Dear Dan,

Congratulations on the acceptance of your article by The Plant Cell. I evaluated your manuscript with respect to scientific content presentation, compliance with journal policies, and presentation for a broad readership. I have a number of requests for changes, which are indicated below and marked in the attached Word document of your manuscript. The copy editors may have other changes dictated by journal policy later in the process. Please check all changes for accuracy and respond or make other changes as necessary using “track changes” in the attached document (do not make changes on a new version of the manuscript).

**1)** **Accession numbers:** Accession numbers of genes identified in this study, as well as those of the major genes mentioned, should be listed in a section titled “Accession numbers” near the end of the Methods section.

**2)** **Supplemental data:** Multiple supplemental files should be combined and submitted as a single .pdf file, no larger than ~20 MB. (Please note: when combining save as 'Smaller File Size', import figures at lower resolution, avoid layers, etc. in order to reduce file size as much as possible while retaining desired resolution). Files to be merged into a single Supplemental Data pdf file include **supplemental figures, followed by supplemental tables and supplemental data set legends** (if desired). Please ensure that the resolution is high enough so that supplemental figures such as Supplemental Figure 2 can be viewed easily at high magnification. Titles and complete legends to Supplemental Figures should be placed above or below each figure and should follow the same guidelines as for article figure legends. Supplemental Tables should include any relevant footnotes and information necessary to understand the material in the table. References associated with supplemental materials may be placed immediately below the corresponding figure or table, or in a separate section entitled Supplemental References at the end of the Supplemental Data file. **Use the same fonts in all supplemental files, including the legends (Arial size 10-12);** use single spacing for legends and fit the entire legend on the same page as the accompanying figure, where possible. If some tables or figures are presented in landscape format and others in portrait, rotate the pages in the final pdf such that all pages are viewed in the proper orientation. When submitting this file to the system, please label it “Supplemental Data”.

In the supplemental data pdf file (but not in the main manuscript), please indicate which main manuscript figure is supported by each supplemental figure after the supplemental figure title using the following format:

Supplemental Figure 1. Alignment of mutant and wild-type sentences.

(Supports Figure 1.)

Please use the format “Supplemental Data Set 1”, etc. in the supplemental data set Excel files. Adjust column widths and freeze panes for reader convenience. When submitting these files to the system, please label them “Supplemental Data Set 1”, etc.

Include the following standard header in Arial 10 pt font at the top of each page of the supplemental data file and top row of each supplemental data set Excel file:

Supplemental Data. Soltis et al. Plant Cell (2018) 10.1105/tpc.18.00857.

**3) Figures:** Your regular manuscript figures (Figures 1–7) must be uploaded to the Plant Cell website as individual files in an appropriate high-resolution format. Each figure (all panels) must fit on a single page in portrait format. The file size should be <30 MB per figure (ideally <20 MB). A high resolution, vectorized pdf file is the best figure file type to use, although jpg, tiff, eps, or ppt files may be submitted. Figures and figure legends should be on a single page (8.5x11 or A4 size) whenever possible. Reduce font size (minimum Arial 9 pt is ok) and use single-space legends. The legend can be on a second page if absolutely necessary.

Be sure to merge layers and/or flatten the image; if layers are not merged, this can greatly increase file size. If you are using **Adobe Illustrator**, create the high-resolution figure, add a legend in Illustrator, and save a copy of the file as a pdf (select "file" ->"save as" or "save a copy" -> save as ADOBE PDF and uncheck "preserve illustrator editing capabilities", "create layers", "embed thumbnail images".

If you are using **Photoshop** or some other program that does not create vectorized images, if saving high-resolution tiff files, be sure to save a copy with "layers" unchecked in the save options.

Alternatively, save a high-resolution tiff (or jpg), then import it into PowerPoint, add a legend in PowerPoint, and save from PowerPoint as a pdf. This may work to create a sufficiently high-resolution file (but small file size).

Finally, if you are using a **Mac,** you may have other options for creating high-resolution (vectorized is ideal) pdf files.

If you can’t make high-resolution figure files of the appropriate size with legends, please let me know and I’ll give you instructions for submitting a separate file of lower-resolution figures with legends, which we can use to create a merged pdf file of your article for Advance Publication.

**4) Icon:** The journal uses a graphic icon to represent each paper in the Table of Contents. Please prepare and submit an icon for your manuscript. The icon should be 96x96 pixels, in jpg, gif, or animated gif format, and should illustrate or exemplify the topic of the paper. Select an appropriate figure (which may be in the manuscript or not) and reduce the figure to its strongest, most important graphic elements, removing unessential text. See the instructions for authors for further details on creating icons. Please label your icon with your manuscript number (e.g., 00857-Icon.gif). Let me know if you need assistance creating your icon.

Please check all changes for accuracy and respond or make other changes as necessary using “track changes”, using the attached document (**do not make changes on a new version of the manuscript, and do not delete the markings or comments**). I will send you a link for uploading the manuscript file, corrected Supplemental files, and any other files directly to the system. If you have any questions or concerns, please do not hesitate to contact me. I look forward to seeing your article published.

Kind regards,

Jennifer Lockhart, Ph.D.

Science Editor