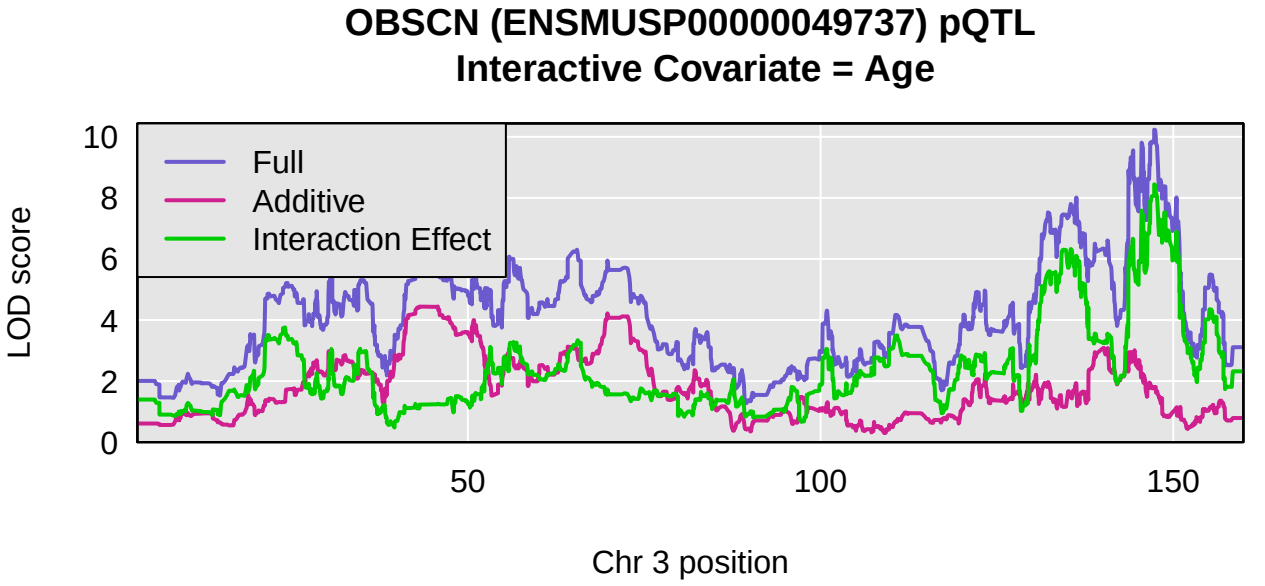
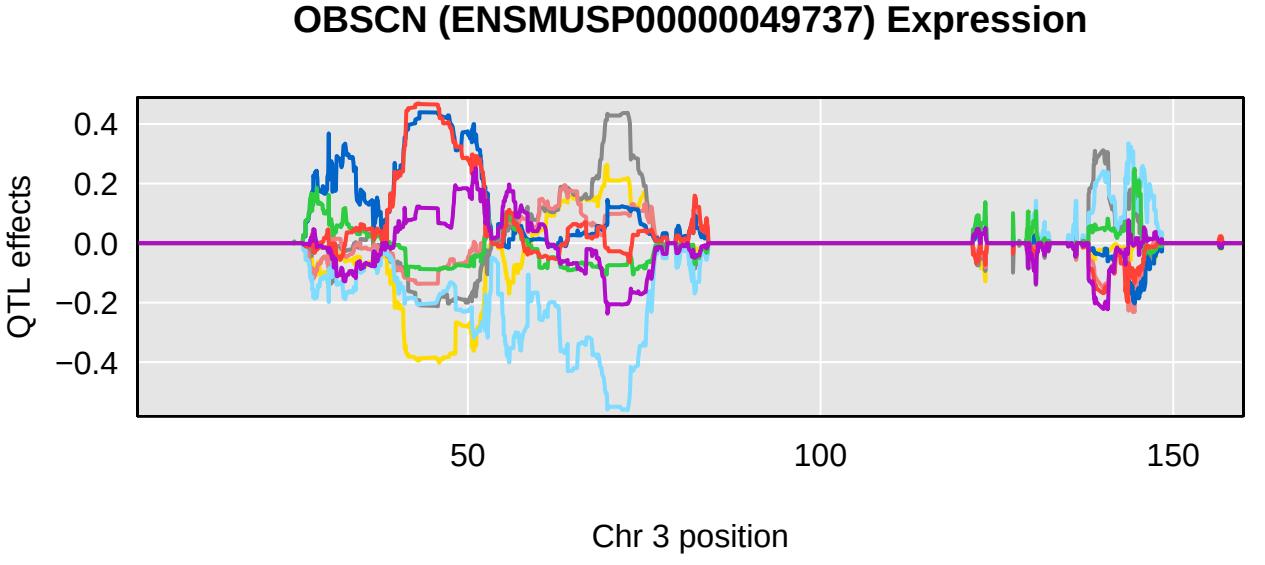
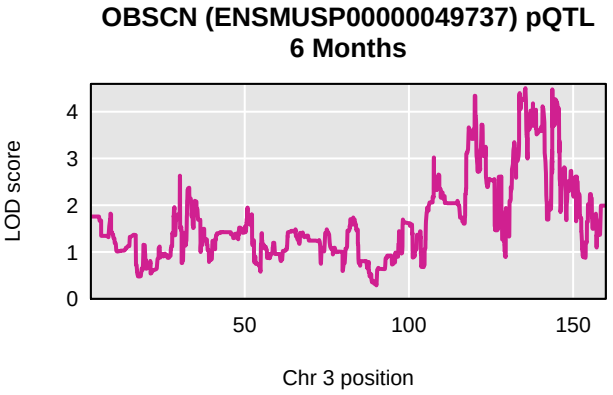
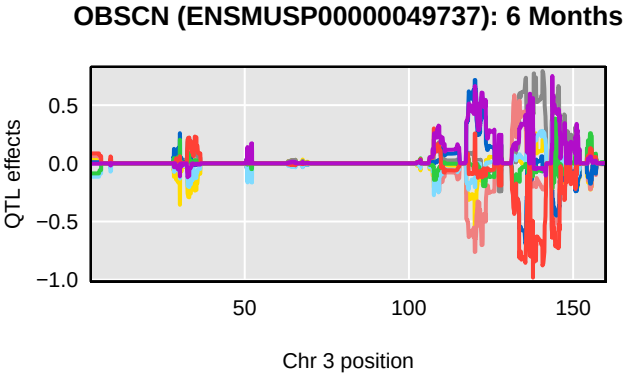
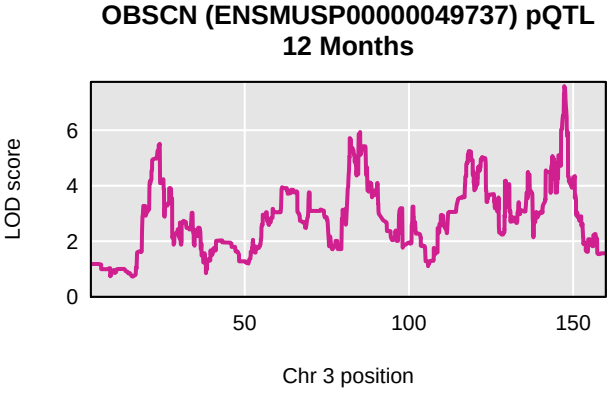
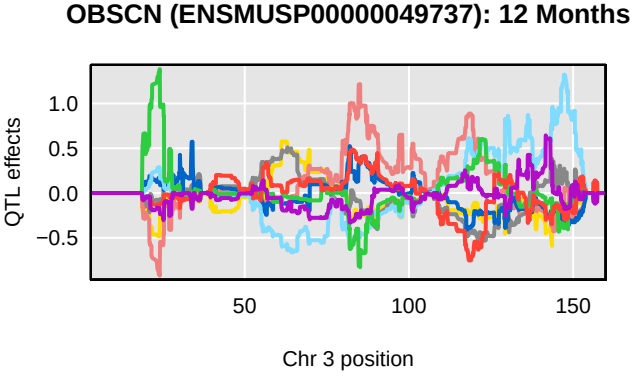

