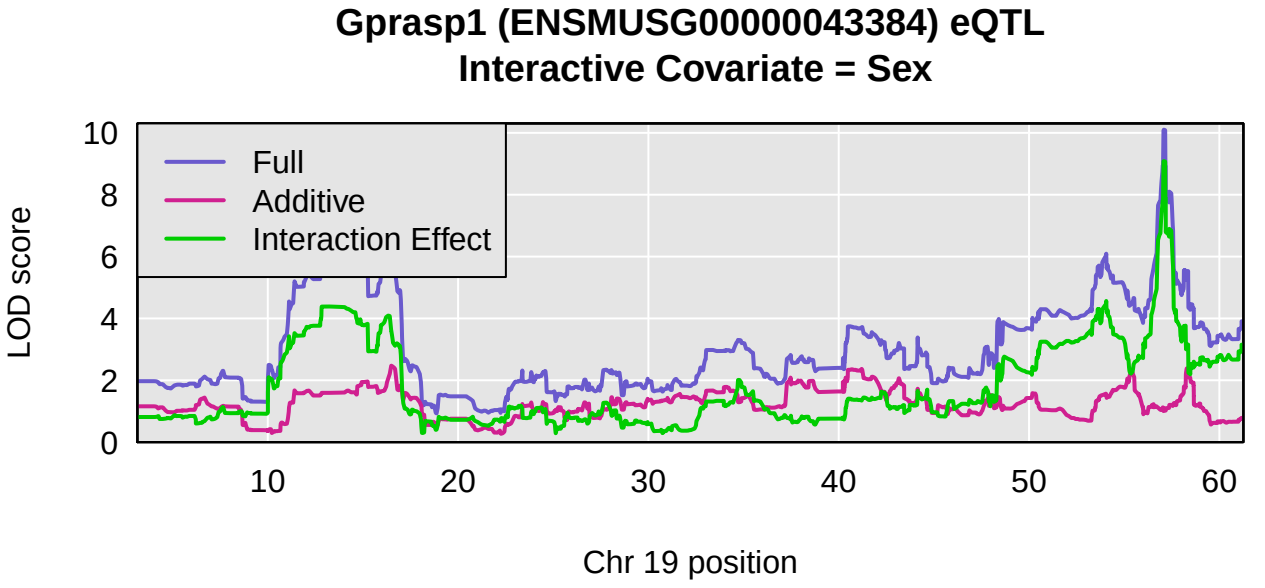
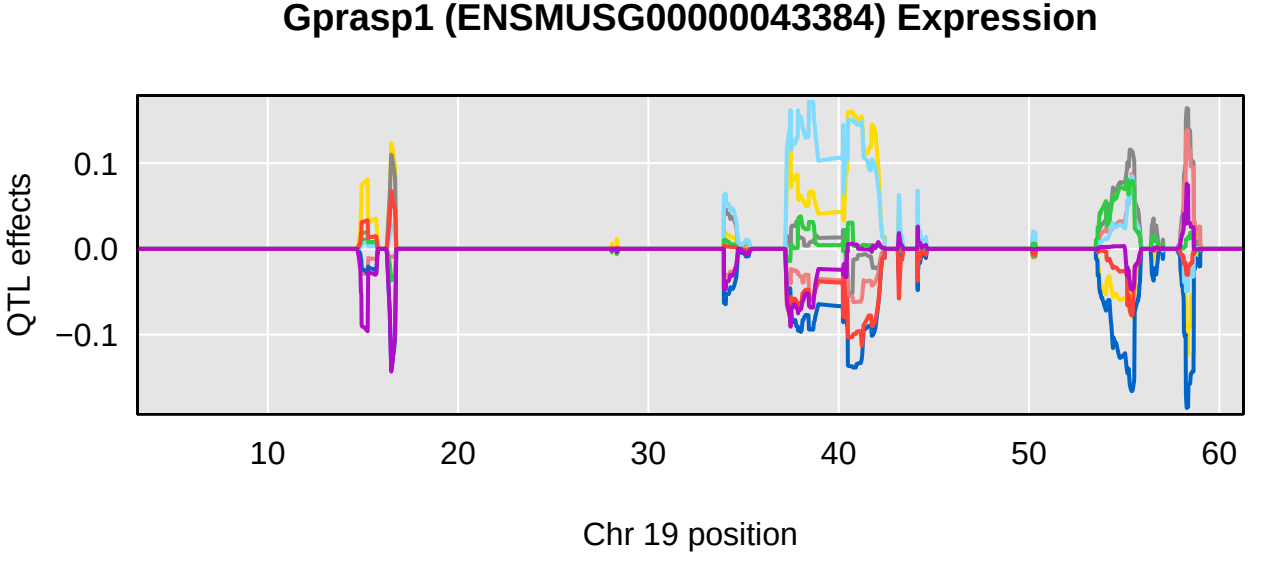
