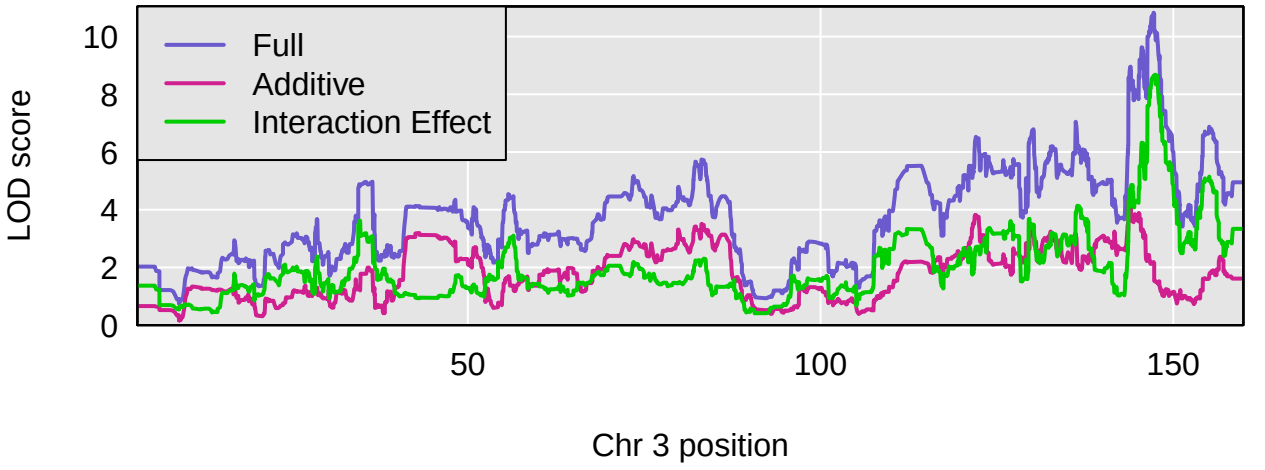
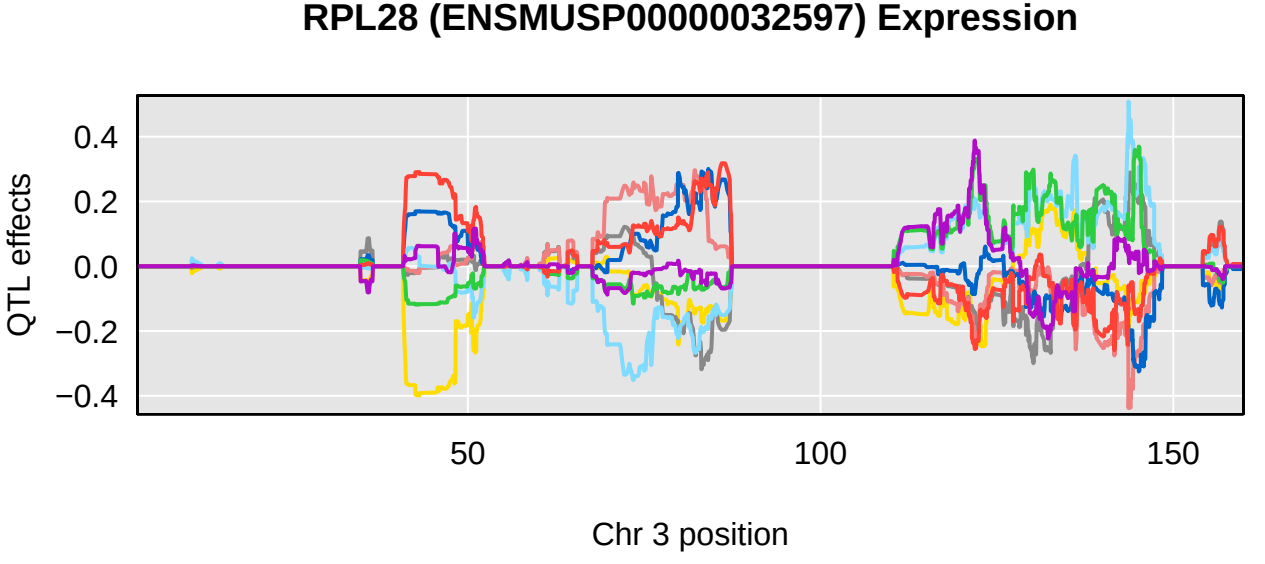
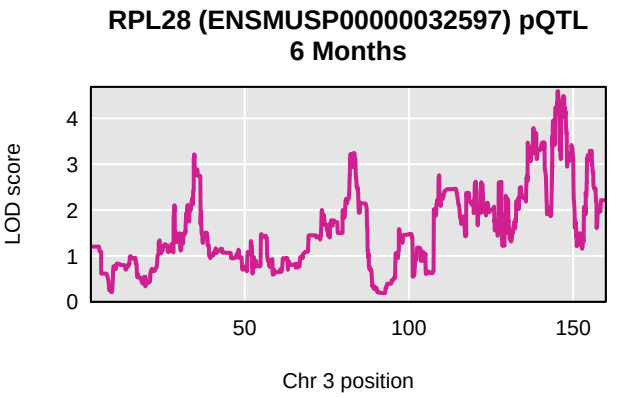
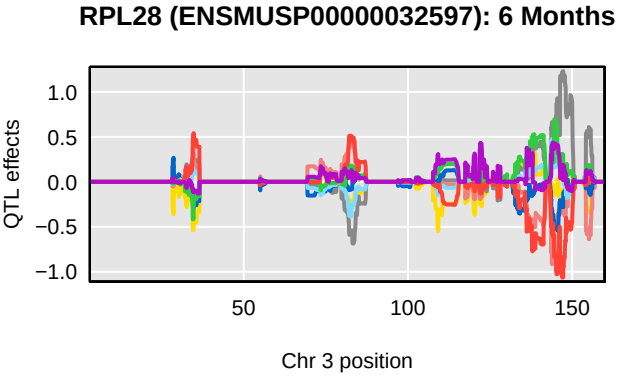
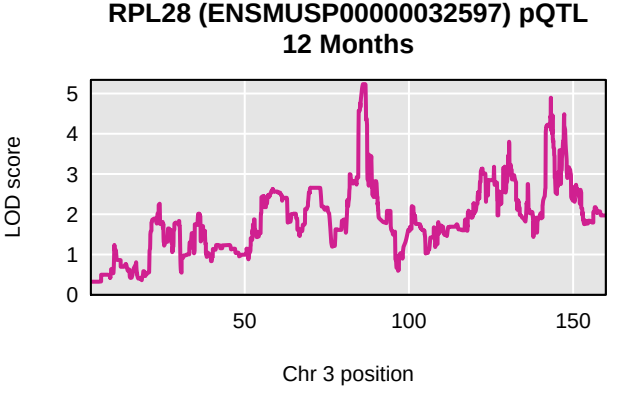
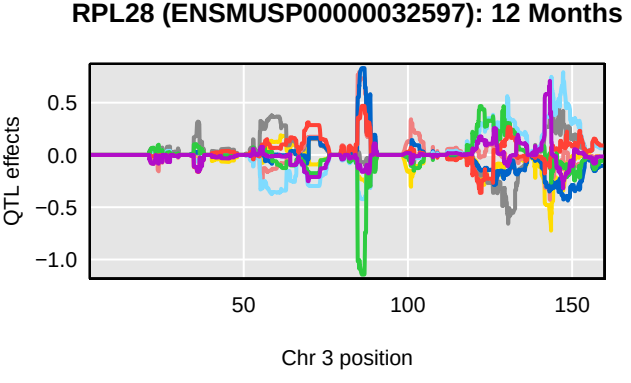

