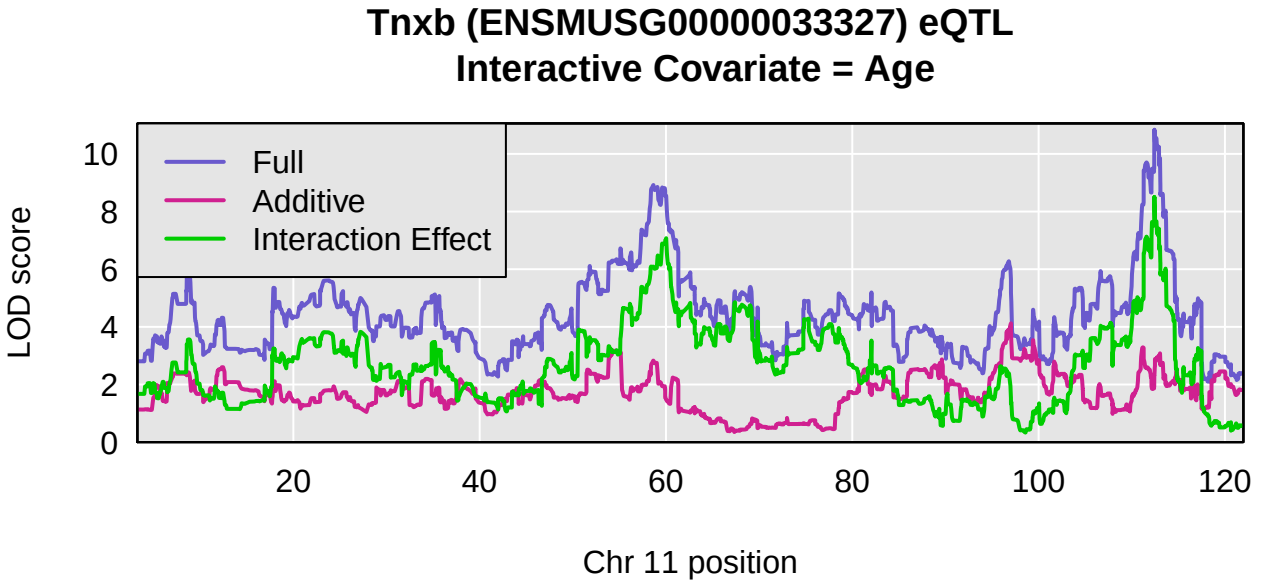
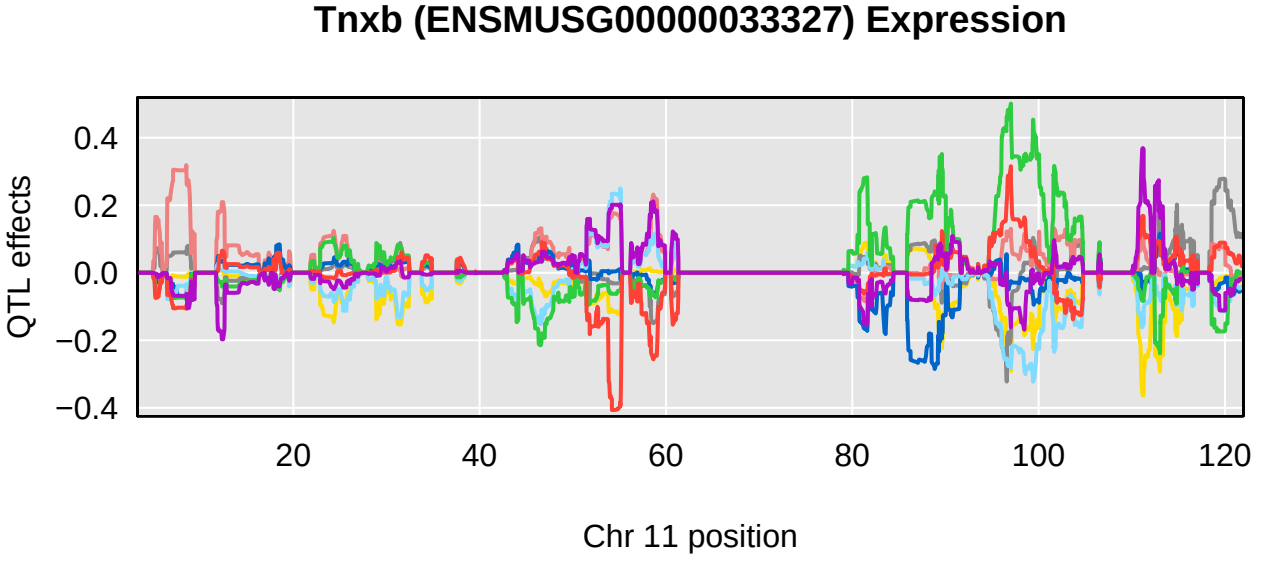
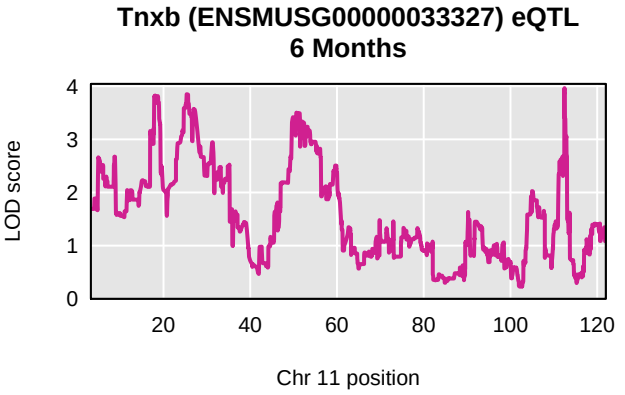
