



SDI Review Form 1.6

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_40780
Title of the Manuscript:	Screening and Characterization of Putative Probiotic Lactobacillus Strains from Honey Bee Gut (Apis mellifera)
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)
<u>Compulsory</u> REVISION comments	<p>The line number 100 “100 to 125 honey bees (<i>Apis mellifera</i>) were collected from hives and honey vendors...”. The authors need to be specific about the number of honey bees and not to write as “100 to 125”</p> <p>The line number 109 “cultured MRS broth medium.” must be written as “cultured in MRS broth medium.”</p> <p>The line number 142 “10 µl of PCR product was analyzed on 1% agarose gel with GoldView™ for DNA staining in Tris-acetate-EDTA buffer 0.5X (TAE, pH 8.5) for 20 min at 130 V and the reading done by UV trans-illumination.” - The gel pictures needed.</p> <p>The line number 187 “Then, the amplicons were analyzed as previously described.” - The gel pictures needed.</p> <p>The line number 223 “DNA fragments of about 1400bp were observed in the agarose gel.” The gel pictures needed.</p> <p>The line number 247 “Microscopic observation revealed 247 that they were rod-shaped and arranged in pairs or chains of varying length.” The microscopic pictures needed.</p> <p>The line number 307 “only the <i>clpL</i> gene (encoding ATPase) was found”. The gel pictures needed.</p> <p>The line number 346 “the <i>bsh-Lp1</i> (<i>L. plantarum</i> Bsh1) gene 346 was amplified only in isolate H24 and H28. While, none of the <i>bsh-1</i>, <i>bsh-A</i> and <i>bsh-B</i> genes were 347 amplified on any of the isolates”. The gel pictures needed.</p> <p>The line number 395 “On the left, <i>Bsh_H24</i> gene (accession number MF098540) and on the right <i>Bsh_H28</i> gene (accession number MF098541) deposited in NCBI GenBank data base (http://blast.ncbi.nlm.nih.gov/Blast.cgi)”. These genes are not found in https://www.ncbi.nlm.nih.gov/nuccore/</p> <p>The line number 481 “A step of characterization of the isolates based on the PCR amplification”. The gel pictures needed.</p>	<p>Corrected as “120 honey bees (<i>Apis mellifera</i>) were collected from hives and honey vendors...”</p> <p>Corrected as “cultured in MRS broth medium.”</p> <p>The gel picture was added as Fig. 2 in the RESULTS section</p> <p>The gel picture was added as Fig. 4 in the RESULTS section</p> <p>The gel picture was added as Fig. 7 in the RESULTS section</p> <p>The gel picture was added as Fig. 1 in the RESULTS section</p> <p>The gel picture was added as Fig. 2 in the RESULTS section</p> <p>The gel picture was added as Fig. 4 in the RESULTS section</p> <p>In fact, the GenBank Direct Submission Staff (Bethesda, Maryland USA) indicated that the GenBank accession numbers should appear in any publication that reports or discusses these data, as it gives the community a unique label with which they may retrieve our data from their on-line servers. And also that, we may prepare and submit our manuscript before our accessions should be release in GenBank. However, submissions are not automatically deposited into GenBank after being accessioned and we have not specified the release date for our <i>Bsh</i> sequence data when submitting. Please, we then intend, to contact GenBank Submission Staff (at gb-admin@ncbi.nlm.nih.gov) as soon as possible with the approved release date for the public.</p> <p>The gel picture was added as Fig. 7 in the RESULTS section</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		