H_2O_2 mediates the regulations of ABA catabolism and GA biosynthesis in Arabidopsis seed dormancy and germination

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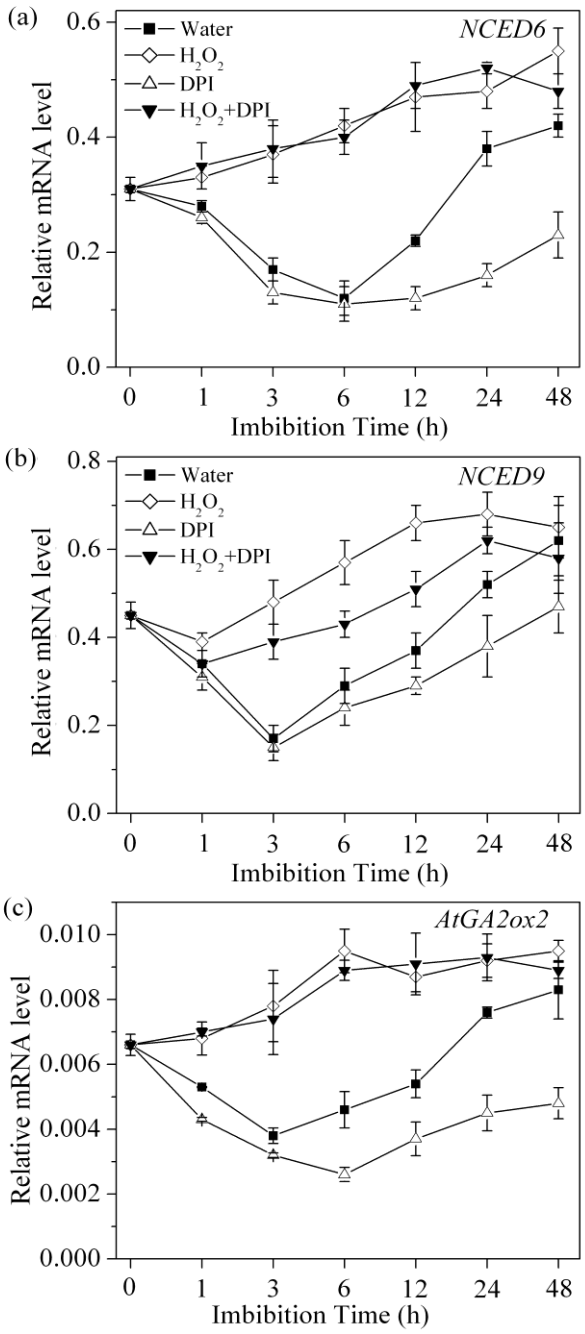
Supplementary Material



Supplementary Figure 1. Effects of H_2O_2 on the expressions of ABA biosynthesis and GA catabolism genes during imbibition. The genes were analyzed by QRT-PCR. H_2O_2 at 10 mM and DPI at 10 μM were used to manipulate H_2O_2 levels for these experiments. Values are means with SE (n=4 for A and n=3 for B and C).

A. Changes in the transcript levels of *NCED6* at first 48 h during imbibition.

B. Changes in the transcript levels of *NCED9* at first 48 h during imbibition.

C. Changes in the transcript levels of *GA2ox2* at first 48 h during imbibition.