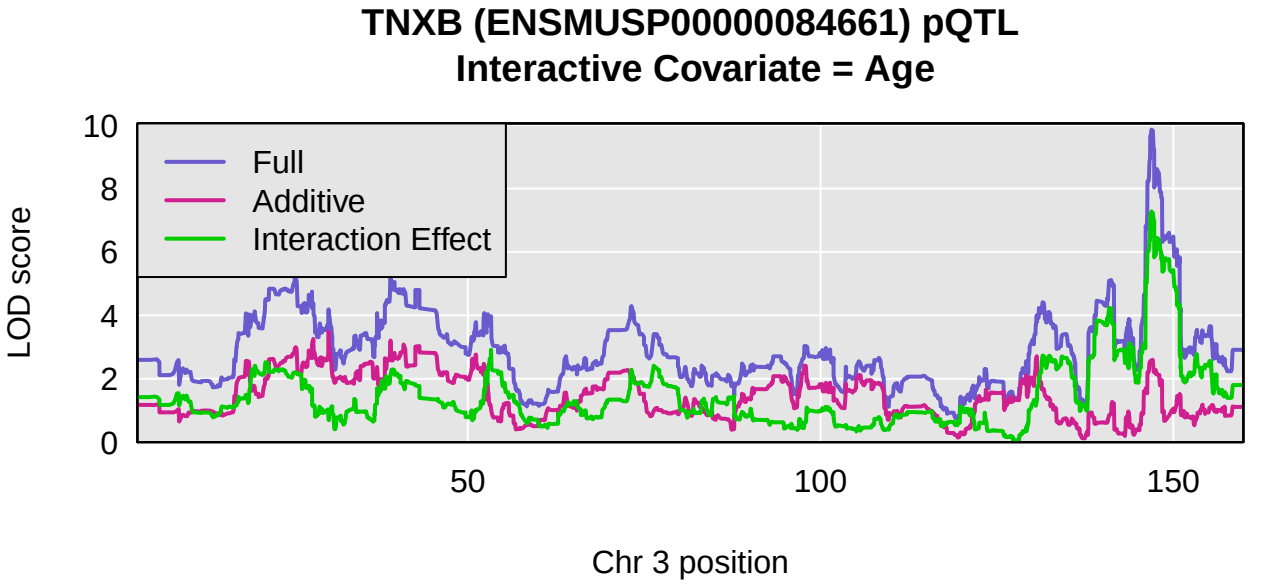
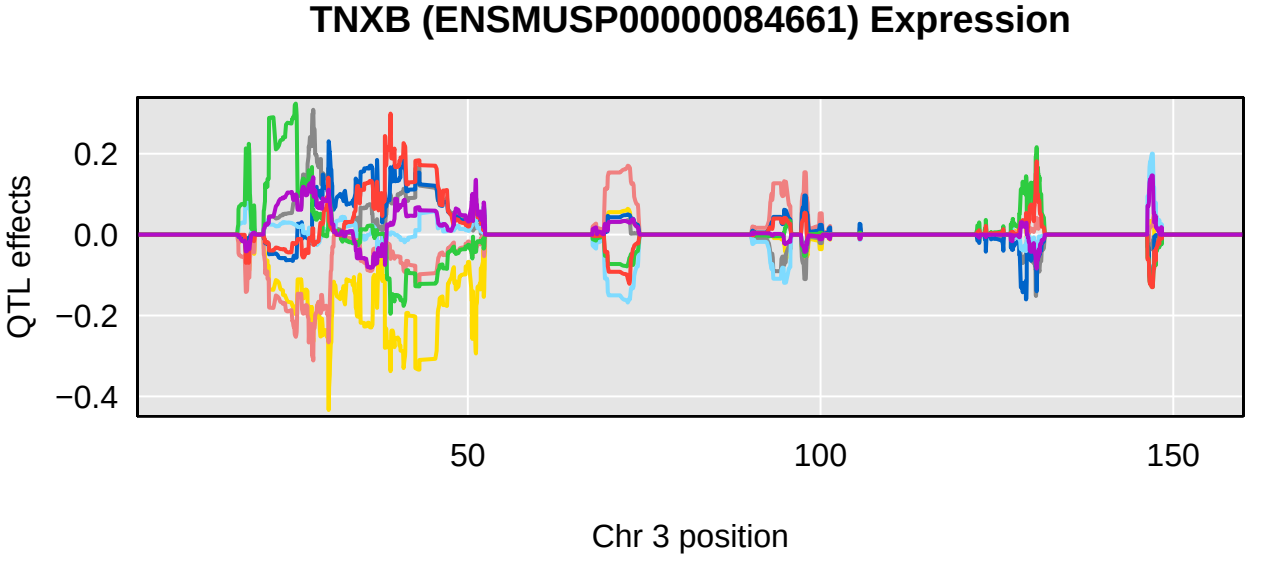
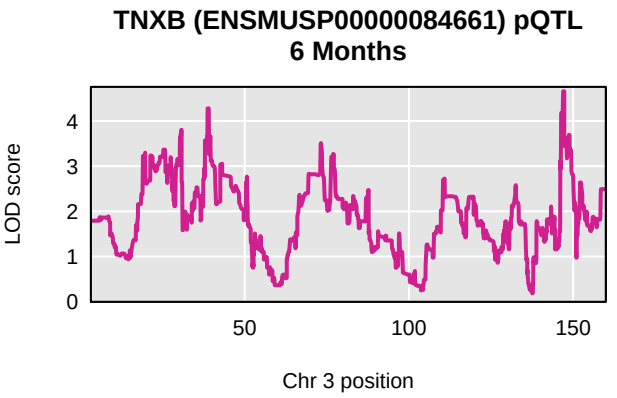
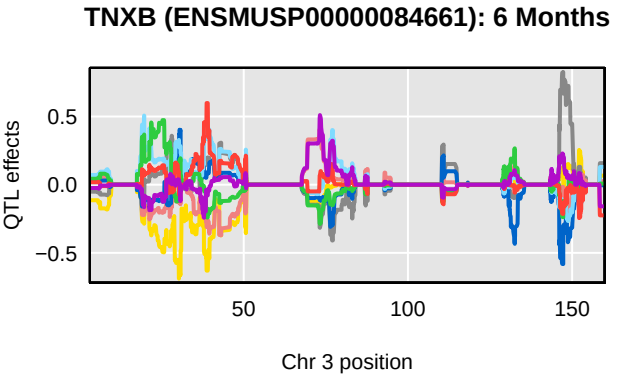
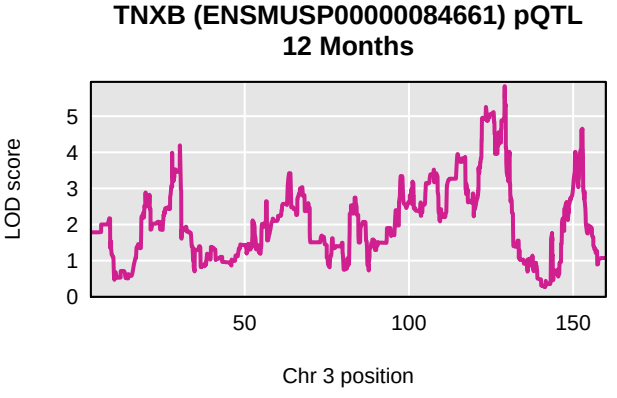
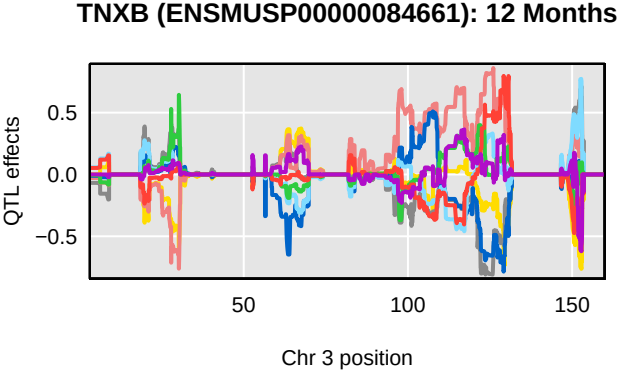

