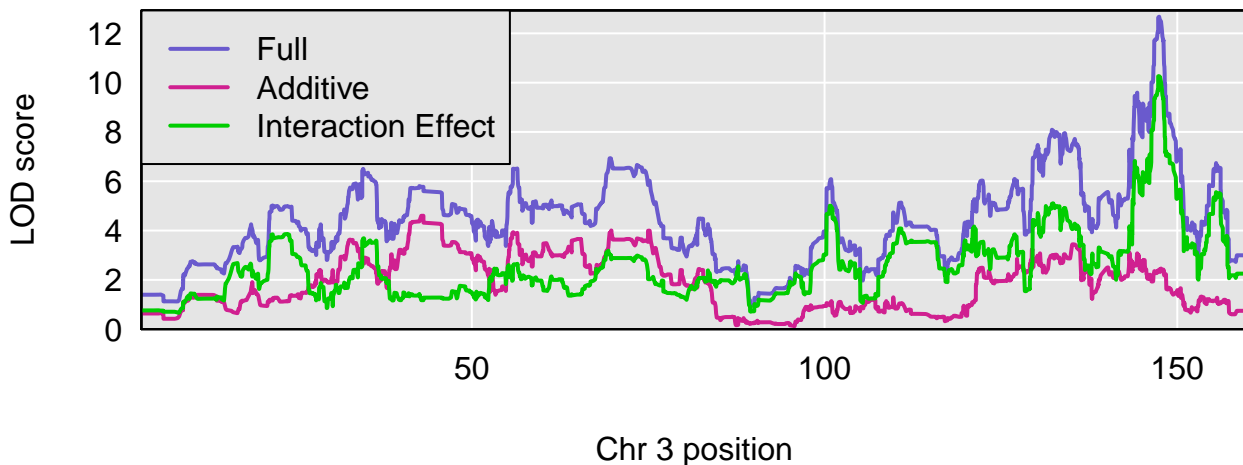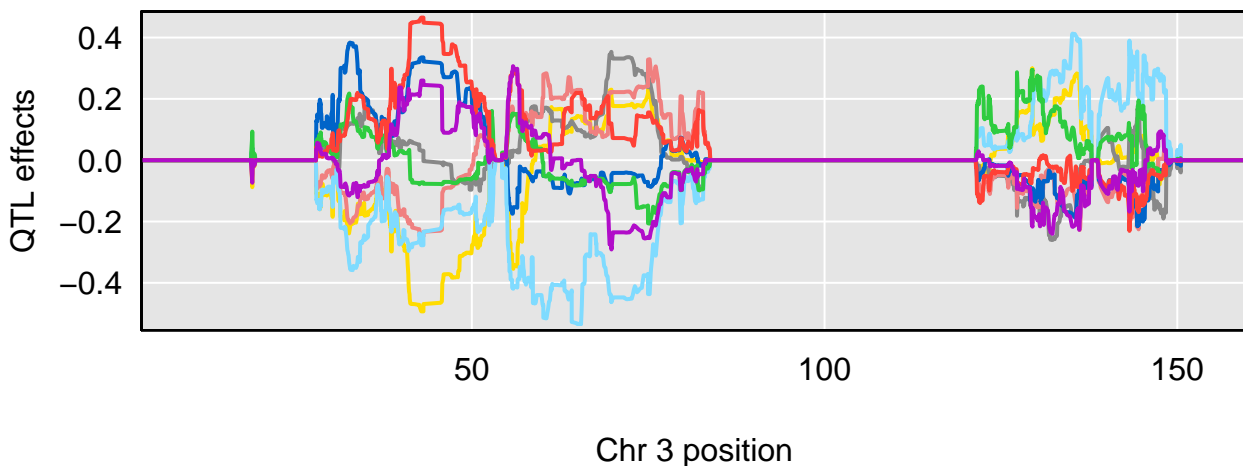**MYH3 (ENSMUSP00000104329) pQTL**
**Interactive Covariate = Age**

