



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_43243
Title of the Manuscript:	High-level expression and purification of DNA and DNase free Taq DNA polymerase
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>A revised version of the manuscript addresses the most points raised during the review process. However, I do think that the author(s) need(s) to work a little more on the manuscript. The pLoxGentrc vector encoding Taq DNA polymerase was used to produce the recombinant enzyme. However, a construction of this plasmid has not been described in the Methods section. It is an important part of work and can not be omitted. Protein gel staining methods were also omitted in the methodology section.</p> <p>Information on clinical samples used in the study could be provided in section 2.7 and not at the end of the manuscript.</p> <p>Fig. 5a DNA size marker is not marked.</p> <p>I would like to emphasize that the scientific name of the species is always written in italics. Therefore it should be <i>Tubercle bacilli</i> or <i>Tubercle bacillus</i> (lane 120) instead of tubercle bacilli. Symbols for genes are also italicized, so <i>rpoB</i> gene (lanes 118, 284), <i>chuA</i> gene (lanes 119, 284) instead of rpoB gene, chuA gene.</p> <p>I think that one name of the bacterium <i>Tubercle bacillus</i> or <i>M. tuberculosis</i> (lane 284) should be used throughout the manuscript.</p> <p>The manuscript still requires editing of English language and style. Some examples:</p> <ul style="list-style-type: none"> - lanes 344 and 345: in my opinion it should be: samples were obtained from.../sample was obtained from... instead of samples were got from.../sample is got from...; - lane 99: it should be DNase activity instead of DNAse activity; - lanes 217,221,226, 319: it should be with specific primers instead of with specific primer; - lane 325: it should be with all types of samples instead of with all types of sample. - Fig, 5b: Unit of taq enzyme? - I am afraid that Taq DNA polymerase can not be used as a template (lanes 218, 222). - Lane 124-125: text reads: "The recombinant plasmid containing Taq DNA polymerase gene was confirmed by PCR with gene specific primers ... " In my opinion, the presence of Taq DNA polymerase gene within the recombinant vector/plasmid was confirmed by PCR and not the recombinant plasmid. 	

Reviewer Details:

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