TNXB (ENSMUSP00000084661) pQTL
Interactive Covariate = Age
LOD score
10
8
6
4
2
0
Full
Additive
Interaction Effect
50
100
150
Chr 3 position

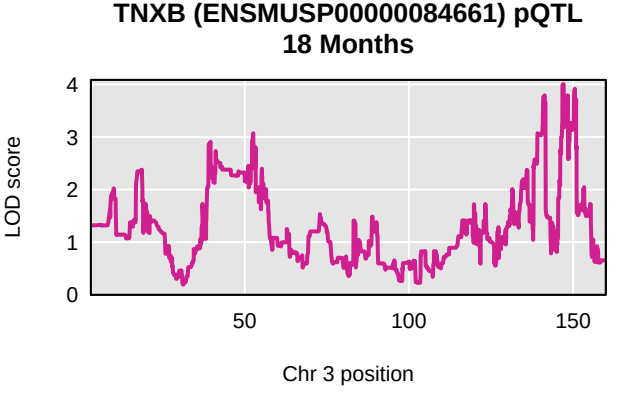

TNXB (ENSMUSP00000084661) Expression
QTL effects
0.2
0.0
−0.2
−0.4
50
100
150
Chr 3 position

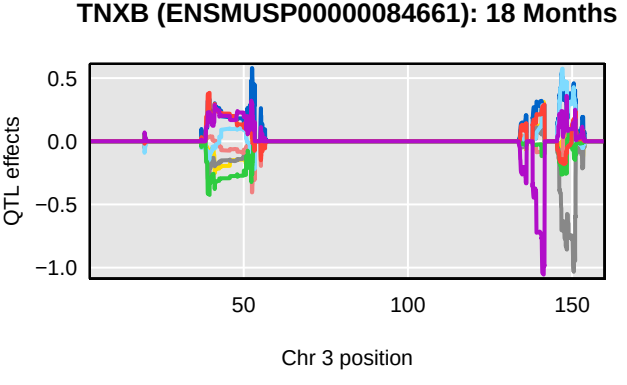

TNXB (ENSMUSP00000084661) pQTL
6 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position


TNXB (ENSMUSP00000084661): 6 Months
QTL effects
−0.5
0.0
0.5
50
100
150
Chr 3 position