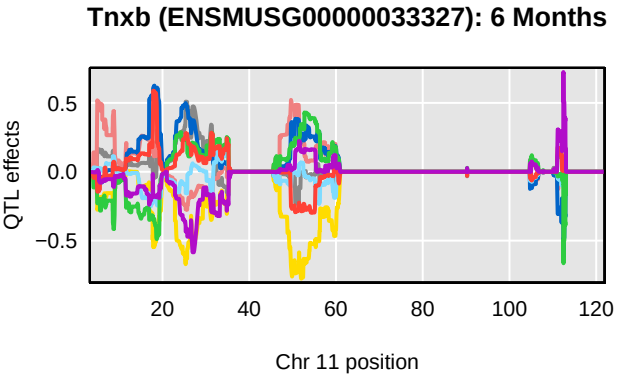
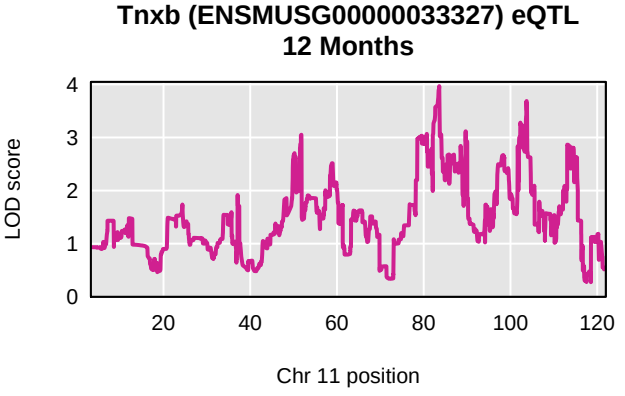
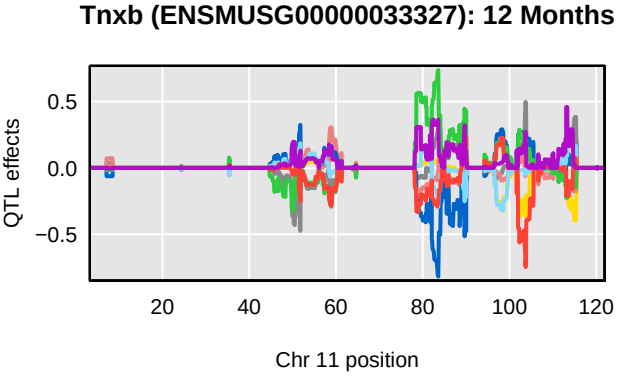

