

**Review Form 1.7**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_114422</b>
Title of the Manuscript:	<b>Expression Studies of BmNPV Antiviral Proteins Serine Protease and Lipase in Mulberry Plant</b>
Type of the Article	<b>Original Research Article</b>

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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><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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The manuscript investigates the expression of antiviral proteins in mulberry plants to combat Bombyx mori nucleopolyhedrovirus (BmNPV) infection, addressing a significant issue in sericulture. This research is important for the scientific community as it offers potential solutions to enhance crop yield and mitigate economic losses in the silk industry.</p> <p>2. The title "Expression Studies of BmNPV Antiviral Proteins Serine Protease and Lipase in Mulberry Plant" effectively communicates the focus of the study. However, a more concise alternative could be "Expression of Antiviral Proteins in Mulberry Plants Against BmNPV Infection."</p> <p>3. The abstract provides a comprehensive overview of the study, summarizing the objectives, methods, key findings, and implications effectively. It concisely highlights the significance of the research and its potential impact on sericulture.</p> <p>4. The subsections and structure of the manuscript are appropriate, guiding the reader through the introduction, methods, results, discussion, and conclusion in a logical sequence. Each section is well-defined, contributing to the overall coherence of the manuscript.</p> <p>5. The manuscript appears scientifically sound, with detailed descriptions of experimental procedures, results, and data analysis. The use of molecular techniques such as PCR amplification and SDS-PAGE for validation adds credibility to the findings. However, a thorough peer review may help identify any potential methodological or interpretive issues.</p> <p>7. The references cited in the manuscript are sufficient and relevant to the study. They include recent publications addressing various aspects of sericulture, gene expression, and viral diseases in insects. Additional references could include recent studies on plant-mediated antiviral defenses and transgenic approaches in agriculture to provide further context and support for the research findings.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language and English quality of the article are generally suitable for scholarly communication. However, there are a few instances of grammatical errors, awkward phrasing, and repetitive wording that could be revised for clarity and conciseness. Additionally, ensuring consistency in terminology and style throughout the manuscript would enhance readability. Overall, minor editing for language refinement would improve the manuscript's quality for scholarly communication.</p>	
<p><b>Optional/General</b> comments</p>		

**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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**Reviewer Details:**

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