

SUPPLEMENTARY FIGURES

FIGURE S1. Gene expression distribution. The distribution of gene expression levels for different samples is illustrated by box plots. The X-axis represents sample names, the Y-axis on the left indicates the $\log_2(\text{FPKM} + 1)$. The Box plots for each region are plotted against five statistics (maximum, upper quartile, median, lower quartile and minimum).

FIGURE S2. Pearson correlation analysis of gene expression levels between samples. The X-axis and Y-axis in the graph are the squares of the correlation coefficients for each sample.

FIGURE S3. GO functional annotation of differentially expressed genes (DEGs) in the control and high concentration ABA-treated (HA) *P. notoginseng* seeds during after-ripening process. Top 30 most enriched GO terms of DEGs between CK_0 vs HA_0.

FIGURE S4. KEGG enrichment analysis of differentially expressed genes (DEGs) in the control and HA treated *P. notoginseng* seeds during after-ripening process. (A) Top 20 most enriched KEGG pathways of up-regulated genes between CK_0 vs HA_0. (B) Top 20 most enriched KEGG pathways of down-regulated genes between CK_0 vs HA_0. (C) Top 20 most enriched KEGG pathways of down-regulated genes between CK_30 vs HA_30. (D) Top 20 most enriched KEGG pathways of down-regulated genes between CK_50 vs HA_50.

FIGURE S5. KEGG signaling pathway network analysis for plant hormone signaling transduction in the control and HA treated *P. notoginseng* seeds at 30 days after-ripening process. Red indicates up-regulation of gene expression, green indicates down-regulation of gene expression.

FIGURE S6. KEGG signaling pathway network analysis for MAPK signaling pathway-plant in the control and HA treated *P. notoginseng* seeds at 30 days after-ripening process. Red indicates up-regulation of gene expression, green indicates down-regulation of gene expression.