**MYH3 (ENSMUSP00000104329) Expression**

**MYH3 (ENSMUSP00000104329) pQTL 6 Months**

LOD score — Chr 3 position

**MYH3 (ENSMUSP00000104329): 6 Months**

QTL effects — Chr 3 position
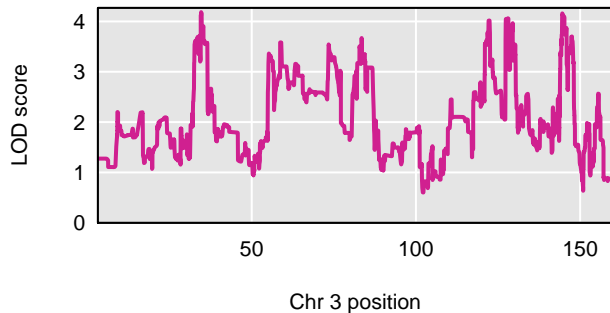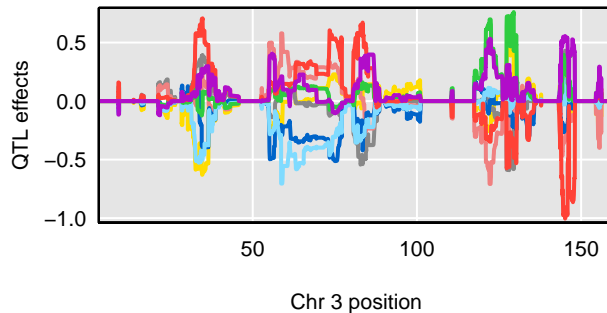
**MYH3 (ENSMUSP00000104329) pQTL 12 Months**

LOD score — Chr 3 position
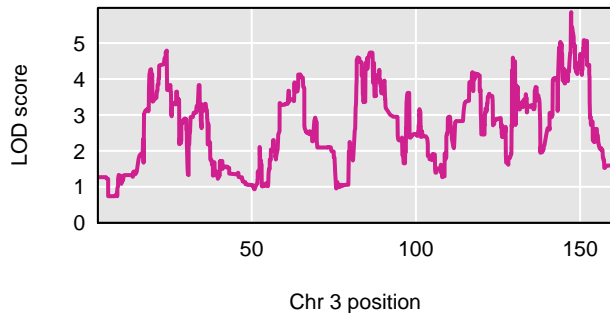
**MYH3 (ENSMUSP00000104329): 12 Months**

QTL effects — Chr 3 position
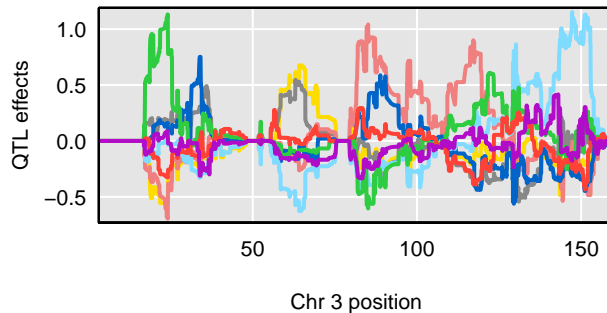
**MYH3 (ENSMUSP00000104329) pQTL 18 Months**

LOD score — Chr 3 position
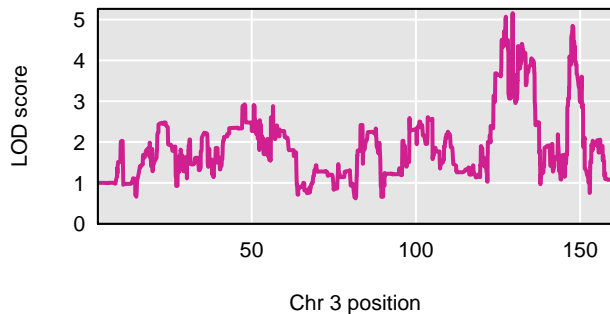
**MYH3 (ENSMUSP00000104329): 18 Months**