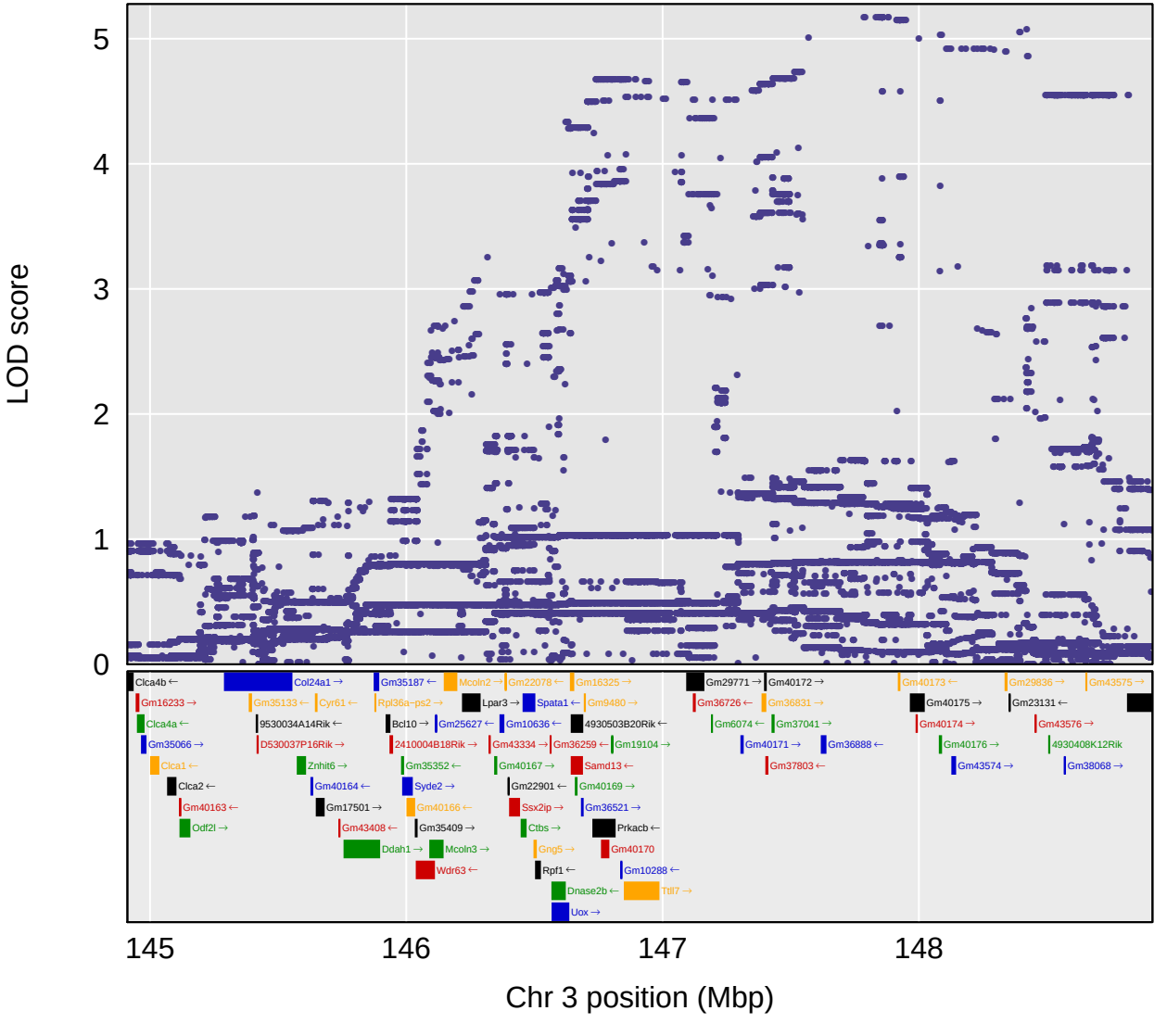

TNXB (ENSMUSP00000084661) pQTL
12 Months
LOD score
0
1
2
3
4
5
50
100
150
Chr 3 position