Figure S1

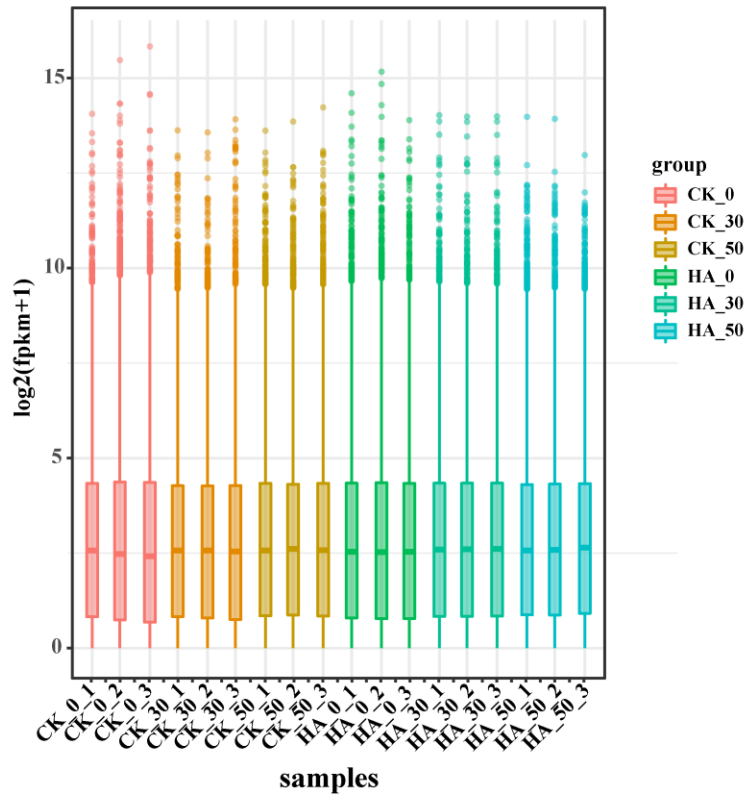


Figure S2

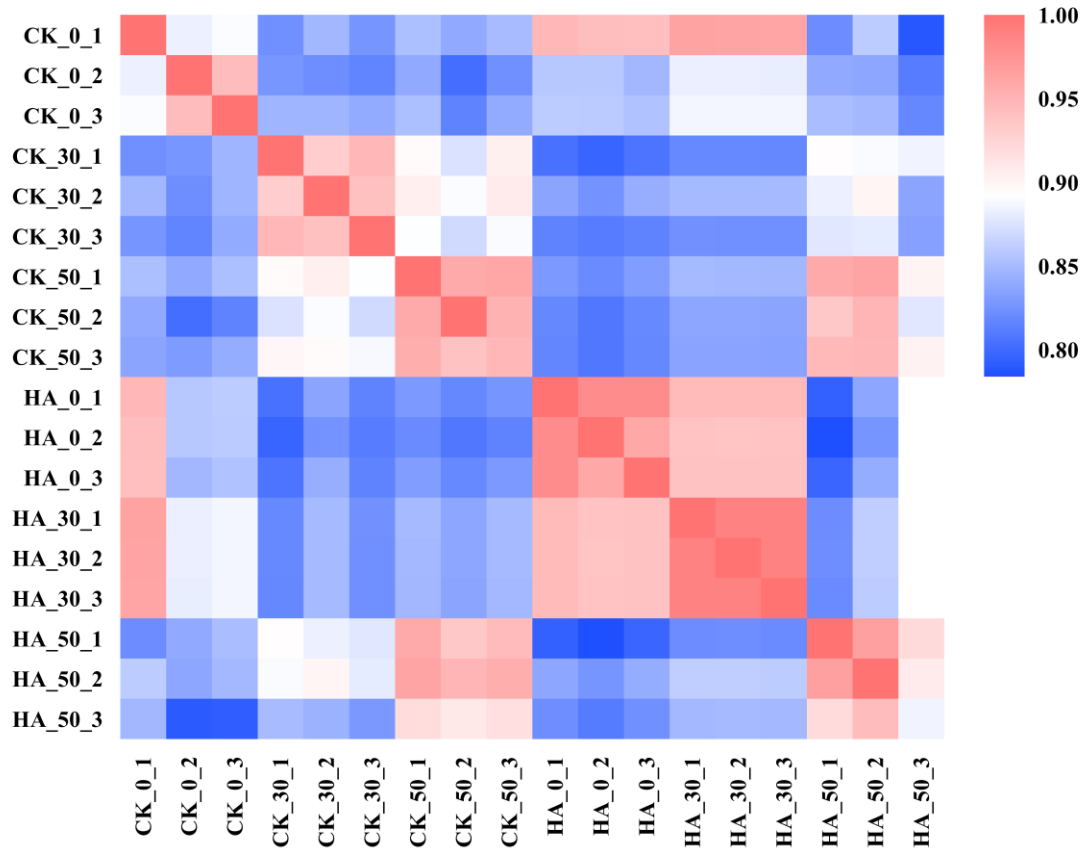


Figure S3

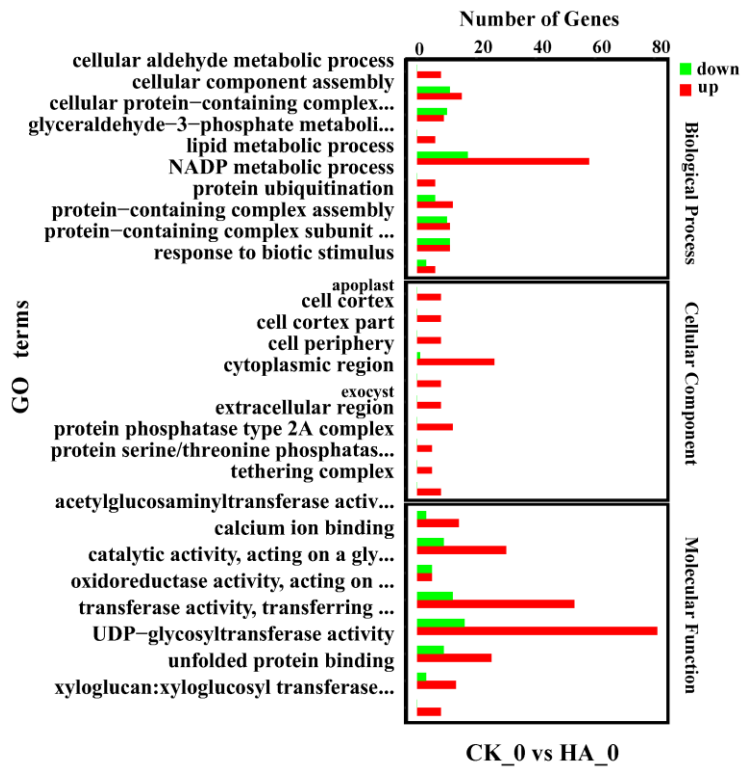


