

**Acceleration of Carbon Fixation in Chilling-sensitive Banana
under Mild and Moderate Chilling Stresses**

**Jing Liu^a, Tomáš Takáč^b, Ganjun Yi^c, Houbin Chen^a, Yingying Wang^a, Jian
Meng^a, Weina Yuan^a, Yehuan Tan^a, Jozef Šamaj^b, Chunxiang Xu^{a*}**

Supporting Information Figs S1-S5

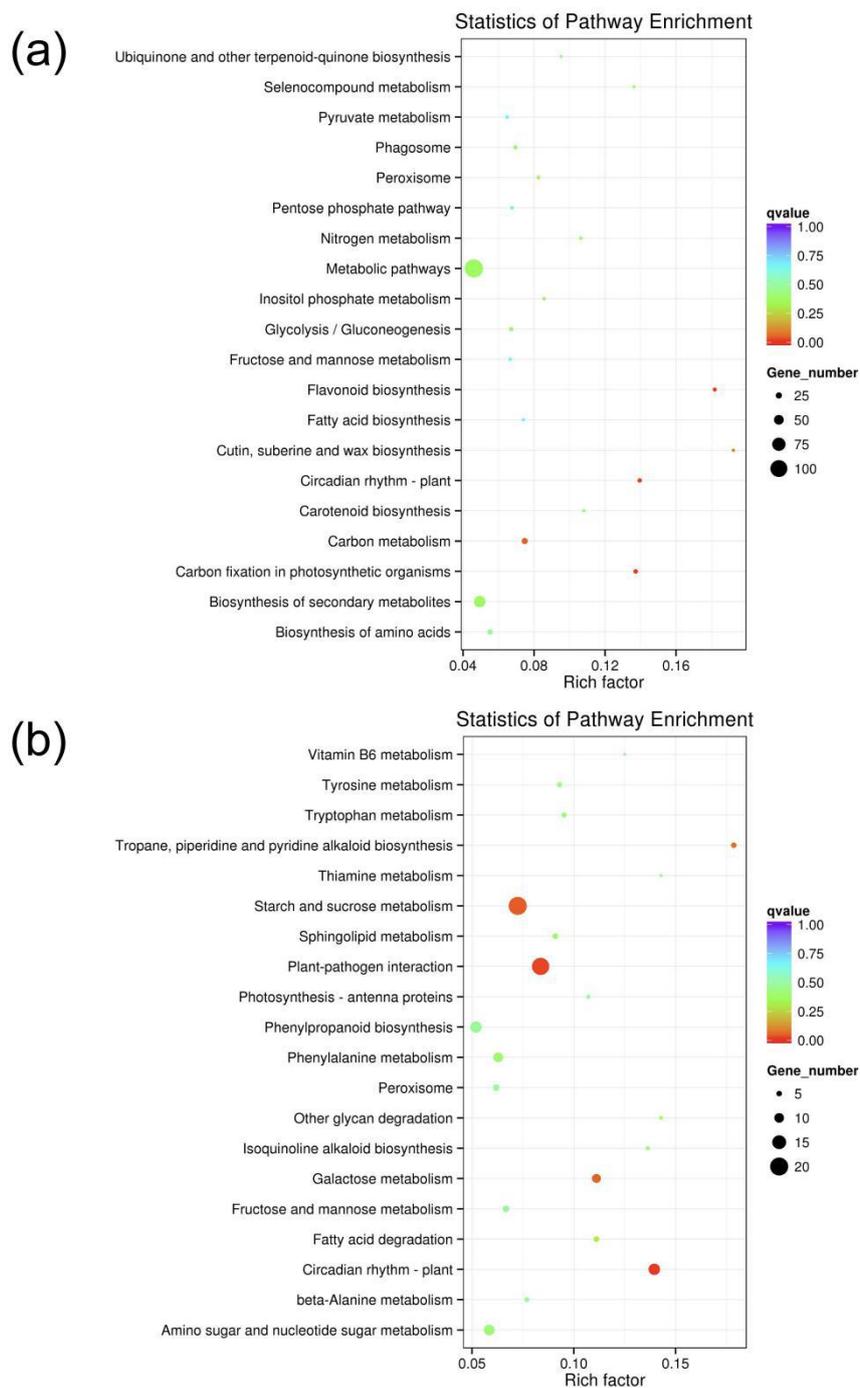


Fig. S1 The top 20 KEGG pathways related to up- and downregulated genes in banana (*Musa* spp.

