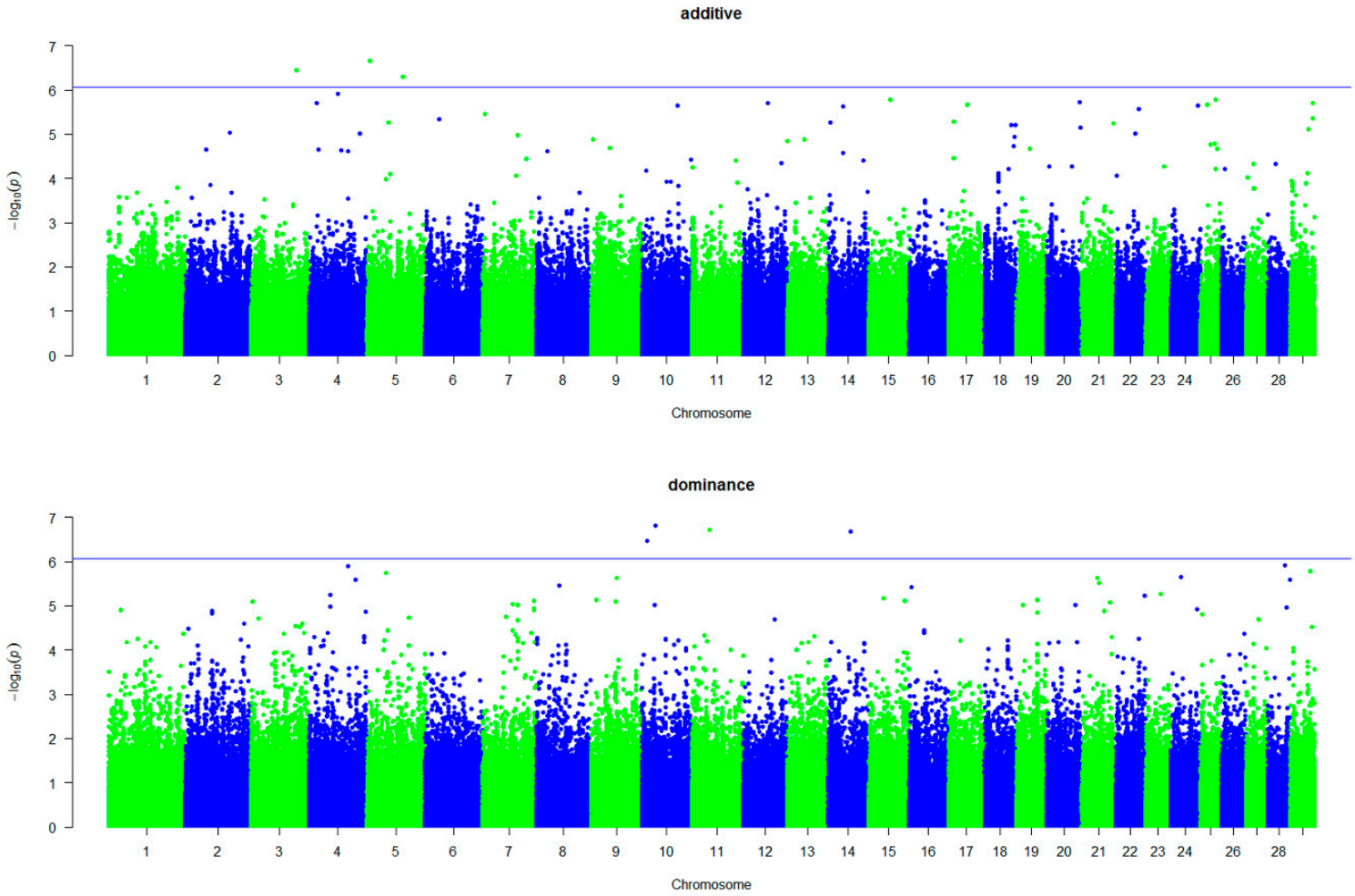
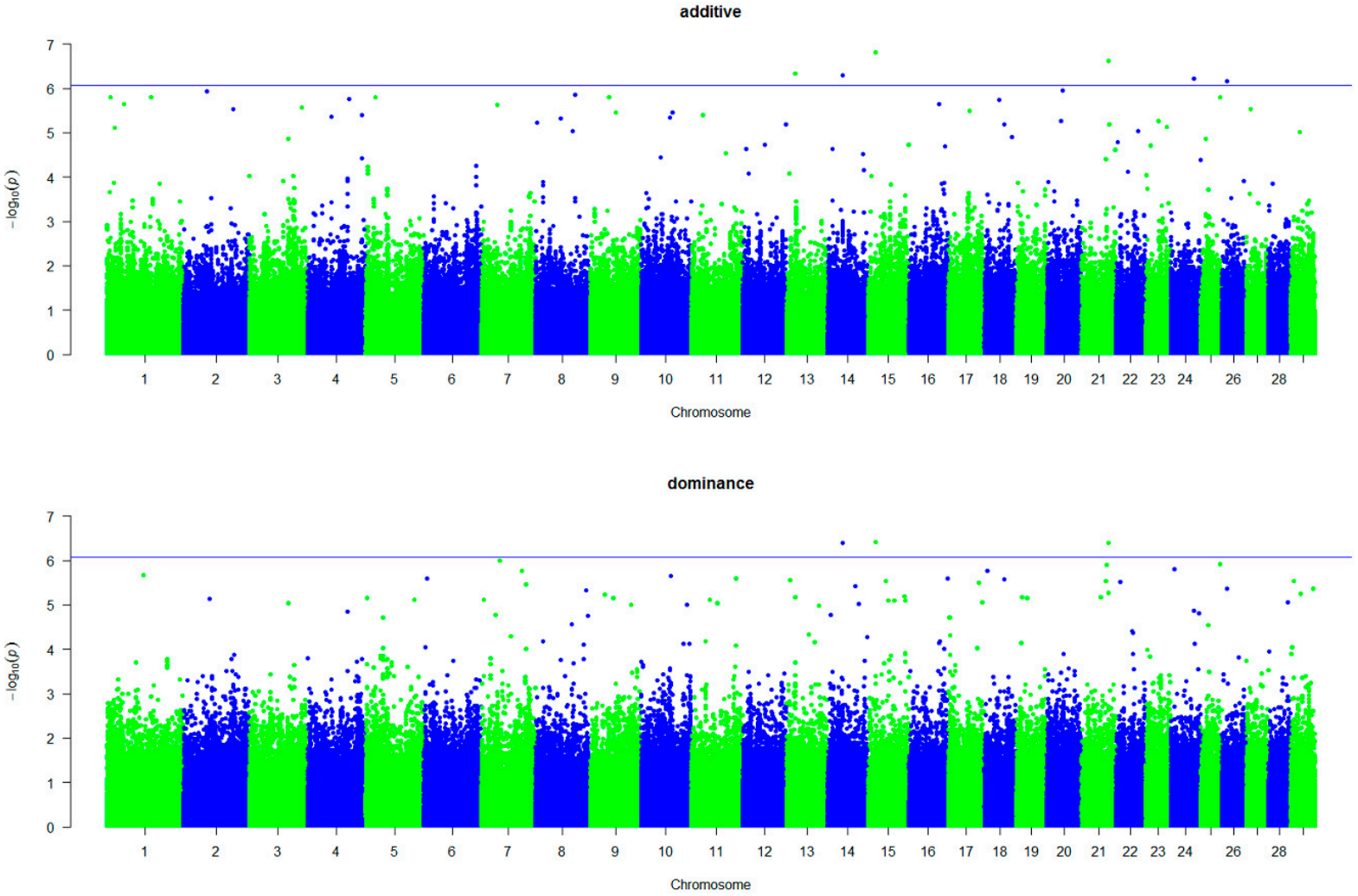
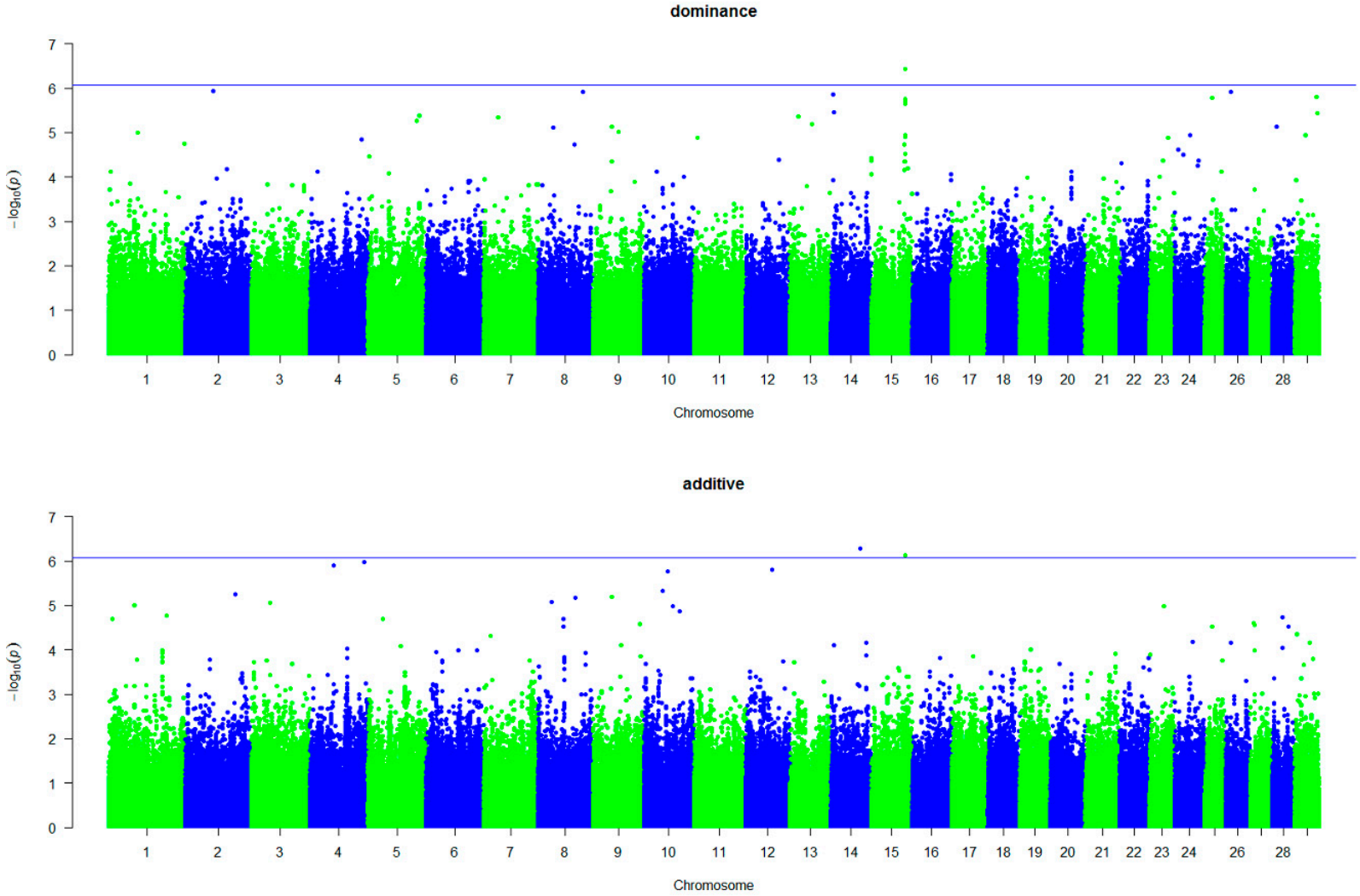


Figure S1. Manhattan plots showing the significant single nucleotide polymorphisms (SNPs) associated with chuck roll with additive and dominance effects. The X-axis represents chromosomes and the Y-axis indicates $-\log^{10}$ (*P*-value).



Additional Figure S2. Manhattan plots showing the significant single nucleotide polymorphisms (SNPs) associated with dressing percentage with additive and dominance effects. The X-axis represents chromosomes and the Y-axis indicates $-\log^{10}$ (*P*-value).



Additional Figure S3. Manhattan plots showing the significant single nucleotide polymorphisms (SNPs) associated with meat percentage with additive and dominance effects. The X-axis represents chromosomes and the Y-axis indicates $-\log^{10}(P\text{-value})$.