OBSCN (ENSMUSP00000049737) pQTL
Interactive Covariate = Age
LOD score
10
8
6
4
2
0
Full
Additive
Interaction Effect
50
100
150
Chr 3 position

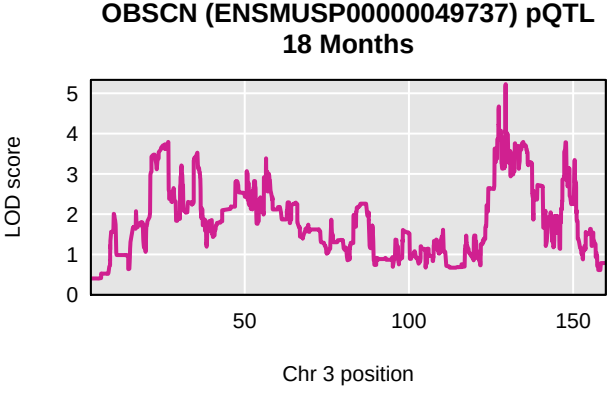

OBSCN (ENSMUSP00000049737) Expression
QTL effects
0.4
0.2
0.0
−0.2
−0.4
50
100
150
Chr 3 position

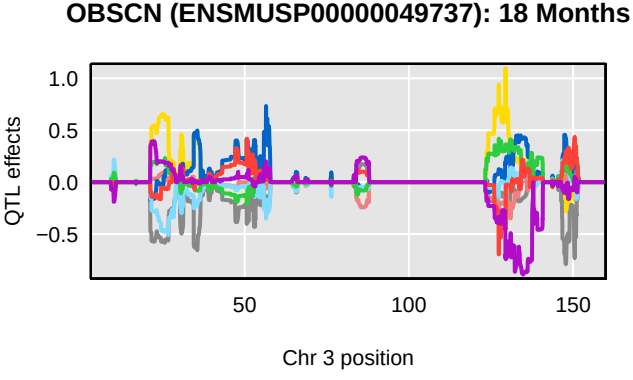

OBSCN (ENSMUSP00000049737) pQTL
6 Months
LOD score
0
1
2
3
4
50
100
150
Chr 3 position


OBSCN (ENSMUSP00000049737): 6 Months
QTL effects
−1.0
−0.5
0.0
0.5
50
100
150
Chr 3 position