AAA) induced by 16°C

a KEGG pathways related to upregulated genes; **b** KEGG pathways related to downregulated genes

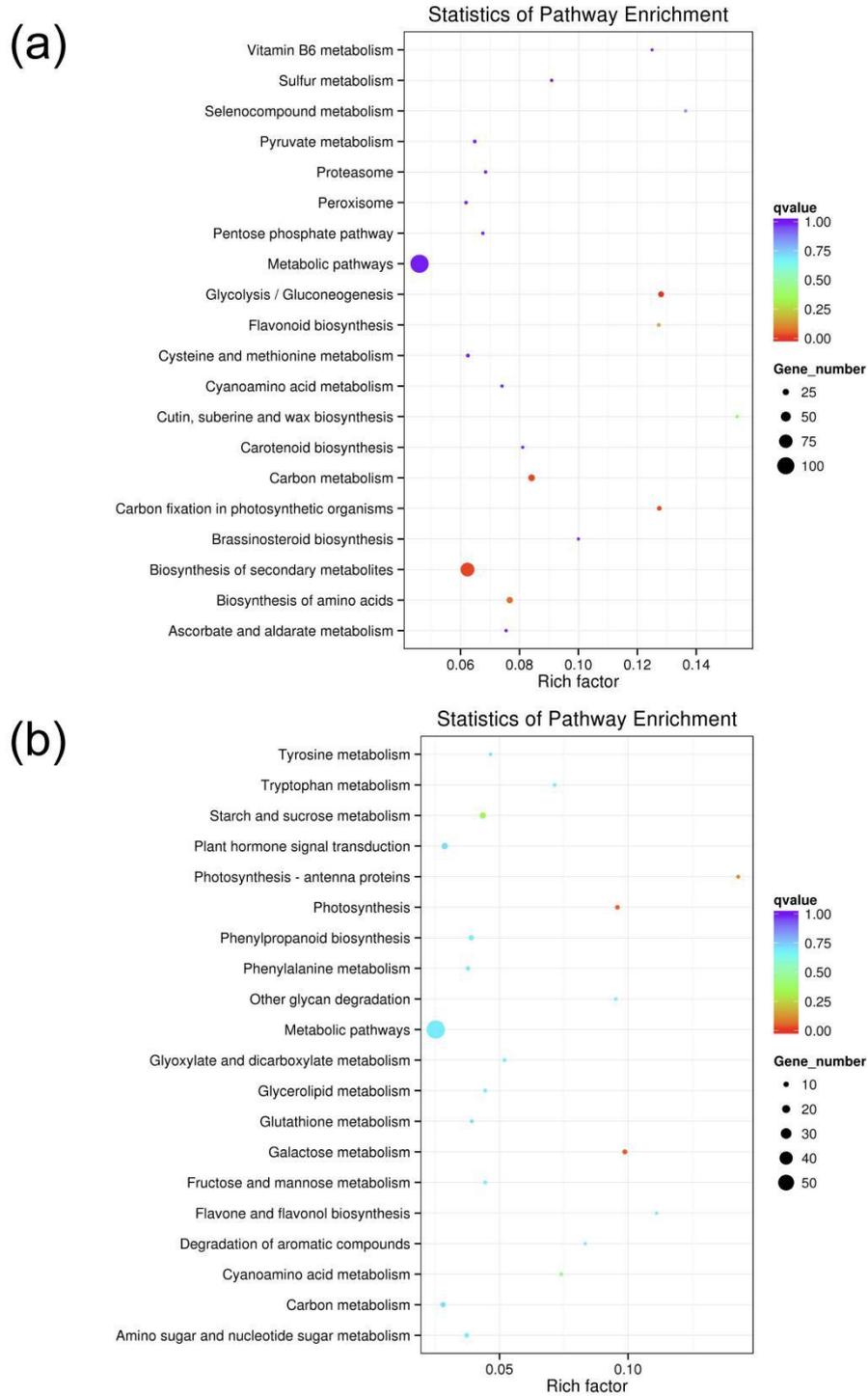


Fig. S2 The top 20 KEGG pathways related to up- and downregulated genes in banana (*Musa* spp.

AAA) induced by 10°C

a KEGG pathways related to upregulated genes; **b** KEGG pathways related to downregulated genes

