



SDI Review Form 1.6

PART 1:

Journal Name:	<u>International Journal of TROPICAL DISEASE & Health</u>
Manuscript Number:	2013 IJTDH 4391
Title of the Manuscript:	Importance of N-terminal glycine-arginine rich (GAR) domain in Giardia lamblia fibrillarin in formation of snoRNA-fibrillarin complex
Type of the Article	Research paper

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	Improve Materials and Methods. Results: The homology determination should be done using a software where you can actually see the degree of conservation between the sequences (i.e., ClustalW, GenDoc). The purification of the recombinant protein is already explained in M&M section. In the Western blot experiment should include the full length fibrillarin recombinant protein. Localization experiments.	The Materials and Methods section has been improved according to the reviewer's suggestions. The Homology analysis is performed by ClustalW using SeaView Graphical representation version 4. The purification of the recombinant protein in the results section has been modified. Western blot of full length recombinant fibrillarin protein has been included in the manuscript. Giardial full length fibrillarin protein is reported to localise in the nucleus of the organism (Ganguly et al. RNA Biol. 2004 May; 1(1):48-53). As this GAR domain truncated fibrillarin protein was produced bacterially, and not within <i>Giardia</i>, it is not possible to show the localization of this truncated protein within the organism.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		