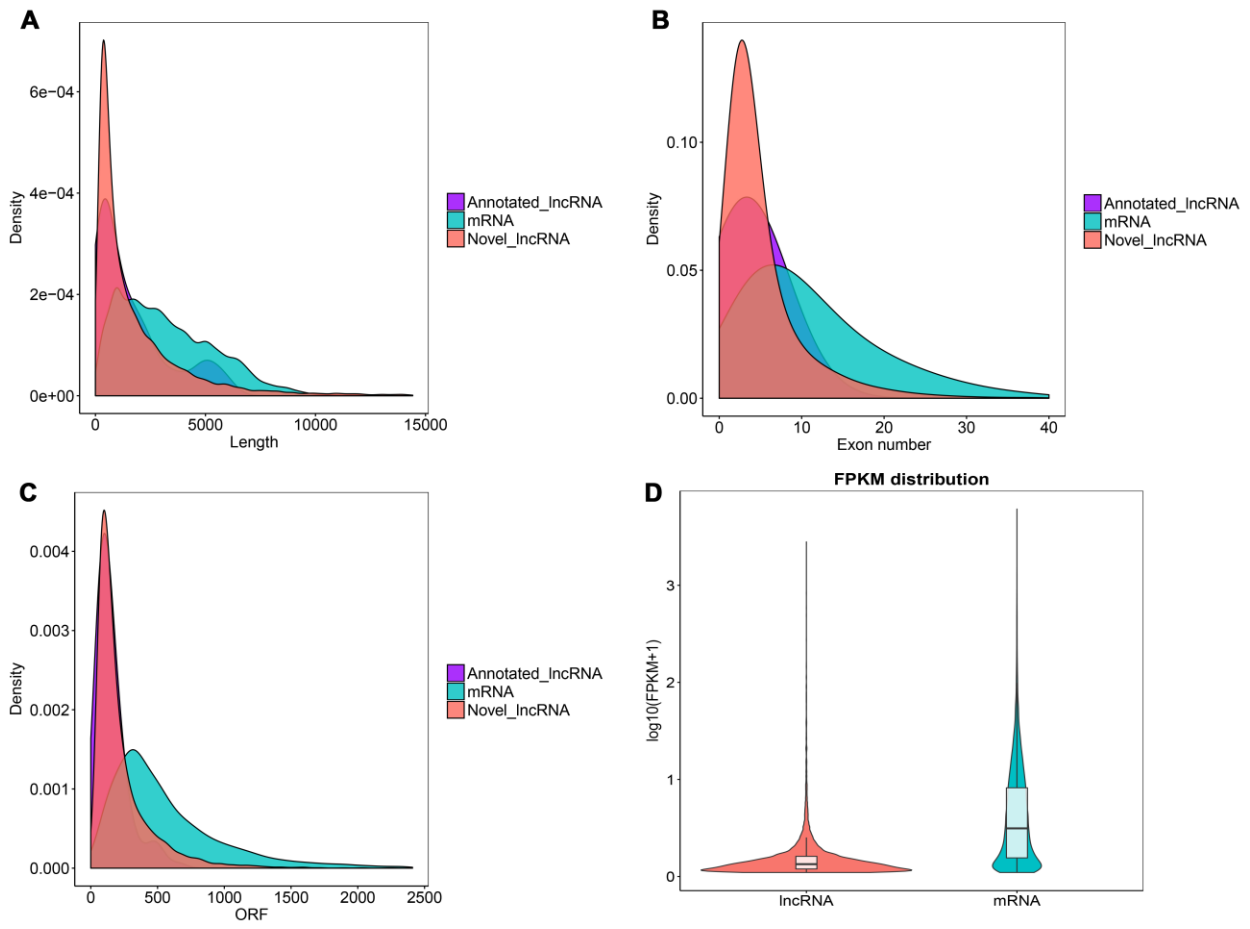


1 **Supplementary Materials**

2



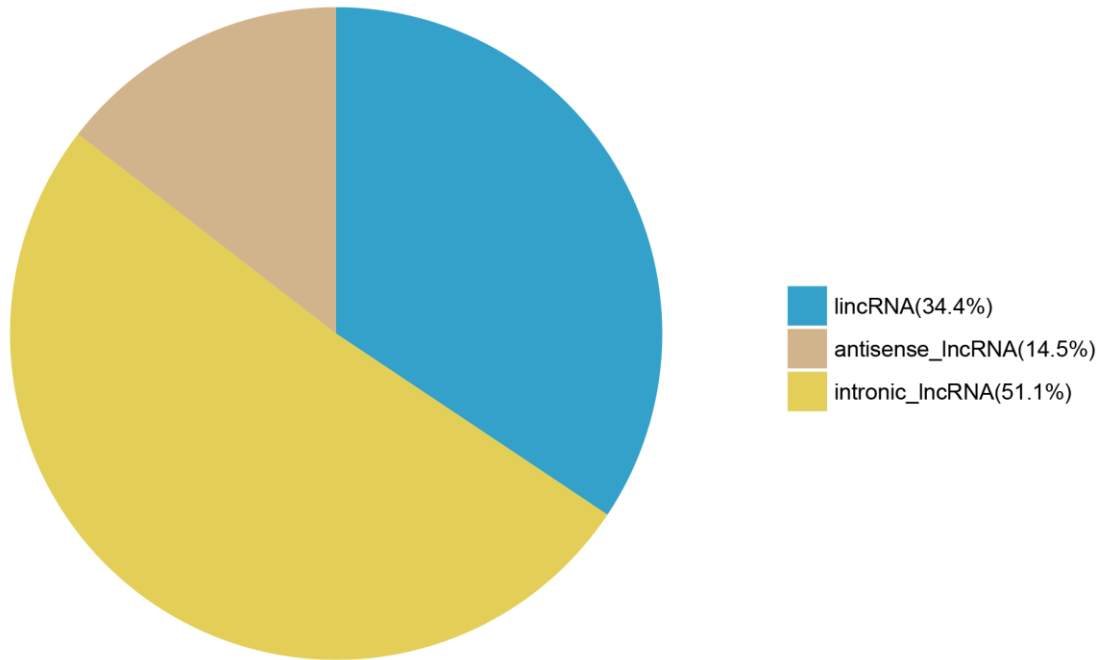
3

4 **Figure S1:** The characteristics of lncRNAs.

