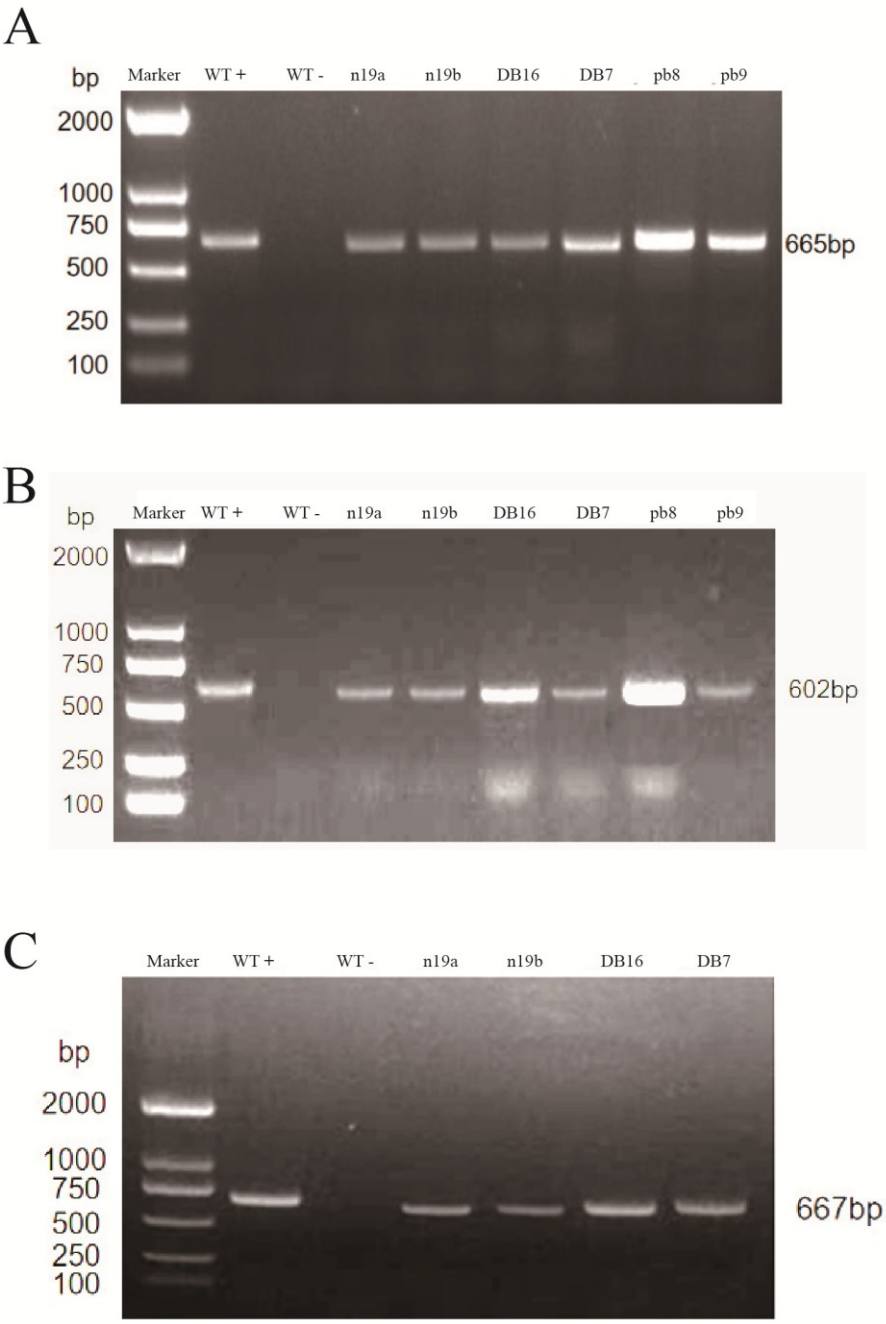


Figure S1. PCR detection of exogenous genes in transgenic lines. (A) Detection of the *nptII* gene in transgenic lines; (B) Detection of the *Cry1Ac* gene in transgenic lines; (C) Detection of the *Cry3A* gene in transgenic lines.

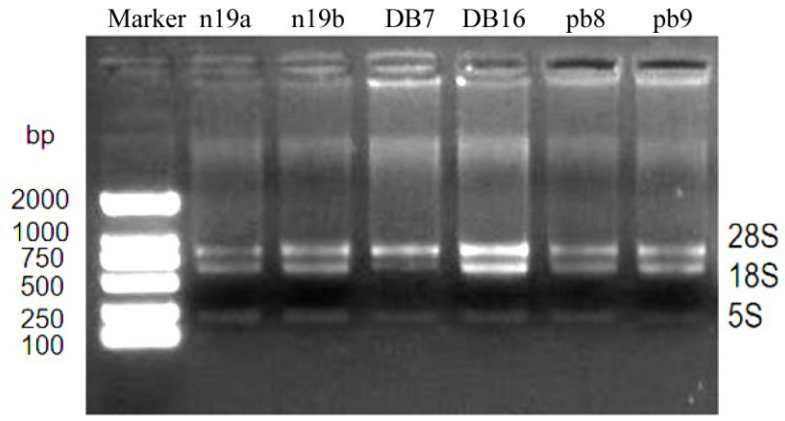


Figure S2. RNA quality was assessed by 1.5% agarose gel electrophoresis.