Tnxb (ENSMUSG00000033327) eQTL
Interactive Covariate = Age
Full
Additive
Interaction Effect
LOD score
10
8
6
4
2
0
20
40
60
80
100
120
Chr 11 position

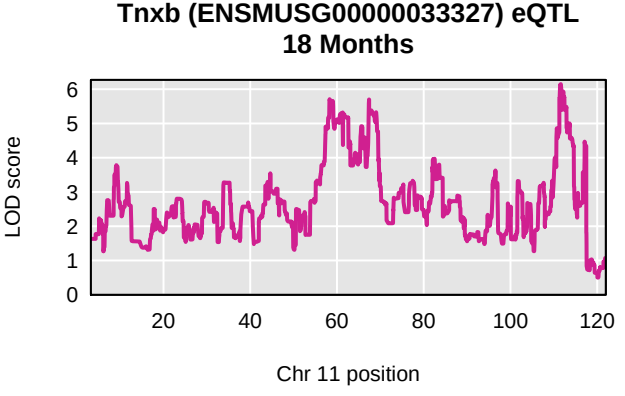

Tnxb (ENSMUSG00000033327) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
20
40
60
80
100
120
Chr 11 position

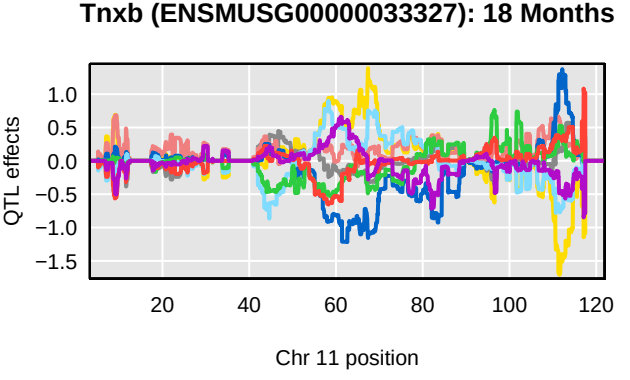

Tnxb (ENSMUSG00000033327) eQTL
6 Months
LOD score
0
1
2
3
4
20
40
60
80
100
120
Chr 11 position

