

## Results after cold splicing

Here we demonstrate that CBFs are involved in modulating alternative splicing during cold acclimation through their interaction with subunits of the spliceosome complex.

These results suggested that the alternatively spliced isoforms of IAA4 and IAA16 may play a role in the response to cold stress during the cotyledon stage in cotton.

To better understand the full-length splice variants, novel genes, and alternative polyadenylation (APA) sites of the two species in response to cold stress, the PacBio Iso-Seq ...

We find different dynamics of spliced and unspliced transcripts during cold exposure with only a small change in PolIII speed. We also show that, unlike short-term cold, long-term cold ...

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Here, we review how changes in environmental temperature--cold, heat, and moderate alterations in temperature--affect alternative splicing in plants, including crops.

These genes provide comprehensive data for the further exploration of the alternative splicing mechanism during the low-temperature response, and provide clues for further research on ...

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These results strongly indicate that genes regulating AS events, such as spliceosome and splicing factors, could affect the alternative splicing of downstream genes by being alternatively ...

Abstract Alternative splicing (AS) is an important post-transcriptional regulatory mechanism for cells to generate transcript variability and proteome diversity. No systematic ...

Plants in temperate regions experience near-freezing temperatures that allow them to develop a cold response prior to freezing. This cold acclimation process involves changes to chromatin structure, ...

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