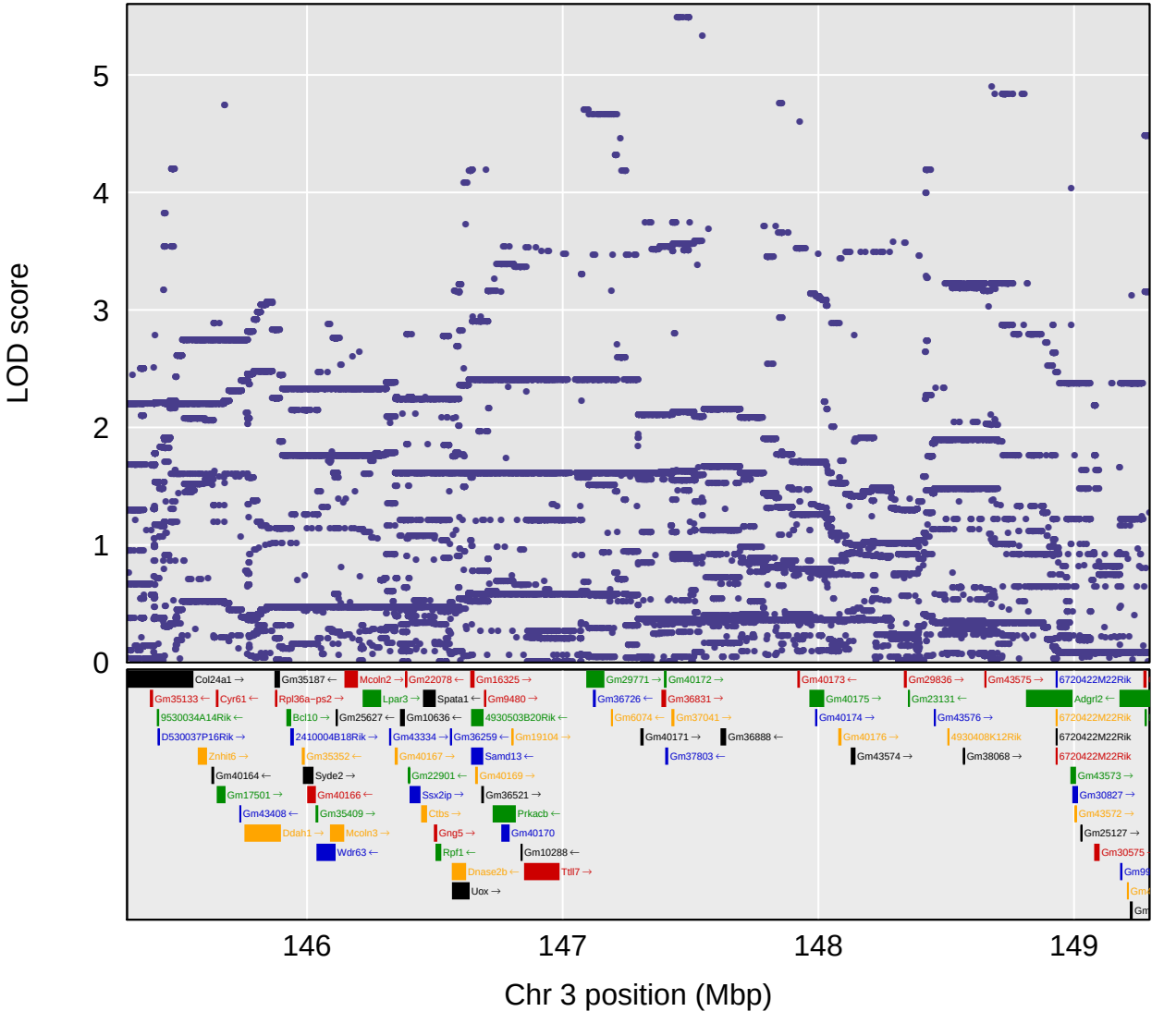

OBSCN (ENSMUSP00000049737) pQTL
12 Months
LOD score
0
2
4
6
50
100
150
Chr 3 position

