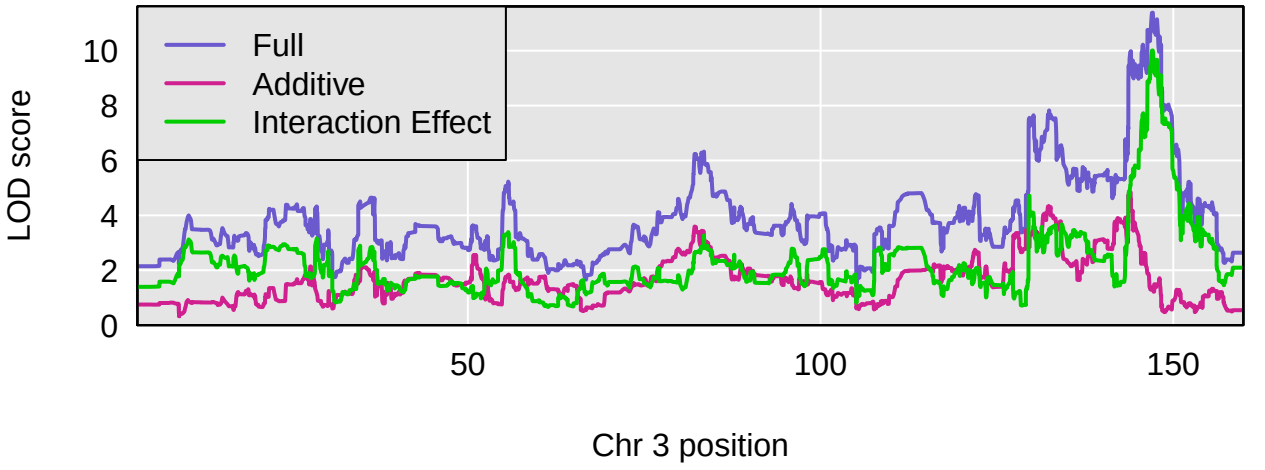
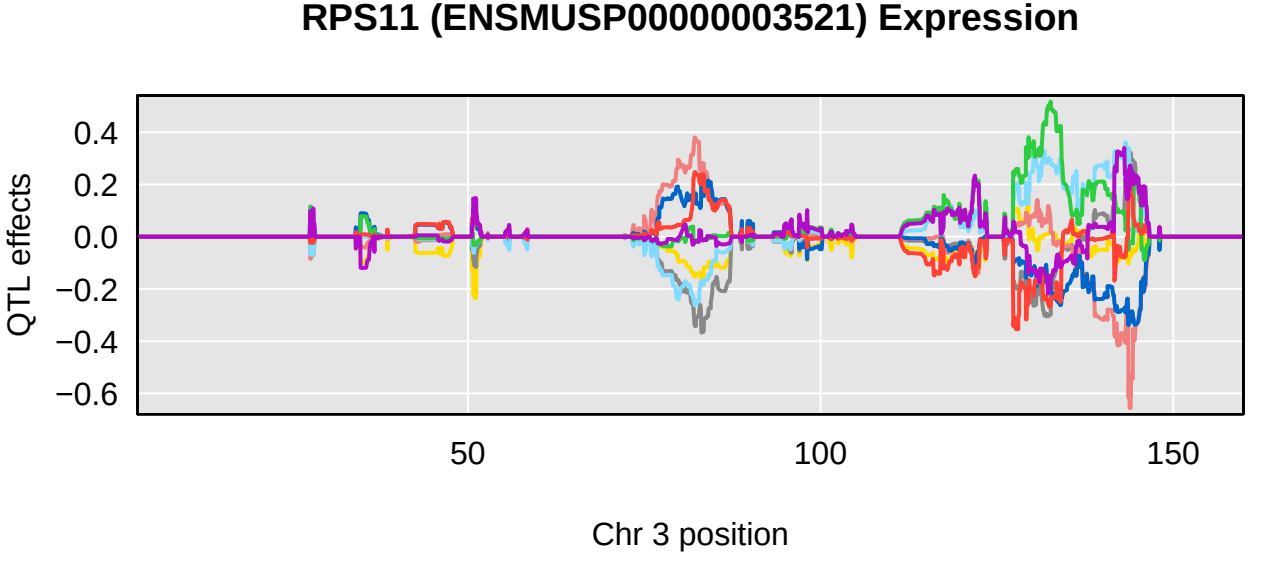
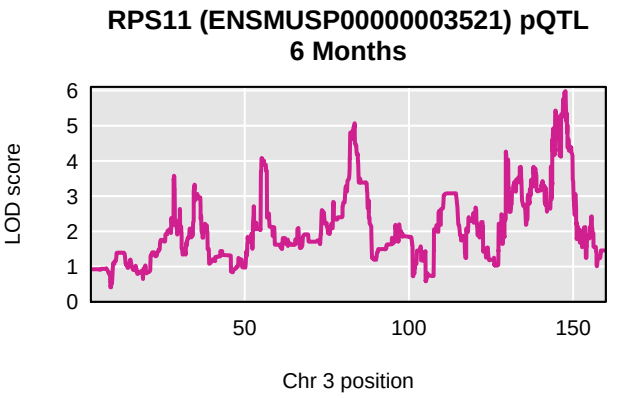
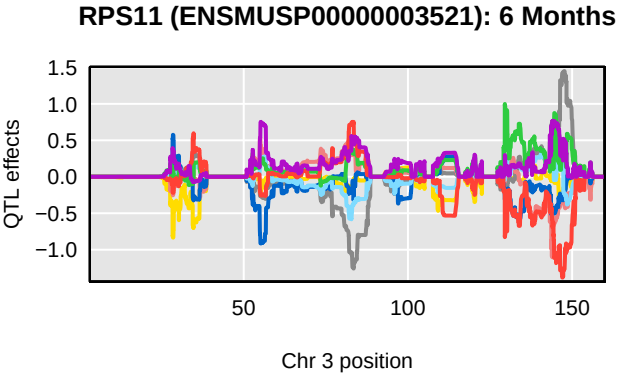
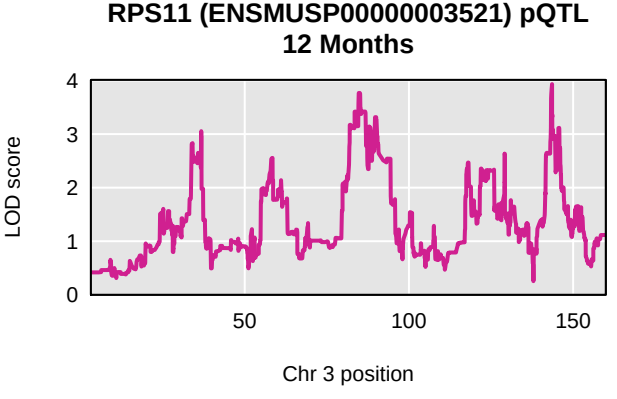
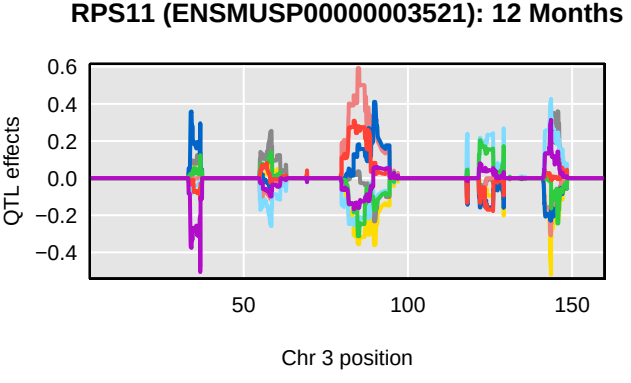