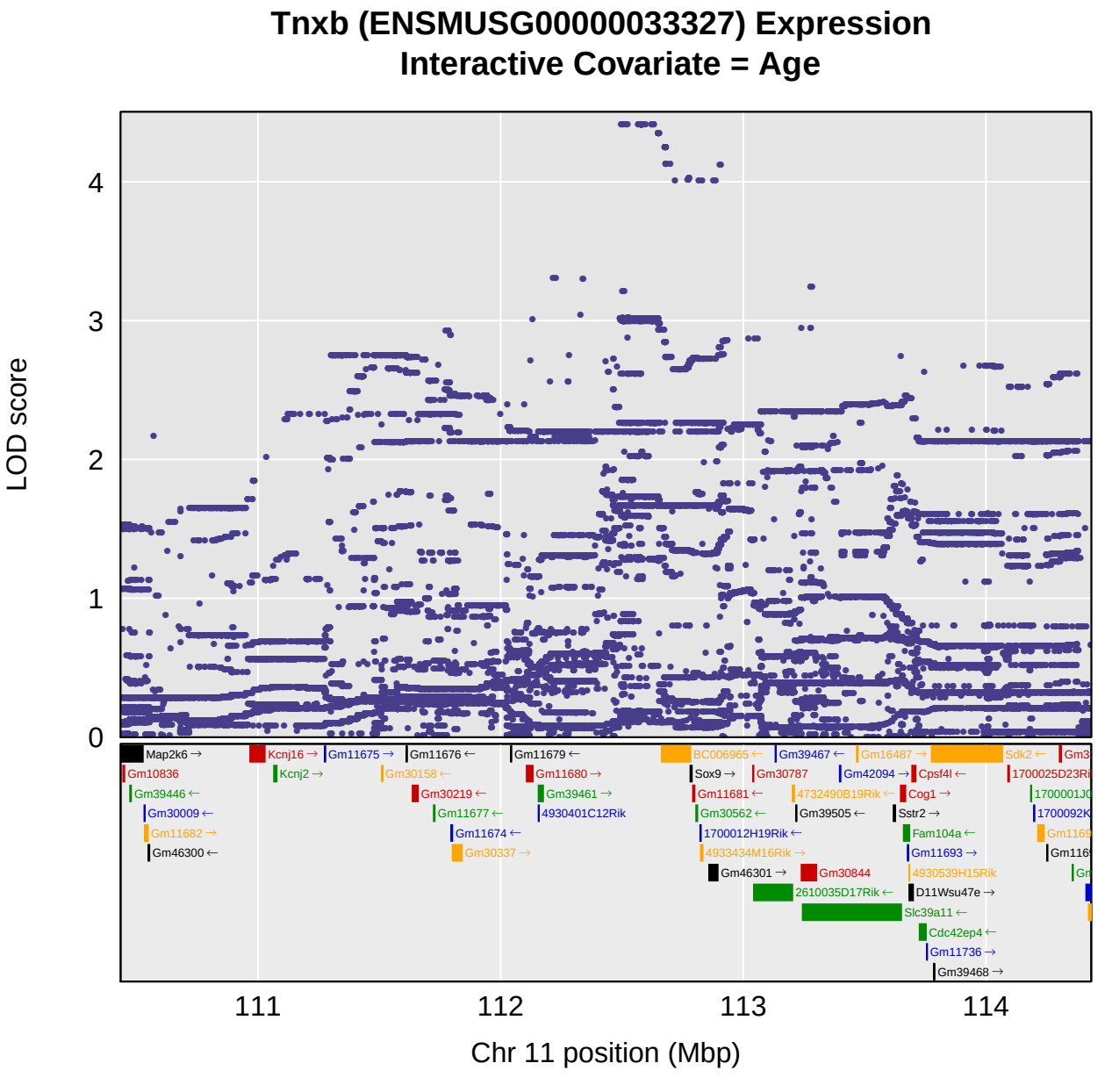

Tnxb (ENSMUSG00000033327): 6 Months
QTL effects
−0.5
0.0
0.5
20
40
60
80
100
120
Chr 11 position