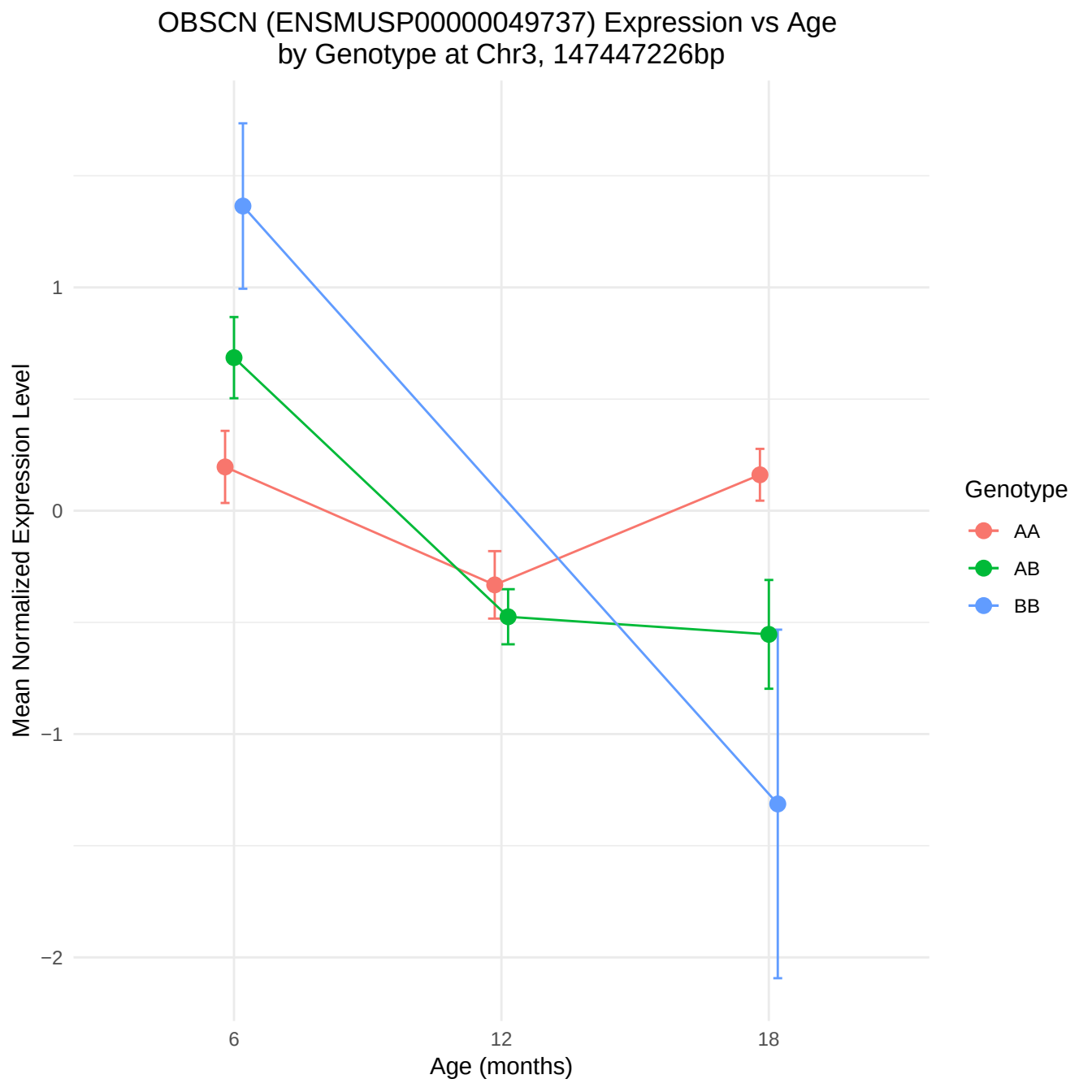

OBSCN (ENSMUSP00000049737): 12 Months
QTL effects
−0.5
0.0
0.5
1.0
50
100
150
Chr 3 position

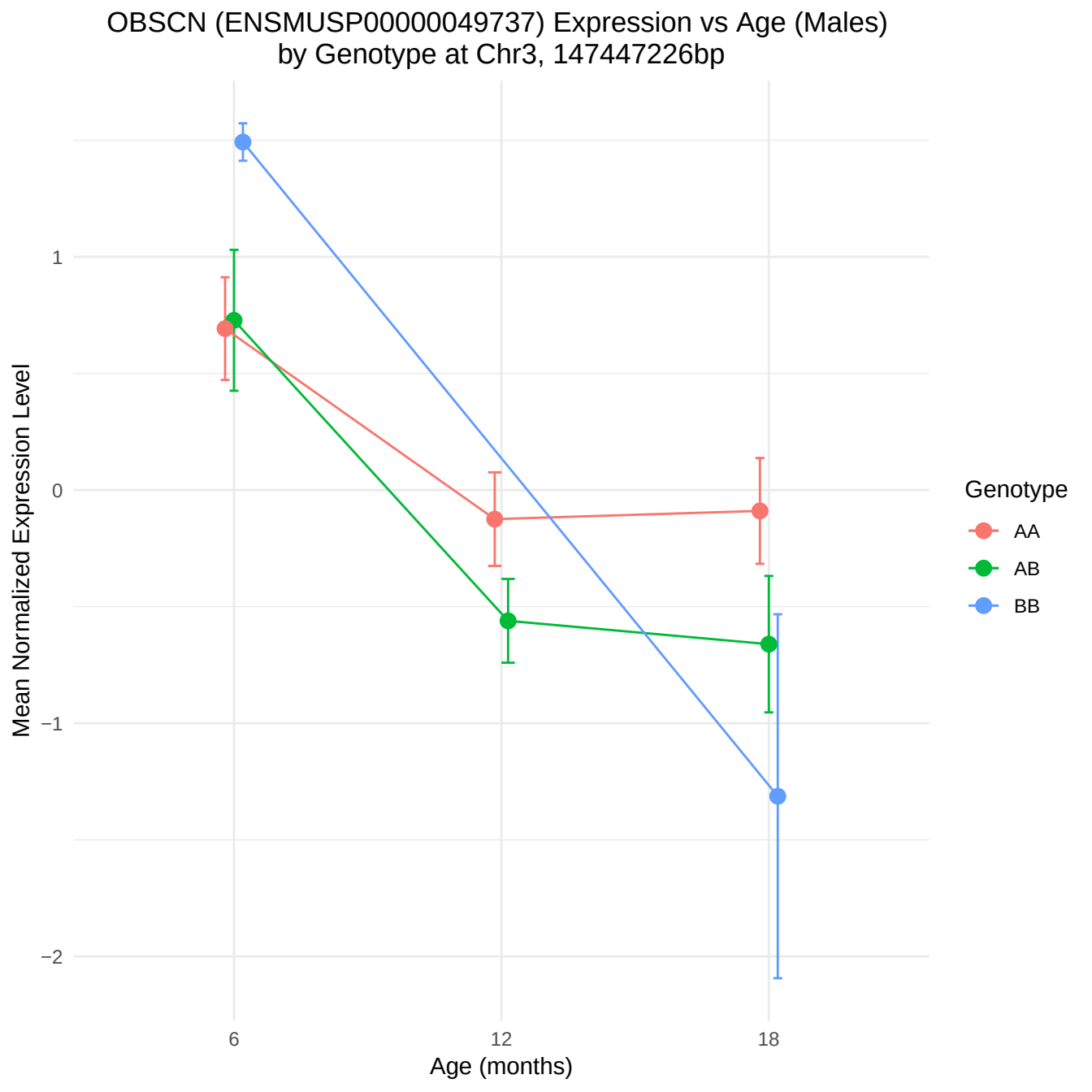

OBSCN (ENSMUSP00000049737) pQTL
18 Months
LOD score
0
1
2
3
4
5
50
100
150
Chr 3 position