RPL28 (ENSMUSP00000032597) pQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
10
8
6
4
2
0
50
100
150
Chr 3 position

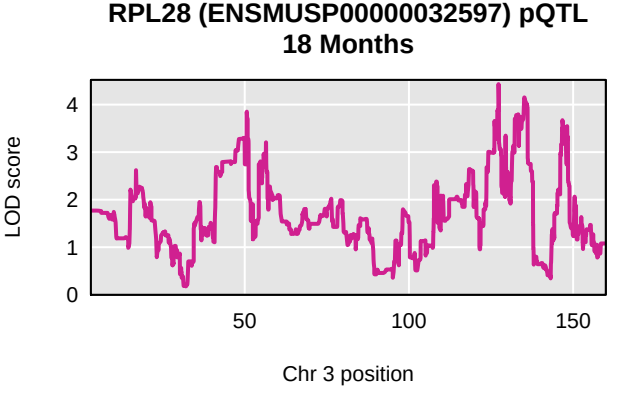

RPL28 (ENSMUSP00000032597) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
50
100
150
Chr 3 position

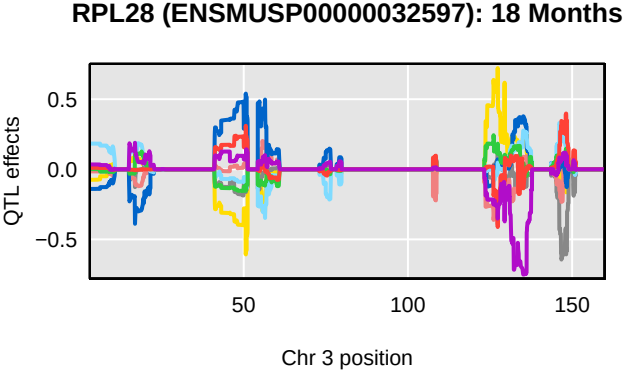

RPL28 (ENSMUSP00000032597) pQTL
6 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position


RPL28 (ENSMUSP00000032597): 6 Months
QTL effects
−1.0
−0.5
0.0
0.5
1.0
50
100
150
Chr 3 position

