

Reviewer Sheet (for Review, Prospects, Essay, and News and Views articles)

1. Reviewer information

Name and Title: Masatomo Kobayashi, Ph.D.

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2. Manuscript information

Title: Systematic development of tomato bioresources in Japan.

Authors: Tohru Ariizumi¹, Koh Aoki², and Hiroshi Ezura^{1, *}

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3. Review process

■ I was informed by the authors that IBC adopts a full open peer review system and agree with the public opening of the reviewer information and the review provided on this sheet.

This manuscript was finally reviewed on Dec. 21, 2010.

I went through (2) times of pre-revision with the authors since I received the first draft of the manuscript on Dec. 16, 2010 .

This is optional. IBC expect that the open peer review system would facilitate constructive communication between reviewers and authors before submission, which may involve a few rounds of revisions.

■ None of personal, financial, political, and religious matters biased this review.

4. Review

Please note that the acceptance of the manuscript is mostly based on the scientific integrity, newness, reproducibility, and readability. Importance or significance is not a major consideration, since a report will be assessed eventually by its impact on scientific progress, for example, by citation, access, and downloads.

I have confirmed the overall scientific integrity of the article. Yes () or No ()

The nature of the article is proper as an article in the given category of IBC. Yes () or No ()

The extent of the article is proper as a separate article. Yes () or No ()

The title properly represents the contents. Yes () or No ()

The contents are well organized. Yes () or No ()

The coverage of the article is proper for the given topic and for the given category. Yes () or No ()

The contents are well updated and are not biased. Yes () or No ()

The manuscript is prepared with a clear readability. Yes () or No ()

The manuscript carries author's view or perspective. Yes () or No ()

The extent of the author's view or perspective is proper. Yes () or No ()

The author's view or perspective is scientifically valid. Yes () or No ()

I recommend publication of this article in IBC. Yes () or No ()

If yes, I rate this manuscript as

() Exceptional: Score of 9. Truly novel concept and/or breakthrough with a general impact

() Highly recommended: Score of 6. Highly novel article of significantly broad impact

() Recommended: Score of 3. Original and sound article of recommended scientific significance

() Fair: No score. Original and sound article worthy of sharing and depositing

General and specific comments, including why the article is worth to be shared. Please use additional sheets, if needed.

Bioresources are the key tools to promote life science. Japanese project, so called 'NBRP', is an epoch-making project that includes various mode organisms. This manuscript summarizes the materials and information provided from the NBRP tomato. International significance of the resources is also well described. As plant science is an important subject to achieve sustainable development, and the tomato is surely an indispensable model crop for both basic and applied biology in post-genome era, I believe that present manuscript provides valuable information to the readers. Thus I recommend the article to be published in IBC.