

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_105019
Title of the Manuscript:	Evaluation of Easy and Economic Protocols for High Quality Genomic DNA Extraction and Sex Determination in Papaya using SCAR 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.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>Yes. The manuscript entitled " Evaluation of Easy and Economic Protocols for High Quality Genomic DNA Extraction and Sex Determination in Papaya using SCAR markers" presents DNA isolation method for sex determination in papaya. It is important to collect the fundamental knowledge/data of this work. This manuscript is suitable for publication in "International Journal of Environment and Climate Change"; however, I am afraid to say that some revisions are required prior to publication.</p> <p>I would like to suggest the title change to "Comparison of Genomic DNA Extraction and Sex Differentiation in Papaya using SCAR Marker".</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Lack of up-to-date references. Please add some more recent relevant literature.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p>Optional/General comments</p>	<p>Section 2.1 (Plant Materials and Samples Preparation):</p> <ul style="list-style-type: none"> • Please include the age of the plant used in this study. • When is the harvested time of the leaves (morning or evening)? Please state in this section. • How is the selection of the young leaves made? How did you differentiate the young and mature leaves? Please explain in this section. 	

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

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