

Review Form 3

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_121257
Title of the Manuscript:	Fluorescently labeled ISSR markers to unveil the genetic diversity of Cassava varieties (<i>Manihot esculenta</i> Crantz) in Kerala's tribal area
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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.	Crop variation provides an opportunity for breeders to develop new ones and improved plants with desirable traits in selecting appropriate parents and analysing the nature as well the magnitude of the genetic variation present in the germplasm. In this regard, molecular markers for example ISSR, have been widely employed to study the diversity in many species with much success. The information revealed in this work will therefore be of much interest to cassava breeders.	
Is the title of the article suitable? (If not please suggest an alternative title)	Analysis of fluorescent labeled ISSR markers to reveal the genetic diversity of cassava varieties (<i>Manihot esculenta Crantz</i>) in the Kerala tribal area of India	
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.	The abstract should present information specific to the work carried out. Most part of the abstract was just repeat of general knowledge. The abstract should be rewritten and improved significantly.	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The methodology of this work employed a modified form of the conventional ISSR analysis by florescent labelling of the markers. This has the advantage of accuracy and enabling the tracking of the PCR in real time. This is a technically robust and correct approach for achieving the set objectives.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	Asha et al., 2018 is not listed in the references list. Asha, K.I, et al, 2019, Molecular profiling of selected cassava (<i>Manihot esculenta Crantz</i>) germplasm using ISSR and SSR markers. Journal of Root Crops, 45(2), 24-32. https://www.journal.isrc.in/index.php/jrc/article/view/560	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes. The language and quality of English is suitable. But the manuscript needs to be rewritten and improved entirely.	
Optional/General comments	A version of the manuscript with tracked changes have been attached to guide authors to the necessary corrections.	

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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>	

Reviewer Details:

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