

Figure S1. The PCA analysis of RNA-seq data

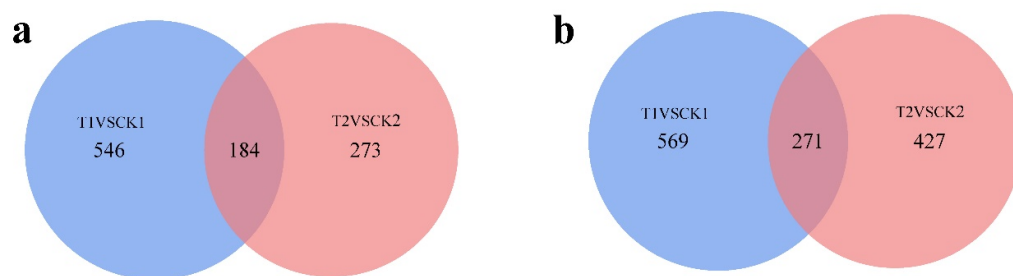


Figure S2. (a) Venn diagram of upregulated DEGs revealed in pair-wise comparisons; (b) Venn diagram of downregulated DEGs revealed in pair-wise comparisons

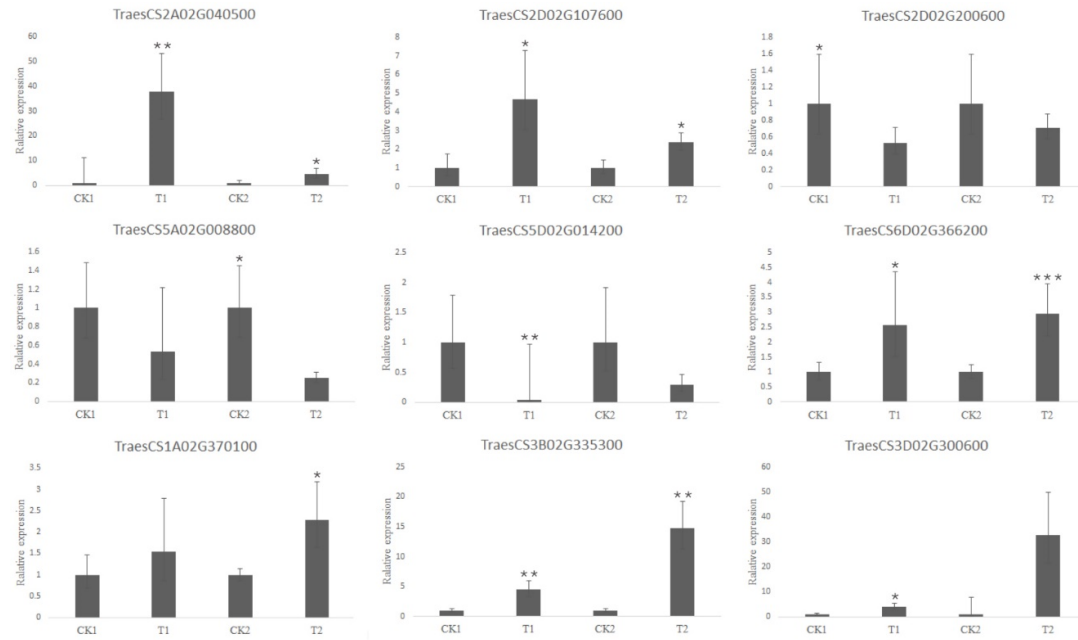


Figure S3. qRT-PCR validation of the DEGs of young embryos infected with *Agrobacterium tumefaciens*. * indicates significant difference at $p < 0.05$, ** indicates significant difference at $p < 0.01$, and *** indicates significant difference at $p < 0.001$.

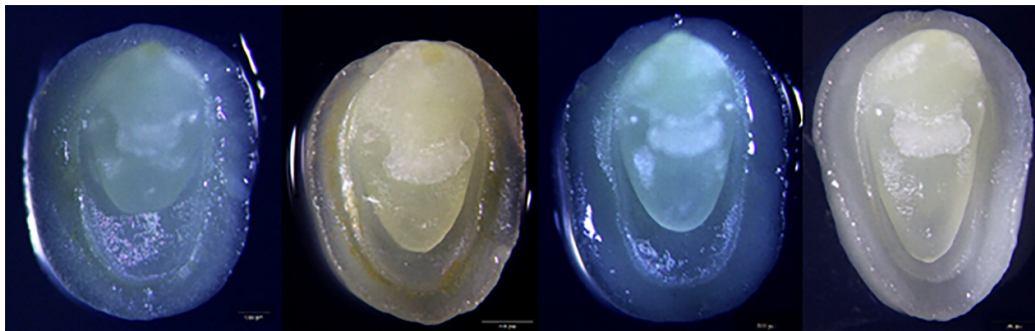


Figure S4. Wheat immature embryo of 2-2.5 mm in length used in the study