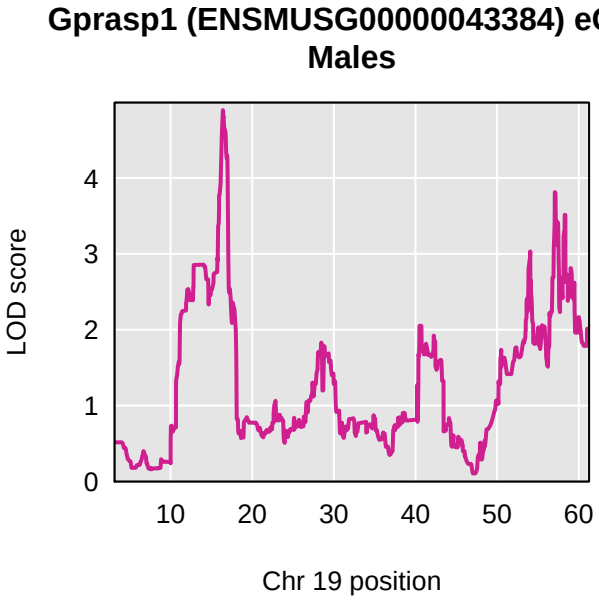
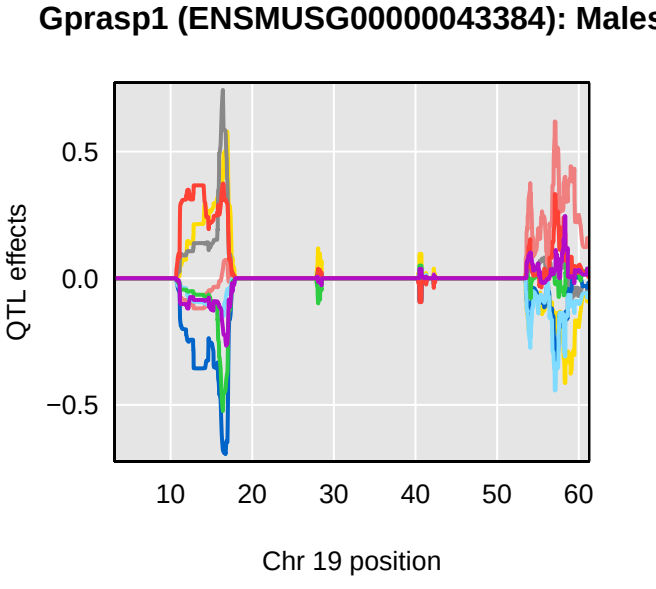
