Author’s response to reviews

Title: Association analysis between the tag single nucleotide polymorphisms of DENND1A and the risk of polycystic ovary syndrome in Chinese Han women

Authors:
yanan zhu (zh-yanan@163.com)
Yi-ting Zhang (zhangyiting90@qq.com)
Qin Liu (1398538402@qq.com)
Shan-Mei Shen (shanmeishen@126.com)
Xiang Zou (xiang.y.zou@polyu.edu.hk)
Yun-xia Cao (caoyunxia6@126.com)
Wen-jun Wang (wenjungzcn@163.com)
Long Yi (yilong@nju.edu.cn)
Qian Gao (qian-gao@nju.edu.cn)
Wei-Dong Yang (ywdong2001@sohu.com)
Yong Wang (yongwang@nju.edu.cn)

Version: 4 Date: 12 Dec 2019

Author’s response to reviews:

Dear Editor,

Re: MGTC-D-19-00211R3 (Research Article) Zhu et al "Association analysis between the tag single nucleotide polymorphisms of DENND1A and the risk of polycystic ovary syndrome in Chinese Han women".

We would like to thank the editor and the reviewers for their constructive suggestions and comments. We hereby resubmit our revised manuscript to BMC Medical Genetics.

Editor and Reviewers’ suggestions and comments are responded as follows. We hope that the manuscript can now be accepted for publication in this journal. We are looking forward to your favorable decision.
1. Declarations heading

Please ensure that you include a ‘Declarations’ heading and that it is placed after the Abbreviations in your manuscript. The Declarations section encompasses the sub-sections: Ethics approval and consent to participate, Consent for publication, Availability of data and material, Competing interests, Funding, Authors’ contributions, Acknowledgements.
Response: We have included these contents in the revised manuscript.

2. Competing interests

Please remove the statement “All the authors have given final approval of the version to be published.” from the Competing interests section.
Response: Done.

3. Role of funding bodies

Please provide more details regarding the specific role of each of the funding bodies in your study. If the funding bodies only provided the financial means to allow the authors to carry out the study, please state “The funding bodies played no role in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript” and include this statement in the Funding section of your manuscript.
However, if each of the funding bodies took part in the design of the study and collection, analysis, and interpretation of data, and the writing of the manuscript, this must be stated in the Competing Interests section of your manuscript.
Response: We have included this statement as suggested in the revised manuscript.

4. Availability of data and materials

Please note that BMC mandates data deposition for the following:
• Protein sequences
• DNA and RNA sequences
• DNA and RNA sequencing data
• Genetic polymorphisms
• Linked genotype and phenotype data
• Macromolecular structure
• Microarray data (must be MIAME compliant)
• Crystallographic data for small molecules

As such, we ask that you please provide the relevant accession numbers if your data has been deposited into a data bank or the appropriate web links if the data has been uploaded into a repository. If the data has not yet been deposited, please do so and provide the relevant information needed to access it in the ‘Availability of data and materials’ section in your manuscript. Please ensure all data is already released and that any accession numbers/web links are in the ‘Availability of Data and Materials’ in their final form, and that all links and accessions allow access to public data.
Your data availability statement can take the following form: “The datasets generated and/or analysed during the current study are available in the [NAME] repository, [PERSISTENT WEB LINK OR ACCESSION NUMBER TO DATASETS].”
Response: We do not have any newly discovered sequencing data.
5. Authors' contributions

a) Please remove the duplicated statement “SMS, YXC and WJW participated in sample collection” from the Authors' contributions section.

b) Please consider the list of authors as it currently stands with reference to our guidelines regarding qualification for authorship (http://www.biomedcentral.com/submissions/editorial-policies#authorship). Currently, the contributions of author SMS, YXC and WJW does not automatically qualify them for authorship. In the section “Authors’ contributions”, please provide further clarifications on their contributions, and see our guidelines for authorship below.

An 'author' is generally considered to be someone who has made substantive intellectual contributions to a published study. Authors are expected to fulfil the criteria below (adapted from McNutt et al., Proceedings of the National Academy of Sciences, Feb 2018, 201715374; DOI: 10.1073/pnas.1715374115; licensed under CC BY 4.0):

Each author is expected to have made substantial contributions to the conception OR design of the work; OR the acquisition, analysis, OR interpretation of data; OR the creation of new software used in the work; OR have drafted the work or substantively revised it
AND to have approved the submitted version (and any substantially modified version that involves the author's contribution to the study);
AND to have agreed both to be personally accountable for the author's own contributions and to ensure that questions related to the accuracy or integrity of any part of the work, even ones in which the author was not personally involved, are appropriately investigated, resolved, and the resolution documented in the literature.

Please note that acquisition of funding, collection of data or general supervision of the research group, alone, does not usually justify authorship. You may acknowledge individuals who assist in the acquisition of funding or of data or supervise the research group in the Acknowledgments section of your manuscript.

If you wish to amend the list of authors, please use the standardised form which you and your co-authors must complete. The authorship change form can be found at the following link: https://resource-cms.springernature.com/springer-cms/rest/v1/content/7454878/data/v5
All instructions can be found on the form, please treat the 'current authorship' section as the original authorship. Please return the form within 14 days by email to the Editorial Office with all author signatures (including those newly added/removed).

Response:
In this study, SMS, YXC and WJW were responsible for initially screening of patients and controls for enrollment in the study and performed clinical investigations, whose work not only formed the foundational basis of this project, but also directly generated data used in this study. Now, we have revised the author contribution part and explained their contribution as: SMS, YXC and WJW were responsible for the recruitment of patient and control subjects and performed clinical examinations.

6. Supplementary figures

As per our submission guidelines, we also require that all additional files be individually cited in the text in sequence in a manuscript. Your supplementary figures are currently not cited in your manuscript. Please ensure that they are appropriately cited within the main body of text in your manuscript. Any items which are not cited may be deleted by our production department upon publication.

Response: We have cited them in the revised manuscript.
7. Figure legends

Please move the information from the additional file entitled ‘Revised-Figure legend.docx’ to your main manuscript, including this section after the References. Once you do this, please remove this additional file from the file inventory.
Response: Done

8. Remove attachments

Please remove the following additional files from your manuscript and from the file inventory as they are no longer needed at this stage:
• EDITORIAL CERTIFICATE.pdf
• MGTC-D-19-00211R2 Response to reviews revision.docx
Response: Done.

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. Should you wish to respond to these revision requests, please put your responses to the reviewers'/editors’ comments in the Response to Reviewers box in Editorial Manager. Please do not upload a separate letter.
Response: OK.

Yours sincerely,
On behalf of my coauthors
Yong Wang Ph.D.