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6

lncRNA classification

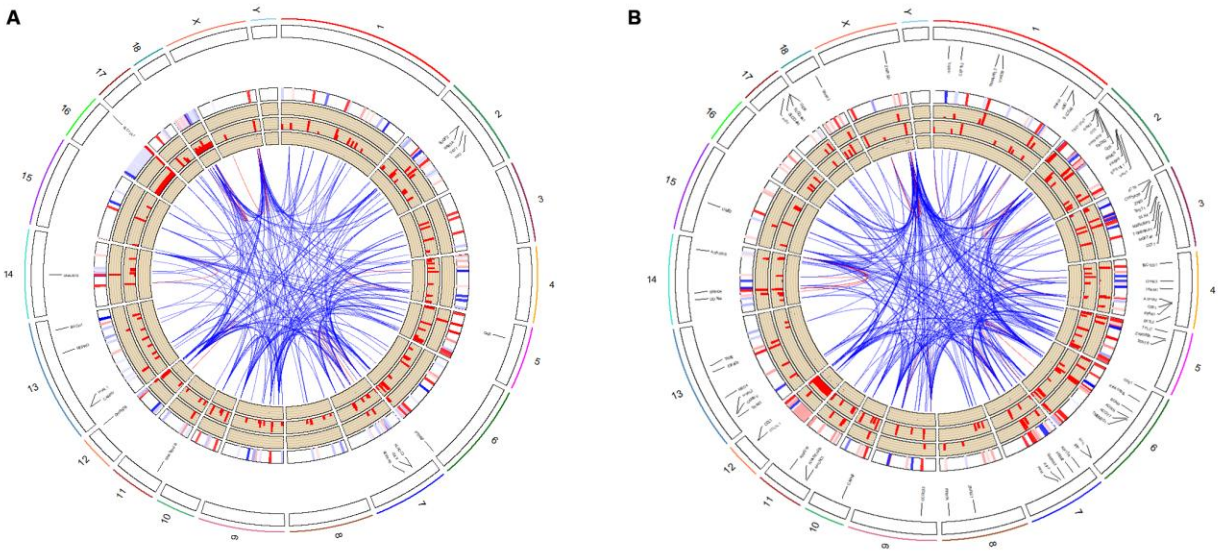


7

8 **Figure S2:** The classification of lncRNAs in this study.