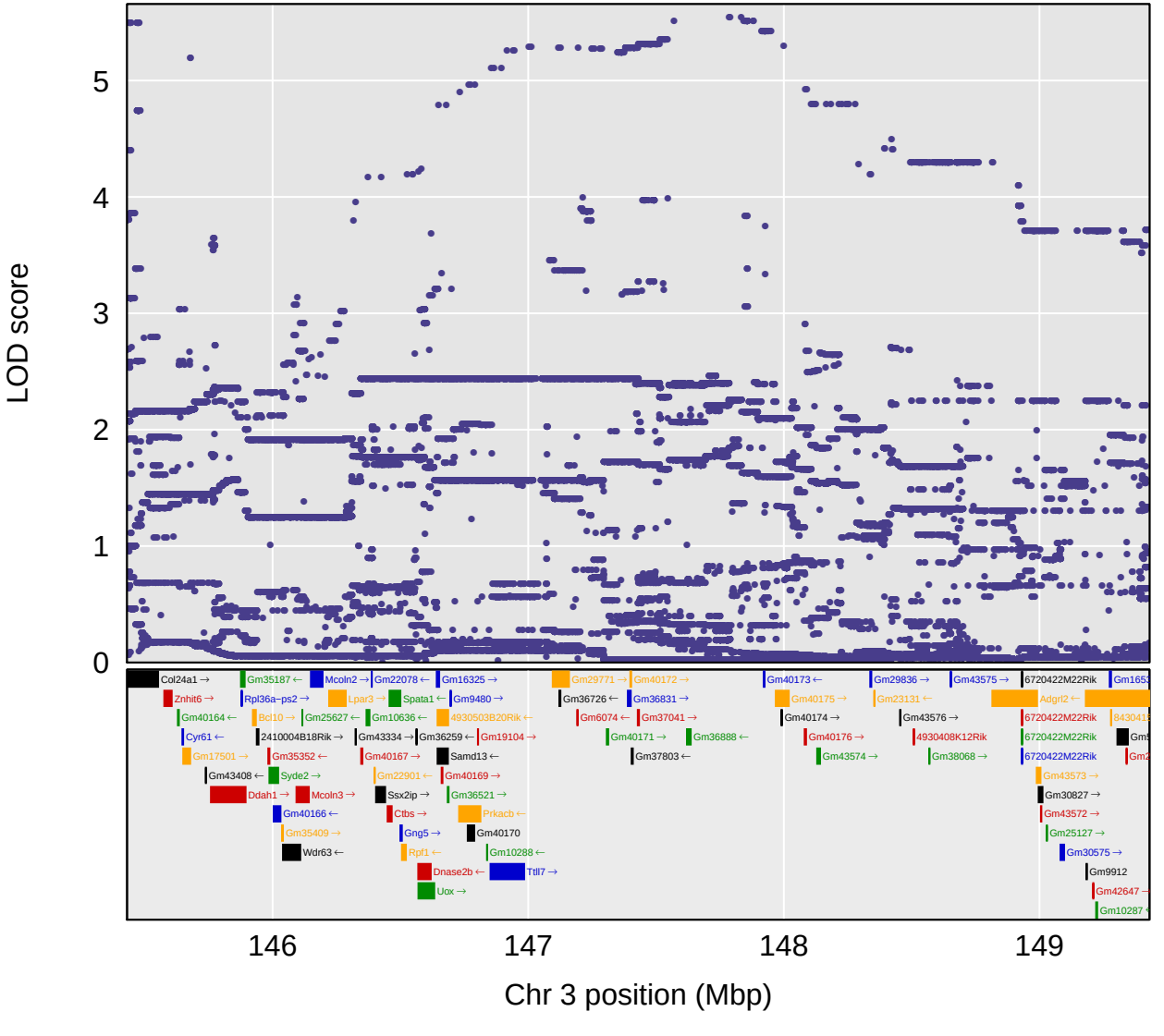

RPL28 (ENSMUSP00000032597) pQTL
12 Months
LOD score
0
1
2
3
4
5
50
100
150
Chr 3 position

