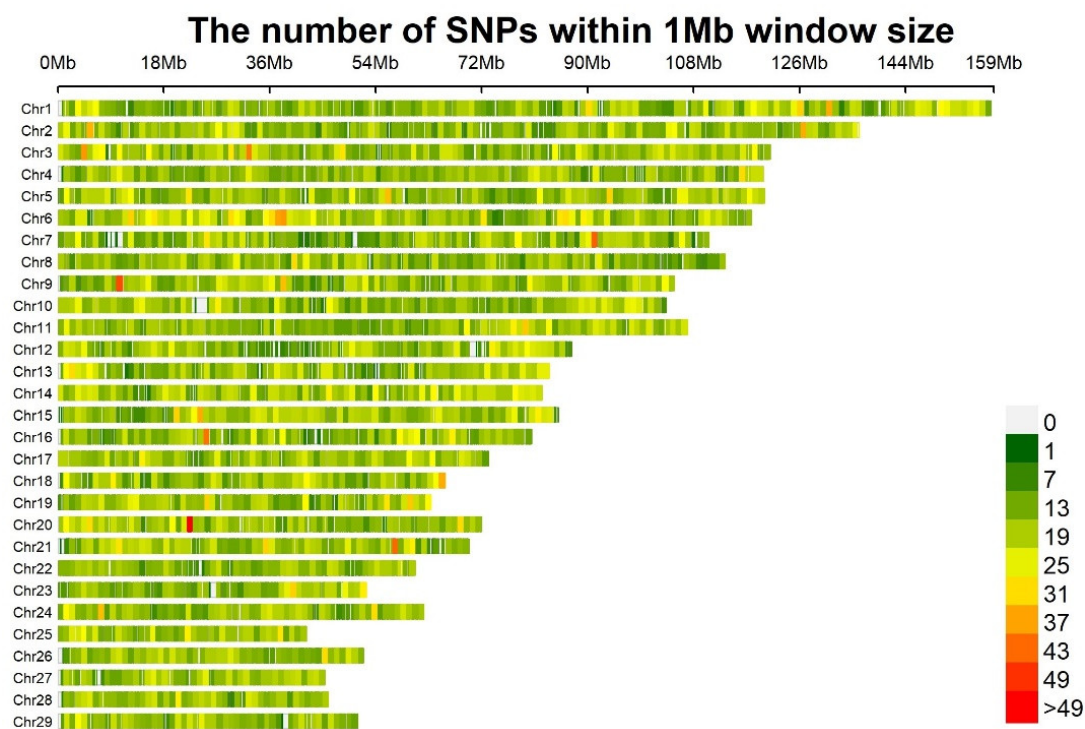
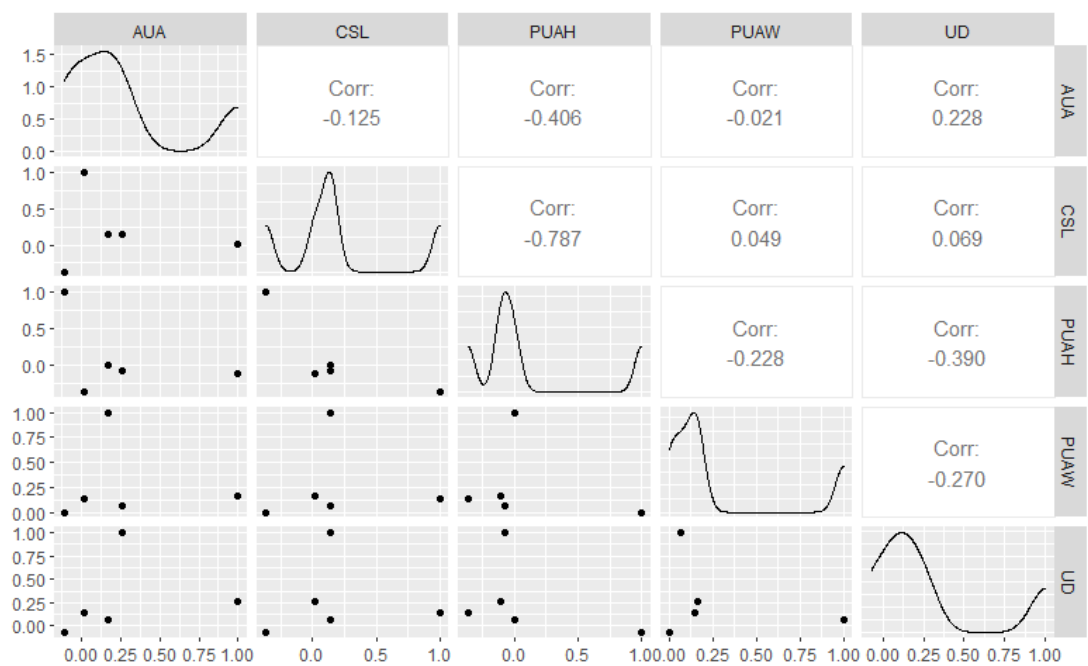


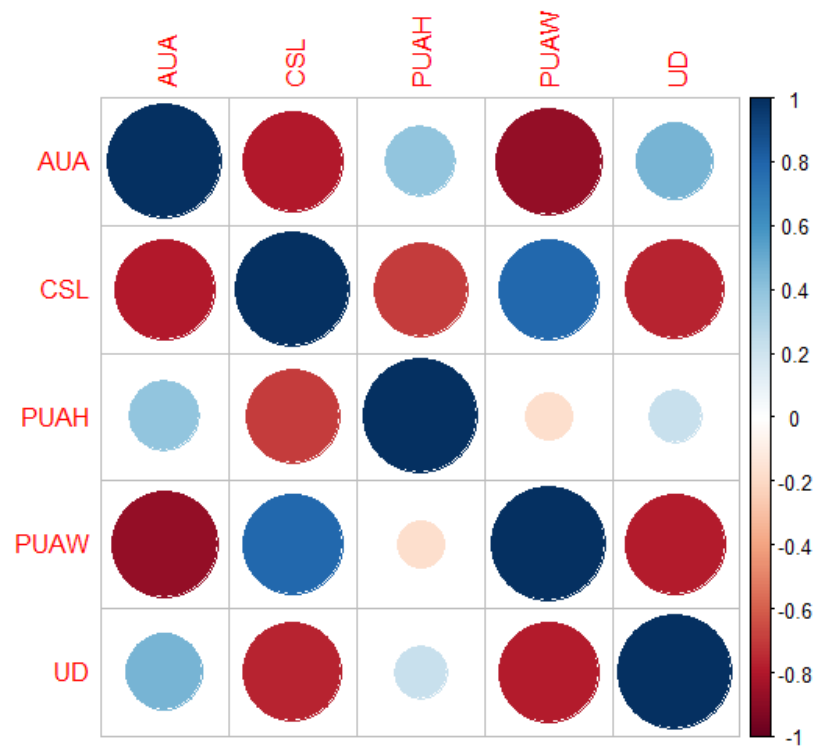
**Figure S1.** The distribution of the SNP information on 29 chromosomes within 1 Mb window size.



**Figure S2.** The distribution and correlation of the phenotypes among the udder structure traits in Chinese Holstein cattle.



**Figure S3.** The genotypic correlation among the udder structure traits in Chinese Holstein Cattle.



**Figure S4.** Kyoto encyclopedia of genes and genomes (KEGG) pathways analysis for udder structure conformation traits.