QTL effects — Chr 3 position
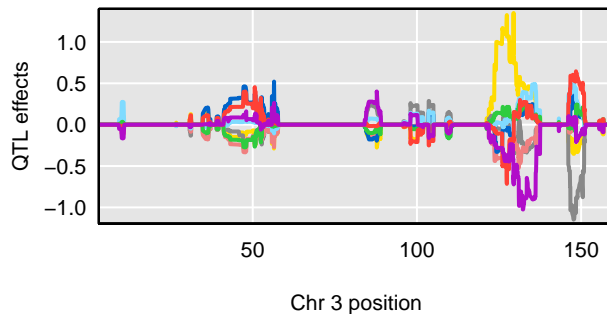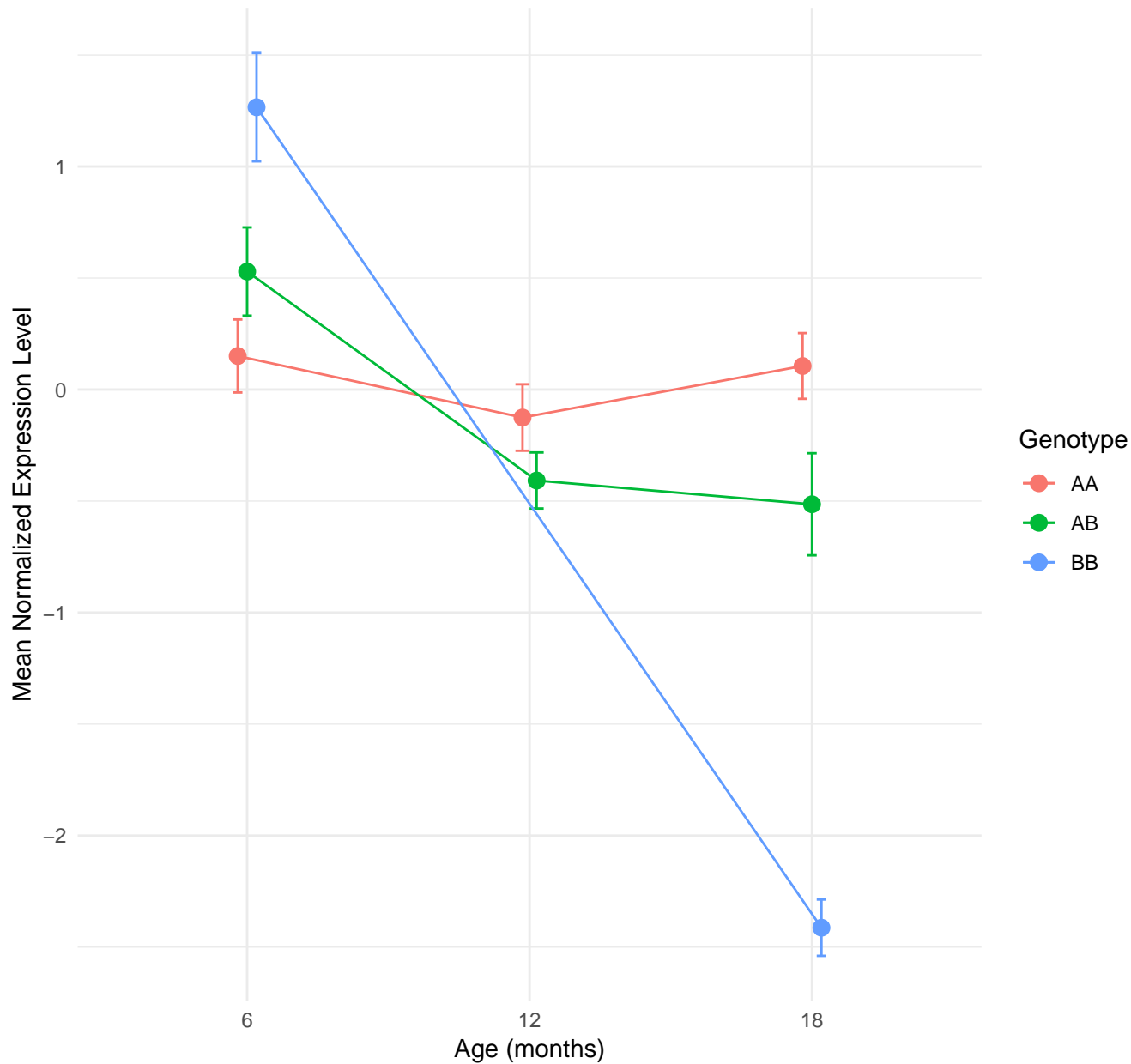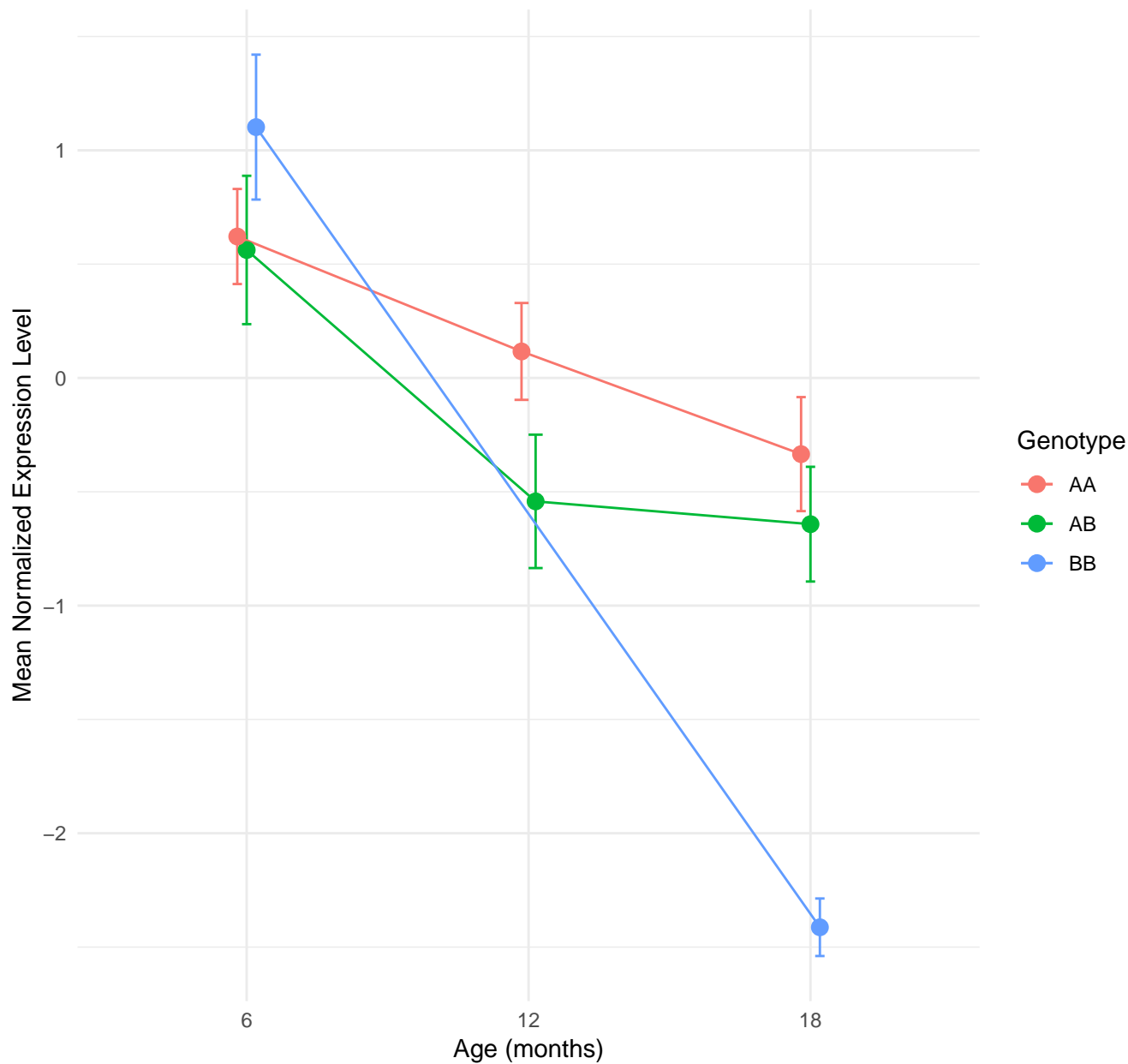
