Author’s response to reviews

Title: PLASMID-BASED HIGH-RESOLUTION MELTING ANALYSIS FOR ACCURATE DETECTION OF RPOB MUTATIONS IN MYCOBACTERIUM TUBERCULOSIS ISOLATES FROM MOROCCAN PATIENTS

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Author’s response to reviews:

To the Editor, BMC Infectious Diseases

Mr. Edward A Graviss

Rabat, July 17th, 2017

Dear Editor,

Please find enclosed the revised manuscript "Plasmid-Based High-Resolution melting analysis for accurate detection of RpoB mutations in Mycobacterium Tuberculosis isolates from Moroccan patients" to be considered for publication in "BMC Infectious Diseases", Manuscript Number: INFD-D-17-00594_R1.
We revised the manuscript according to your recommendations.

1. We made the suggested corrections.

2. We revised all the manuscript for English editing changes.

Looking forward to hearing from you.

Thanking you,

Yours sincerely,

Hassan AIT BENHASSOU

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Response to Editor comments:

Thank you for your comments. We have made the changes accordingly.
1) Page 9, line 6 of the pdf, change "was" to "were".
Response: Corrected

2) Page 9, line 11 as discussed rpoB is the major gene where mutations cause drug resistance but there are additional mutations, which may also cause DR.

Response: Thank you for your comment. In fact, the major mutations (95%) conferring resistant to rifampicin are occurring within the RRDR region (81bp) of the rpoB gene. Few mutations have also been previously reported outside the RRDR in the N-terminal, CII, and CIII regions of rpoB.

3) Page 10, line 1 "has" not "have".
Response: Corrected

4) Page 10 line 5 Sentence structure is not correct, editing needed.
Response: Corrected

5) First sentence in the materials and methods needs rewording.
Response: Corrected

6) Page 11, Line 9 replace "that" with "the".
Response: Corrected

7) Page 13, line 13 "The" not "A".
Response: Corrected
8) Page 13, Line 23 "was" not "were".

Response: Corrected

Other revisions have been made and highlighted in the marked copy of the manuscript.