Author’s response to reviews

Title: Identification of two novel COL10A1 heterozygous mutations in two Chinese pedigrees with Schmid-type metaphyseal chondrodysplasia

Authors:
Lingchi Kong (13122230023@163.com)
Li Shi (593635386@qq.com)
Wenbo Wang (259525450@qq.com)
Rongtai Zuo (zuorongtai@163.com)
Mengwei Wang (1617704772@qq.com)
Qinglin Kang (orthokang@163.com)

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Author’s response to reviews:

Dear Editor,

Thanks for your letter dated December 6th. We were pleased to receive a minor revision about the “Availability of data and materials”. We appreciate you for the time and efforts that you have put into reviewing the previous version of the manuscript.

Appended to this letter are our point-by-point responses to the comments raised by editor. The comments were reproduced and our responses were given directly afterward. We hope that this version is acceptable for publication in “BMC Medical Genetics”. Should you have any question, please feel free to contact me. Thank you!

Yours sincerely,

Qing-Lin Kang

E-mail: orthokang@163.com
1. Availability of data and materials

Please note that all data must be made public prior to publication and we cannot proceed to publish your manuscript if your data is not deposited and made publicly available. We are an open access journal and submission of a manuscript to a BMC journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any scientist wishing to use them for non-commercial purposes. As your data falls under the list of data types which must be deposited (listed below), 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.

**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

Response: Thanks for your kind guidance. We are sorry for the previous misunderstanding. Now the datasets in the current study have been accepted by “Mendeley Data” and deposited into this dataset bank. The persistent web link was provided in the section of “Availability of data and materials”. Therefore, we declared that “the datasets generated and analysed during the current study are available in the Mendeley repository, https://data.mendeley.com/datasets/gt6h3nkkrv/1 (DOI: https://doi.org/10.17632/gt6h3nkkrv.1)” in this section (Line 315 to 317, Page 15).
2. 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: We have well prepared these materials for publication according to the requirements. Thank you!