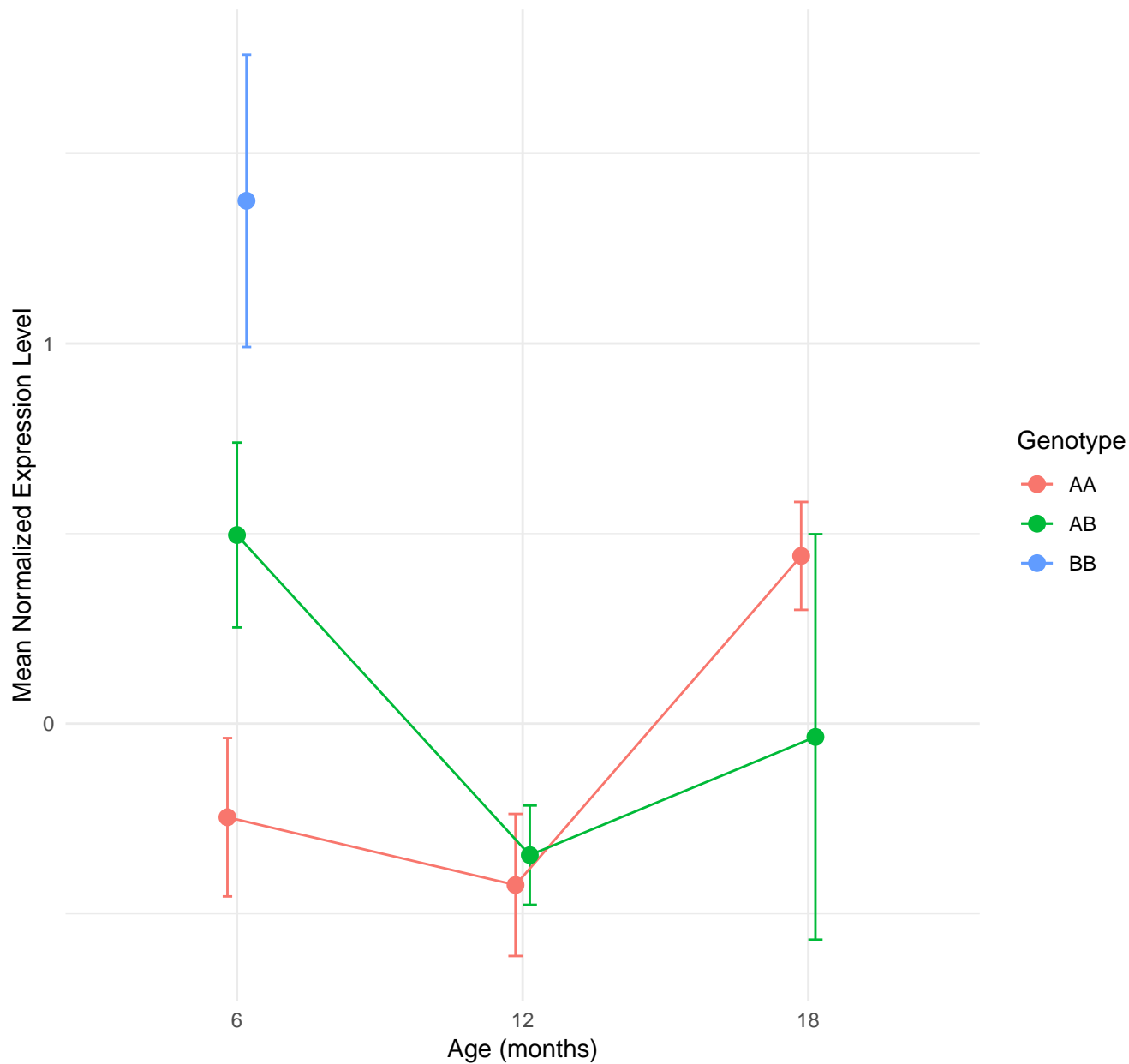MYH3 (ENSMUSP00000104329) Expression
Interactive Covariate = Age
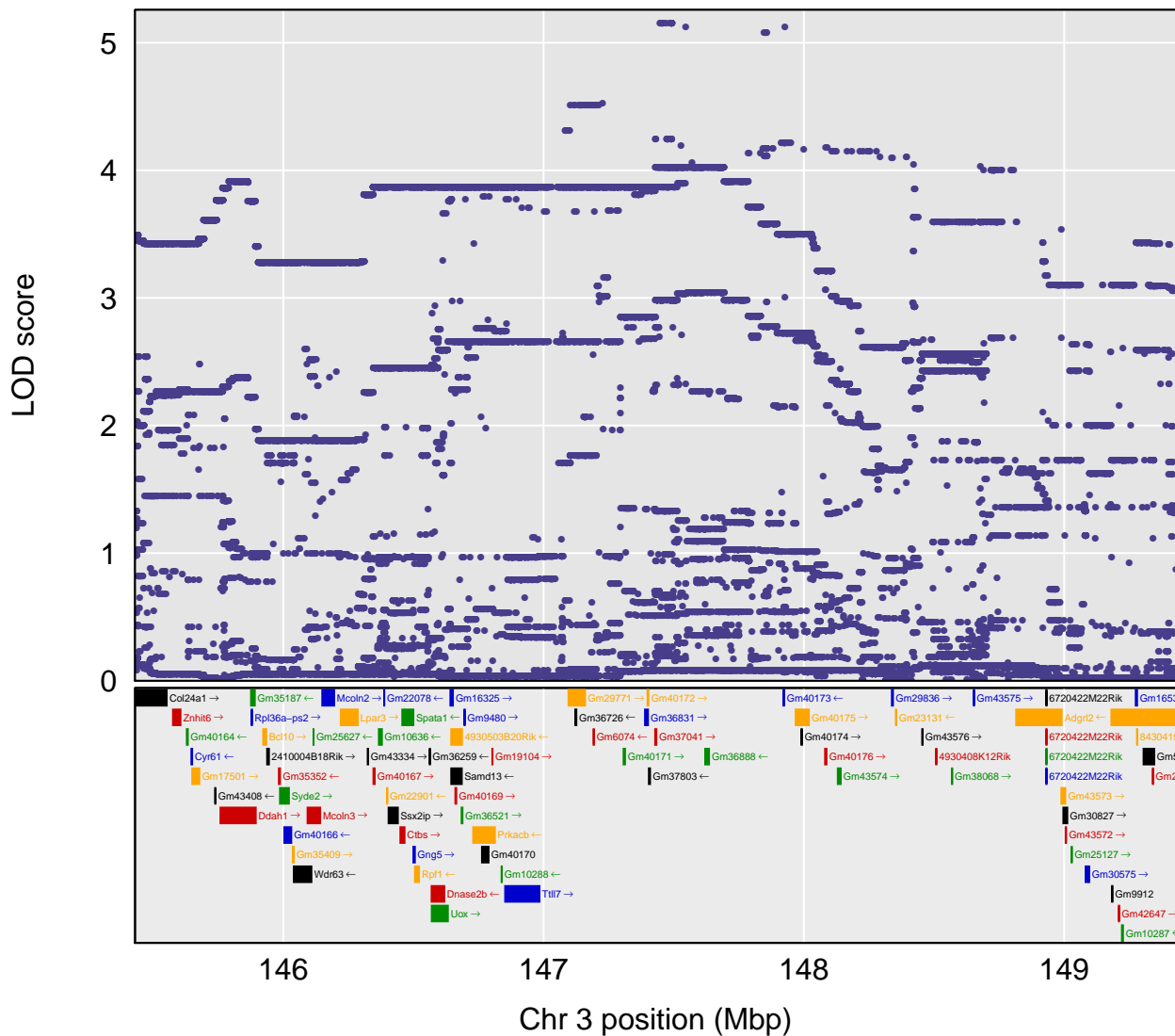