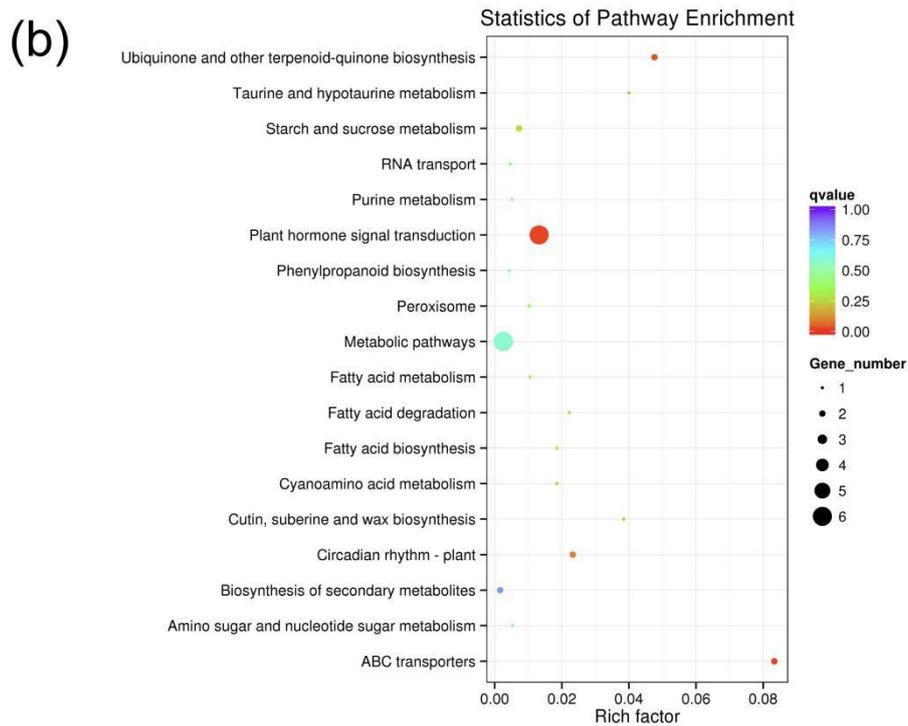
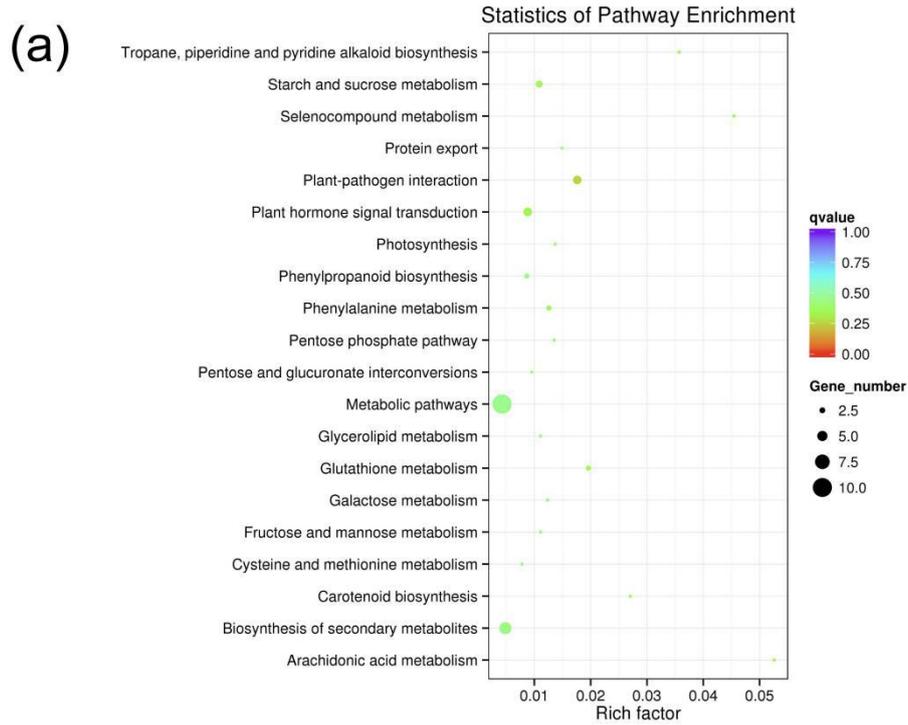


Fig. S3 The top 20 KEGG pathways related to up- and downregulated genes in banana (*Musa* spp. AAA) induced by LT10 vs LT16. LT10 LT of 10°C, LT16 LT of 16°C
a KEGG pathways related to upregulated genes; **b** KEGG pathways related to downregulated genes