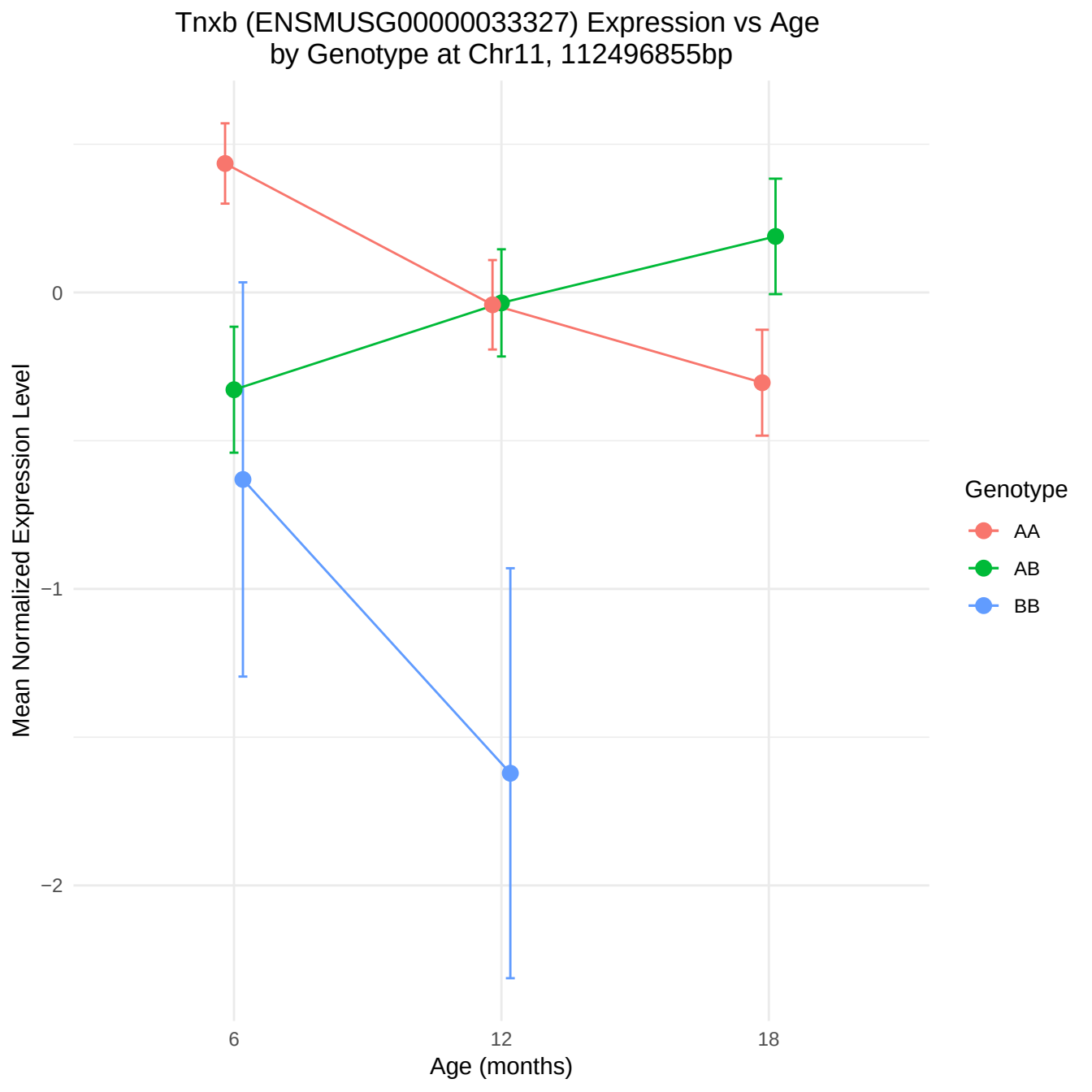

Tnxb (ENSMUSG00000033327) eQTL
12 Months
LOD score
0
1
2
3
4
20
40
60
80
100
120
Chr 11 position

