

Review Form 1.7

Journal Name:	Asian Journal of Biotechnology and Genetic Engineering
Manuscript Number:	Ms_AJBGE_106008
Title of the Manuscript:	Identification of Molecular Diversity in <i>Gossypium hirsutum</i> L. Against Whitefly Resistance Using SSR Markers
Type of the Article	Original Research 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:

(<https://www.journalajbge.com/index.php/AJBGE/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) NO, however results may be used in breeding programs</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title) Identification of Molecular Diversity in <i>Gossypium hirsutum</i> L. varieties resistant to Whitefly Using SSR Markers.</p> <p>3. Is the abstract of the article comprehensive? YES</p> <p>4. Are subsections and structure of the manuscript appropriate? YES</p> <p>5. Do you think the manuscript is scientifically correct? YES</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. YES (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The paper is devoted to the study of the genetic variability of cotton and has nothing to do with its resistance to whitefly. Comparison of resistant and susceptible varieties has not been carried out. Therefore, the content of the Introduction should be revised. The style and language of the manuscript should be significantly edited.</p> <p>In the Summary and Materials and Methods, it is necessary to indicate that the studied varieties are resistant to whitefly. It should be clarified what is meant by the expression "resistance to whitefly to some extent"</p> <p>The Materials and Methods section is not detailed enough and should be rewritten. The Materials and Methods should indicate the URIs of the programs used, manufacturers of reagents and equipment, the PCR conditions, the program for constructing a phylogenetic tree with the parameters used; refine how genetic diversity was calculated and which genetic distances were used. Indicate the origin of the primer sequences, if they have been used in other studies.</p> <p>Figure 1 is not contrast enough, 8 declared polymorphic bands are not visible on it. A phylogenetic tree should be presented in a rectangular form; otherwise, it is difficult to compare the lengths of branches on it. Bootstrap support values should be indicated on the tree.</p> <p>The Conclusion section repeats the information from the Discussion and should be deleted.</p> <p>See attached file for some but not all corrections.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The style and language of the manuscript should be significantly edited.</p>	
<p>Optional/General comments</p>		

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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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