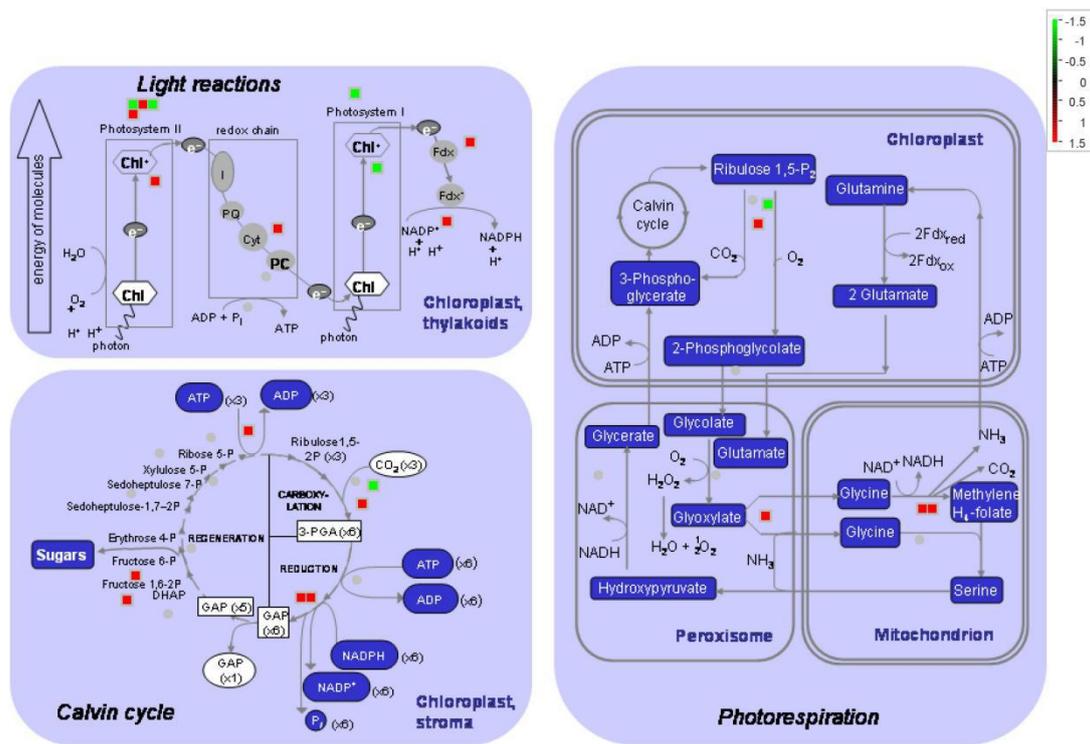


Fig. S4 Changes in transcript levels of differentially expressed genes (\log_2 (fold change) > 1 and a threshold of false discovery rate values < 0.05) involved in photosynthesis in banana (*Musa* spp.

AAA) in response to chilling stress of 16°C

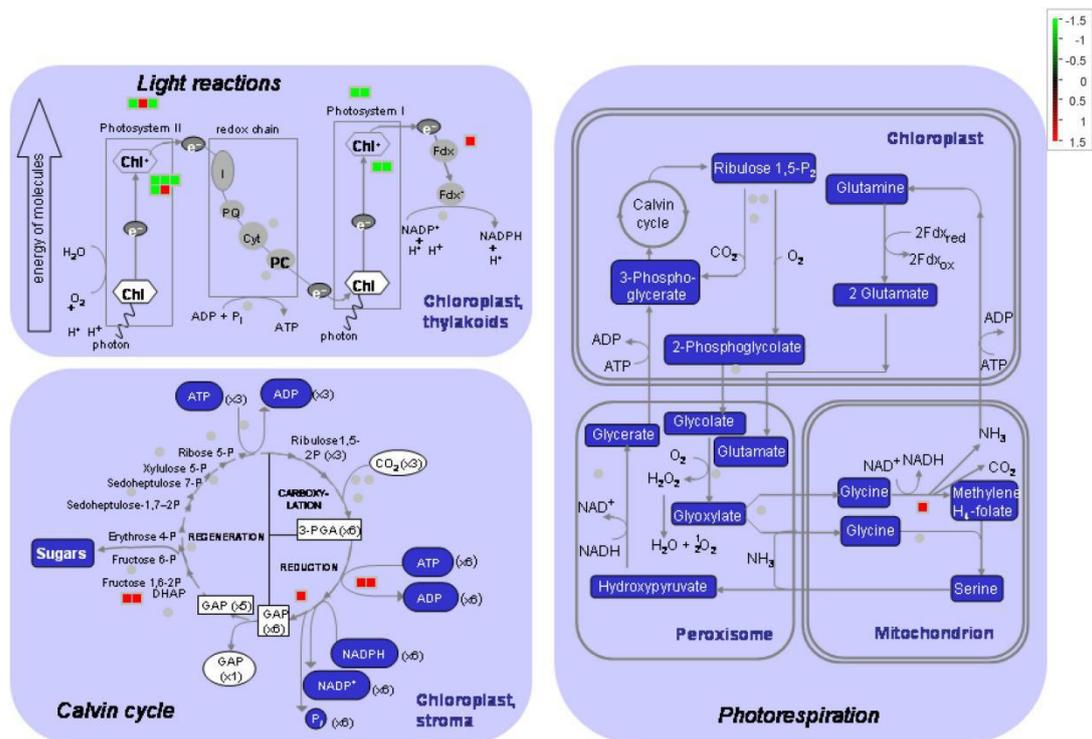


Fig. S5 Changes in transcript levels of differentially expressed genes (\log_2 (fold change) >1 and a threshold of false discovery rate values < 0.05) involved in photosynthesis in banana (*Musa* spp. AAA) in response to chilling stress of 10°C