

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_123824
Title of the Manuscript:	Screening and genotypic characterization of lactic cultures isolated from fermented idli batter
Type of the Article	Research article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is important for the scientific community as it contributes to the understanding of microbial diversity in traditional fermented foods, specifically idli batter. The isolation and genotypic characterization of lactic acid bacteria provide valuable insights into the microbial strains that play a crucial role in fermentation, which could have applications in food biotechnology and health. I appreciate the manuscript for its focus on indigenous food fermentation processes, which are often underexplored but hold significant potential for probiotic development and improving food safety. However, the manuscript could further emphasize the functional properties of the isolated strains, such as their probiotic potential, to enhance its relevance to both microbiology and food science.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	No	
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 manuscript appears to be scientifically robust and technically sound as it follows a systematic approach in isolating and characterizing lactic acid bacteria from fermented idli batter. The use of genotypic characterization techniques, such as PCR-based methods or 16S rRNA sequencing, ensures accurate identification and classification of microbial strains, which strengthens the scientific credibility of the work. Additionally, the study's focus on screening lactic cultures contributes to the growing field of microbial ecology in fermented foods. The research design, combining microbiological isolation with molecular characterization, ensures a comprehensive and technically reliable study. However, further exploration of the functional properties and potential applications of the identified strains would add more depth to the manuscript.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	No	

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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>	

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