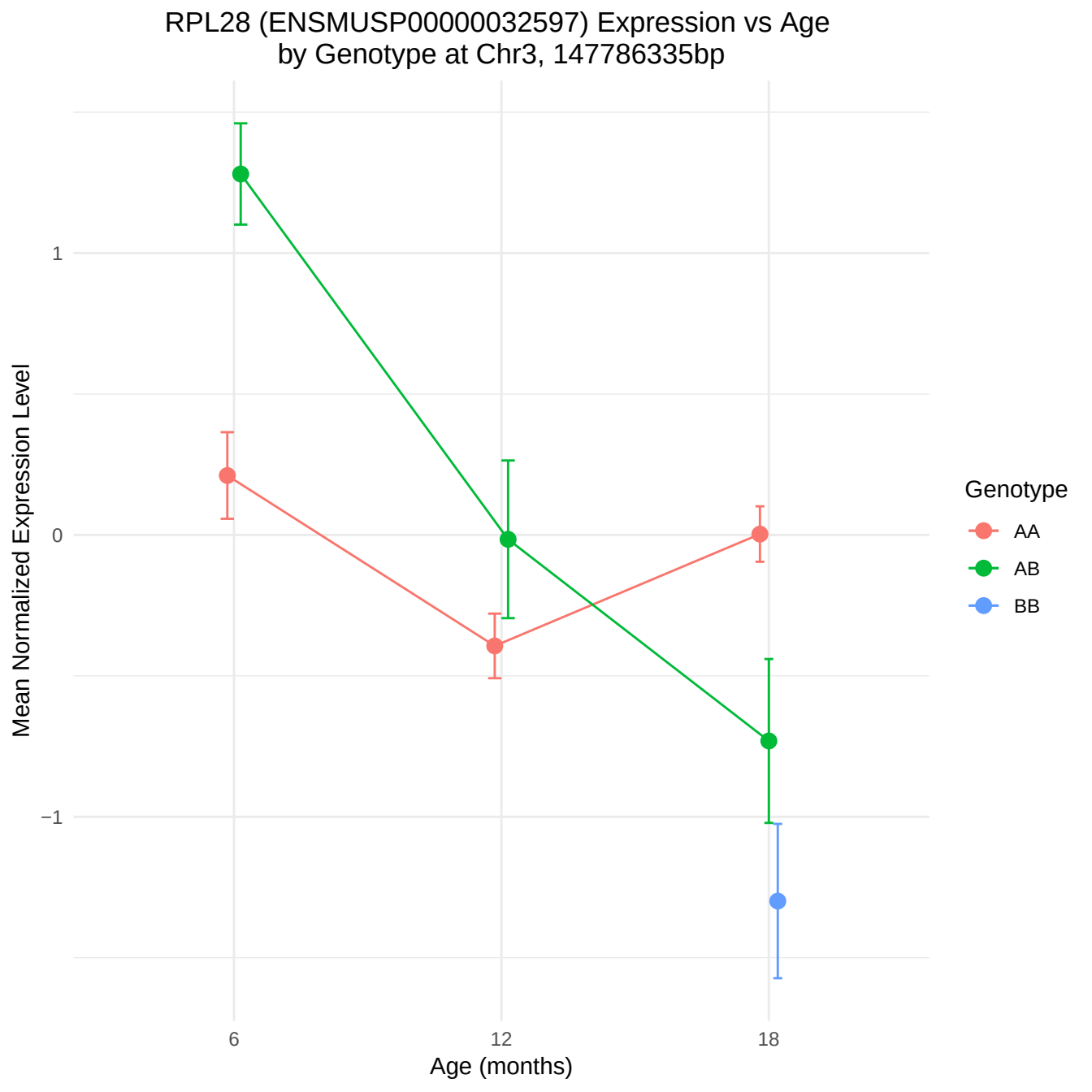

RPL28 (ENSMUSP00000032597): 12 Months
QTL effects
−1.0
−0.5
0.0
0.5
50
100
150
Chr 3 position

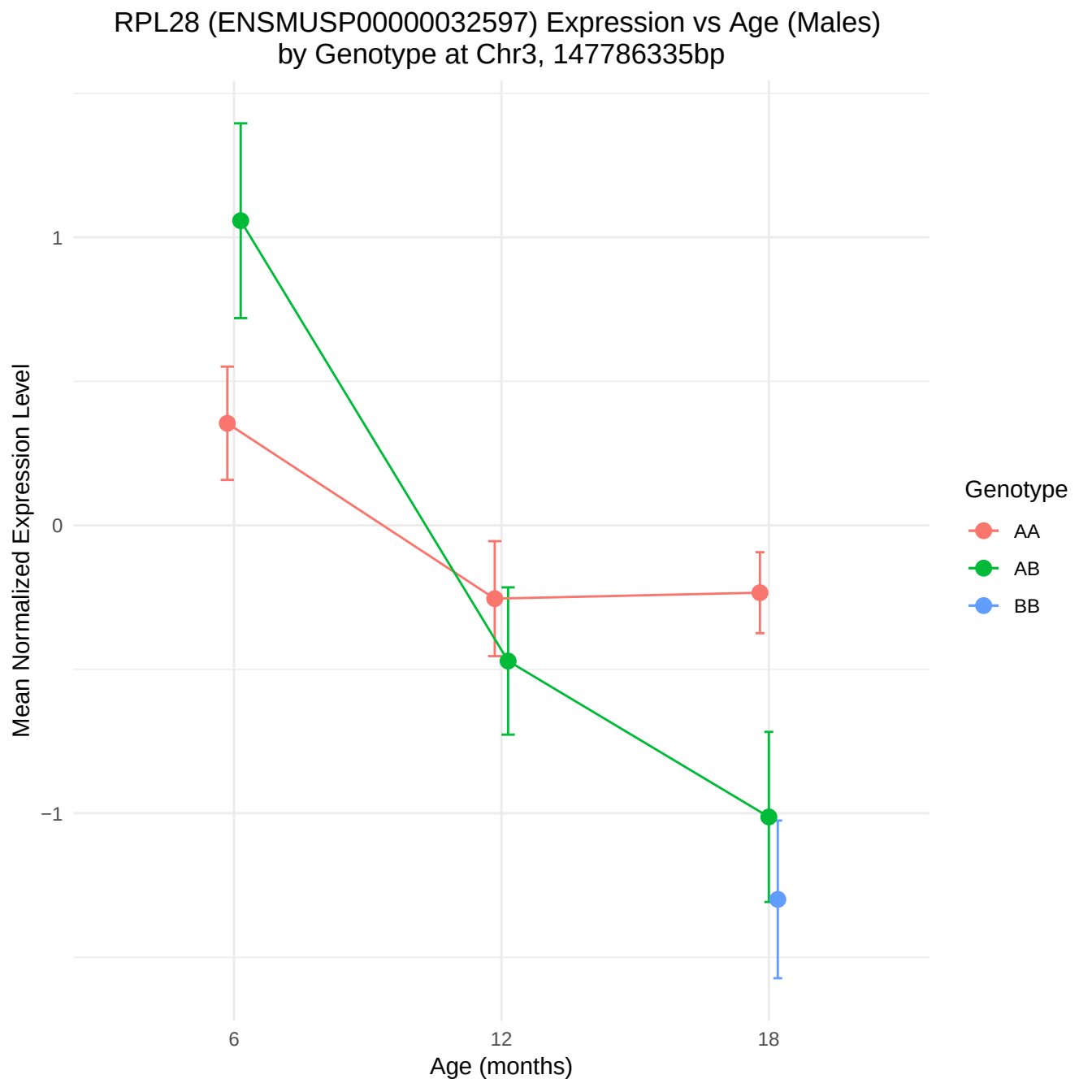

RPL28 (ENSMUSP00000032597) pQTL
18 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position