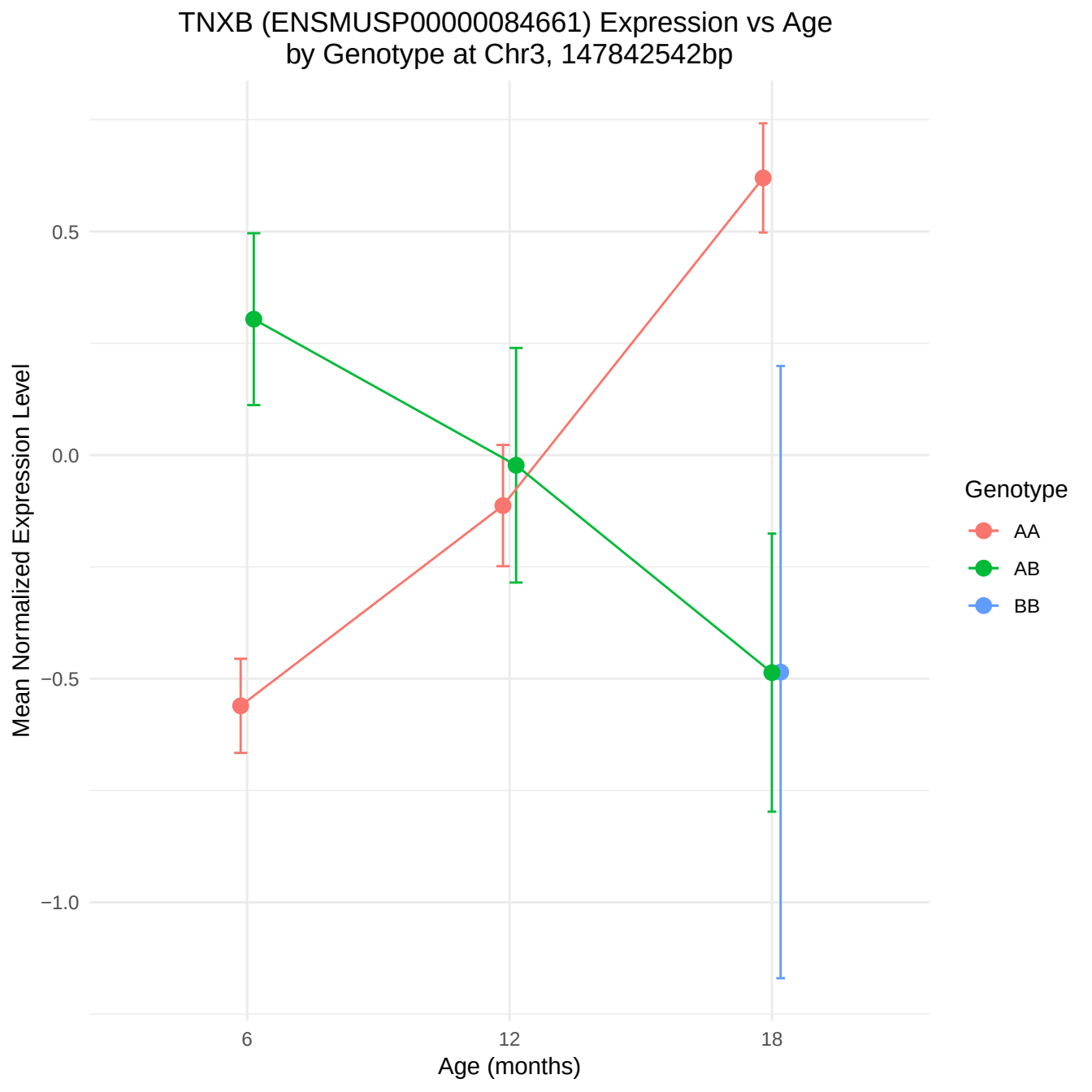

TNXB (ENSMUSP00000084661): 12 Months
QTL effects
−0.5
0.0
0.5
50
100
150
Chr 3 position

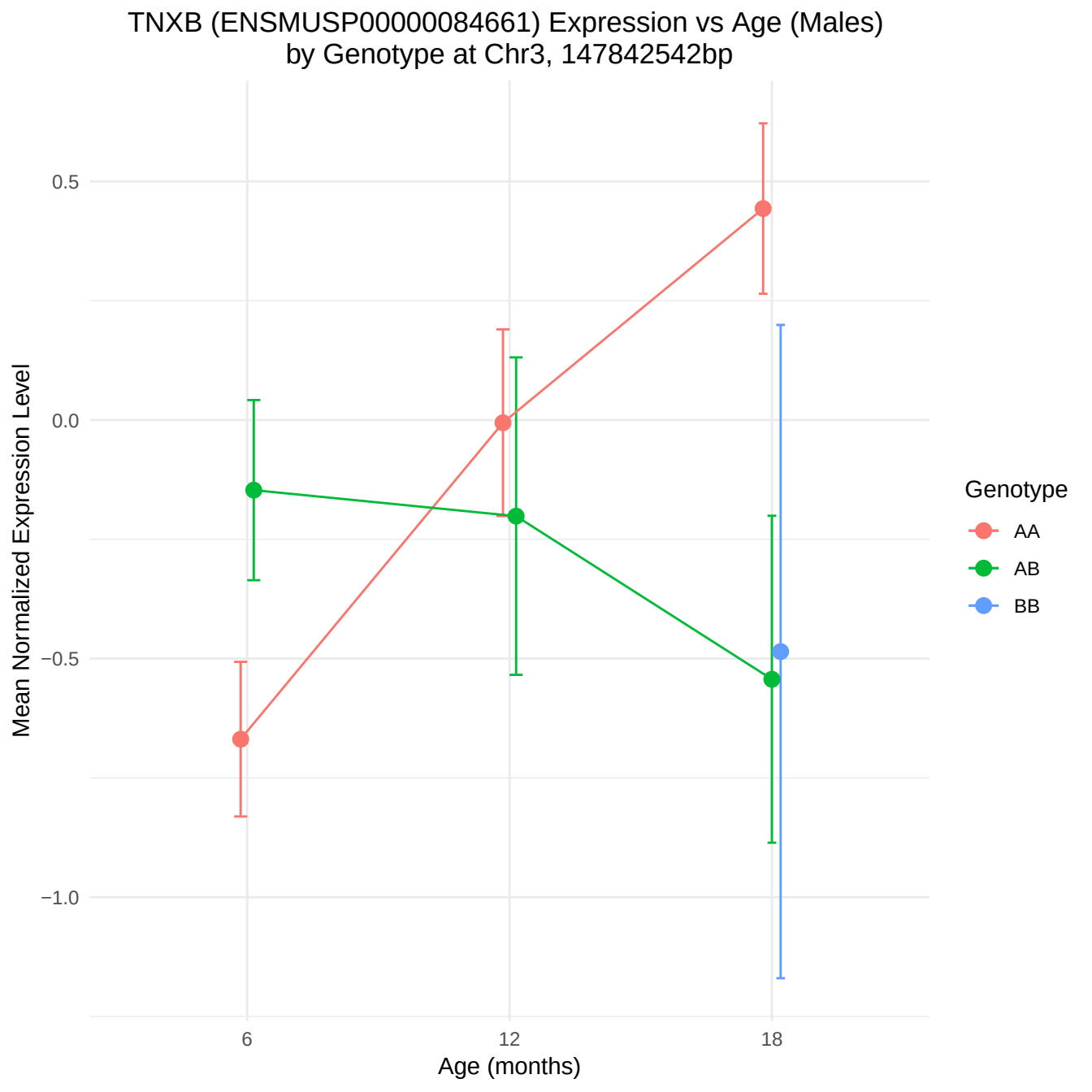

TNXB (ENSMUSP00000084661) pQTL
18 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position

