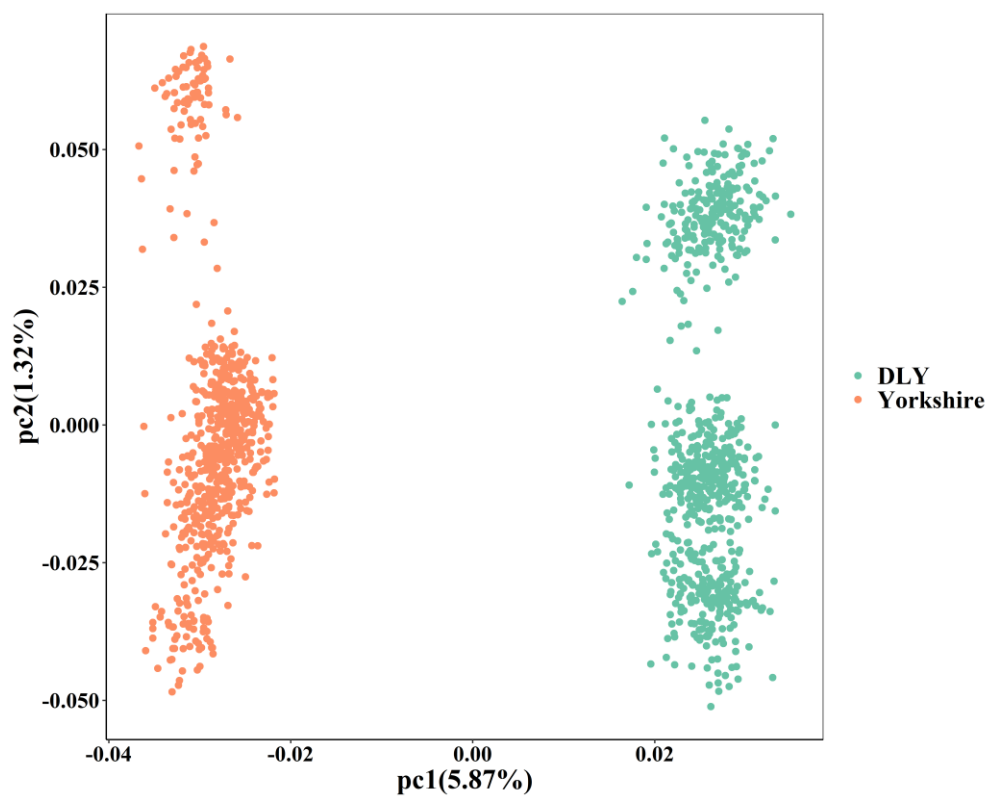


**Figure S1:** Corrected phenotypic distribution of 651 Yorkshire pigs. (a) Phenotypic distribution of backfat thickness (BFT) trait and (b) Phenotypic distribution of loin muscle area (LMA) trait;



**Figure S2:** Genetic structure of two populations (DLY and Yorkshire pigs), scatter plots of the first two principal components of genotype matrix for SNPs