MYH3 (ENSMUSP00000104329) Expression vs Age
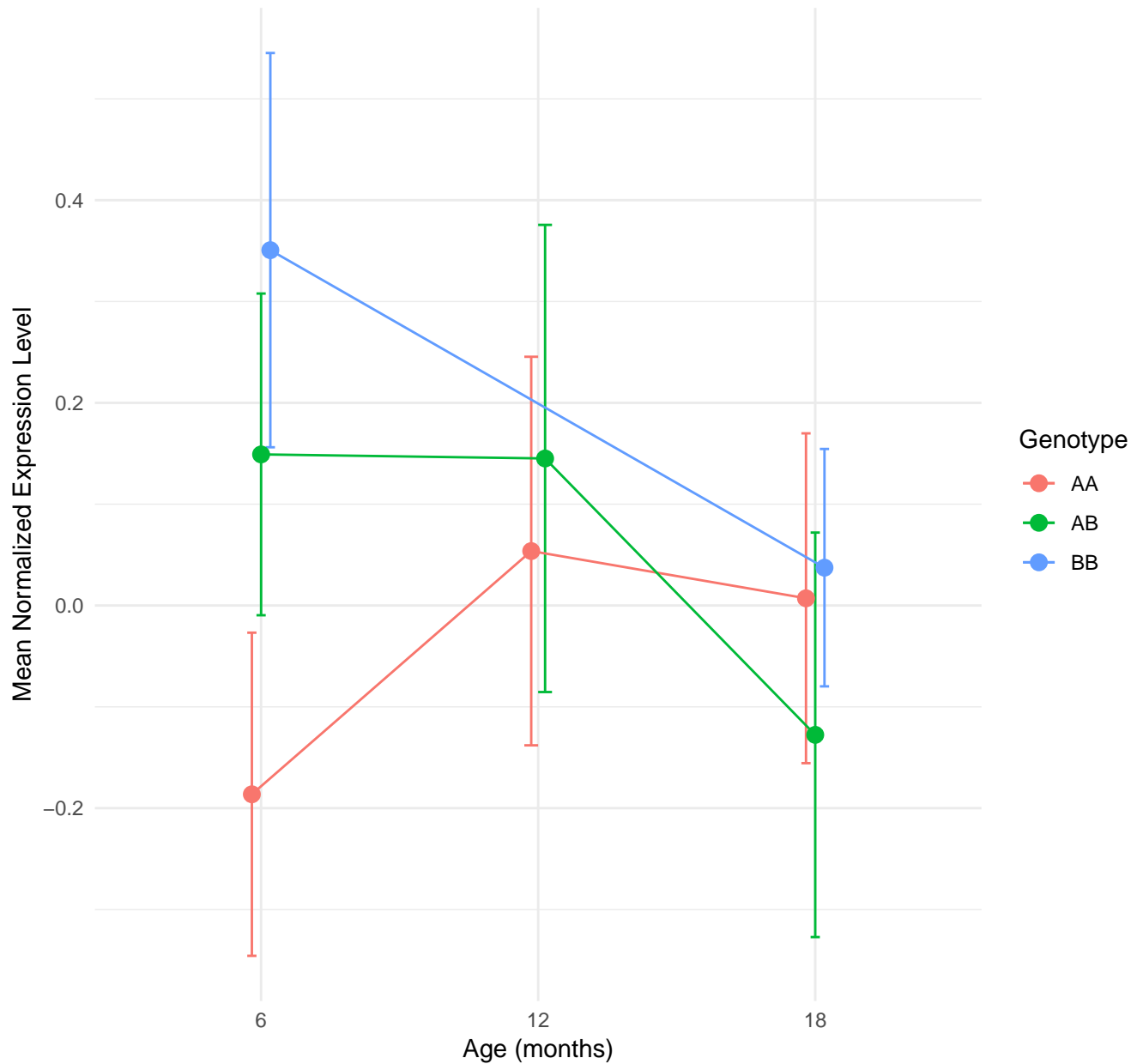by Genotype at Chr3, 147447226bp