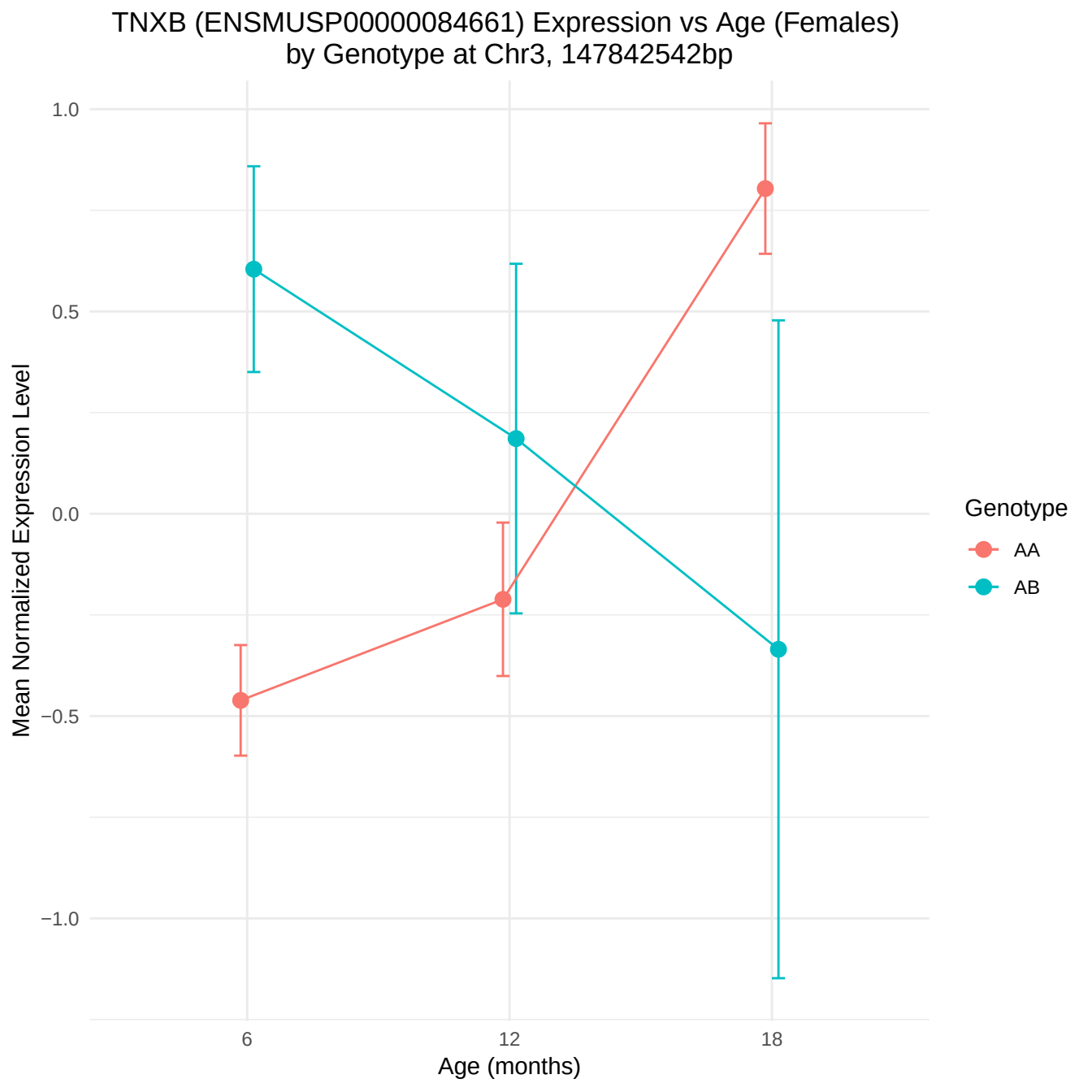

TNXB (ENSMUSP00000084661): 18 Months
QTL effects
−1.0
−0.5
0.0
0.5
50
100
150
Chr 3 position

