



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	2013_IJTDH_5808
Title of the Manuscript:	Rv2485c, a putative lipase of M. tuberculosis: expression, purification and biochemical characterization
Type of the Article	Research Paper

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:

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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)
Compulsory REVISION comments		
Minor REVISION comments	The present paper describes a putative lipase of M. tuberculosis: expression, purification and biochemical characterization, and thus I would recommend the acceptance of the paper. However, I would like to suggest some minor corrections: Specific remarks: 1) Should check the punctuation such as Page 4, line 95: needs a period. Page 10, line 238: needs a period. Page 19, line 425: needs a period. 2) Page 6, line 164: Decanoate → decanoate. 3) Table 4. Bacteria name in italics. 4) Page 17, line 357-359: the previous studies needs references. 5) Page 18, line 375-377: the optimal substrate results could not give the abundant evidence to the explanation, as lipase is not only for provided carbon sources.	(Reviewers kindly note that due to addition of some data and lines into the manuscript, the line numbers have been changed, so they are requested to check for the corrections accordingly and look for the highlighted parts in the manuscript) 1)&2) The correction suggested are incorporated. 3) Correction made. 4) Reference added. 5) The optimal substrate results also include an experiment done where activity was checked with various carbon chain length substrates. The enzyme although demonstrated slight activity with pNP- decanoate and pNP- myristate also but as the maximum activity was achieved with pNP-palmitate, the explanation was done according to the results obtained.



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<u>Optional/General</u> comments		
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