MYH3 (ENSMUSP00000104329) Expression vs Age (Males)
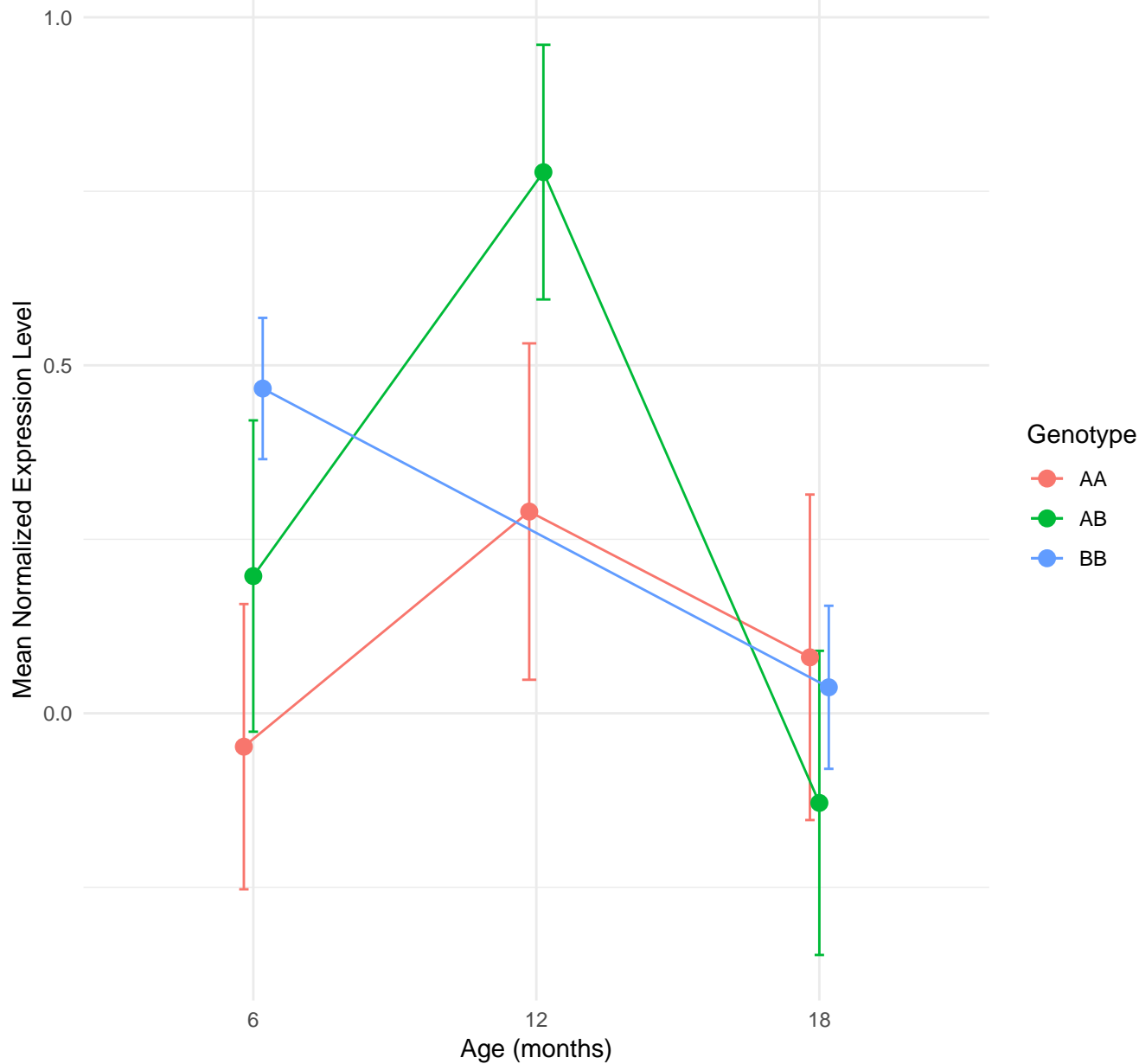by Genotype at Chr3, 147447226bp

