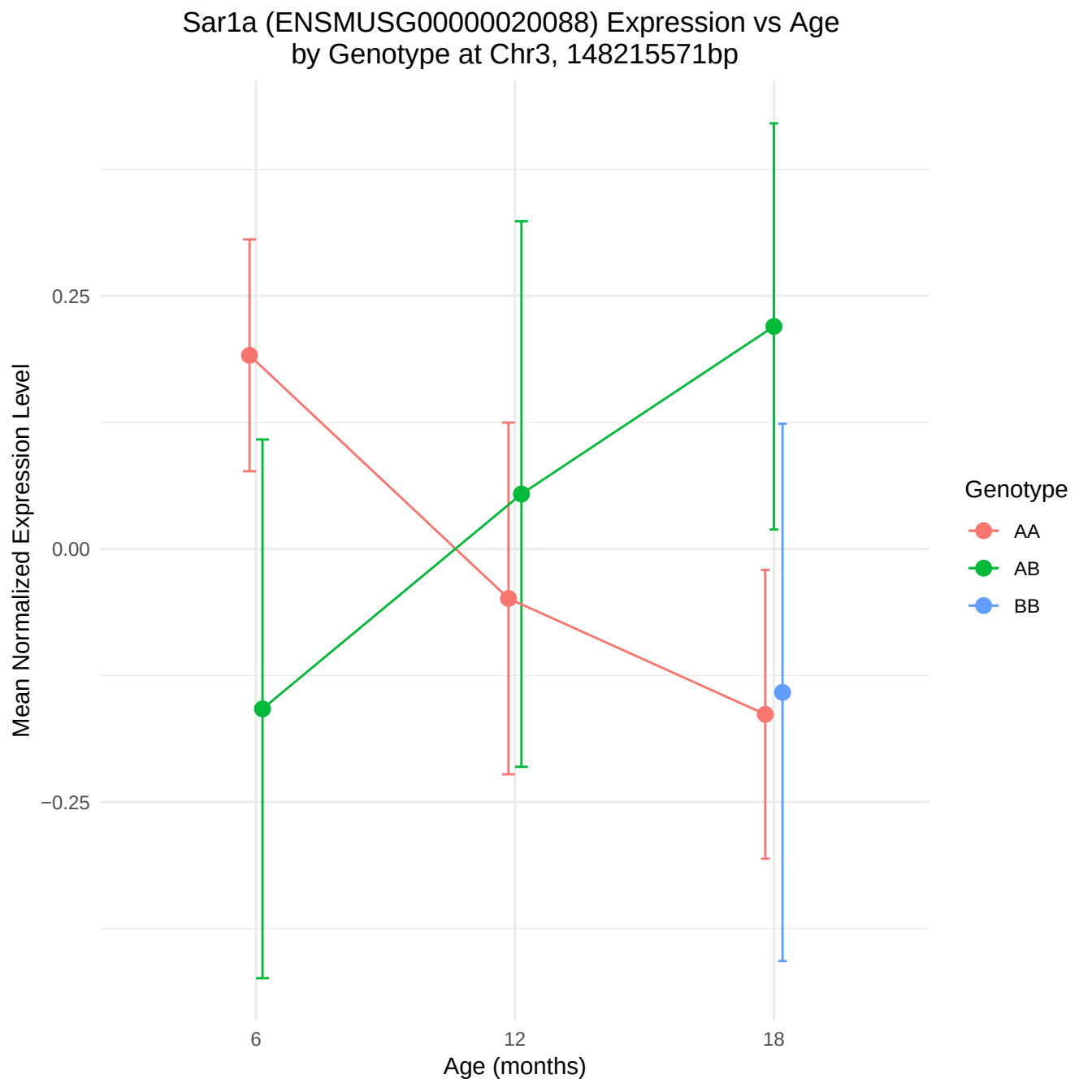

SAR1A (ENSMUSP00000020285) pQTL
18 Months
LOD score
0
1
2
3
4
5
6
50
100
150
Chr 3 position

