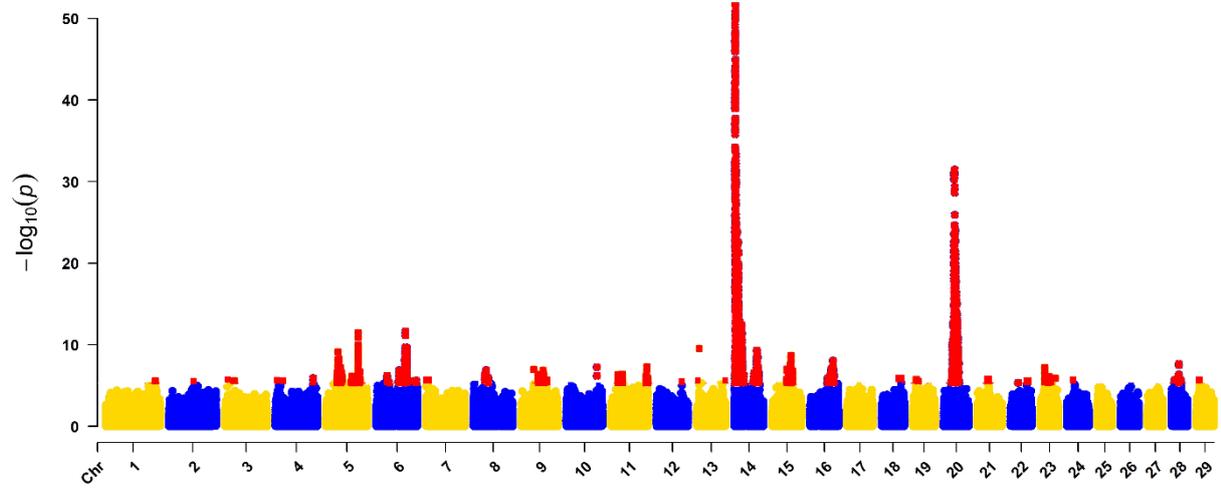
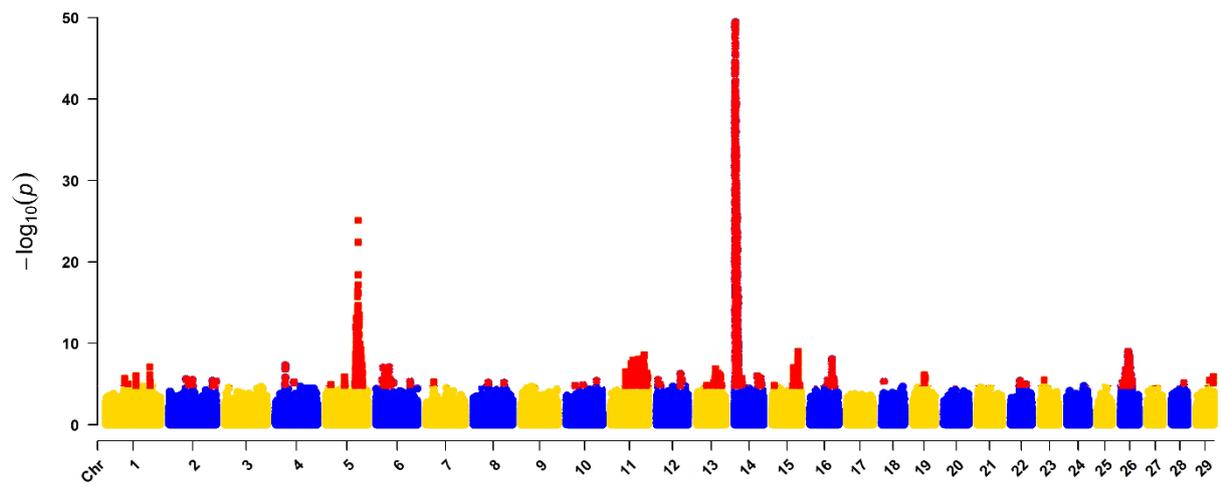