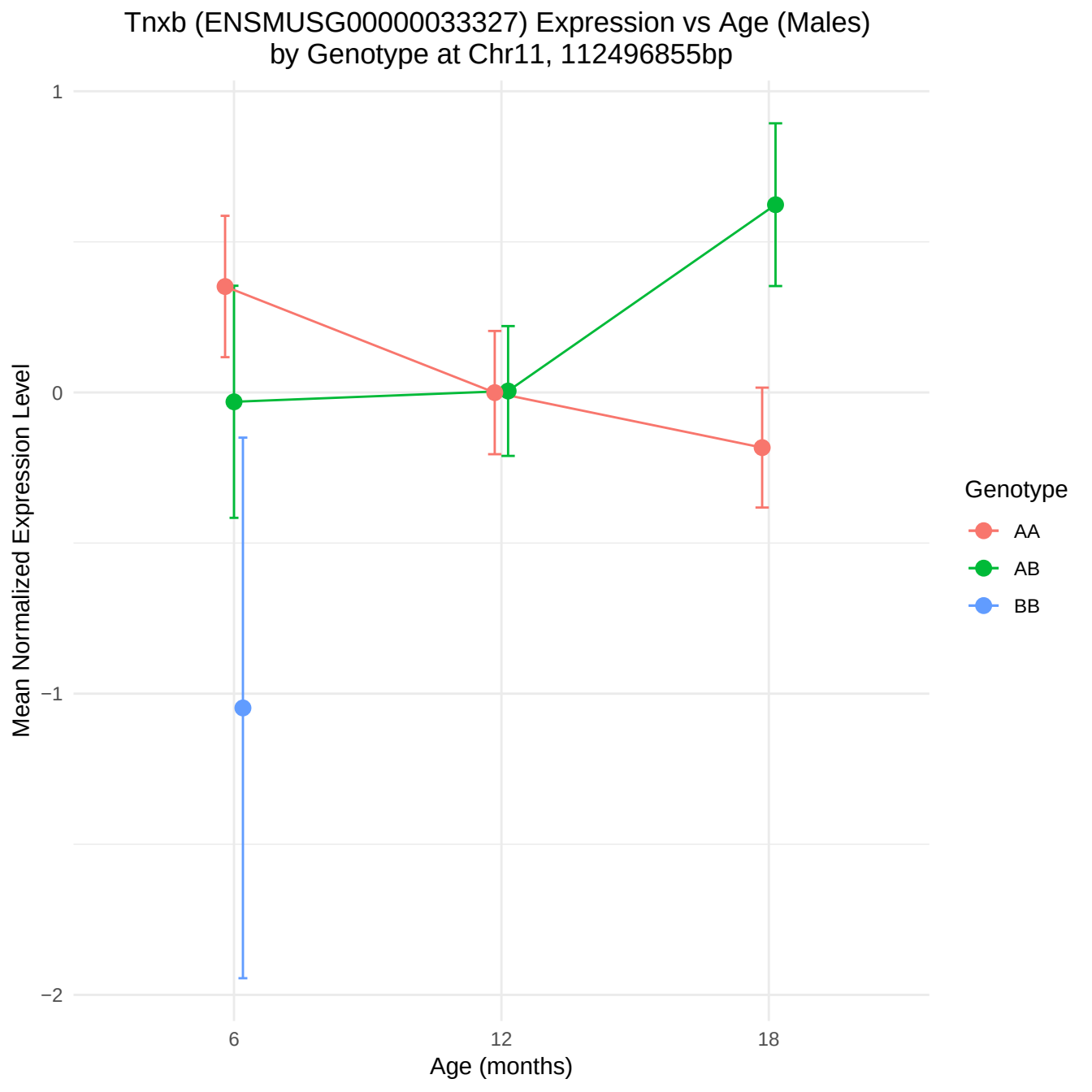

Tnxb (ENSMUSG00000033327): 12 Months
QTL effects
−0.5
0.0
0.5
20
40
60
80
100
120
Chr 11 position

