

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_102609
Title of the Manuscript:	Molecular Characterization of Mid-late Maturing Sugarcane Clones by Using Microsatellite Markers
Type of the Article	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.journalijecc.com/index.php/IJECC/editorial-policy>)

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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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The manuscript provides details on co-dominant markers for sugarcane which can be used by the scientific community.</p> <p>The title is appropriate.</p> <p>NO. The abstract requires re-writing. The abstract should give readers a clear understanding of what your paper is about and why it is significant. This is lacking.</p> <p>The subsections are appropriate.</p> <p>NO. There are basic errors.</p> <p>Recent references could be included.</p> <ol style="list-style-type: none"> Under materials and methods-Genomic DNA Isolation and Purification: Please explain how pellet was formed after dissolving DNA and followed by RNase treatment. Under materials and methods-Molecular analysis of banding pattern and statistical analysis: In 7th line The parameters that were calculated are not mentioned. Further the scoring of bands for SSRs is not correct. No clear indication of cluster type, please denote the cluster types i.e, I and II in the dendrogram-Figure 2. Software used to construct dendrogram is not mentioned. Recent references could be included. Describe the statistical methods used to analyze the data. Mention the software or statistical tests employed and provide a brief rationale for their selection. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	No. The authors have mixed up tenses in the document.	
<p>Optional/General comments</p>	The paper has to be re-addressed considering that SSR markers have been scored.	

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?	(If yes, Kindly please write down the ethical issues here in details)	

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