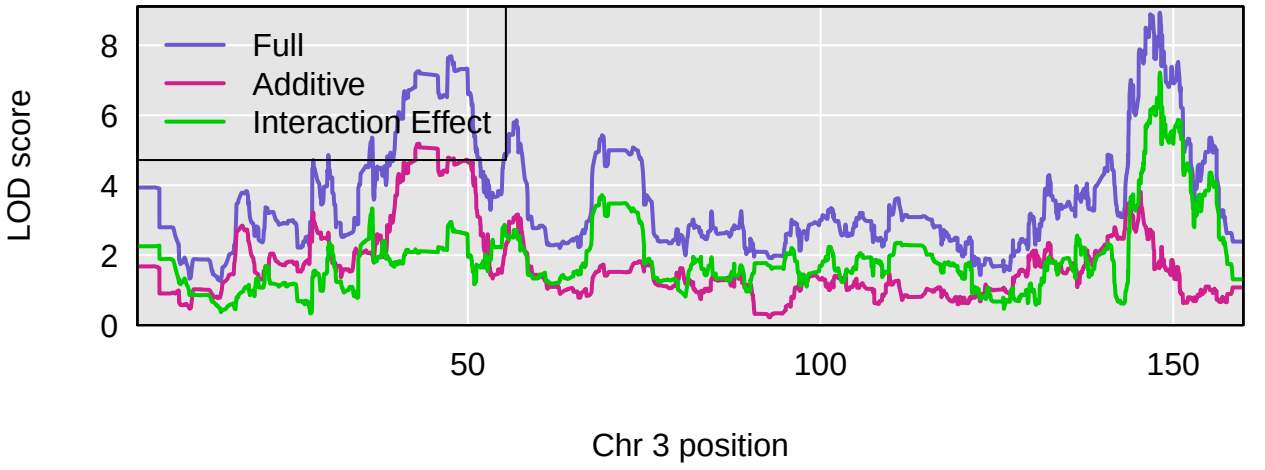

SAR1A (ENSMUSP00000020285): 18 Months
QTL effects
−1.0
−0.5
0.0
0.5
1.0
50
100
150
Chr 3 position

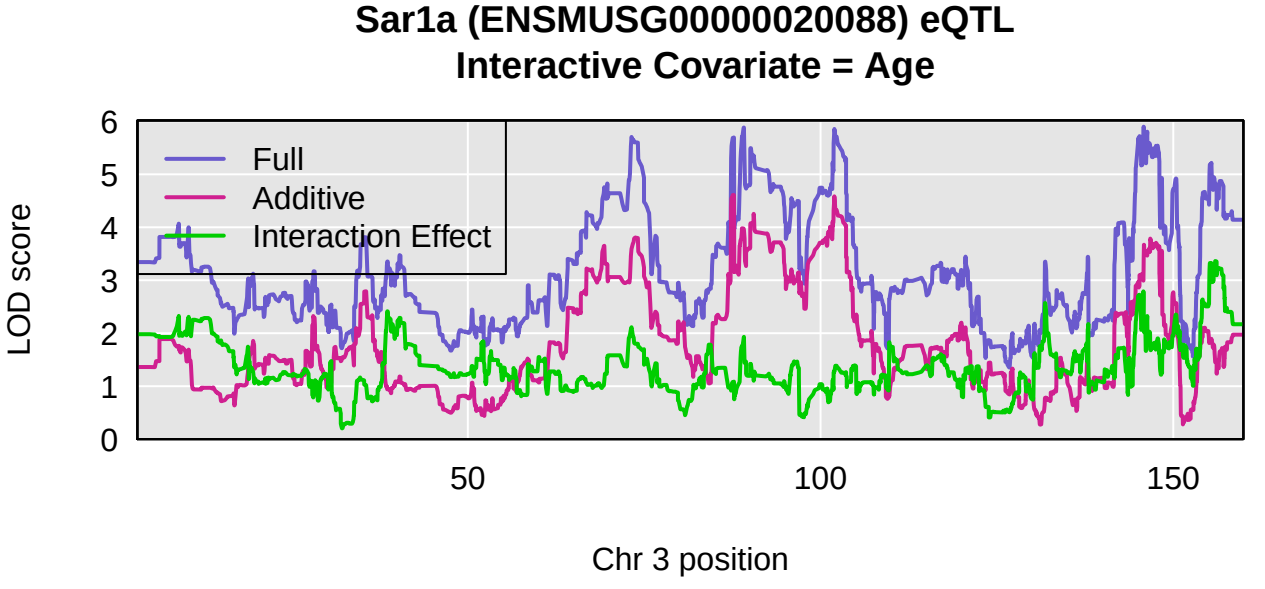
SAR1A (ENSMUSP00000020285) Expression
Interactive Covariate = Age




SAR1A (ENSMUSP00000020285) Expression vs Age
by Genotype at Chr3, 148215571bp
Mean Normalized Expression Level
1.0
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB


Sar1a (ENSMUSG00000020088) Expression vs Age
by Genotype at Chr3, 148215571bp
Mean Normalized Expression Level
0.25
0.00
−0.25
6
12
18
Age (months)
Genotype
AA
AB
BB


SAR1A (ENSMUSP00000020285) pQTL
Interactive Covariate = Age
LOD score
Full
Additive
Interaction Effect
0
2
4
6
8
50
100
150
Chr 3 position


Sar1a (ENSMUSG00000020088) eQTL
Interactive Covariate = Age
LOD score
Full
Additive
Interaction Effect
0
1
2
3
4
5
6
50
100
150
Chr 3 position