Reviewer’s report

Title: Frequency and genotypes of Chlamydia trachomatis in patients attending the obstetrics and gynecology clinics in Jalisco, Mexico and correlation with sociodemographic, behavioral, and biological factors

Version: 0 Date: 20 Jun 2016

Reviewer: Daman Saluja

Reviewer's report:

With increasing anti microbial resistance, it is important that the host-pathogen interactions should be studied in detail. The first step is to identify the various strains and their association with specific symptoms. Work described is good and suggests that E and F serovars are most frequent in the population tested. This is in contrast to some of the other reports.

As regards to associations of C. trachomatis genotypes with risk factors in the study population, I feel about 100 samples is too low to associate the said serotype with a specific risk factor and symptom. This is rather a preliminary report in that direction and needs to done on a much larger cohort. Hence it would be better if this data is expanded on higher number of chlamydia positive samples.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
Quality of written English
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Acceptable

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