



**SDI Review Form 1.6**

Journal Name:	<a href="#">American Journal of Experimental Agriculture</a>
Manuscript Number:	2013_AJEA_7285
Title of the Manuscript:	<b>A Tomato Inducer of CBF Expression 1 (SlICE1) is Involved in Cold Stress Signaling</b>
Type of the Article	

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b><u>Compulsory</u></b> REVISION comments	<ol style="list-style-type: none"> <li>1) The introduction didn't write in good style and structure. It is necessary to rewrite step by step. It's a mix of concepts. You can start with one comprehensive topic, environmental stresses, and continue to your main topic, the role of ICE1 in Tomato. This part could be include environmental stresses, cold and salt stresses with more details, network of cold and salt responsive genes, and even the role of Ca<sup>2+</sup> in cold and salt stresses, the role of CBFs in cold and salt stresses, the role of ICE1 in <i>Arabidopsis th.</i> And then finished by this question that what/how is the role of ICE1 in Tomato.</li> <li>2) Line 77: edit the word of "Genome sets"</li> <li>3) Line 166: at first, you talk about salt and cold stresses. It is also necessary to add "salt" to the sentence.</li> <li>4) Line 171 to 186: add the method and materials were used for those analyses to the method and materials (M&amp;M) section.</li> <li>5) Line 191: the method should be explained in the section of M&amp;M.</li> <li>6) Same to No.1, There is same problem in "result and discussion" style and structure.</li> <li>7) Line 364: the <b>chold</b> stress should change to cold stress.</li> </ol>	
<b><u>Minor</u></b> REVISION comments		



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	<ol style="list-style-type: none"> <li>1) It is better to increase the time of treatment to 24 h (0, 1, 5, 10, and 24). It would show the different of gene expression and protein production with more resolution (for Fig 2 and 3).</li> <li>2) If it is possible, compare the SLICE1 sequence with the known ICE1 sequence of another member of solanum genus. You may find new subfamily of ICE1 in the solanaceae.</li> <li>3) Line 214: this sentence isn't complete. Explain the role of TPP1 in the trehalose turn over.</li> <li>4) Line 235 to 243: can be added in brief to the data that achieved by expression profile of TPP1 and TPS1.</li> <li>5) Fig 2B: It is better to use one gel photo that contains all samples. You have used several individual gel fragments together.</li> <li>6) Fig 3: it is better to run new gel for RT-PCR products of CBF2 and CBF3.</li> </ol>	
<b><u>Optional/General</u></b> comments	The data of the article is enough and seems complete. But all parts of the article were written in bad style and structure. This data could be rewrite and then published.	

**Reviewer Details:**

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