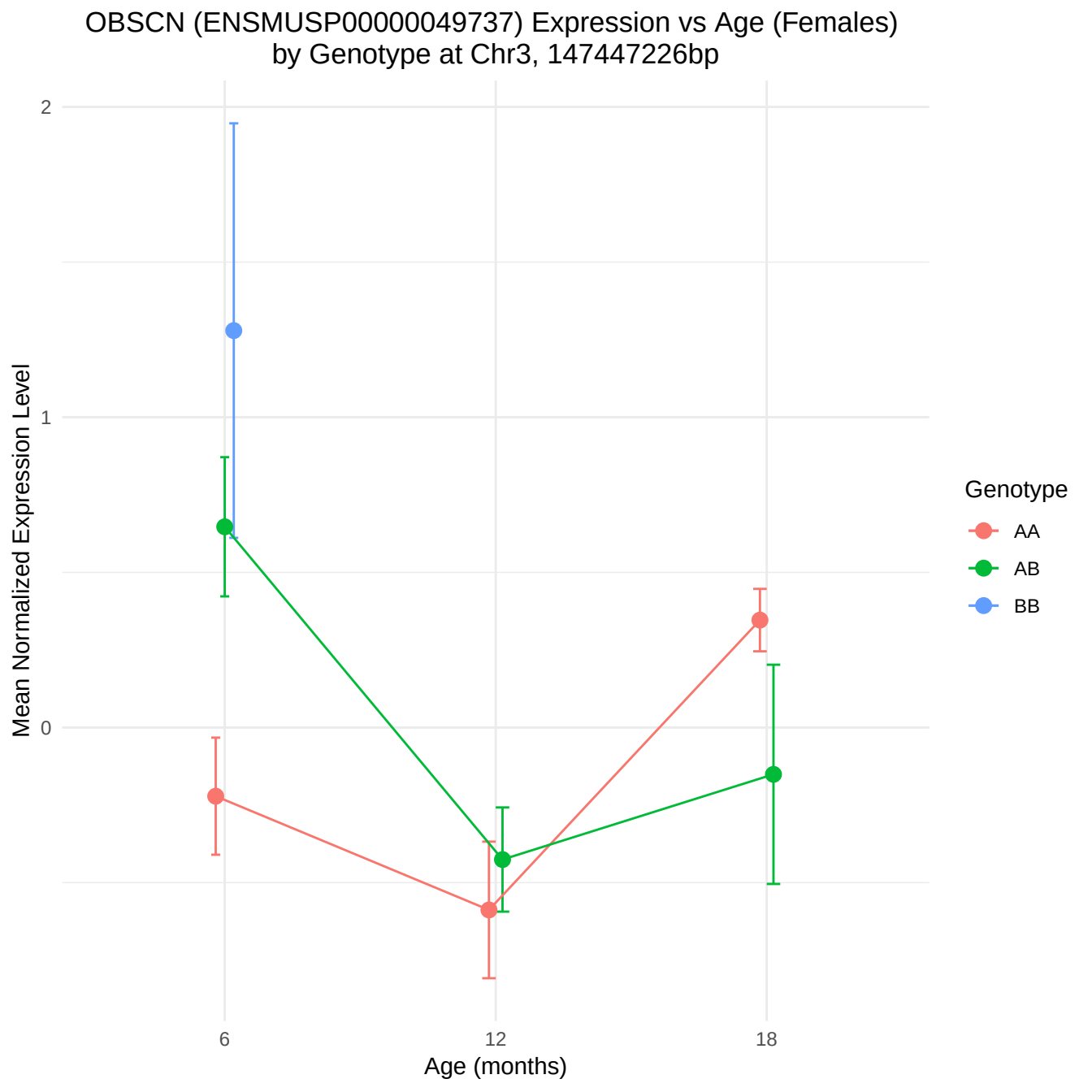

OBSCN (ENSMUSP00000049737): 18 Months
QTL effects
−0.5
0.0
0.5
1.0
50
100
150
Chr 3 position