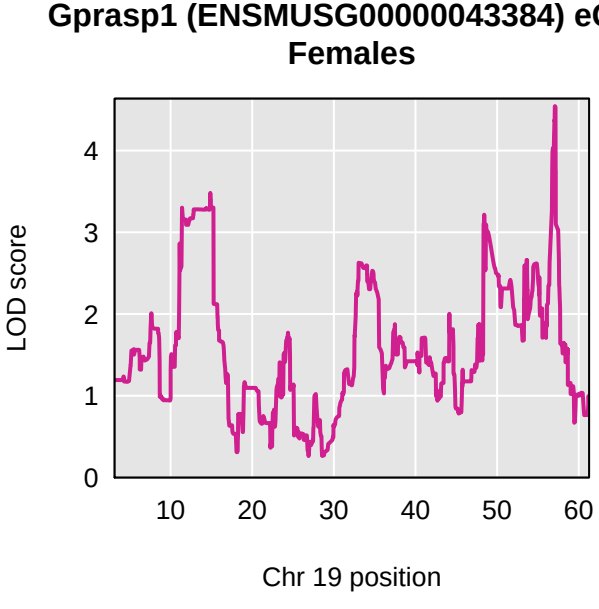
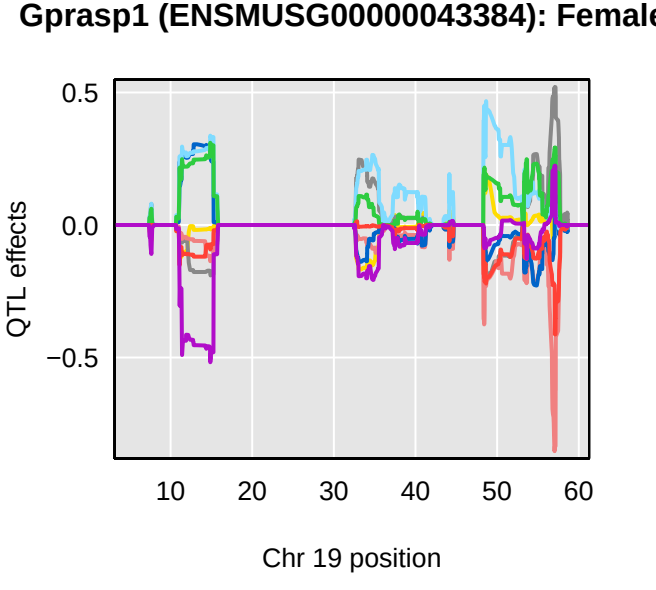