RPS11 (ENSMUSP00000003521) pQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
10
8
6
4
2
0
50
100
150
Chr 3 position

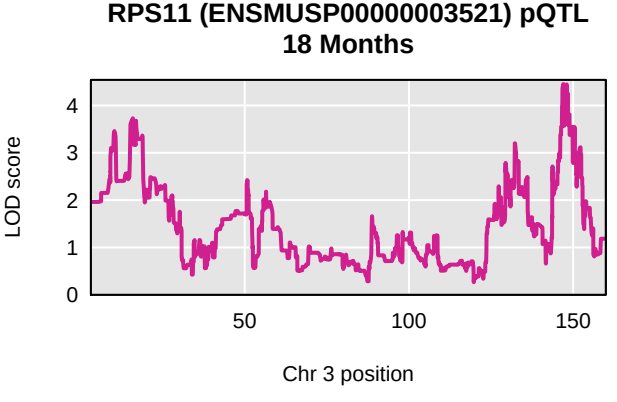

RPS11 (ENSMUSP00000003521) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
−0.6
50
100
150
Chr 3 position

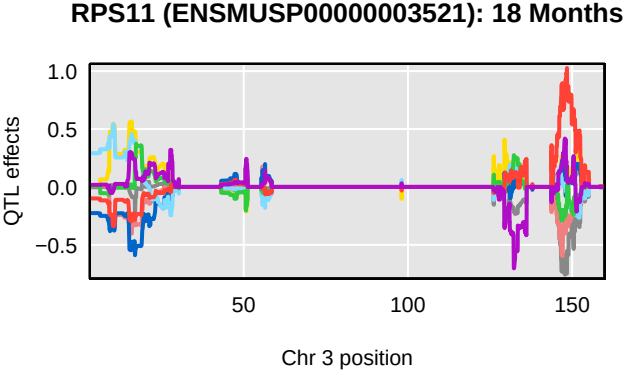

RPS11 (ENSMUSP00000003521) pQTL
6 Months
LOD score
0
1
2
3
4
5
6
50
100
150
Chr 3 position


RPS11 (ENSMUSP00000003521): 6 Months
QTL effects
−1.0
−0.5
0.0
0.5
1.0
1.5
50
100
150
Chr 3 position

