Reviewer's report

Title: Interleukin 32gamma (IL-32gamma) is highly expressed in cutaneous and mucosal lesions of American Tegumentary Leishmaniasis patients: association with tumor necrosis factor (TNF) and IL-10

Version: Date: 31 October 2013

Reviewer: Carlos Muskus

Reviewer's report:

Comments to the reviewed versión of the manuscript.

I have read the revised version of the article and the author's responses to my previous comments. I have seen that most of my questions were took into account by the authors and the corresponding changes were introduced in this new version, which I personally think improved the manuscript.

However, I still have these minor comments or corrections, but that do not affect the acceptance of the manuscript to be published.

1. In Results: Change table 1 by table 2 in the characterization of patients and parasites sections. Table 1 correspond to primer table.

In addition, adjust the font size of the sense primers in the table 1. Some of them are written with different font size.

2. In table 2, IHQ is annotated, while in the text of the manuscript IHC. If this is the same, I would suggest unifying it.

3. In table 2, in the section: Positive diagnostic test results % (positive/total tested) in the ML column vs PCR, you annotate 87,5 (7/8), however in the manuscript, at the end of the characterization of patients and parasites section of results, you annotate 100% (8/8) (page 13). Correct this data, or clarify this. And I think one parenthesis is missing in the data (8/8).

4. In the result section: Association of IL-32 expression with TNF and IL10, it is a bit confuse or not easy to read, the information about TNF expression data related with figures 4A and 4C

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.