

## Review Form 1.7

Journal Name:	Asian Journal of Biotechnology and Genetic Engineering
Manuscript Number:	Ms_AJBGE_112336
Title of the Manuscript:	Molecular Characterisation of viruses infecting selected vegetables grown within University of Cross River State
Type of the Article	Original Research Article

### 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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. The manuscript is indeed important for the scientific community as it addresses a significant concern related to the threat of virus infections in vegetable crops within the University of Cross River State, Nigeria. The identification and molecular characterization of specific viruses affecting crops such as C. pepo, tomatoes, and Trichosanthes cucumerina provide valuable insights for researchers, agriculturists, and policymakers working on crop protection and food security.</p> <p>2. The title of the article is suitable as it accurately reflects the content and focus of the manuscript. It clearly conveys the molecular characterization aspect along with the specific vegetables and location involved.</p> <p>3. The abstract provides a comprehensive overview of the study, summarizing the research objectives, methodology, and key findings. It mentions the specific viruses detected and highlights the significance of the study, indicating that it is the first detection and molecular characterization of CABYV, TSWV, and TMPV in Nigeria. However, it could benefit from including brief information on the potential impact of these virus infections on crop yield or the agricultural economy.</p> <p>4. The structure and subsections are not proper. Literature review section need to be added.</p> <p>5. The use of CTAB protocol, RT-PCR, and gene sequence analysis, seems appropriate for the molecular characterization of viruses.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	Need to improve the grammar and English.	
<p><b>Optional/General</b> comments</p>	It is better to include overall diagram showing the working.	

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

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