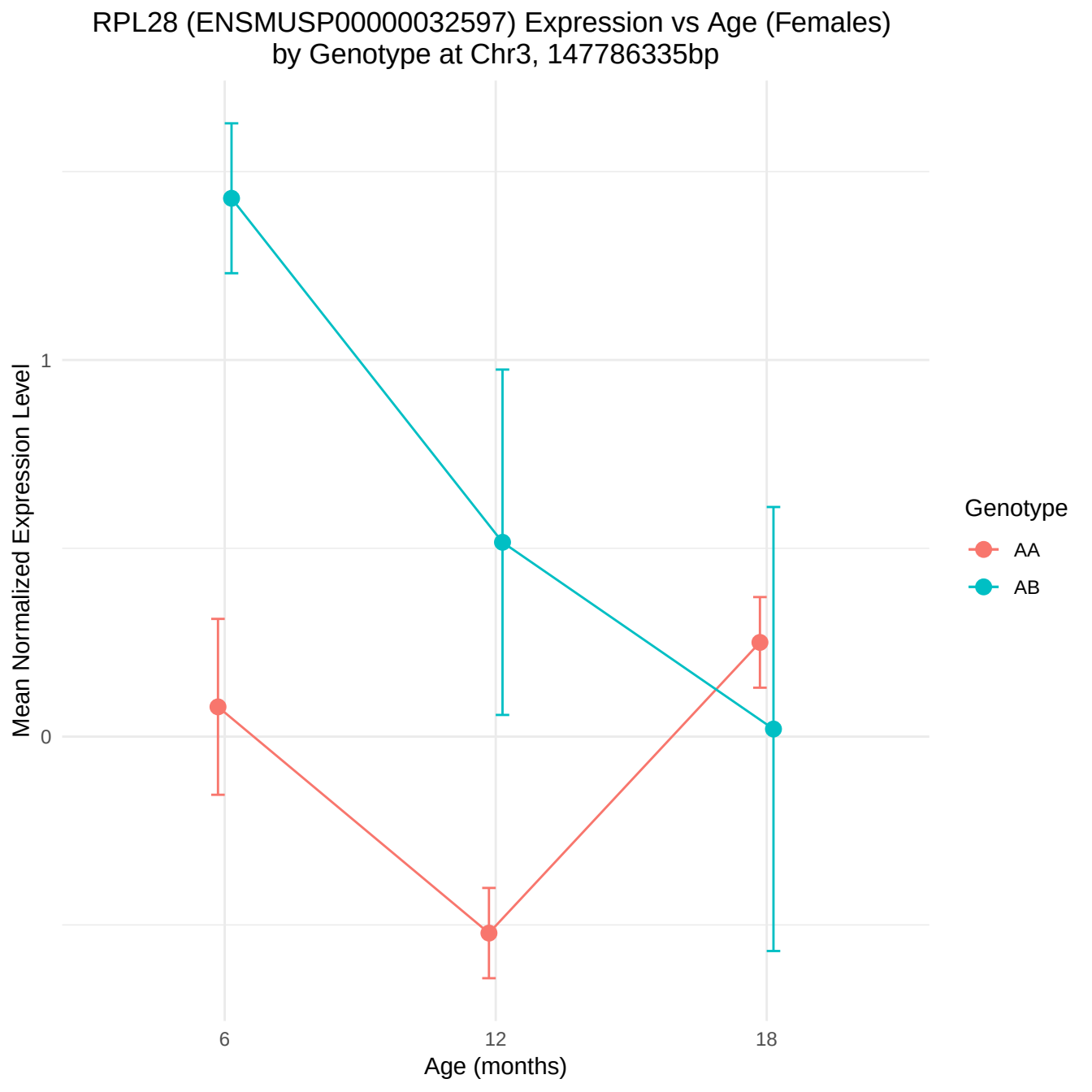

RPL28 (ENSMUSP00000032597): 18 Months
QTL effects
−0.5
0.0
0.5
50
100
150
Chr 3 position

