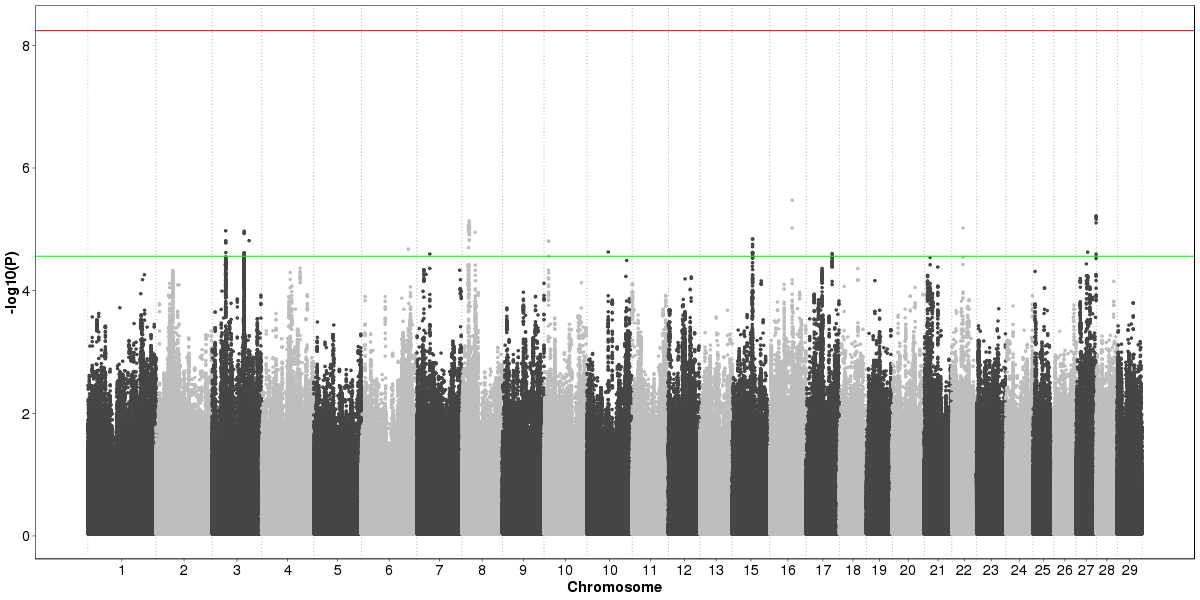
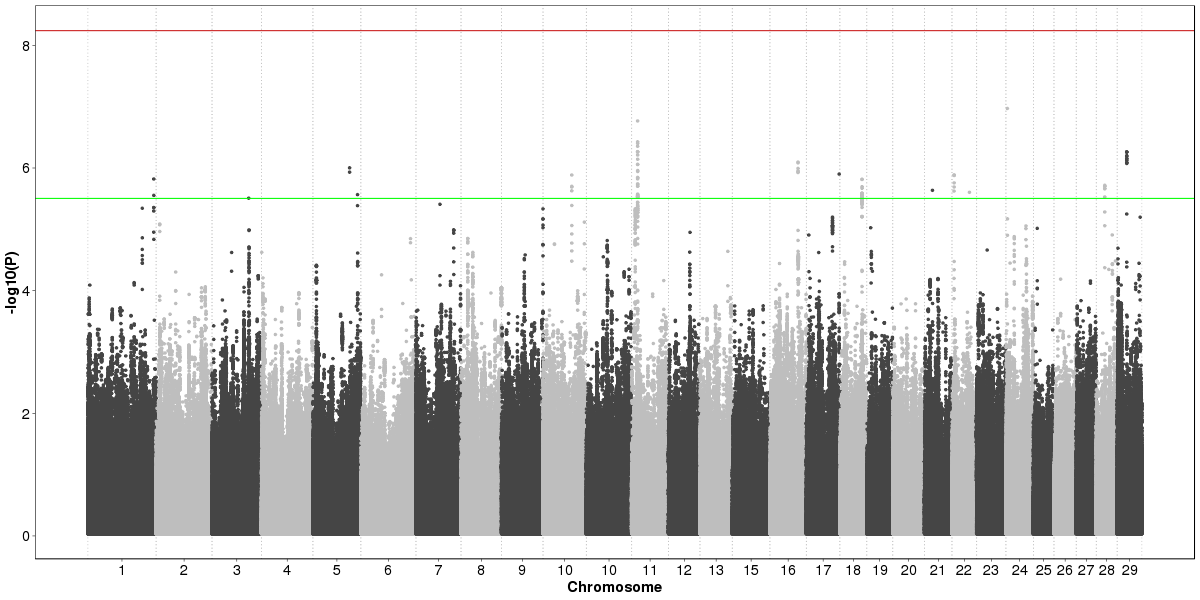


a



b



c

**Figure S1 Manhattan plots of residual feed intake (a), residual gain (b) and feed efficiency ratio (c)**

Red line denotes the Bonferroni correction threshold for genome-wide type I error rate of 5% and green line represents the top 100 SNP with the highest –log10(P).