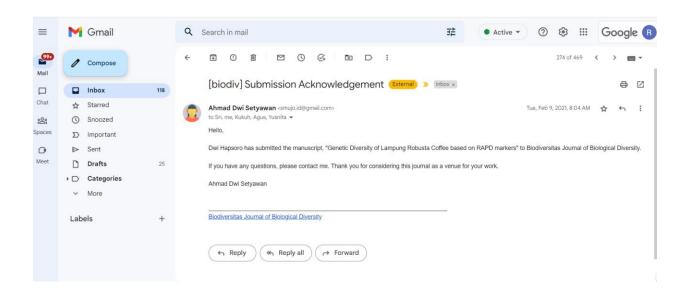
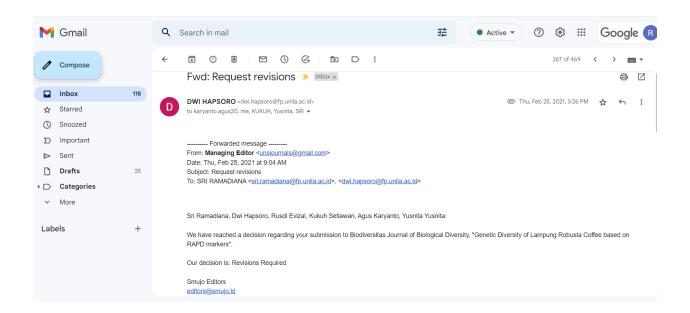
BUKTI KORESPONDENSI JURNAL BIODIVERSITAS Vol 22 No 6 Artikel: Genetic Diversity of Lampung Robusta Coffee based on RAPD markers





Reviewer F:

This manuscript has actually deliver from a good work. However, some statements are not writing in clear/wrong meaning, including for the title. Shorten sentences is a good for eficient read, but get the meaning clear is a must. On the other hand, our most concern is about not up dated informations about the current genetic diversity in Robusta coffee which lead to tricky discussions of the result. It also then impacted to the slight unreliable statements for how to make a breeding program that resulted from this work. We also noted about the origin and or permission of planting materials used in this work which should be showed for respected IPR and unbias meaning of the origin. Wrong placement of sentences, unnecessary figure, and citation should be paid of attention by the author. Edited manuscript based on above suggestion will have a good scientific content.

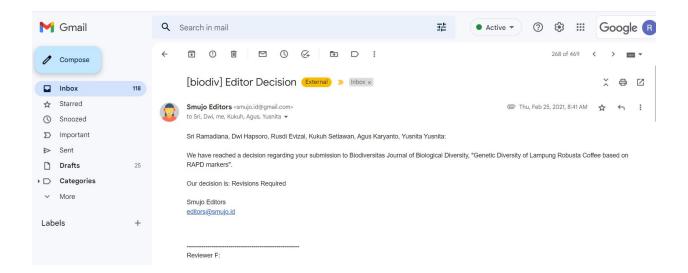
Recommendation: Revisions Required

Reviewer K

Thank you for giving me the chance to review the manuscript entitled "Genetic diversity of Lampung robusta coffee based on RAPD markers". This manuscript describes the result of RAPD markers of Coffea arabica, displaying the genetic diversity of C. abarica. The manuscript is well writteb to describe their results well. Here are several comments:

- 1. L18: Coffea should be italicized.
- 2. L21: Remove one space in Davis et al. 2019
- 3. L22: if possible, please add refernce to support the fact that robusta coffee contains more caffeine than Arabica coffee.
- 4. L34-35: please add references for supporting this sentence.
- 4. L36-37: please add references for supporting this sentence.
- 5. L97. robusta should be italicized.
- 6. L119. Reference, Ngugi and Aluka 2019, can be considered to replace with or to add the reference, https://www.sciencedirect.com/science/article/pii/B9780128158647000039, because it also describe the genetic diversity of coffee. Authors can check this one too.
- 7. L168:)(should be changed ;
- 8. L173: Authors conclude that BP 534 is a good resource to breed; however, there will be more factors to make this conclusion, so that authors can describe the possibility to check additional information. e.g., if authors consider the clones outside of Indonesia, then this dendrogram can be totally changed, teleading the different conclusion. RAPD is good marker for using small amount of DNA with PCR; however, there is no absolute genetic distances. Because now C. canephora genome is available, so that authors can suggest the next step to investigate its genetic diversity more deeply for better understading it.

Recommendation: Revisions Required



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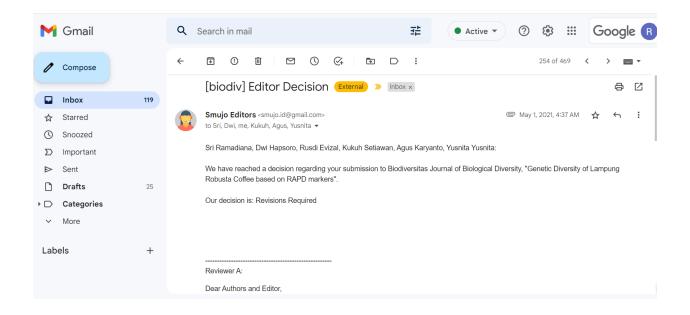
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Recommendation: Revisions Required



Reviewer A:

Dear Authors and Editor,

The manuscript is significantly improved from the first version. My main concern is that the authors failed to address some of my initial comments in track changes in the earlier version of the manuscript. I kept seeing the some of the problems being repeated. As an example: The authors failed to indicate the implication of their findings in comparison with simialr findings on genetic analysis of Robusta by Syafaruddin et al 2014 on line 147 - 149. There were other places in the manuscript that the authors failed to address my suggestions regarding accepting or rejecting and reproduced what I felt was an error in the "revised" manuscript.

That said, I have made suggestions and comments in the attached revised manuscript for consideration by the authors. There are a few areas of the manuscript that needs to be improved further before I can make a final decision on its acceptability for publication. The main area that needs work is the results and discussion. I have made necessary comments in the attached file to guide the authors.

Secondly, I have a difficulty understanding why the authors keep referring to the tested clones as superior clone without stating anywhere what they are superior for. Superior clone is mentioned in the title and almost everywhere in the manuscript but there no mention of what they are superior for. I think it is a major error that needs to be addressed. They need to justify why they refer to the clones as superior clones.

Finally, If the authors address my comments and suggestions and can be verified by the editor as appropriate, then I leave the final juedgement on the suitability of the manuscript for publication to the editor. Otherwise, I will be happy to do another review of a revised version.

Thanks.

Recommendation: Revisions Required