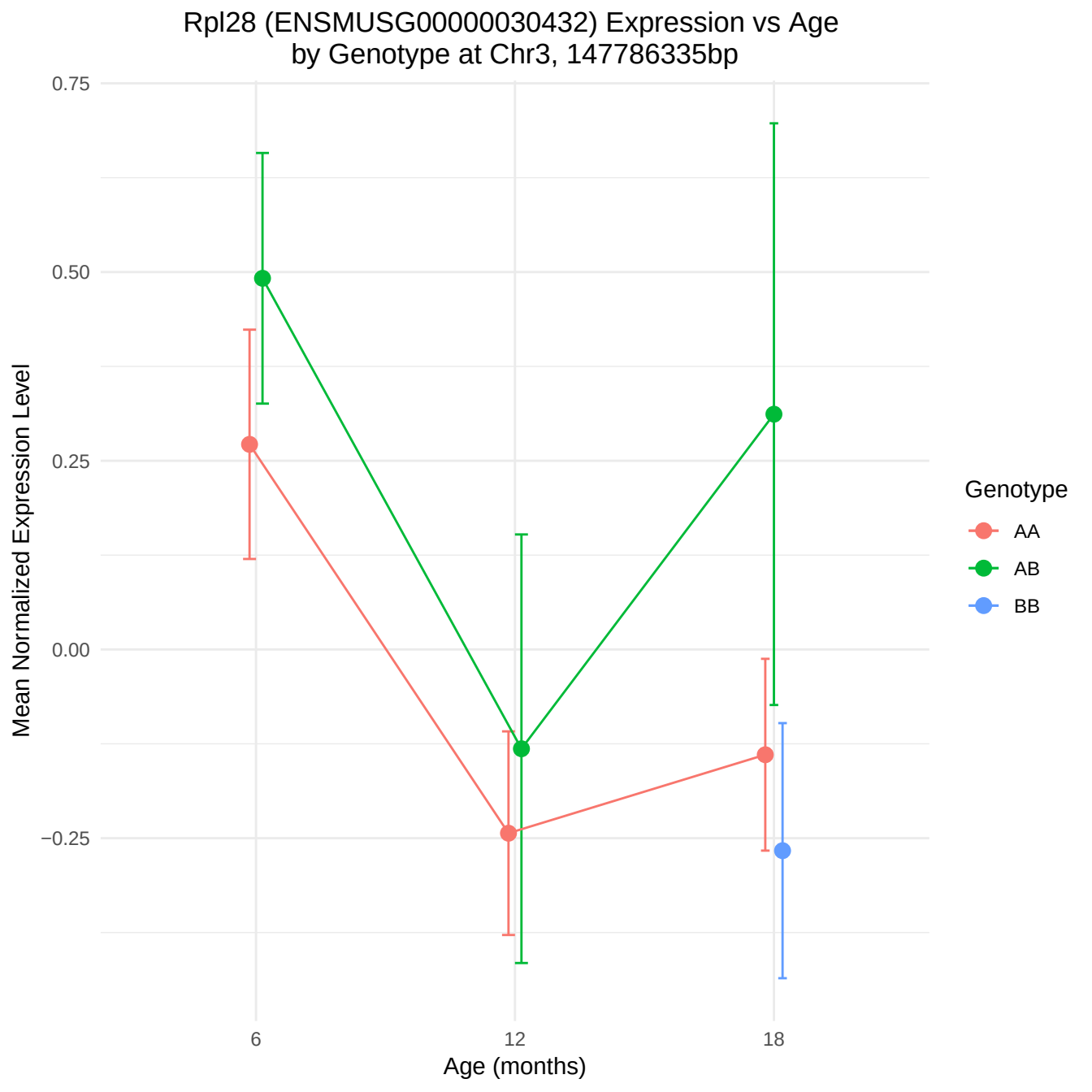
RPL28 (ENSMUSP00000032597) Expression
Interactive Covariate = Age