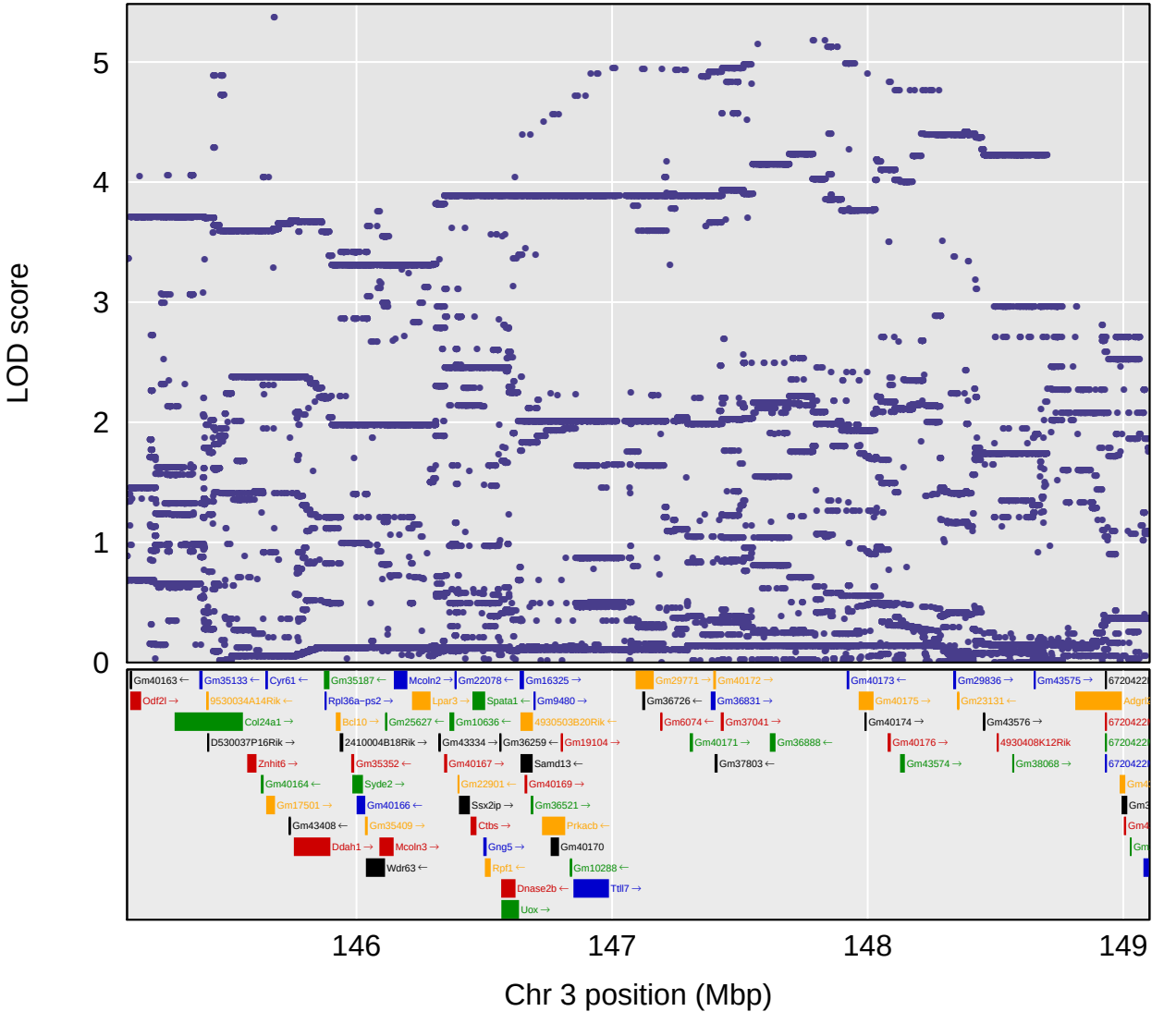

RPS11 (ENSMUSP00000003521) pQTL
12 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position