Gprasp1 (ENSMUSG00000043384) eQTL
Interactive Covariate = Sex
LOD score
10
8
6
4
2
0
Full
Additive
Interaction Effect
10
20
30
40
50
60
Chr 19 position


Gprasp1 (ENSMUSG00000043384) Expression
QTL effects
0.1
0.0
−0.1
10
20
30
40
50
60
Chr 19 position

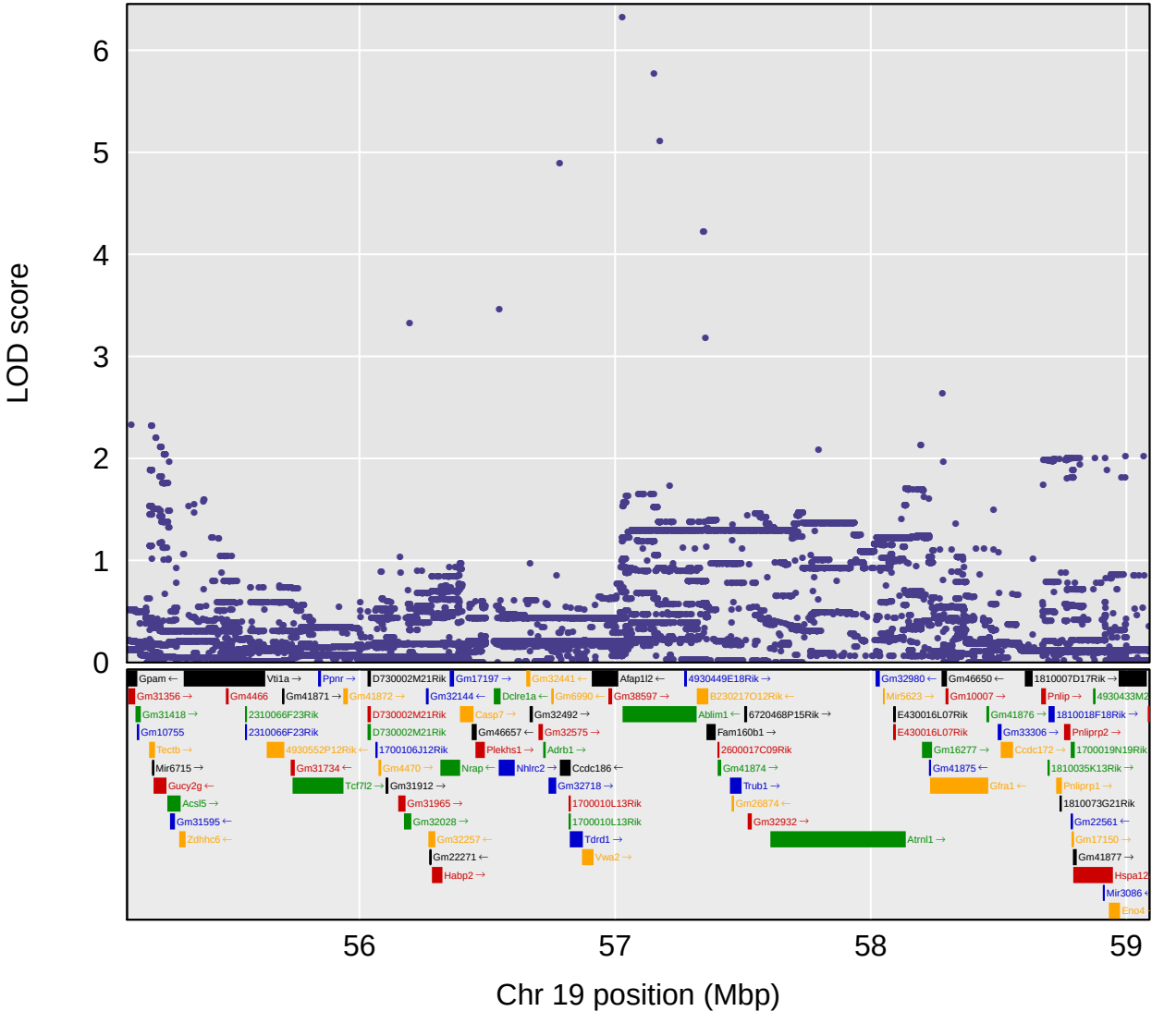

Gprasp1 (ENSMUSG00000043384) eQTL
Males
LOD score
0
1
2
3
4
10
20
30
40
50
60
Chr 19 position