Figure S4

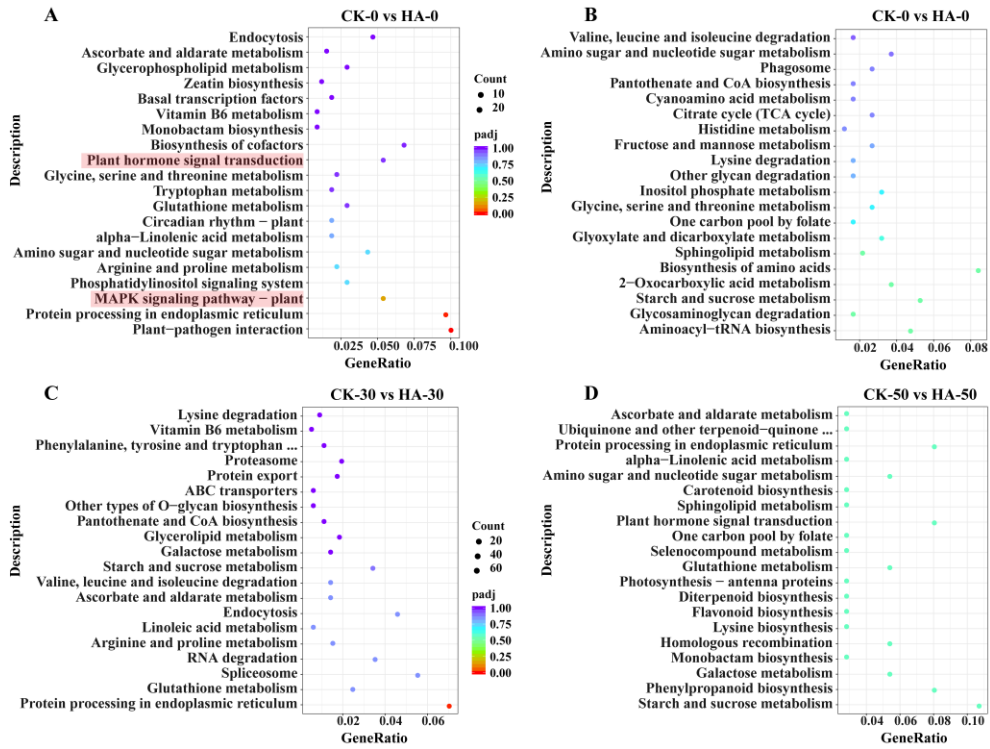


Figure S5

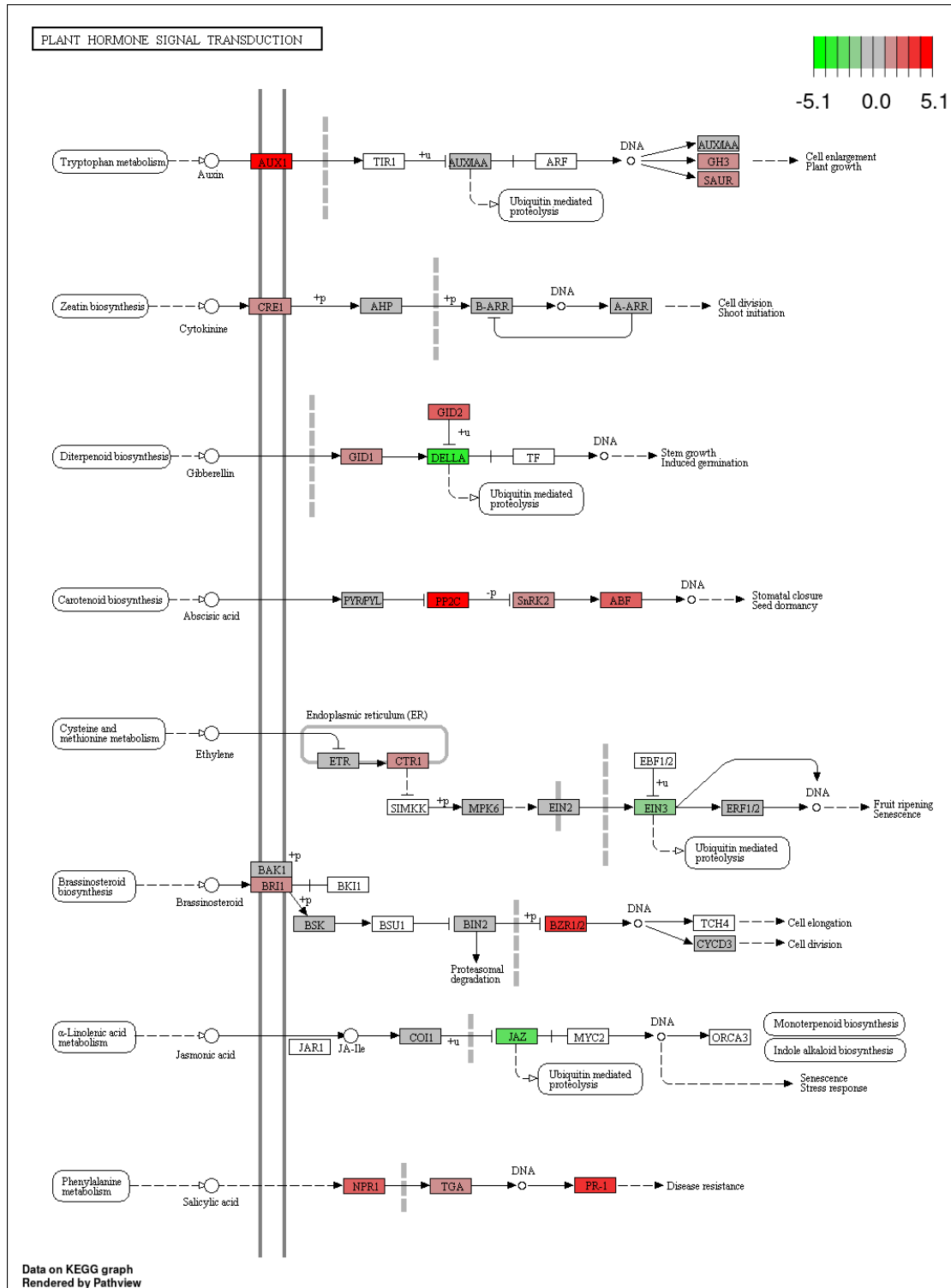


Figure S6

