

Review Form 1.7

Journal Name:	Asian Journal of Biotechnology and Genetic Engineering
Manuscript Number:	Ms_AJBGE_117533
Title of the Manuscript:	Assessment of genetic diversity among tomato varieties using RAPD markers
Type of the Article	Review article

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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> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. This manuscript contributes significantly to the scientific community by utilizing RAPD markers to assess genetic diversity among tomato varieties. Understanding genetic diversity is crucial for effective germplasm collection, evaluation, and utilization in crop improvement programs. The use of RAPD markers provides a faster and cost-effective method compared to traditional morphological markers, enabling more efficient varietal identification and genetic mapping. 2. The title "Assessment of genetic diversity among tomato varieties using RAPD markers" effectively communicates the primary focus of the study. However, for added clarity and specificity, an alternative title could be "Genetic Diversity Analysis of Tomato Germplasm via RAPD Markers: A Case Study in Bangladesh." This alternative title highlights the method (RAPD markers), the subject (tomato germplasm), and the geographical context (Bangladesh), providing a more comprehensive overview of the research. 3. Yes, the abstract succinctly summarizes the study's objectives, methodology, and key findings, including the use of RAPD markers to assess genetic diversity among collected tomato germplasm. It effectively highlights the importance of understanding genetic diversity for germplasm collection, evaluation, and utilization. 4. Yes, the manuscript appears to have a logical structure with clearly defined subsections such as Abstract, Introduction, Materials and Methods, Results, and Keywords. This structure provides a clear flow of information, guiding readers through the study's objectives, methodology, findings, and implications effectively. 5. Based on the information provided, the manuscript appears scientifically sound. It follows established methodologies for genetic diversity assessment using RAPD markers, and the results are presented in a clear and understandable manner. However, without access to the full manuscript and data, I cannot make a definitive assessment of its scientific accuracy. 6. The references provided seem appropriate for the topic of genetic diversity assessment using RAPD markers in tomato varieties. However, without access to the full list of references, I cannot definitively assess their sufficiency or recency. Generally, it's important to include a mix of recent and relevant references to provide a comprehensive overview of the existing literature. If needed, additional references could be included to further support the discussion on genetic diversity assessment methods or recent advancements in tomato genetics. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is the language/English quality of the article suitable for scholarly communications? 	<ol style="list-style-type: none"> 1. Without access to the full manuscript, I can't evaluate the language quality directly. However, based on the excerpt provided, the language appears to be appropriate for scholarly communication. The writing is clear, concise, and technical, which is suitable for a scientific article. Nonetheless, thorough proofreading to ensure grammatical accuracy and clarity would be beneficial. 	

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Optional/General comments	Overall, the manuscript appears to be well-structured and addresses an important topic in agricultural research: the assessment of genetic diversity among tomato varieties using RAPD markers. The abstract effectively summarizes the study's objectives and findings, while the introduction provides necessary background information. The use of appropriate subsections helps organize the content logically.	
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PART 2:

	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)
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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