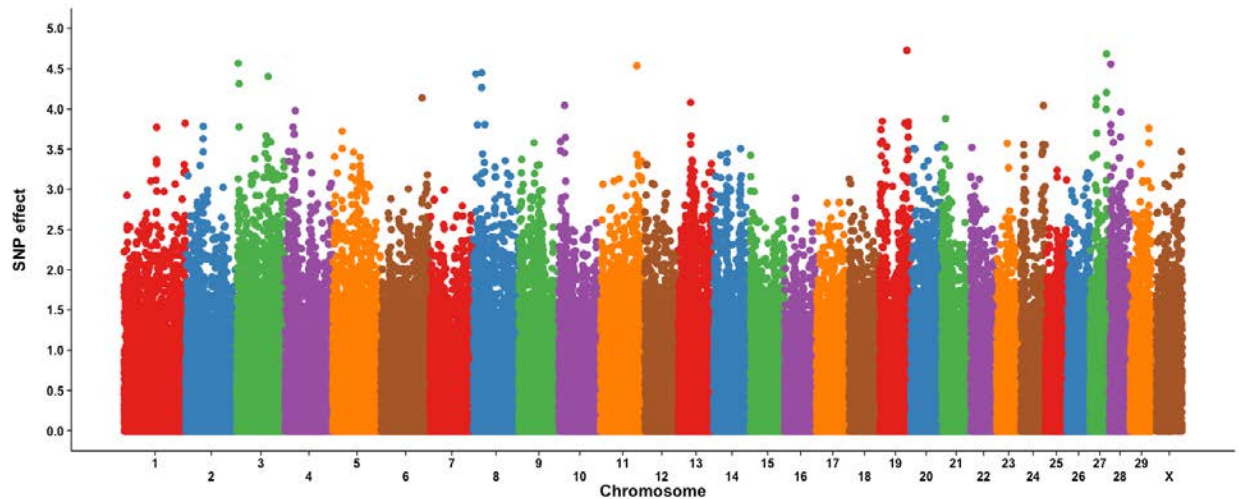**Supplementary Figure S1.** Manhattan plot of standardized SNP effects (absolute value of SNP effect / standard deviation of SNP variance) associated with total structures recovered in the superovulation dataset with logarithmic transformation.
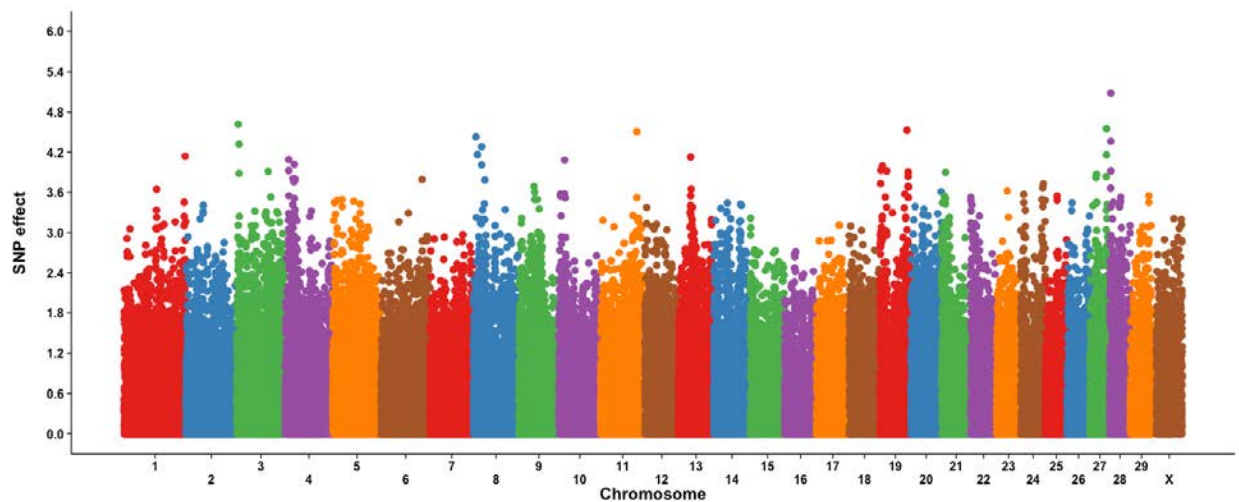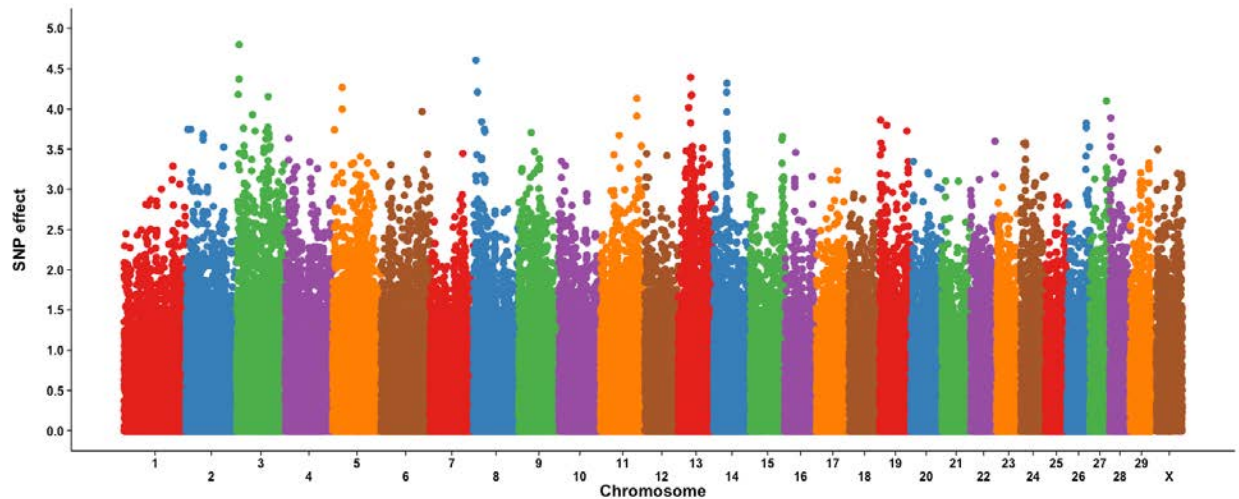

Supplementary Figure S2. Manhattan plot of standardized SNP effects (absolute value of SNP effect / standard deviation of SNP variance) associated with total structures recovered in the superovulation dataset with Anscombe transformation.

Supplementary Figure S3. Manhattan plot of standardized SNP effects (absolute value of SNP effect / standard deviation of SNP variance) associated with number of good embryos in the superovulation dataset with logarithmic transformation.

Supplementary Figure S4. Manhattan plot of standardized SNP effects (absolute value of SNP effect / standard deviation of SNP variance) associated with number of good embryos in the superovulation dataset with Anscombe transformation.