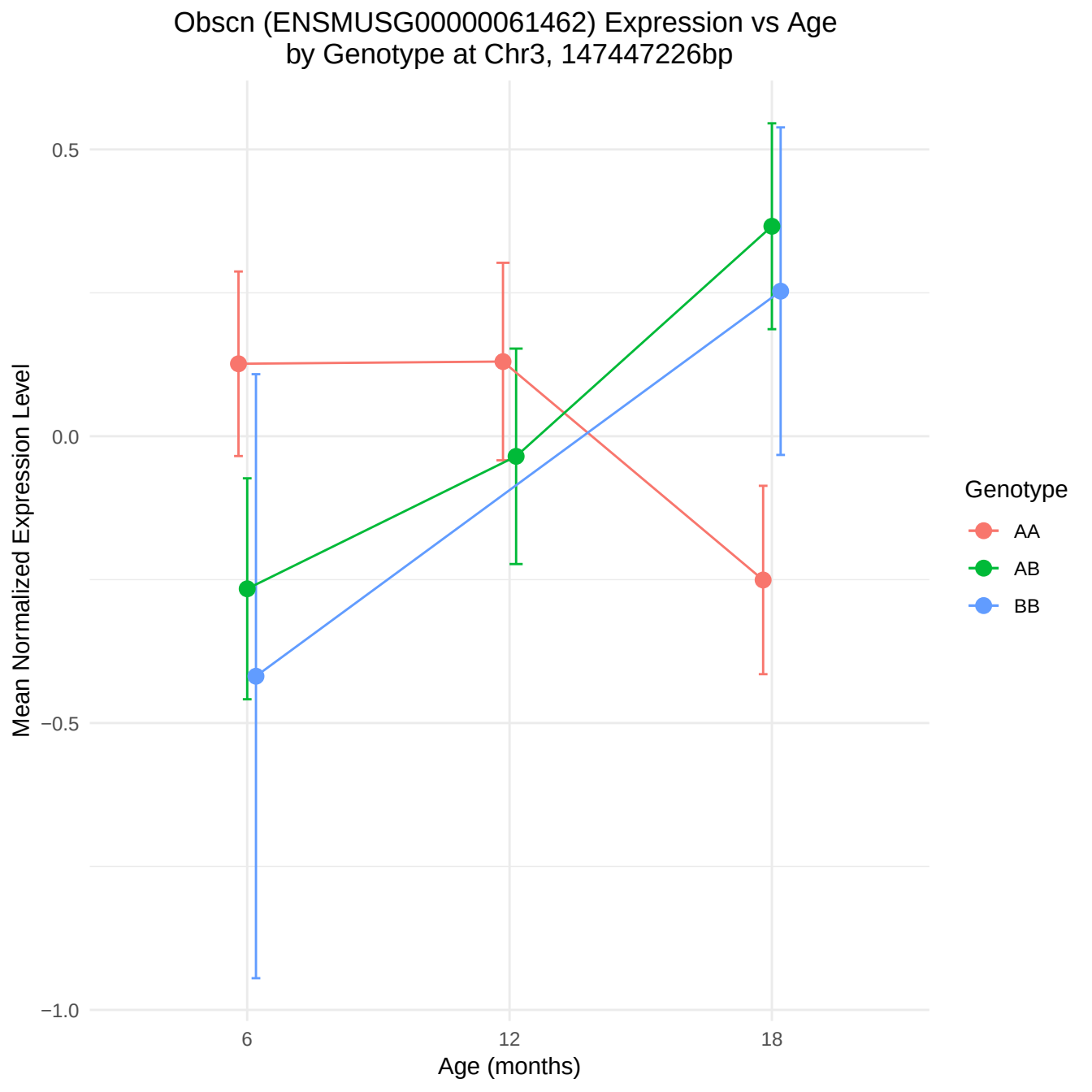
OBSCN (ENSMUSP00000049737) Expression
Interactive Covariate = Age

