

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_125093
Title of the Manuscript:	Genetic Analysis of Combining Ability and Gene action in Sunflower (<i>Helianthus annuus</i> L.) Hybrids through Line x Tester Design
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (<i>Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here</i>)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Are subsections and structure of the manuscript appropriate?		
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

Review Form 3

<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>	<p>I have number comments and suggestions for improvement of the paper and have provided here. I would suggest this manuscript before publication needs a critical revision and better to recommended suitable journal with proper revision.</p> <ol style="list-style-type: none"> 1. The critical component of the Abstract namely concise problem statement; method; results discussed, conclusion with possible application need to be explicitly highlighted and revised. It is also to long try to write in a concise manner. 2. The authors should have more focus on the gap of the work from literature studies. The innovation of the paper needs to be explained more (At Introduction). Authors without modification just updated the introduction. 3. The language in this manuscript needs to be improved. There were many grammar mistakes, such as the wrong tense and a set phrase. The article needs to be carefully polished. I suggest the authors to consult a native English speaker 4. Please give a frank account of the strengths and weaknesses of the article. Include specific, detailed comments regarding the originality, scientific quality, relevance to the field of this journal, and presentation. Check the need for tables and figures, and the adequacy of the references. 5. Method and methodology is too large and without references. Calibration is the part of Results and discussion and I think it should be moved to the Methodology section. 6. Result and discussion should be improved with recent references with a comparative analysis. 7. Authors could consider adding a section on Quality assurance and quality control in the methodology section. 8. The conclusion should highlight the key finding from the content of this manuscript. Conclusions should highlight the insights and the applicability of your findings/results for further work. Manner of listing conclusion is not ok. Likely future study needs to be integrated to the conclusion. 9. Author should be clearly indicated that how is the benefited to human society in general life of this research directly or indirectly. Besides, it would be great if the authors add more information about the drawbacks of the utilized methods if any. 10. The quality of the figures could be improved. Please use tables to show comparative analysis. 11. Abbreviation is missing in the manuscript. It would be better to provide all Abbreviation given in the manuscript. 12. Several typesetting errors are present throughout the text and stylistic features should be homogenized as well. 13. The authors must be cited in the following given recent references for improvement of the manuscript. 14. Please make sure the facts are backed up by proper citations throughout the manuscript. Ensure that all references are up-to-date and include recent studies to reflect the current state of research in this area. I have suggested few potential recently references for the improvement of the manuscript. <p> https://doi.org/10.36253/caryologia-1079 https://doi.org/10.36253/caryologia-1236 https://doi.org/10.36253/caryologia-958 https://doi.org/10.36253/caryologia-1056 https://doi.org/10.31742/IJGPB.80.4.12 </p>	

Review Form 3

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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