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Journal Name:	Biotechnology Journal International
Manuscript Number:	Ms_BJI_51027
Title of the Manuscript:	DIVERSITY AND PHYLOGENETIC RELATIONSHIPS OF FULL GENOME SEQUENCES OF CASSAVA BROWN STREAK DISEASE CAUSING VIRUSES IN KENYA
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments		
Minor REVISION comments	<p>This manuscript reports "Diversity and phylogenetic relationships of full genome sequences of cassava brown streak disease causing viruses in Kenya". The diversity and phylogenetic relationships were assessed throughout a minimum molecular biology methods. The full genome of the virus was sequenced. This study is essential to address the update information on the virus diversity and evolution in Kenya. The approach to evaluate the resistance was appropriated to assess the reel diversity and relationship between the virus variants. However, I have major concerns about some aspect of the manuscript, which needs to be clarified and complemented for paper publication. Some of my comments are listed below:</p> <p>Title</p> <ol style="list-style-type: none"> 1- The authors should revise the title of the manuscript. Normally, the title should be "Diversity and phylogenetic relationships of full genome sequences of cassava brown streak viruses In Kenya ". We can never sequence a disease but the virus causing the disease. <p>Abstract:</p> <p>The authors should detail more the methodology:</p> <ol style="list-style-type: none"> 1- How did they amplify the whole genome of the virus before the sequencing? 2- Is it by PCR or RCA (rolling circle amplification)? 3- The authors state that the full virus genome was sequenced. It is unclear to use three genes in comparison. What particularity have these genes in the genome of the virus. Note that the intergenic sequence show also diversity. 4- The authors state that "The study revealed an average genome nucleotide diversity of 21.5% and 15.8% in CBSV and UCBSV. They should include respectively in the sentence. 5- Please, up the keyword to five or six. 	



SDI Review Form 1.6

	<p>Introduction</p> <p>1- Line 47: Please, write [3,5,10-15] instead of [10-13, 3,5].</p> <p>Methods</p> <p>1- Lines 75-76: The authors state that “In each field, the GPS coordinates and altitudes were recorded using a global positioning system (GPS) (GPS; Magellan GPS 315, San Dimas, CA)”. The study don’t need this information</p> <p>2- Lines 89: The authors should clarify the source of the protocol describe even if it is modified.</p> <p>3- Lines 110: This form of reference is unclear. The authors should say “ As described Mbanzibwa <i>et al.</i> (2011)”.</p> <p>4- Lines 115: Please, write “UV” instead of “uv”</p> <p>Results</p> <p>1- Table 1 & 2: Please, put “Sequence, location, gene” in plural.</p> <p>2- Table 1: The authors should make this clear for readers. Why the nucleotide similarities between KR911743, KR911740 and KR911736 were not mentioned the gene other than CP. Is it mean that these accessions (KR911743, KR911740) did not proceed these genes?</p> <p>3- Please, in the figure 1 &2, the authors should clarify what each sub cluster describes.</p> <p>Discussion</p> <p>1- Lines 252&261: The authors should cite the authors as this: Mbanzibwa <i>et al.</i> [??]</p> <p>References</p>	
<p><u>Optional/General</u> comments</p>		

PART 2:

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



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