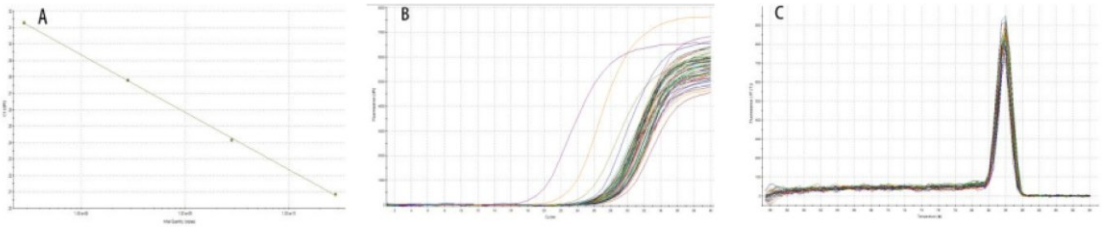


Figure S3. Analysis of the *Cry1Ac* gene by qRT-PCR. (A) Standard curve. (B) Amplification curve. (C) Melting curve.

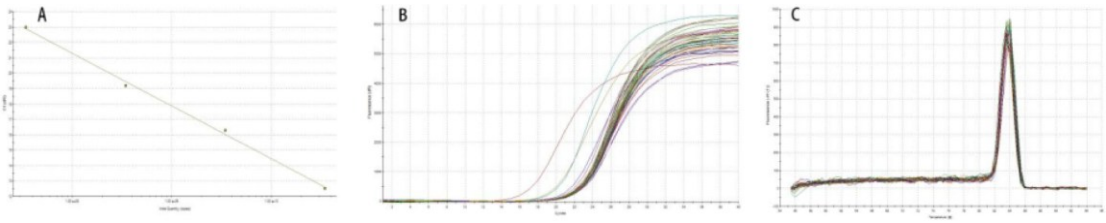


Figure S4. Analysis of the *Cry3A* gene by qRT-PCR. (A) Standard curve. (B) Amplification curve. (C) Melting curve.

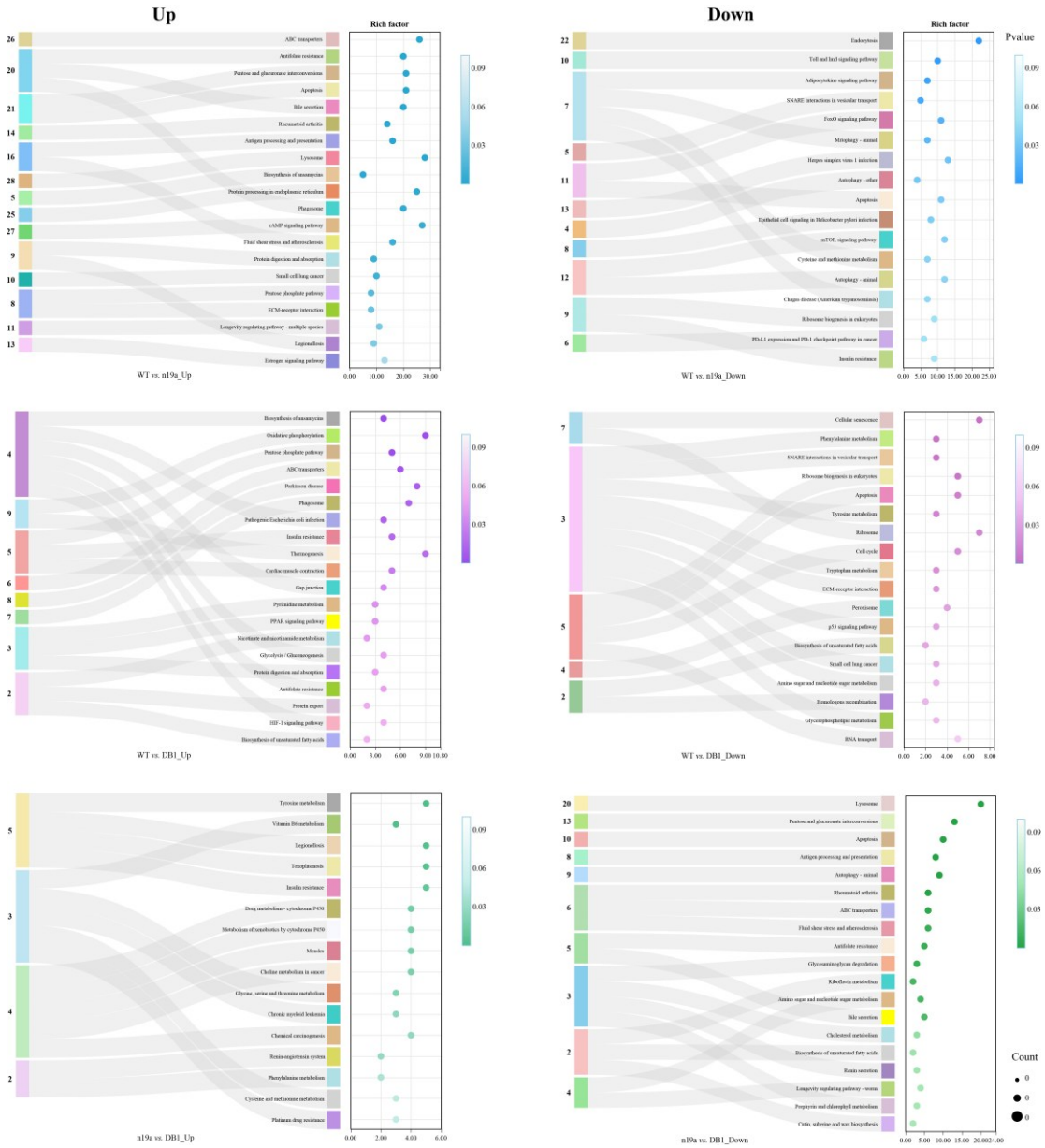


Figure S5. Significantly enriched KEGG pathways in each comparison group.