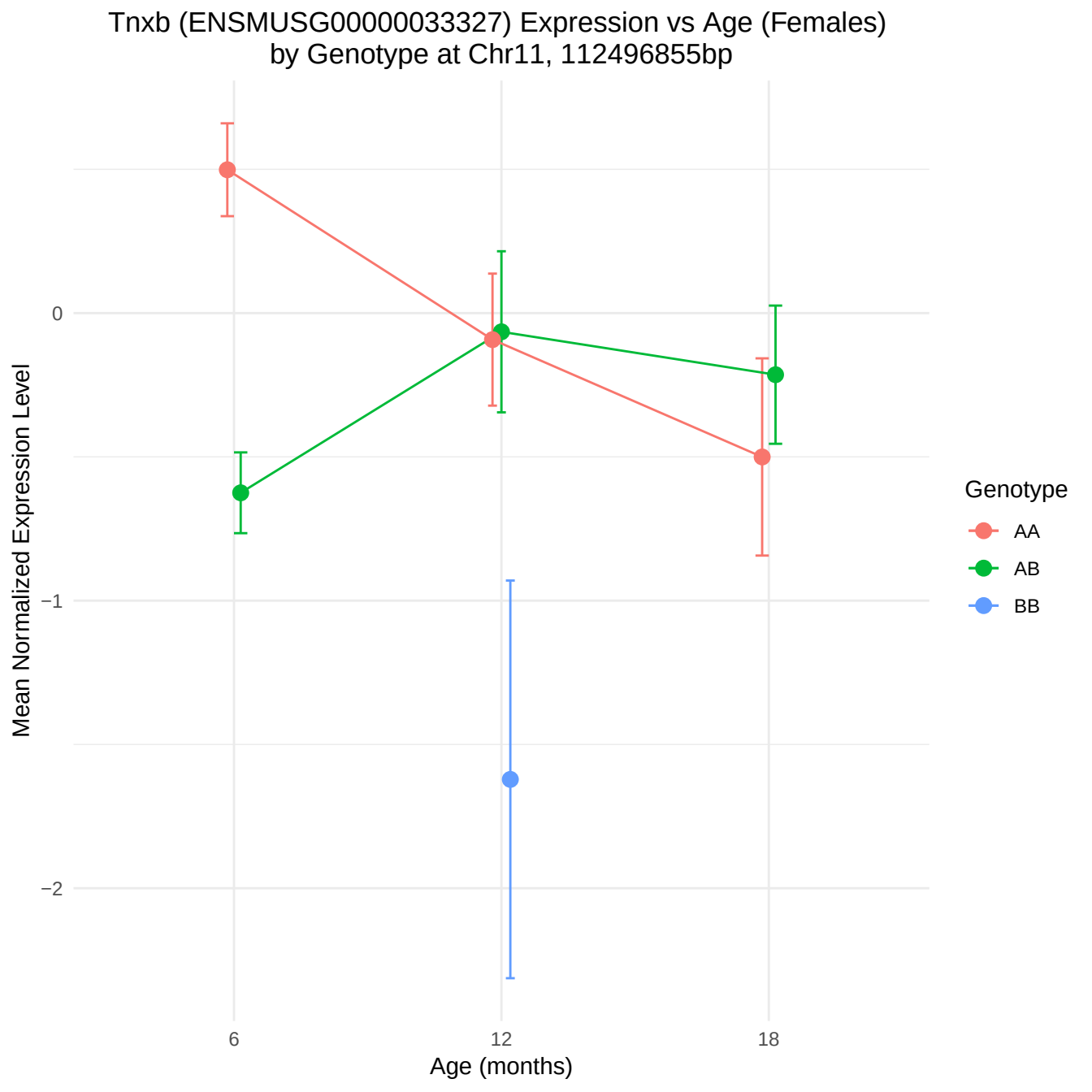

Tnxb (ENSMUSG00000033327) eQTL
18 Months
LOD score
0
1
2
3
4
5
6
20
40
60
80
100
120
Chr 11 position


Tnxb (ENSMUSG00000033327): 18 Months
QTL effects
−1.5
−1.0
−0.5
0.0
0.5
1.0
20
40
60
80
100
120
Chr 11 position


Tnxb (ENSMUSG00000033327) Expression
Interactive Covariate = Age
LOD score
0
1
2
3
4
111
112
113
114
Chr 11 position (Mbp)
Map2k6 →
Kcnj16 →
Gm11675 →
Gm11676 ←
Gm11679 ←
BC006965 ←
Gm39467 ←
Gm16487 →
Sdk2 ←
Gm10836
Kcnj2 →
Gm30158 ←
Gm11680 →
Sox9 →
Gm30787
Gm42094 →
Cpsf4l ←
Gm39446 ←
Gm30219 ←
Gm39461 →
Gm11681 ←
4732490B19Rik ←
Cog1 →
Gm30009 ←
Gm11677 ←
4930401C12Rik
Gm30562 ←
Gm39505 ←
Sstr2 →
Gm11682 →
Gm11674 ←
1700012H19Rik ←
Fam104a ←
Gm46300 ←
Gm30337 →
4933434M16Rik →
Gm11693 →
Gm46301 →
Gm30844
4930539H15Rik
2610035D17Rik ←
D11Wsu47e →
Slc39a11 ←
Cdc42ep4 ←
Gm11736 →
Gm39468 →


Tnxb (ENSMUSG00000033327) Expression vs Age
by Genotype at Chr11, 112496855bp
Mean Normalized Expression Level
0
−1
−2
6
12
18
Age (months)
Genotype
AA
AB
BB


Tnxb (ENSMUSG00000033327) Expression vs Age (Males)
by Genotype at Chr11, 112496855bp
Mean Normalized Expression Level
1
0
−1
−2
6
12
18
Age (months)
Genotype
AA
AB
BB


Tnxb (ENSMUSG00000033327) Expression vs Age (Females)
by Genotype at Chr11, 112496855bp
Mean Normalized Expression Level
0
−1
−2
6
12
18
Age (months)
Genotype
AA
AB
BB