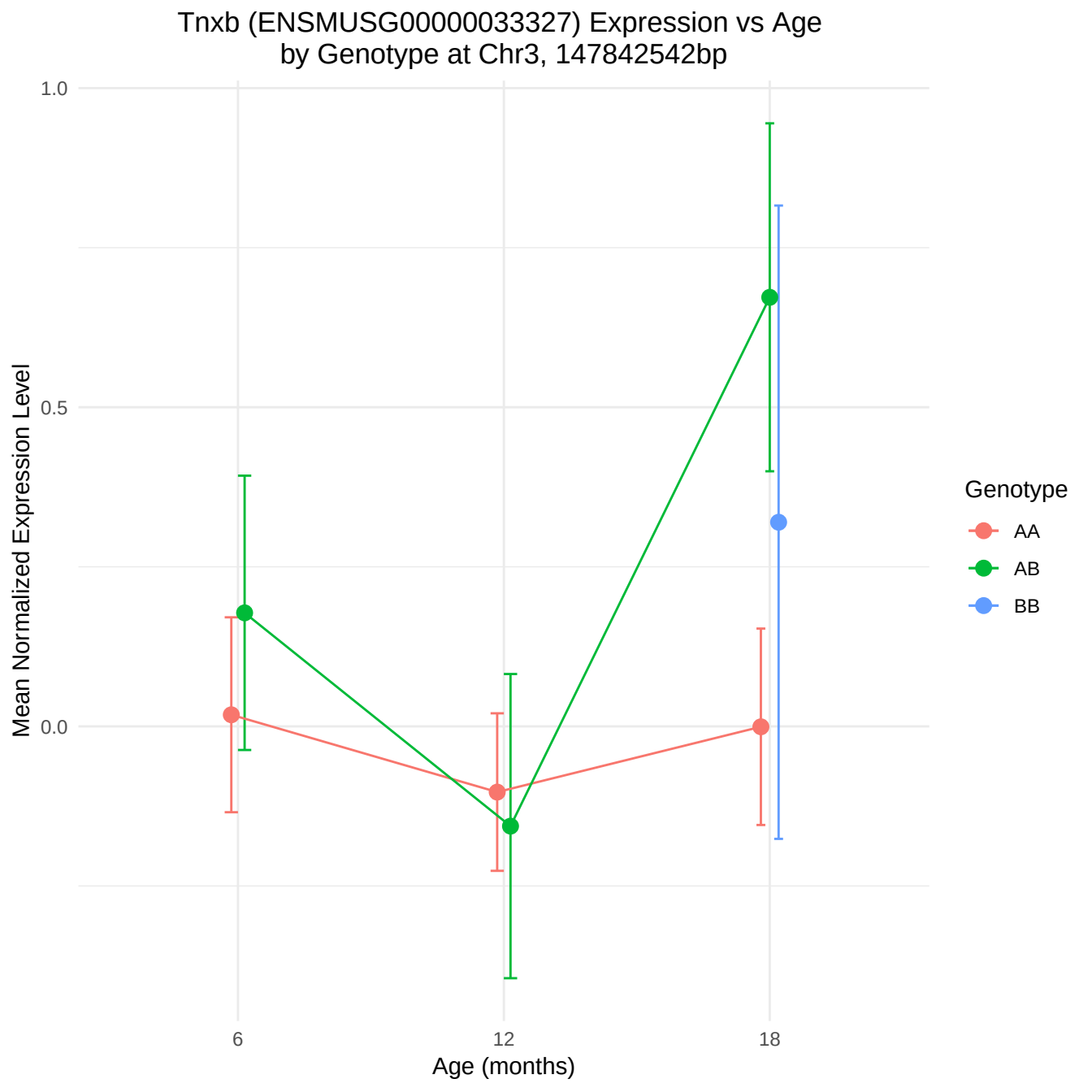
TNXB (ENSMUSP00000084661) Expression
Interactive Covariate = Age