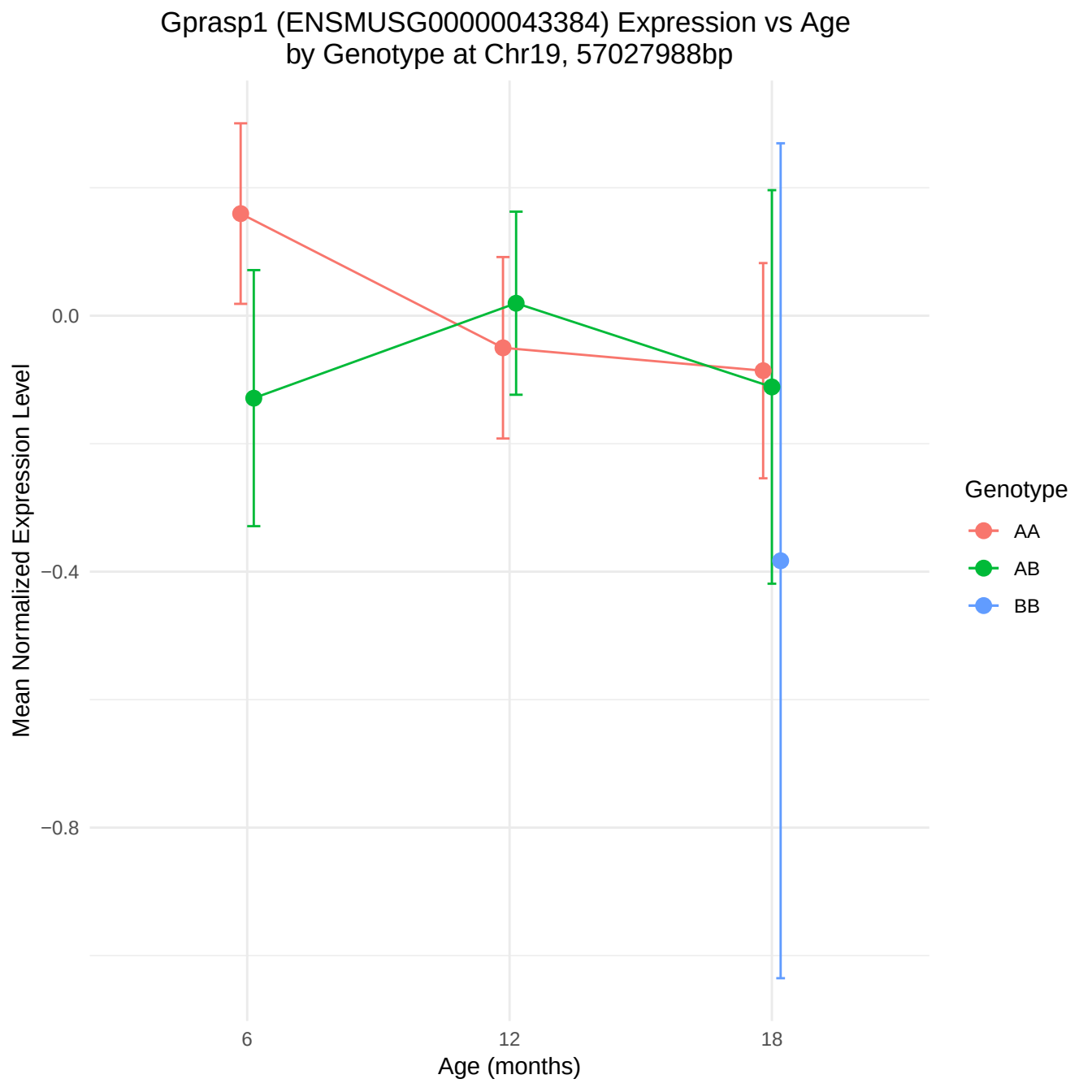

Gprasp1 (ENSMUSG00000043384): Males
QTL effects
−0.5
0.0
0.5
10
20
30
40
50
60
Chr 19 position