9

10

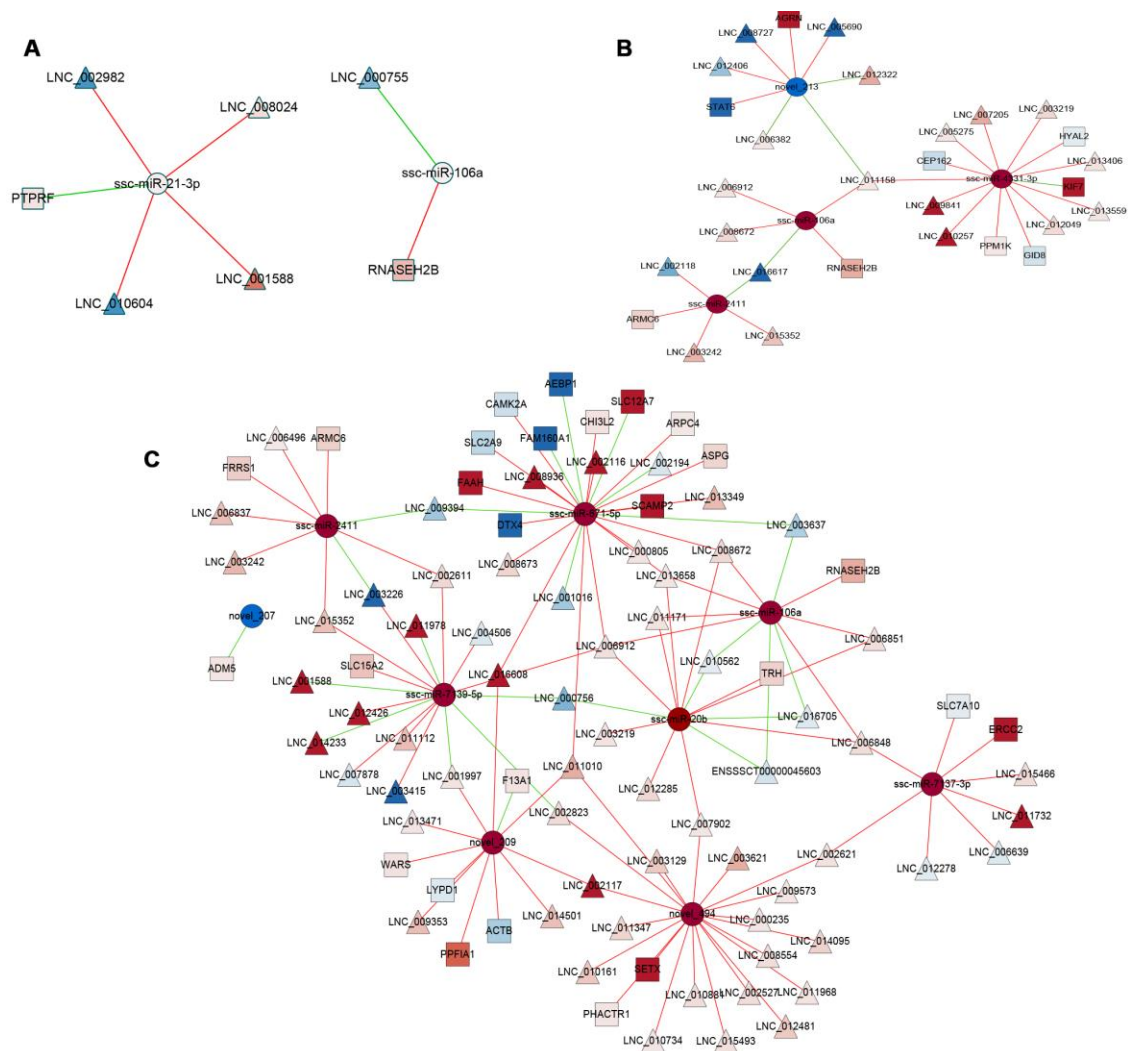


11

12 **Figure S3:** The positions of DE miRNAs, DE lncRNAs, and target DEGs in the chromosomes and the relationship of
 13 DE miRNAs, DE lncRNAs, and target DEGs in the HPS group and PRRSV group. **(A)** The Circos plots of
 14 DE miRNAs, DE lncRNAs, and target differentially expressed genes in the HPS group. **(B)** The Circos plots of
 15 DE miRNAs, DE lncRNAs, and target differentially expressed genes in the PRRSV group.

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19 **Figure S4:** Regulatory network of lncRNAs and mRNA-miRNAs of HPS (A), PRRSV (B), and PRRSV-HPS (C)
 20 groups. The rectangles indicate mRNAs, the triangles represent lncRNAs, and the circles indicate miRNAs. A
 21 gradient from green to red represents downregulated to upregulated, respectively.