MYH3 (ENSMUSP00000104329) Expression vs Age (Females)
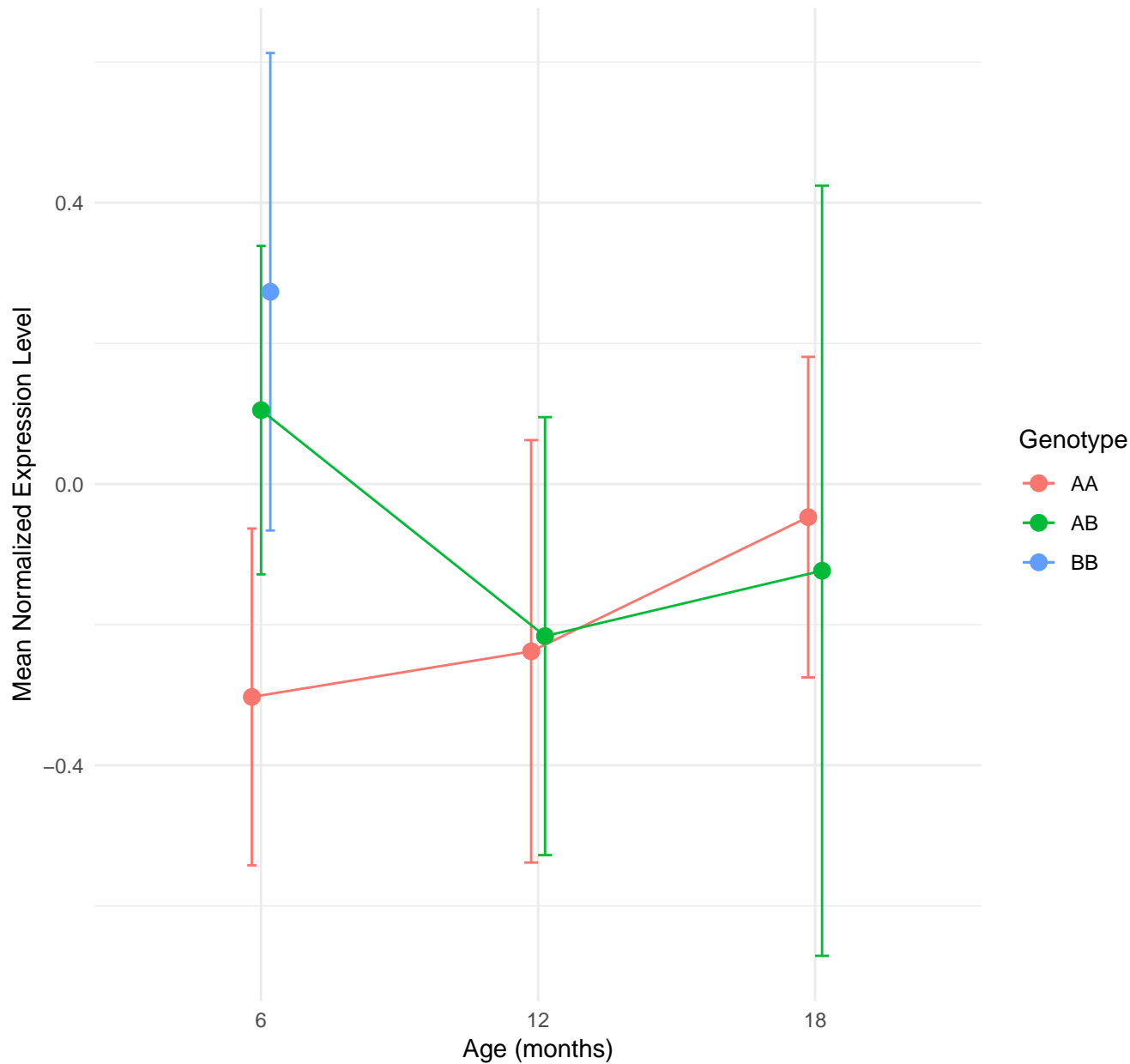by Genotype at Chr3, 147447226bp