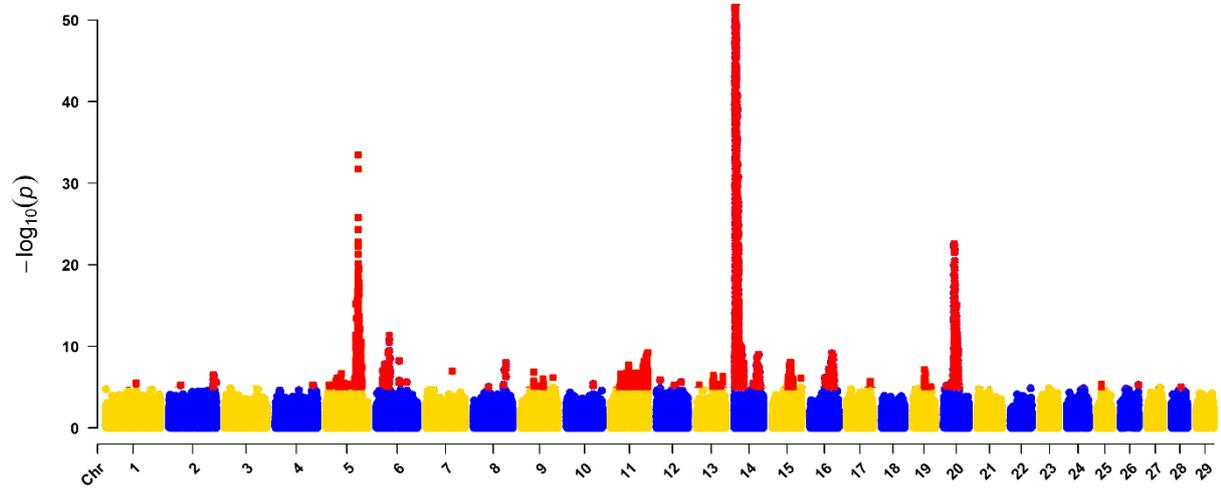
(a) MILK



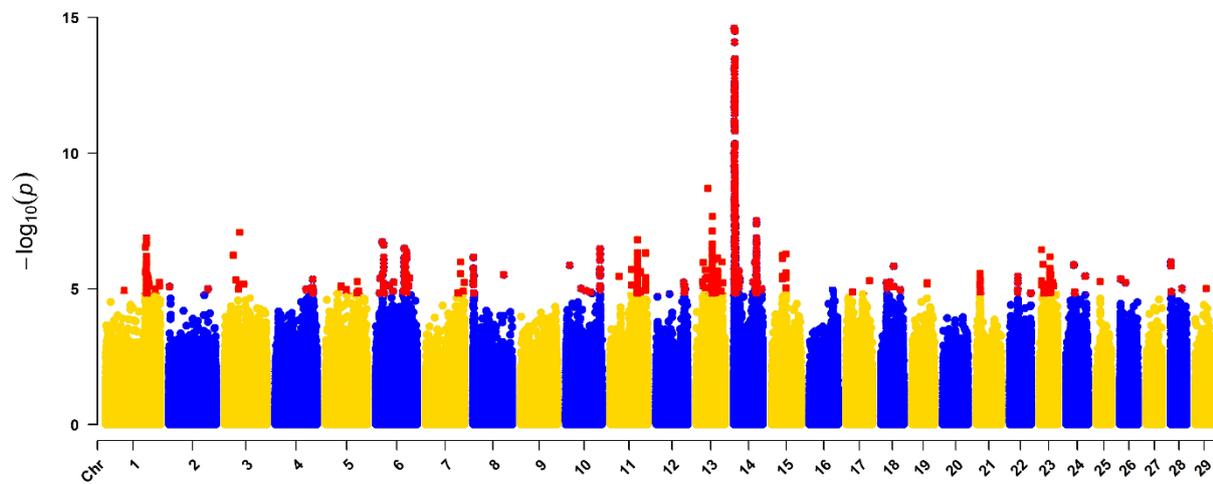
(b) FAT



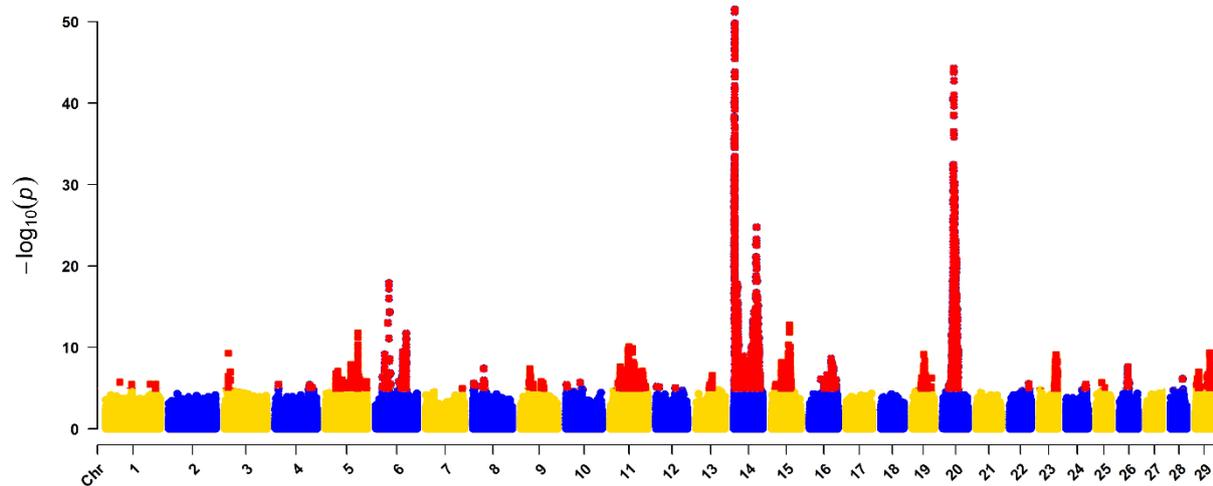
(c) FAT%



(d) PROT



(e) PROT%



**Supplementary File S1.** Manhattan plots with truncated Y-axis for the GWAS results for milk yield (MILK), fat yield (FAT), fat percentage (FAT%), protein yield (PROT) and protein percentage (PROT%) based on imputed whole-genome sequence data. Statistically significant SNP are represented by red dots.