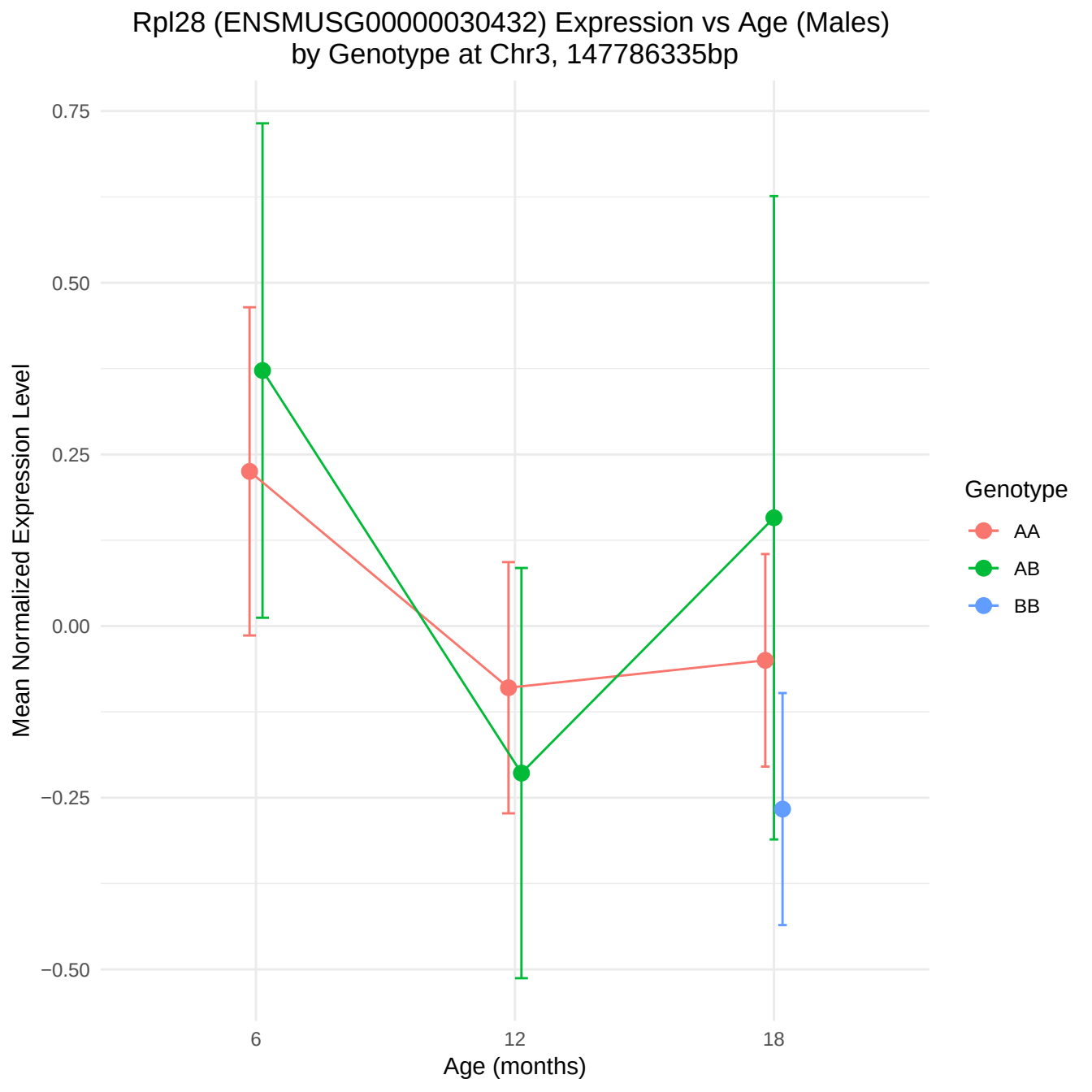


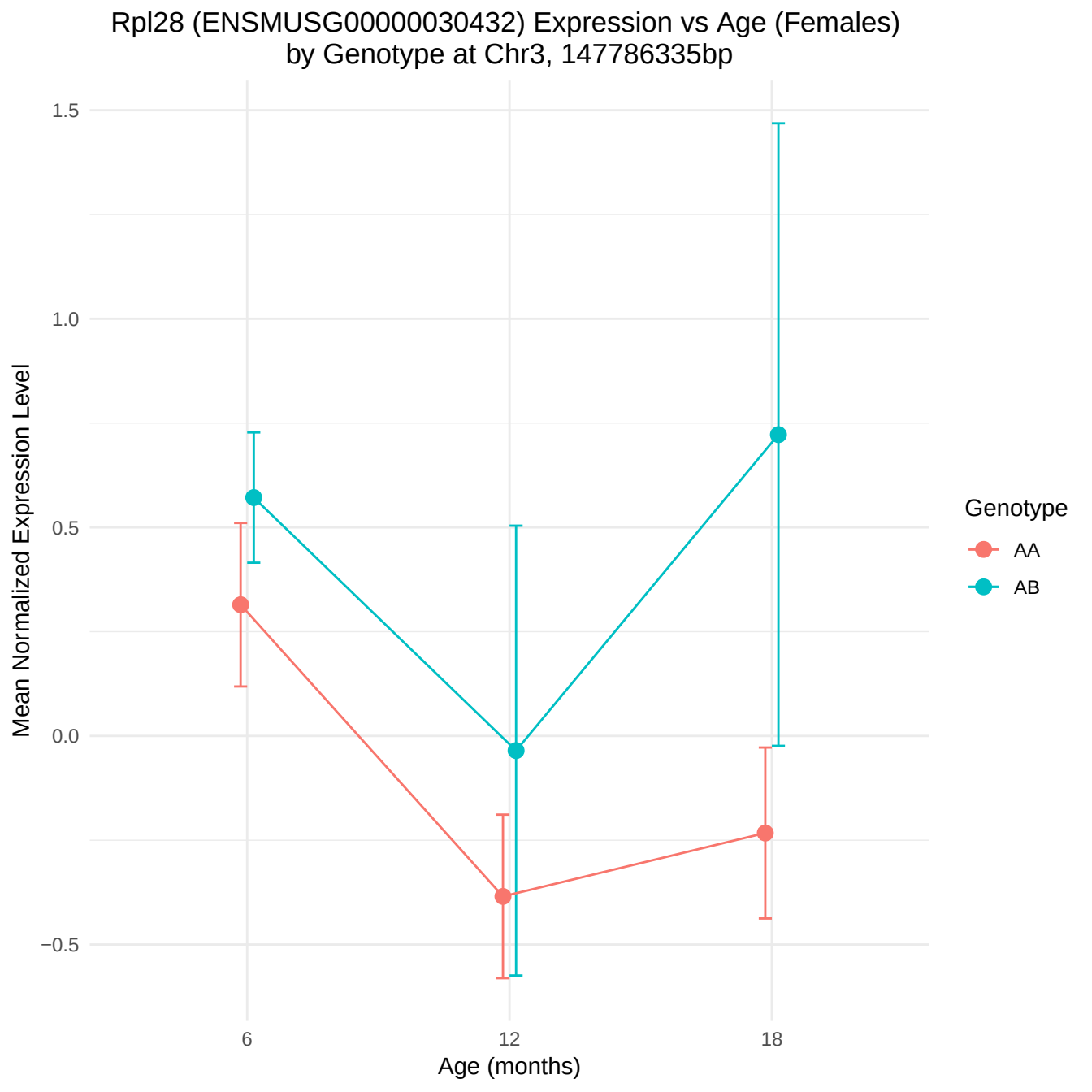

RPL28 (ENSMUSP00000032597) Expression vs Age
by Genotype at Chr3, 147786335bp
Mean Normalized Expression Level
1
0
−1
6
12
18
Age (months)
Genotype
AA
AB
BB