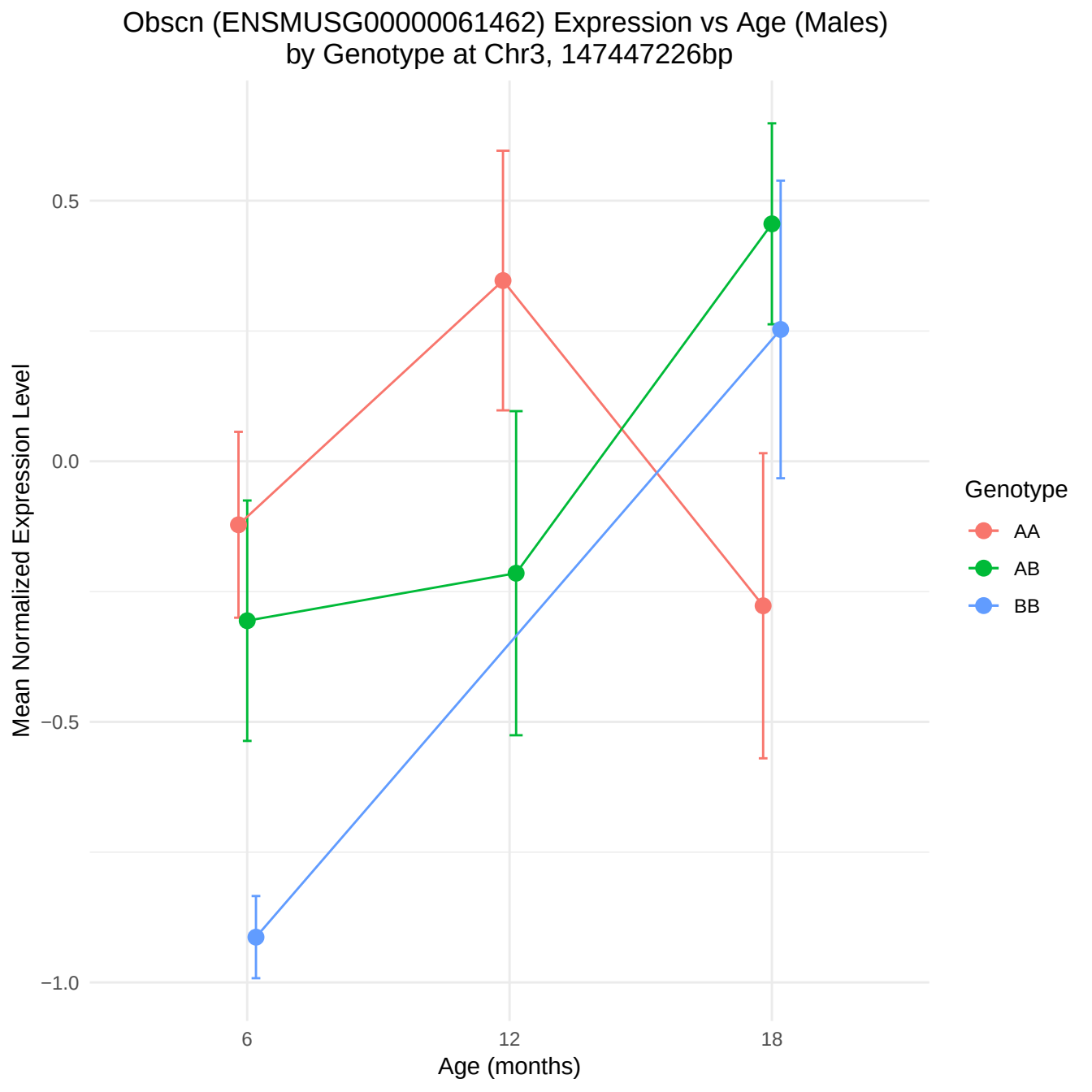


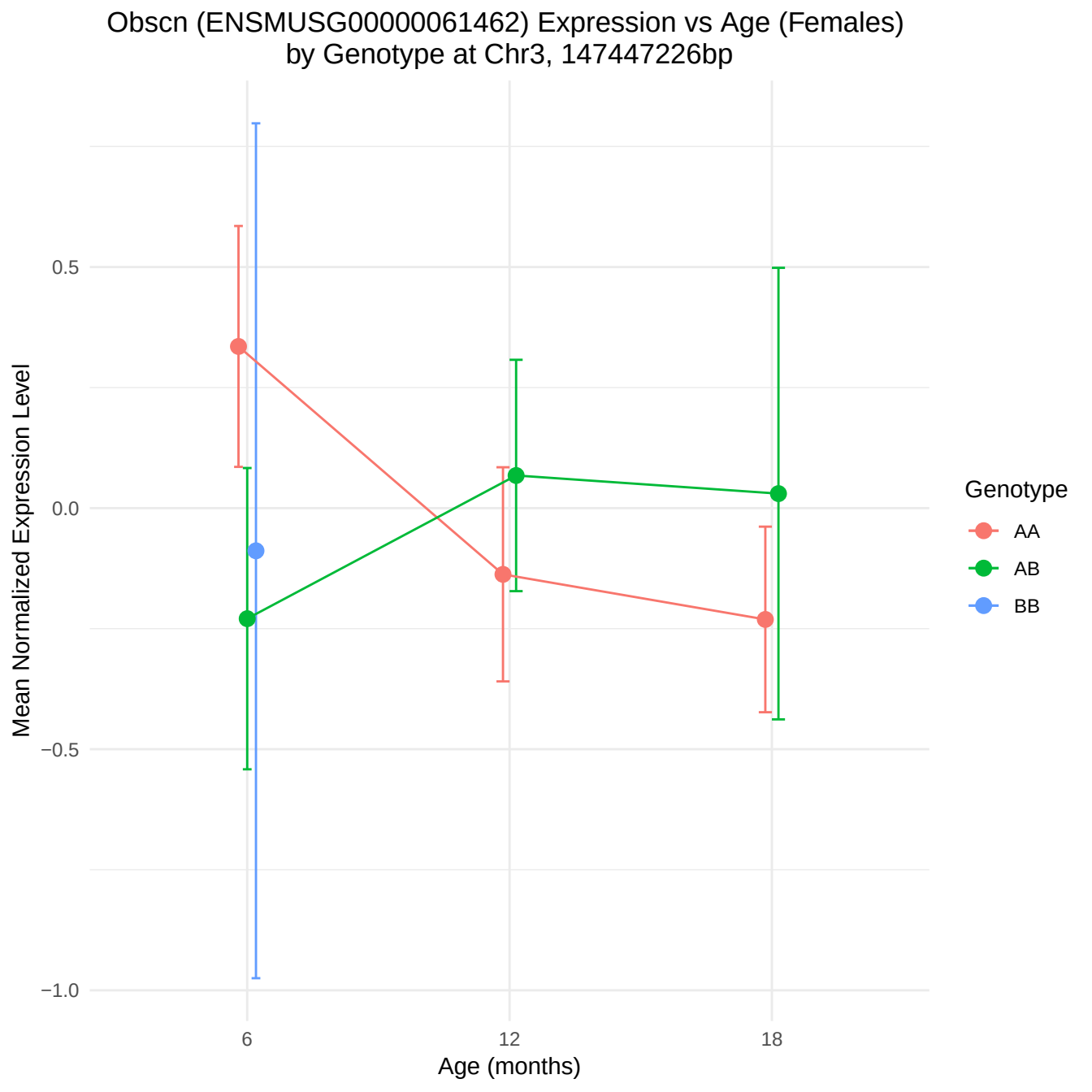

OBSCN (ENSMUSP00000049737) Expression vs Age
by Genotype at Chr3, 147447226bp
Mean Normalized Expression Level
1
0
−1
−2
6
12
18
Age (months)
Genotype
AA
AB
BB