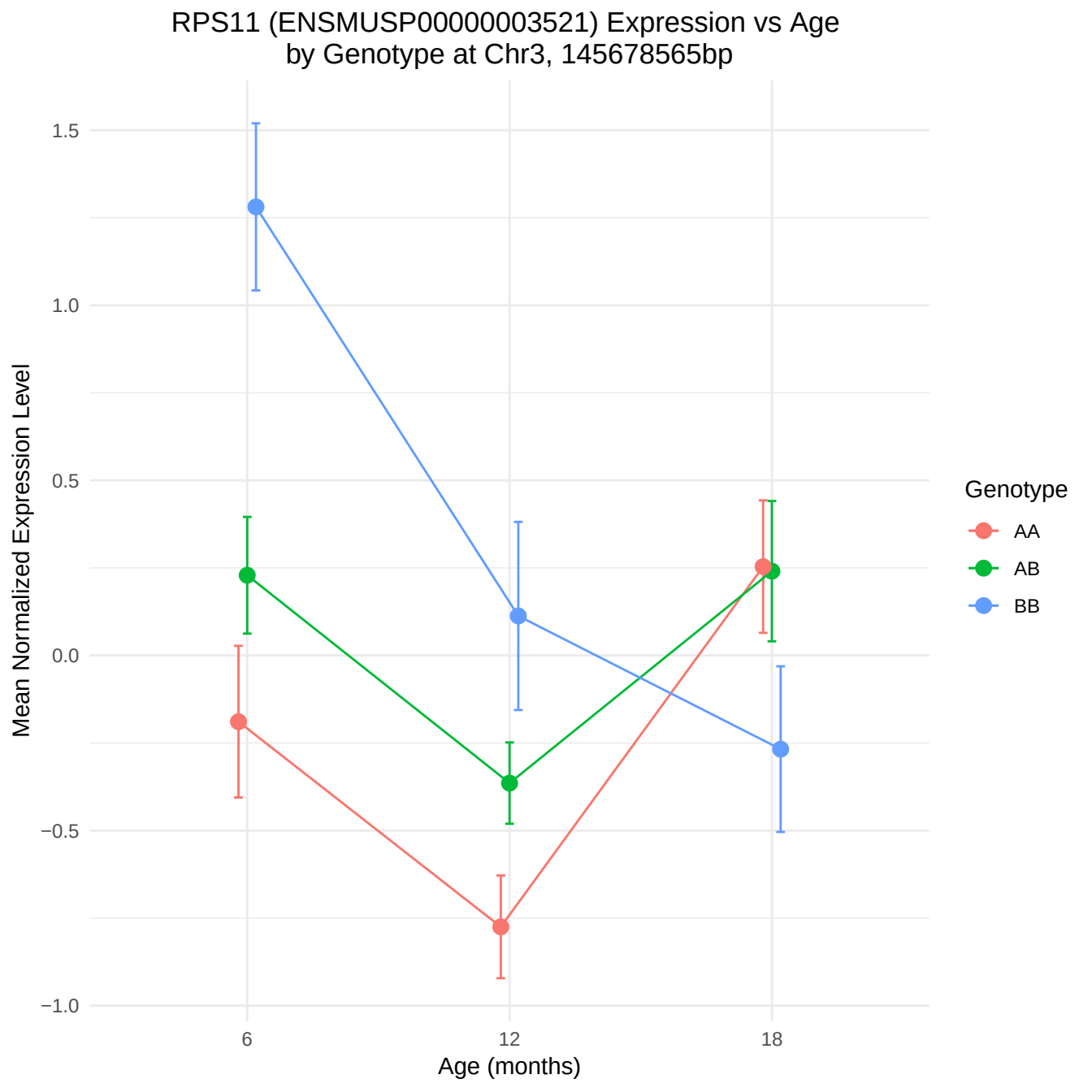

RPS11 (ENSMUSP00000003521): 12 Months
QTL effects
−0.4
−0.2
0.0
0.2
0.4
0.6
50
100
150
Chr 3 position

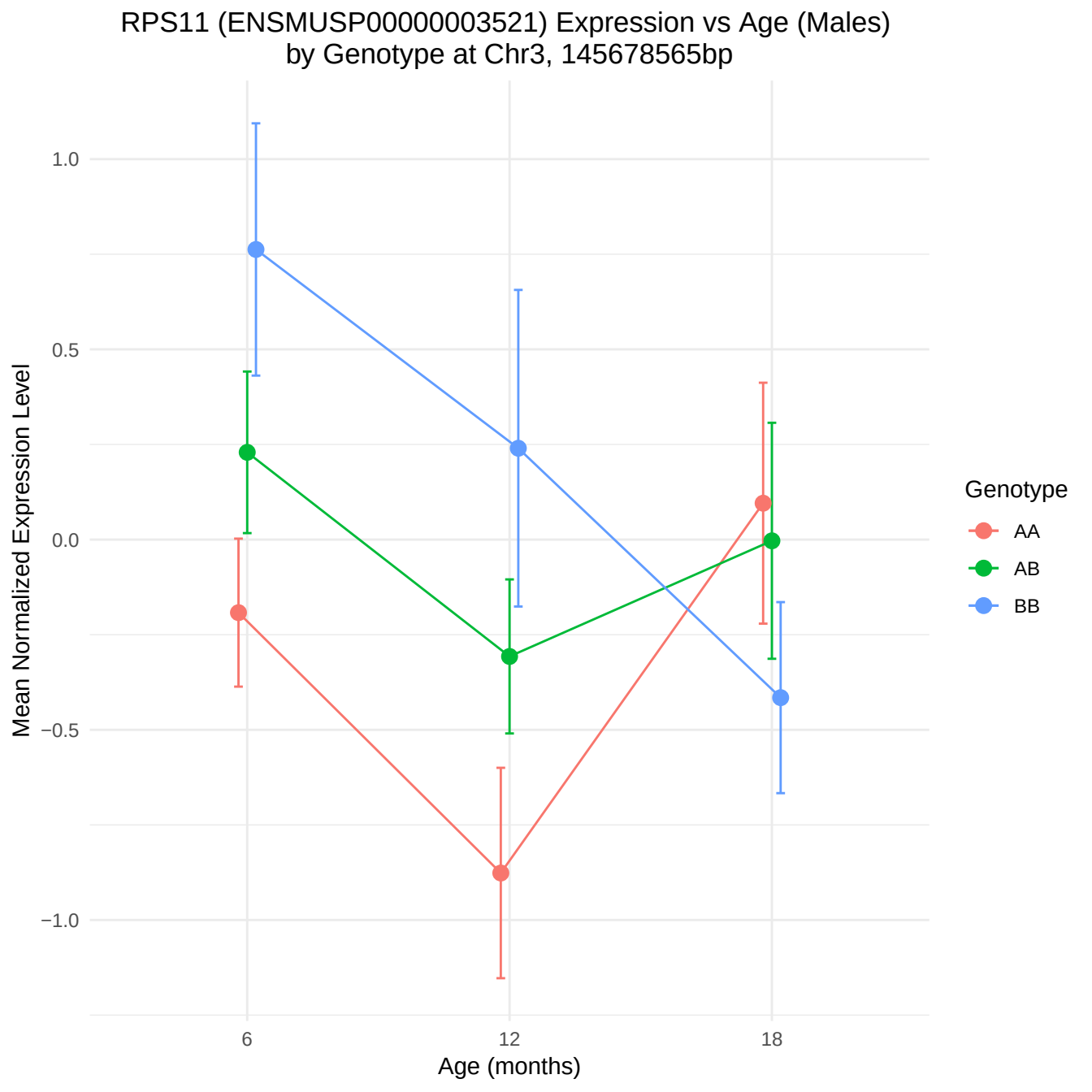

RPS11 (ENSMUSP00000003521) pQTL
18 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position