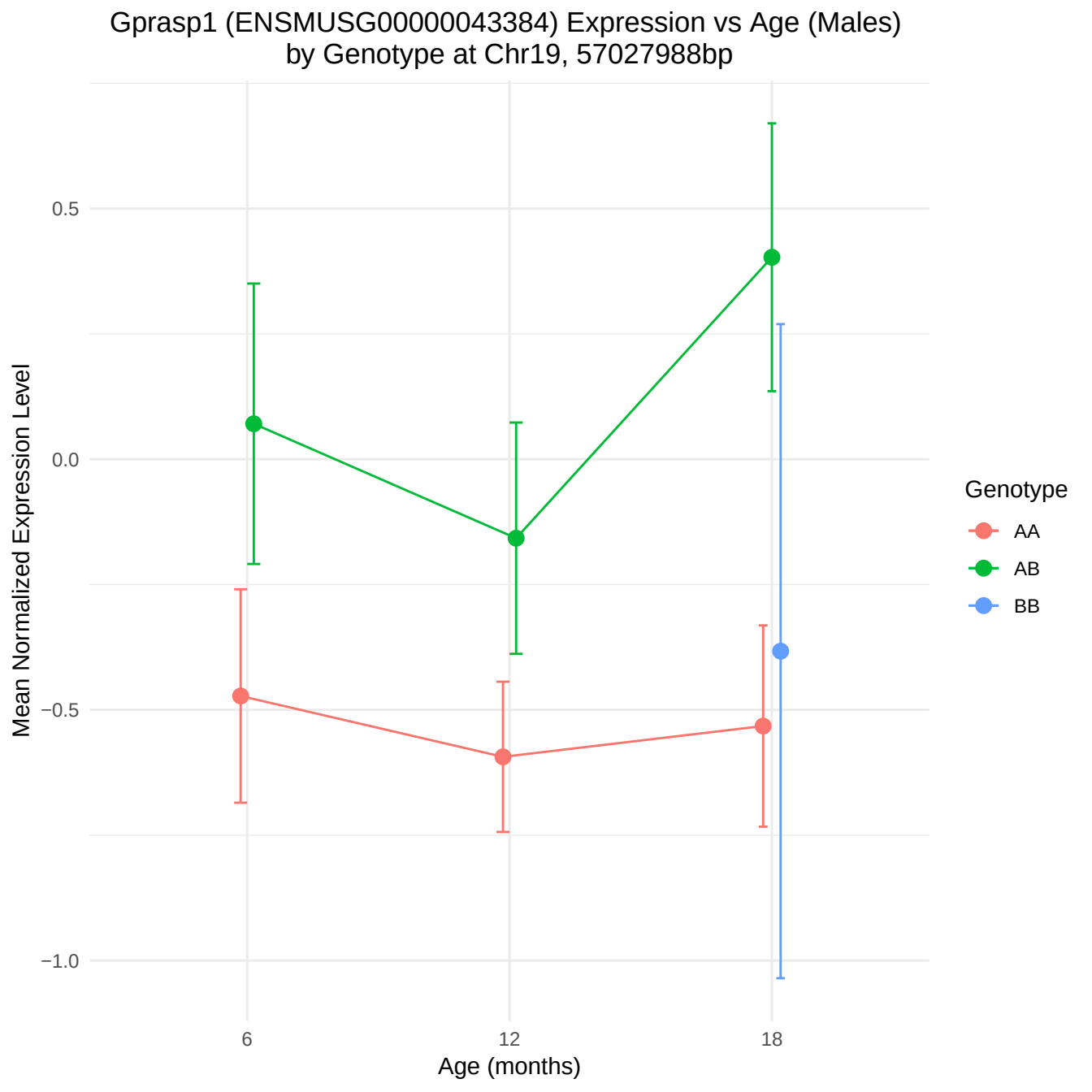

Gprasp1 (ENSMUSG00000043384) eQTL
Females
LOD score
0
1
2
3
4
10
20
30
40
50
60
Chr 19 position