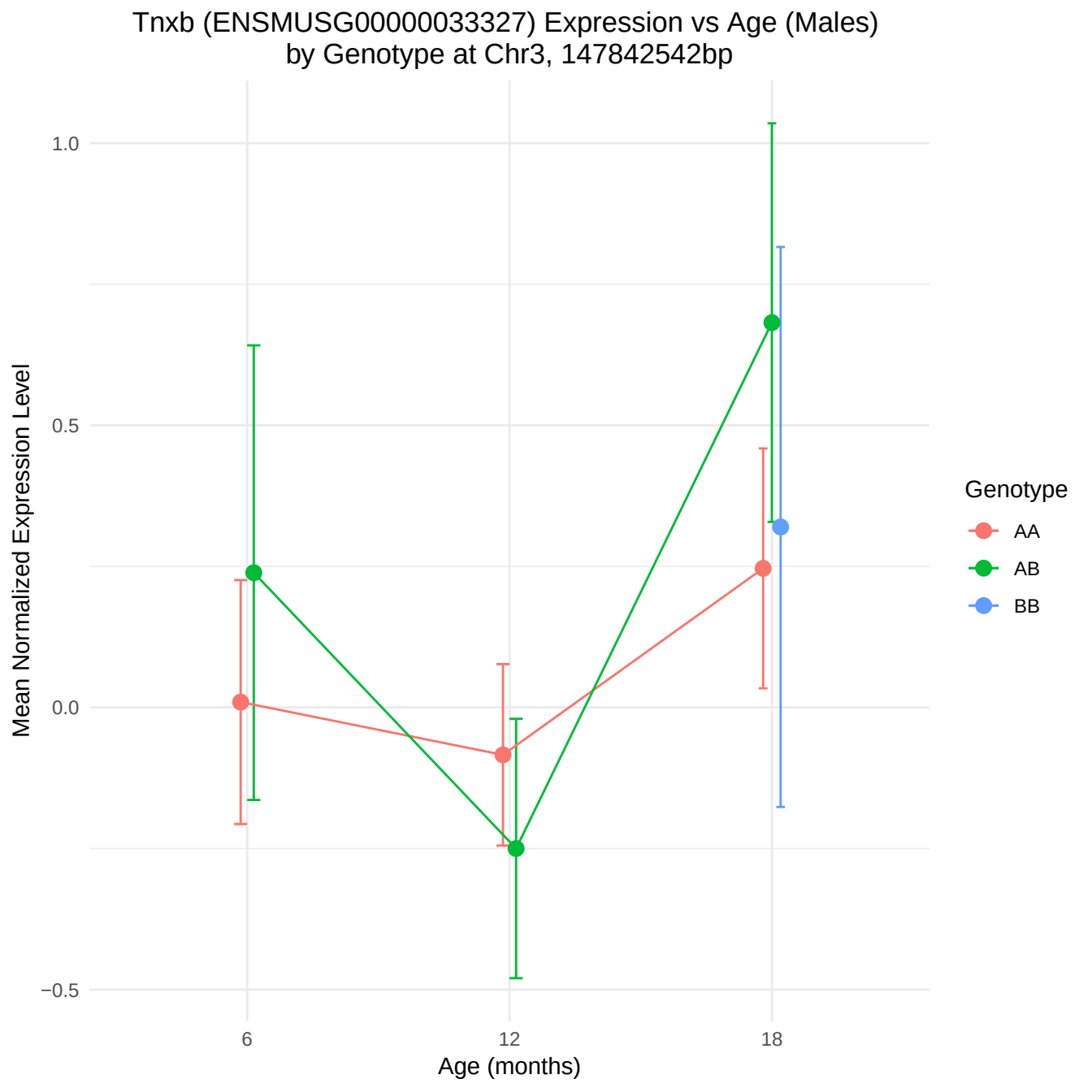


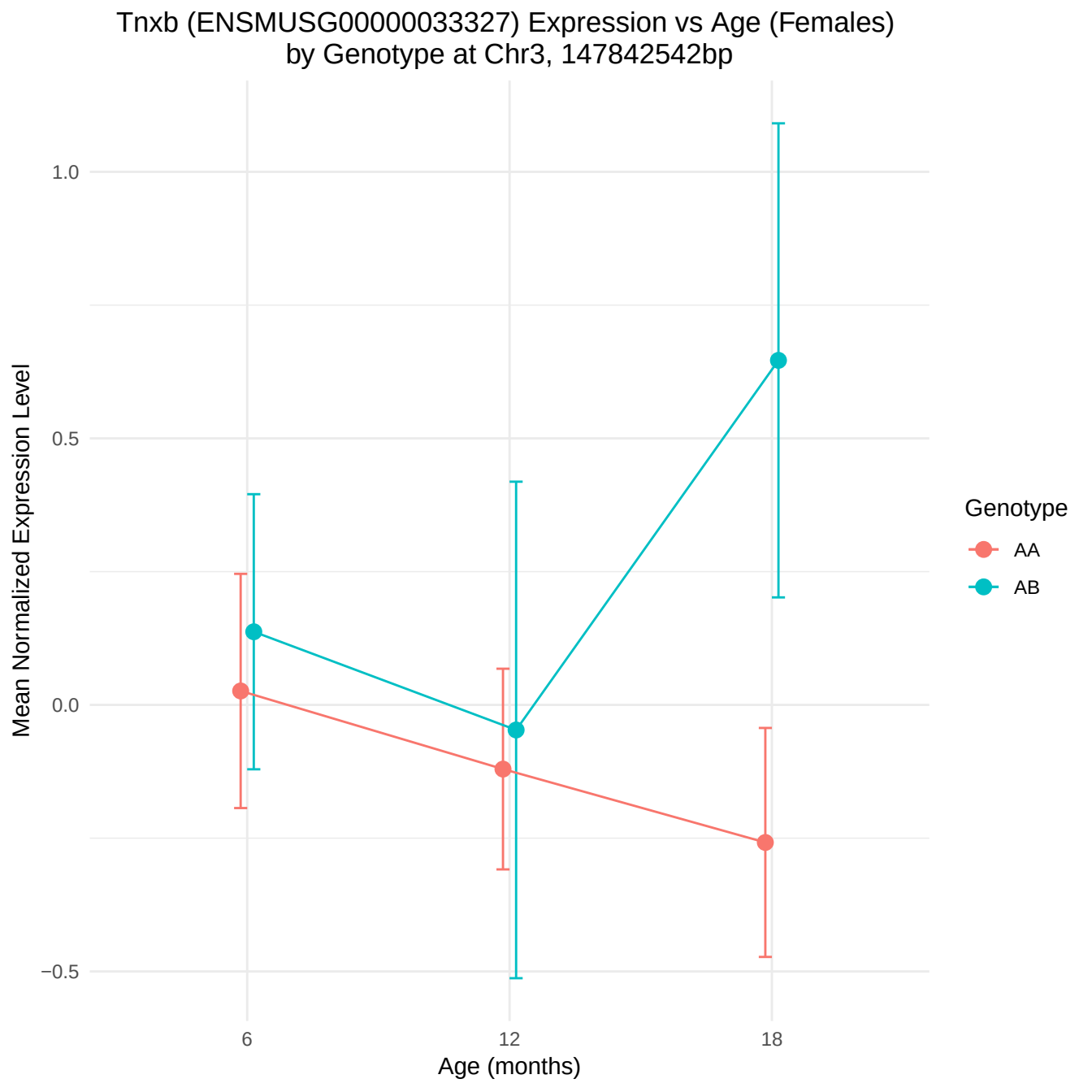

TNXB (ENSMUSP00000084661) Expression vs Age
by Genotype at Chr3, 147842542bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB

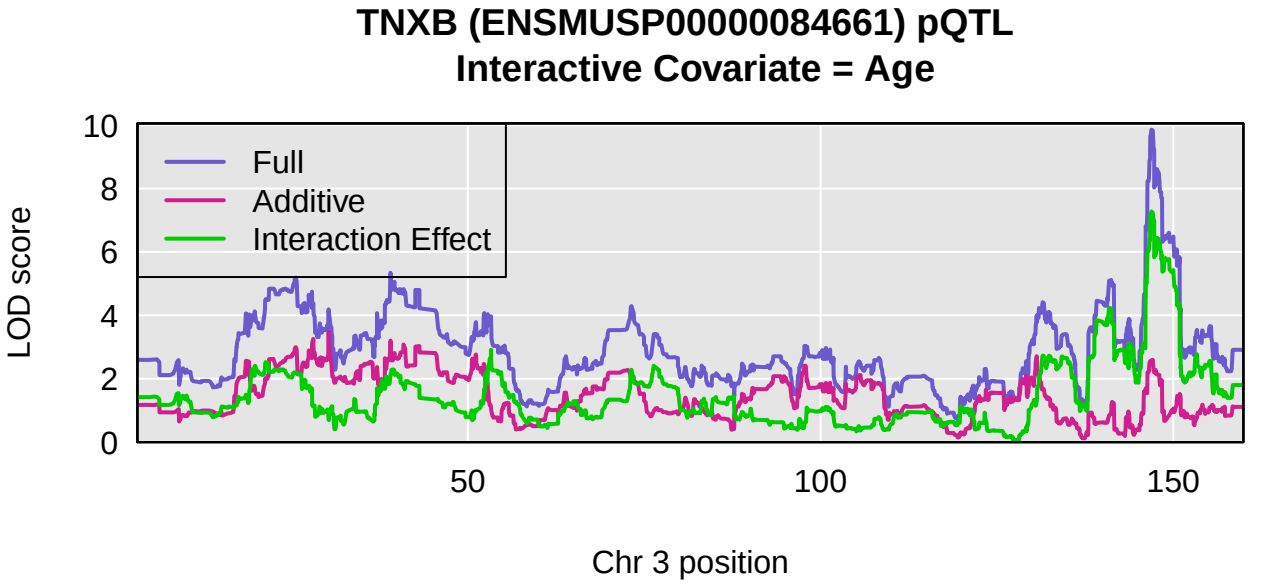

TNXB (ENSMUSP00000084661) Expression vs Age (Males)
by Genotype at Chr3, 147842542bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB

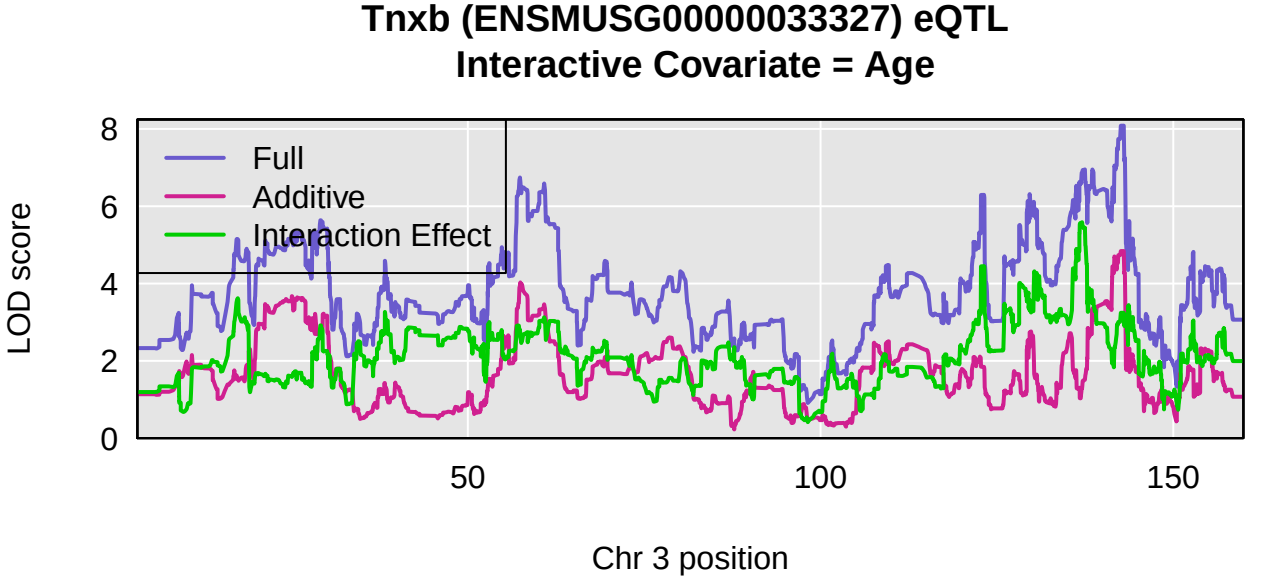

TNXB (ENSMUSP00000084661) Expression vs Age (Females)
by Genotype at Chr3, 147842542bp
Mean Normalized Expression Level
1.0
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB


Tnxb (ENSMUSG00000033327) Expression vs Age
by Genotype at Chr3, 147842542bp
Mean Normalized Expression Level
1.0
0.5
0.0
6
12
18
Age (months)
Genotype
AA
AB
BB


Tnxb (ENSMUSG00000033327) Expression vs Age (Males)
by Genotype at Chr3, 147842542bp
Mean Normalized Expression Level
1.0
0.5
0.0
−0.5
6
12
18
Age (months)
Genotype
AA
AB
BB


Tnxb (ENSMUSG00000033327) Expression vs Age (Females)
by Genotype at Chr3, 147842542bp
Mean Normalized Expression Level
1.0
0.5
0.0
−0.5
6
12
18
Age (months)
Genotype
AA
AB


TNXB (ENSMUSP00000084661) pQTL
Interactive Covariate = Age
LOD score
10
8
6
4
2
0
Full
Additive
Interaction Effect
50
100
150
Chr 3 position


Tnxb (ENSMUSG00000033327) eQTL
Interactive Covariate = Age
LOD score
8
6
4
2
0
Full
Additive
Interaction Effect
50
100
150
Chr 3 position