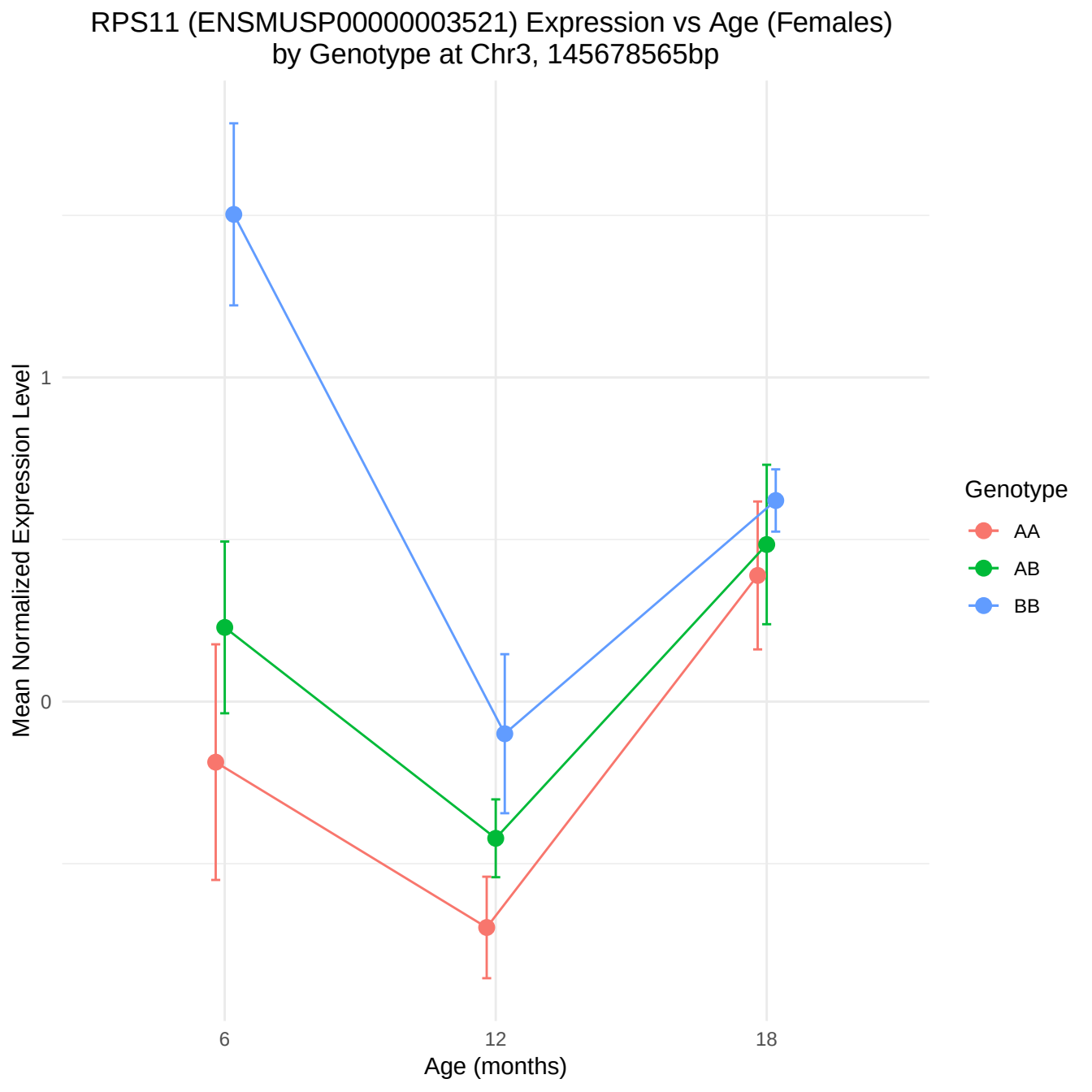

RPS11 (ENSMUSP00000003521): 18 Months
QTL effects
−0.5
0.0
0.5
1.0
50
100
150
Chr 3 position