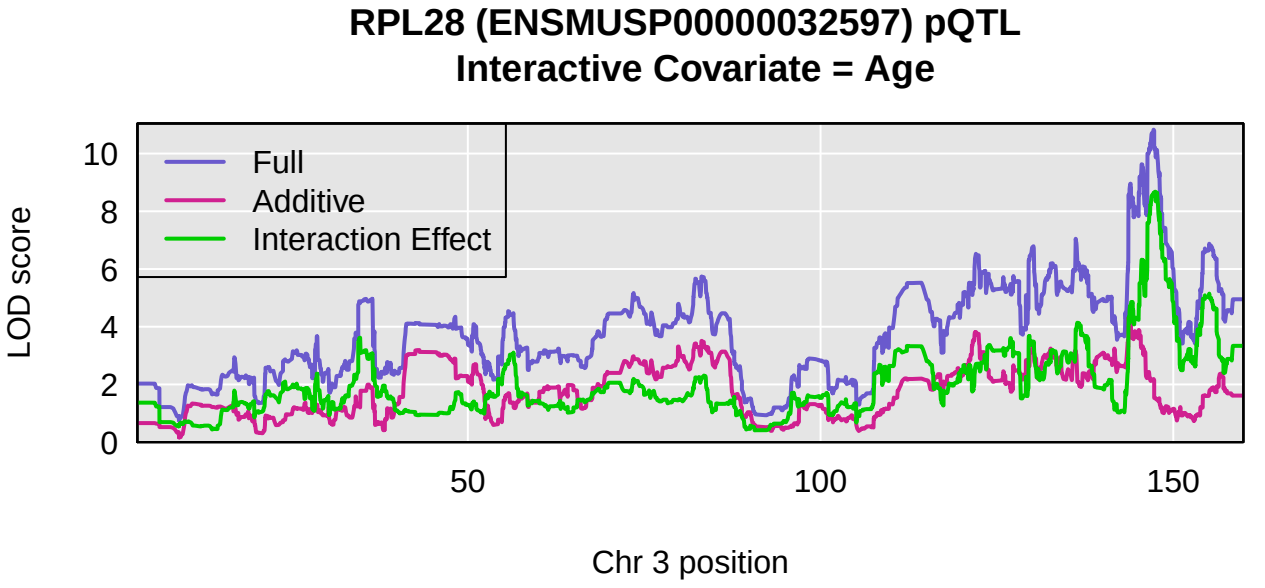

RPL28 (ENSMUSP00000032597) Expression vs Age (Males)
by Genotype at Chr3, 147786335bp
Mean Normalized Expression Level
1
0
−1
6
12
18
Age (months)
Genotype
AA
AB
BB

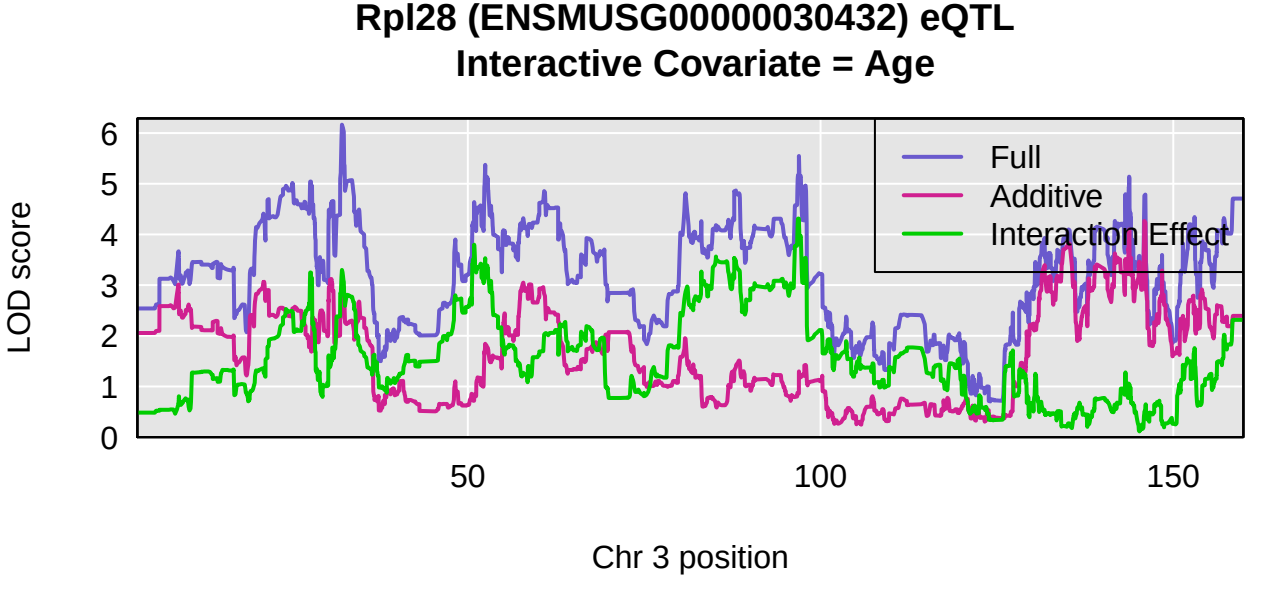

RPL28 (ENSMUSP00000032597) Expression vs Age (Females)
by Genotype at Chr3, 147786335bp
Mean Normalized Expression Level
1
0
6
12
18
Age (months)
Genotype
AA
AB


Rpl28 (ENSMUSG00000030432) Expression vs Age
by Genotype at Chr3, 147786335bp
Mean Normalized Expression Level
0.75
0.50
0.25
0.00
−0.25
6
12
18
Age (months)
Genotype
AA
AB
BB


Rpl28 (ENSMUSG00000030432) Expression vs Age (Males)
by Genotype at Chr3, 147786335bp
Mean Normalized Expression Level
0.75
0.50
0.25
0.00
−0.25
−0.50
6
12
18
Age (months)
Genotype
AA
AB
BB


Rpl28 (ENSMUSG00000030432) Expression vs Age (Females)
by Genotype at Chr3, 147786335bp
Mean Normalized Expression Level
1.5
1.0
0.5
0.0
−0.5
6
12
18
Age (months)
Genotype
AA
AB


RPL28 (ENSMUSP00000032597) pQTL
Interactive Covariate = Age
LOD score
Full
Additive
Interaction Effect
0
2
4
6
8
10
50
100
150
Chr 3 position


Rpl28 (ENSMUSG00000030432) eQTL
Interactive Covariate = Age
LOD score
Full
Additive
Interaction Effect
0
1
2
3
4
5
6
50
100
150
Chr 3 position