Myh3 (ENSMUSG00000020908) Expression vs Age
by Genotype at Chr3, 147447226bp

Myh3 (ENSMUSG00000020908) Expression vs Age (Males)
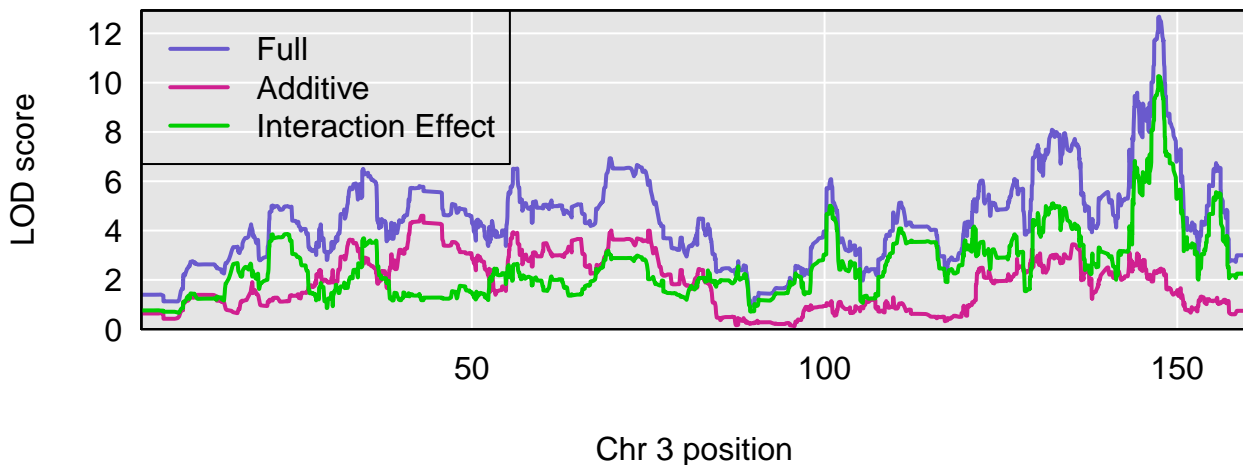by Genotype at Chr3, 147447226bp

Myh3 (ENSMUSG00000020908) Expression vs Age (Females)
by Genotype at Chr3, 147447226bp

**MYH3 (ENSMUSP00000104329) pQTL**
**Interactive Covariate = Age**

Full
Additive
Interaction Effect

LOD score

Chr 3 position

**Myh3 (ENSMUSG00000020908) eQTL**
**Interactive Covariate = Age**

Full
Additive
Interaction Effect

LOD score

Chr 3 position