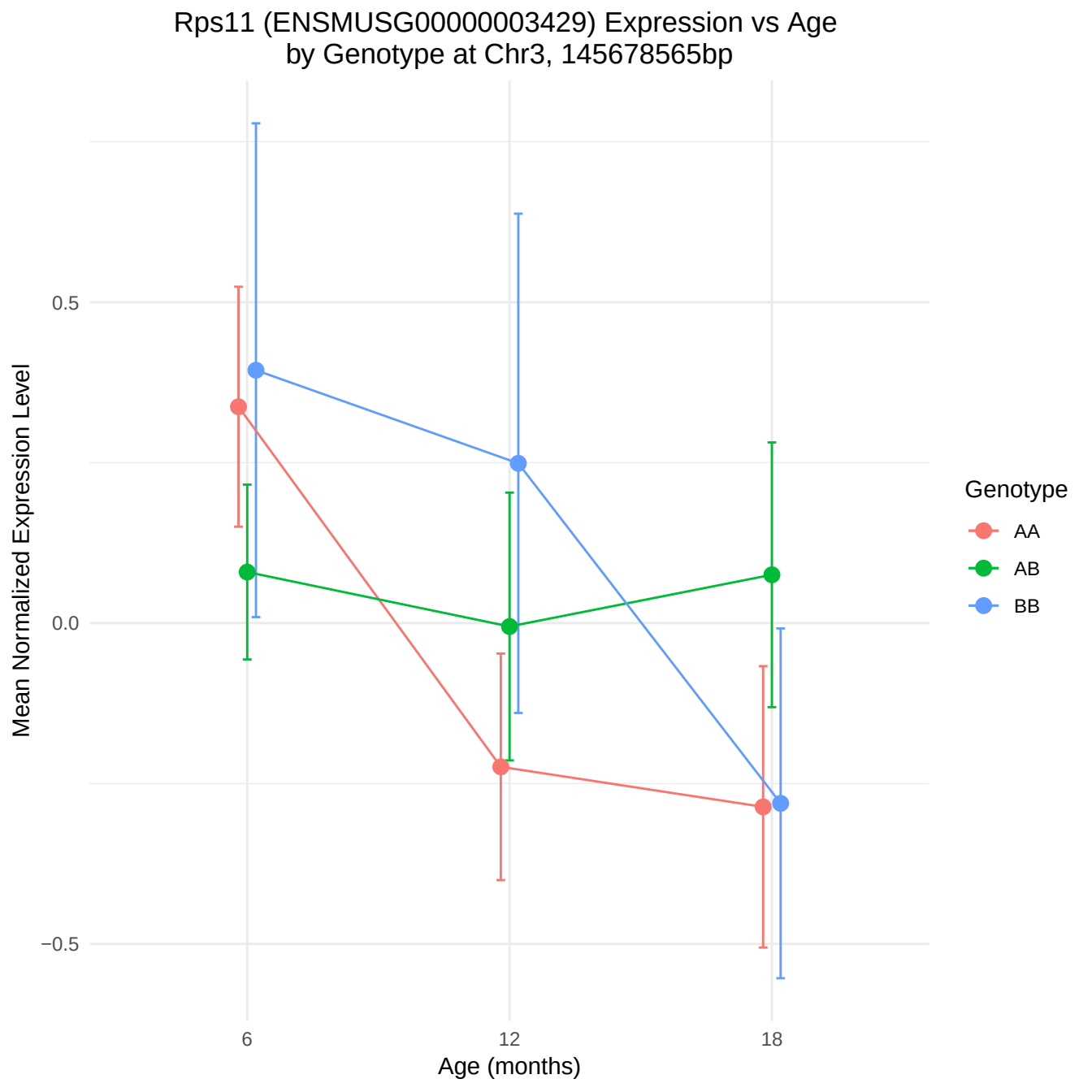
RPS11 (ENSMUSP00000003521) Expression
Interactive Covariate = Age