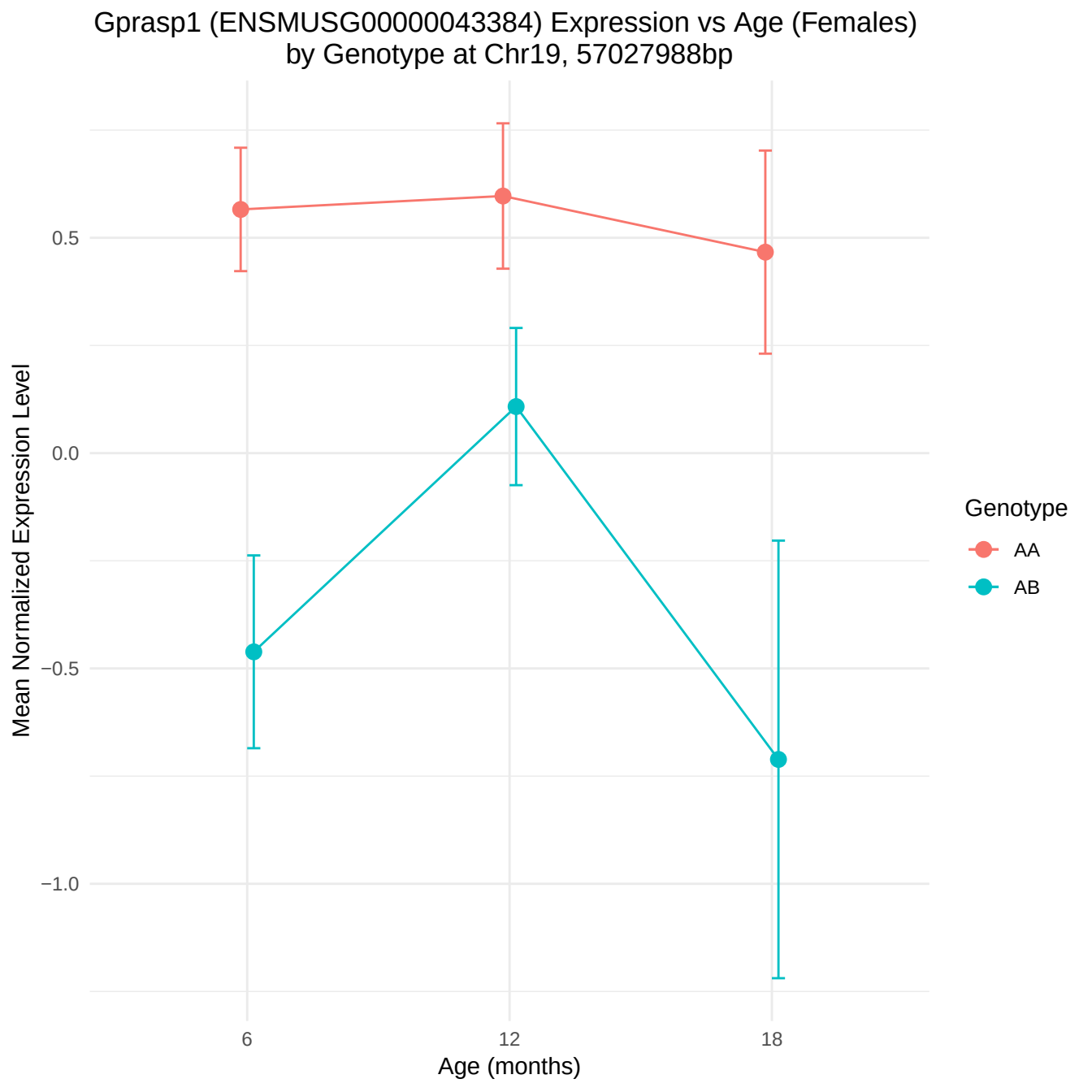

Gprasp1 (ENSMUSG00000043384): Female
QTL effects
−0.5
0.0
0.5
10
20
30
40
50
60
Chr 19 position

Gprasp1 (ENSMUSG00000043384) Expression
Interactive Covariate = Sex




Gprasp1 (ENSMUSG00000043384) Expression vs Age
by Genotype at Chr19, 57027988bp
Mean Normalized Expression Level
0.0
−0.4
−0.8
6
12
18
Age (months)
Genotype
AA
AB
BB


Gprasp1 (ENSMUSG00000043384) Expression vs Age (Males)
by Genotype at Chr19, 57027988bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB
BB


Gprasp1 (ENSMUSG00000043384) Expression vs Age (Females)
by Genotype at Chr19, 57027988bp
Mean Normalized Expression Level
0.5
0.0
−0.5
−1.0
6
12
18
Age (months)
Genotype
AA
AB