Figure S4  Identification of a cis-eQTL on Chromosome 6 for Apobec1 expression. The Jackson Laboratory’s Diversity Outbred eQTL viewer data located at http://cgd.jax.org/apps/eqtviewer-beta/ was queried for eQTL associated with Apobec1 mRNA expression. A cis-eQTL on Chromosome 6 was identified as
associated with Apobec1 expression in the DO mice (LOD= 11.7). The eight coefficients of the QTL model show the effects on the phenotype contributed by each founder haplotype on Chromosome 6 (B.). These data demonstrate that A/J alleles are associated with higher expression of Apobec1.