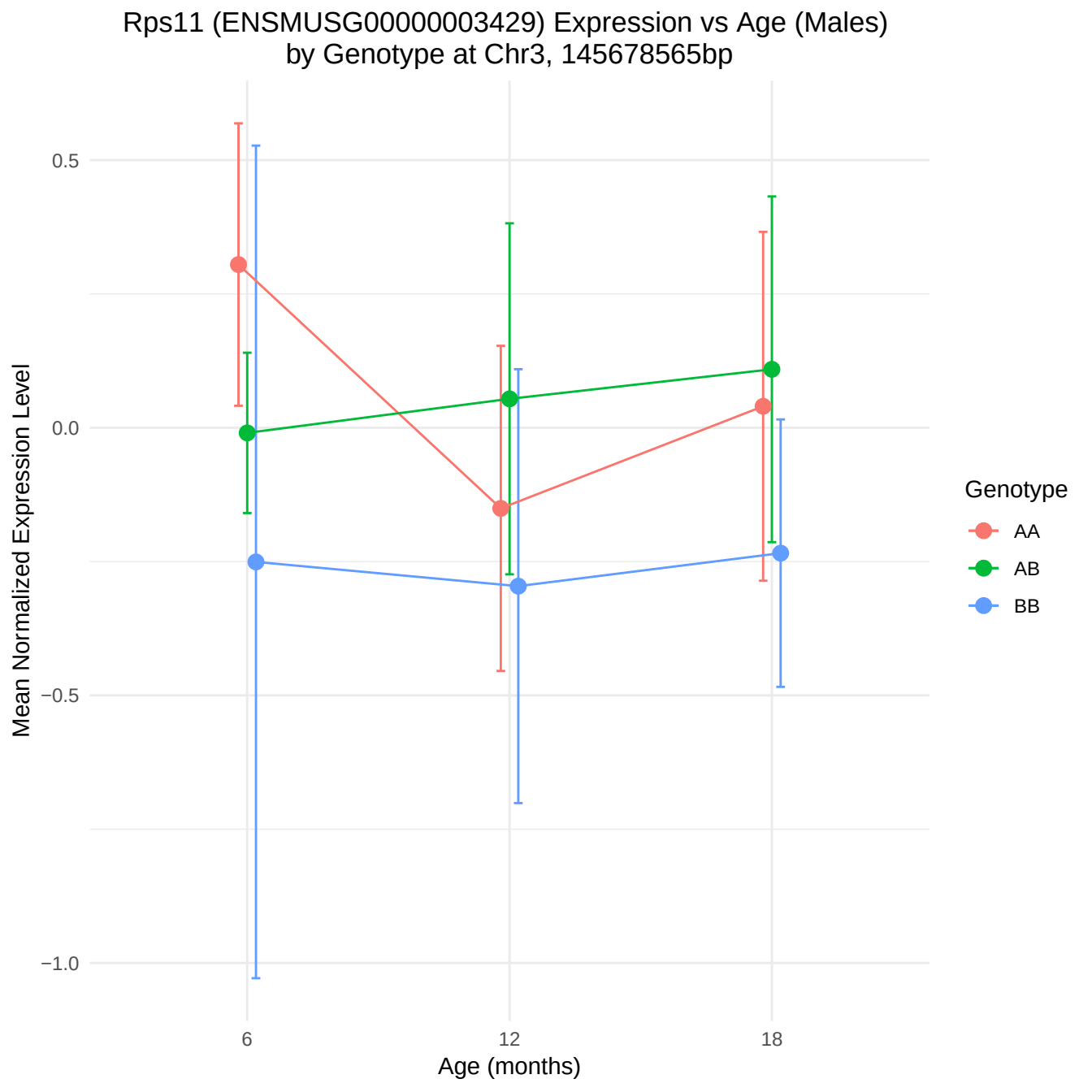


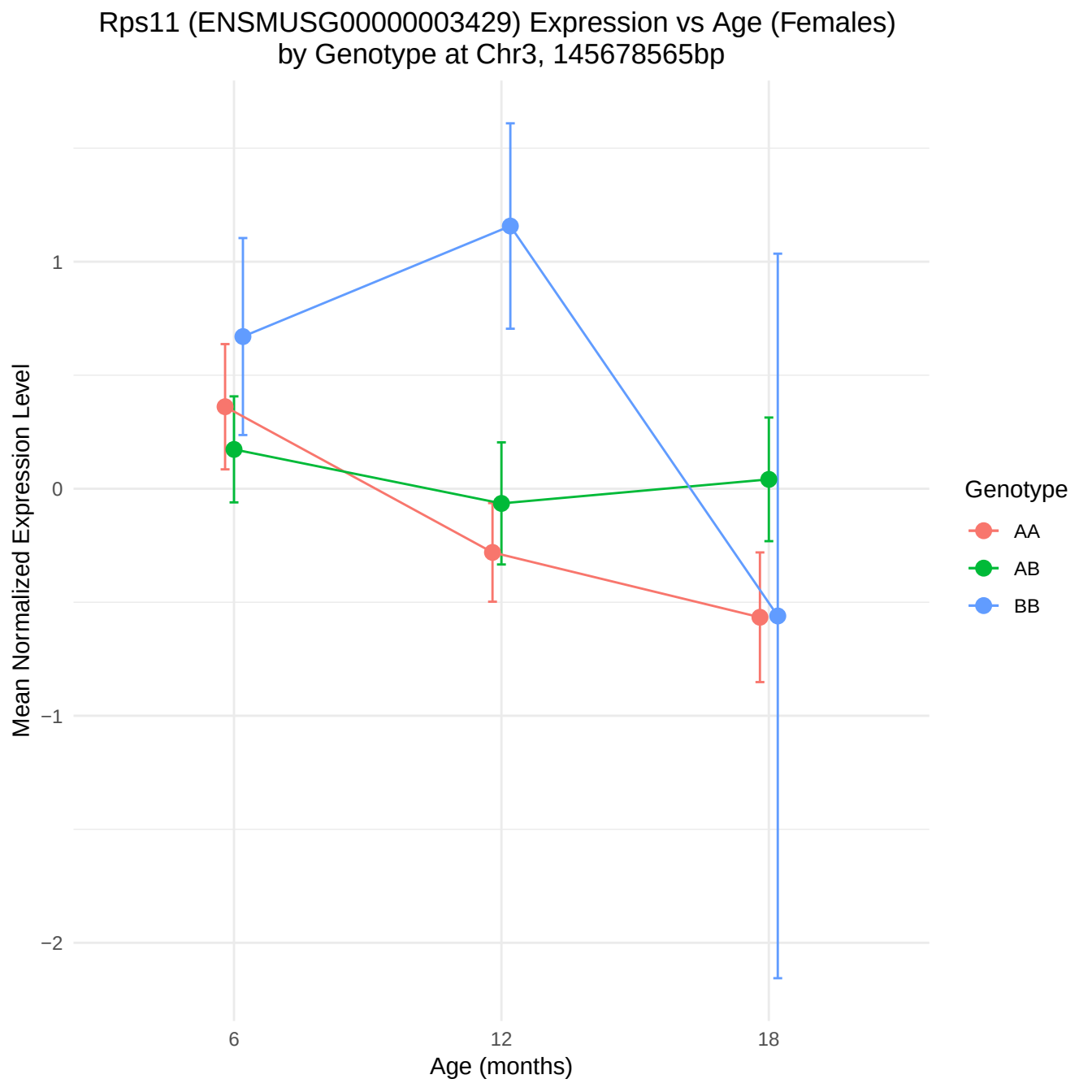

RPS11 (ENSMUSP00000003521) Expression vs Age
by Genotype at Chr3, 145678565bp
Mean Normalized Expression Level
1.5
1.0
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB

