Author’s response to reviews

Title: The Establishment and Application of Preimplantation Genetic Haplotyping in Embryo Diagnosis for Reciprocal and Robertsonian translocation carriers

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Author’s response to reviews:

Editor

BMC medical genomics

Re: Manuscript ID: MGNM-D-17-00050

Manuscript Title: The Establishing and Application of Preimplantation Genetic Haplotyping in Embryo Diagnosis for Reciprocal and Robertsonian translocation carriers
Dear editor

Thank you for giving us the opportunity to resubmit our revised manuscript. We thank you and the reviewers for the interest in our manuscript, and for all of their helpful comments. We have addressed issues concerning our manuscript, and have revised the manuscript accordingly.

In the following few pages, please find our response to the reviewers’ concerns and critiques, point by point, in the order listed.

We hope that, with the following clarification and corrections, this revised manuscript could be acceptable for publication. We look forward to hearing from you.

With best regards,

Yours sincerely,

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Responses to Editor’s Comments

1. We note that you have included consent information in the Methods section "Written informed consent was obtained from each family", please also include this information in the Ethical approval and consent to participate section.

Response: Thanks for the valuable suggestion. As suggested, we have added the consent information in Ethics approval and consent to participate section, line 24, page 11.

2. As your manuscript contains many potential identifiers (sex of parents, their ages, the hospital they presented at, their fertility status), please clarify whether consent to publish their data was obtained from the patients in this study. Please include this information in the Consent to publish section.

If consent was not obtained, please change the patients' ages to ranges in Table 1, in order to protect the patients' anonymity.

Response: Thanks for the valuable suggestion. As suggested, we have added the consent information in Ethics approval and consent to participate section, line 26-27, page 11.

3. We have noted that one or more of the authors of this manuscript are members of the Editorial Board of this journal, in order to ensure transparency, please declare this in the Competing Interests section of the Declarations.

Response: Thanks for the valuable suggestion. As suggested, we have declared this in the Competing Interests section of the Declarations, line 19-20, page 11.

4. Please represent authors' names using their full initials, not their full name, in the Authors’ Contributions section. If there are any duplicated initials, please differentiate them to make it clear that the initials refer to separate authors.

Response: Thanks for the valuable suggestion. As suggested, we have corrected this in the Authors’ contributions section, line 13-17, page 11.

5. Please include a statement in the Authors' contributions section to the effect that all authors have read and approved the manuscript, and ensure that this is the case.
Response: Thanks for the valuable suggestion. As suggested, we have added this statement in the Authors’ contributions section, line 17, page 11.

6. We would also like to ask for you to provide more justification for the contributions of Caixia Lei, Junping Wu, Jing zhou, Haiyan Sun, Jing Fu, Yijuan Sun, as currently they do not automatically qualify for authorship. An 'author' is generally considered to be someone who has made substantive intellectual contributions to a published study. According to the ICMJE guidelines, to qualify as an author one should have:

a) made substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; AND

b) been involved in drafting the manuscript or revising it critically for important intellectual content; AND

c) given final approval of the version to be published. Each author should have participated sufficiently in the work to take public responsibility for appropriate portions of the content; AND

d) agreed to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Anyone listed as an author must be included in this section. If you choose to change your author list you will need to fill out a change in authorship form and send it by email to the Editorial office to be approved by the Editor. The form can be found here: https://www.biomedcentral.com/getpublished/editorial-policies#authorship.

Anyone who contributed towards the article who does not meet the criteria for authorship can be acknowledged in the ‘Acknowledgements’ section.

Response: Thanks for the valuable suggestion. As suggested, we have detailed stated each authors’ contributions in the Authors’ contributions section, line 13-17, page 11.

7. Please remove any supplementary files which you do not want published, such as the reviewer response letter, as they are no longer needed at this stage.

Response: Thanks for the valuable suggestion. As suggested, we have removed the reviewer response letter that I do not want published.
8. Please add a section "Additional files" (after the References/Figure legends) where you list the following information for each additional/supplementary file in the file inventory:
   - File name (e.g. Additional file 1)
   - Title of data
   - Description of data

Response: Thanks for the valuable suggestion. As suggested, we have added this statement after Figure legends section, line 20-25, page 15.

9. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files.

Response: Thanks for the valuable suggestion. As suggested, we have uploaded my final manuscript as a single, final, clean version.