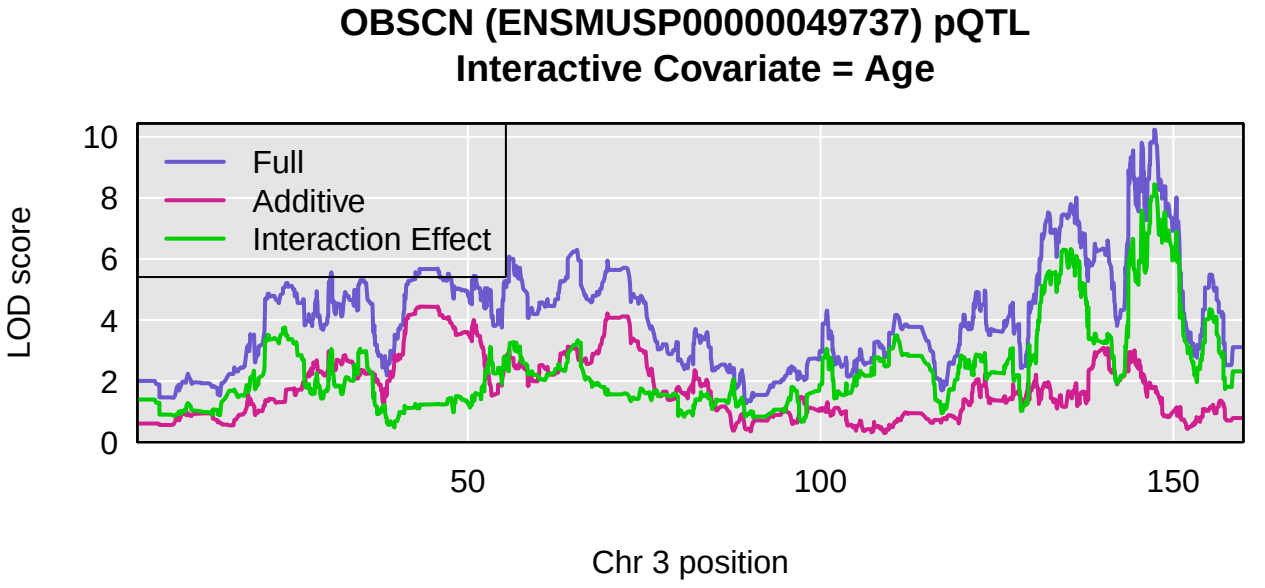

OBSCN (ENSMUSP00000049737) Expression vs Age (Males)
by Genotype at Chr3, 147447226bp
Mean Normalized Expression Level
1
0
−1
−2
6
12
18
Age (months)
Genotype
AA
AB
BB

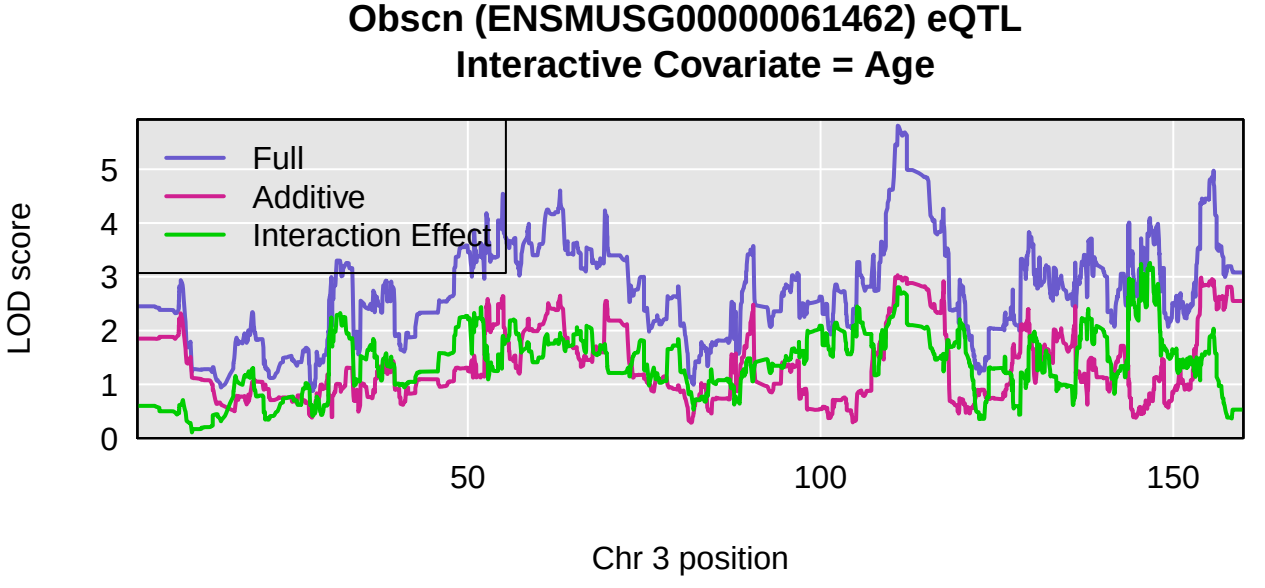

OBSCN (ENSMUSP00000049737) Expression vs Age (Females)
by Genotype at Chr3, 147447226bp
Mean Normalized Expression Level
2
1
0
6
12
18
Age (months)
Genotype
AA
AB
BB


Obscn (ENSMUSG00000061462) Expression vs Age
by Genotype at Chr3, 147447226bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB


Obscn (ENSMUSG00000061462) Expression vs Age (Males)
by Genotype at Chr3, 147447226bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB


Obscn (ENSMUSG00000061462) Expression vs Age (Females)
by Genotype at Chr3, 147447226bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB


OBSCN (ENSMUSP00000049737) pQTL
Interactive Covariate = Age
LOD score
10
8
6
4
2
0
Full
Additive
Interaction Effect
50
100
150
Chr 3 position


Obscn (ENSMUSG00000061462) eQTL
Interactive Covariate = Age
LOD score
5
4
3
2
1
0
Full
Additive
Interaction Effect
50
100
150
Chr 3 position