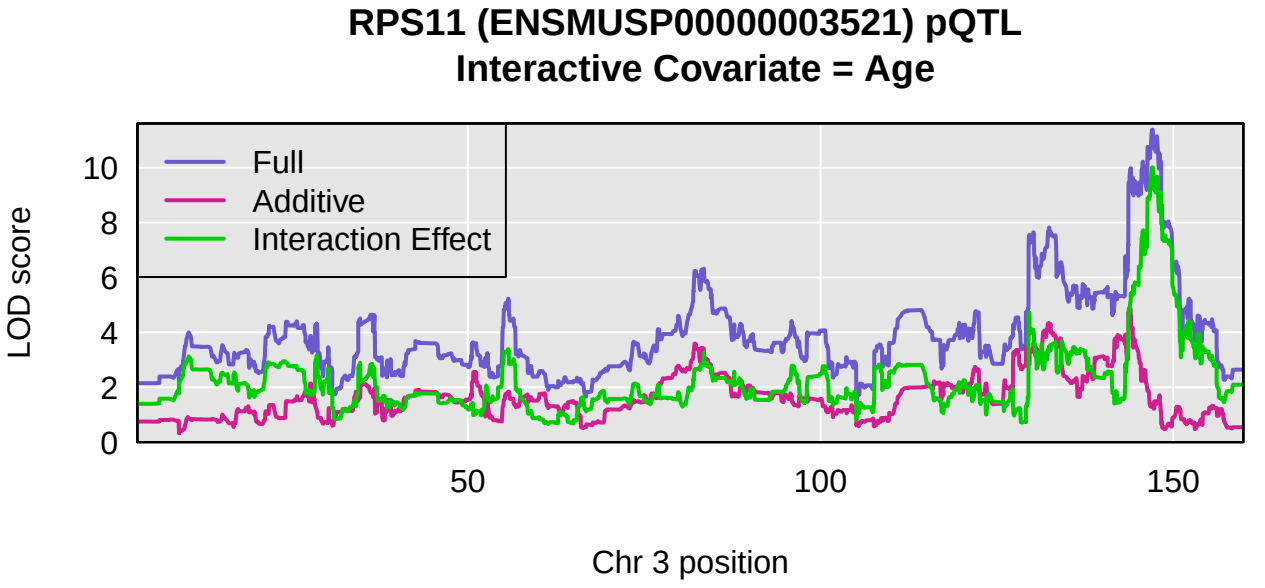

RPS11 (ENSMUSP00000003521) Expression vs Age (Males)
by Genotype at Chr3, 145678565bp
Mean Normalized Expression Level
1.0
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB

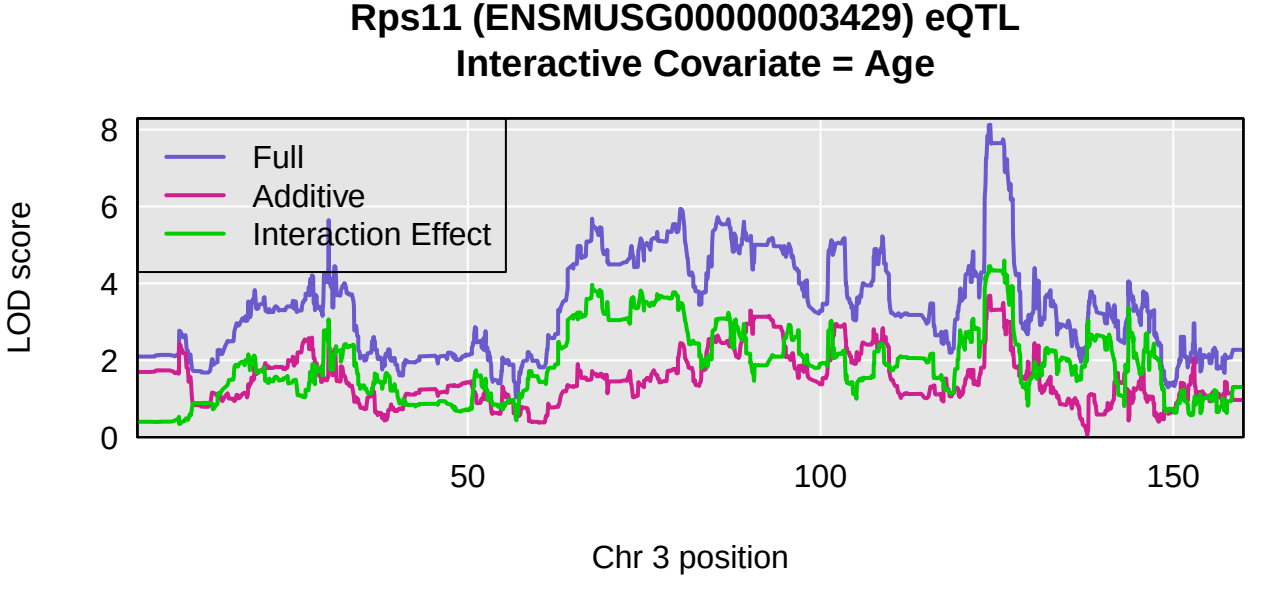

RPS11 (ENSMUSP00000003521) Expression vs Age (Females)
by Genotype at Chr3, 145678565bp
Mean Normalized Expression Level
1
0
6
12
18
Age (months)
Genotype
AA
AB
BB


Rps11 (ENSMUSG00000003429) Expression vs Age
by Genotype at Chr3, 145678565bp
Mean Normalized Expression Level
0.5
0.0
−0.5
6
12
18
Age (months)
Genotype
AA
AB
BB


Rps11 (ENSMUSG00000003429) Expression vs Age (Males)
by Genotype at Chr3, 145678565bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB


Rps11 (ENSMUSG00000003429) Expression vs Age (Females)
by Genotype at Chr3, 145678565bp
Mean Normalized Expression Level
1
0
−1
−2
6
12
18
Age (months)
Genotype
AA
AB
BB


RPS11 (ENSMUSP00000003521) pQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
0
2
4
6
8
10
50
100
150
Chr 3 position


Rps11 (ENSMUSG00000003429) eQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
0
2
4
6
8
50
100
150
Chr 3 position