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| Journal Name: | [**Journal of Scientific Research and Reports**](https://journaljsrr.com/index.php/JSRR) |
| Manuscript Number: | **Ms\_JSRR\_139299** |
| Title of the Manuscript: | **Molecular identification and antimicrobial resistance profiling of Acinetobacter spp. isolated from retail meat samples in Chennai** |
| Type of the Article |  |

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| **PART 1: Comments** |
|  | **Reviewer’s comment****Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript highlights the growing public health threat of antimicrobial-resistant *Acinetobacter* spp. in the food chain, particularly through meat products. It sheds light on foodborne transmission pathways of multidrug-resistant organisms, especially *A. baumannii*. The findings provide valuable insights for improving food safety and guiding antimicrobial resistance control strategies.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes, the current title is generally appropriate and informative** |  |
| **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 current abstract of your manuscript is informative and well-structured, effectively covering the essential elements such as the study’s background, objectives, methods, results, and implications.****However, it could be more concise. Therefore, I suggest revising some sentences as follows.*** Eight isolates (2.67%) were recovered and confirmed through biochemical tests and PCR targeting the genus-specific 16S rRNA gene.
* Antimicrobial susceptibility testing revealed 100% sensitivity to gatifloxacin and minocycline, with varying levels of susceptibility to other antibiotics; no active efflux pump activity was detected by the ethidium bromide cartwheel method.
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| **Is the manuscript scientifically, correct? Please write here.** | Strong point: The manuscript is scientific, the data are clearly presented, AST are well summarized and logically interpreted.Weak Point: The study employed a simple molecular method to detect the target gene; however, it lacked basic statistical analysis, which is essential to enhance scientific rigor and reliability |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Convenient |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Minor grammatical errors are present.The text is scientifically sound but would benefit from language refinement to improve its flow and academic tone. Repetitive statements should be minimized and replaced with more concise and formal expressions |  |
| **Optional/General** comments |  |  |

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| **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)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

Reviewer details:

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