Dear Editors and Reviewers,

Thank you for your letter and for your and the reviewers' suggestions concerning our manuscript entitled "Must patient with Peutz-Jeghers syndrome have the LKB1/STK11 gene mutation?" (Manuscript NO.: 38860). Those suggestions are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied those suggestions carefully and have made correction. Revised portion are marked in red in the manuscript. The main corrections in the paper and the responds to the suggestions are as flowing:

Responds to those suggestions:

1. Response to suggestion: Some language polishing should be checked.

Response: Considering the reviewer's suggestion, we have thoroughly proofread our draft to correct typographical and grammatical errors.

2.Response to suggestion: Request a running title.

Response: "Duan FX *et al*. PJS patient without *LKB1/STK11* gene mutation" was added.

3. Response to suggestion: A copy of the full approved grant application form(s) should be provided to the BPG in PDF format.

Response: According to the military secrecy provisions and superior instructions, we are very sorry for being unable to provide the copy of those forms. Such as inconvenience, please forgive us. (see the supplementary material.)

4. Response to suggestion: Request an audio core tip.

Response: We made and submitted an audio file describing the final core tip.

5. Response to suggestion: Adjust the reference annotation format.

Response: We changed the form of the citation coding system according to your suggestions.

6. Response to suggestions from the content of the reminder.

Response: We changed the position of figures and tables, submitted two versions of the figures including arrows, and provided explanations for all

arrows and some other figure legends.

Other changes:

1. The timeline of this patient was added.

2. Line 75-77, the statement of "Through examination by means of high-throughput sequencing (HTS) technology, only mutations in *APC* gene (c.6662T>C:p.Met2221Thr) and *MSH6* gene (c.3488A>T:p.Glu1163Val) were detected, and no obvious mutation in *LKB1/STK11* gene was found" was corrected as "By means of high-throughput sequencing (HTS) technology, only mutations in *APC* gene (c.6662T>C: p.Met2221Thr) and *MSH6* gene (c.3488A>T: p.Glu1163Val) were detected".

3. Line 108, the statement of "polyps of PJS can be secondary to severe complications" was corrected as "polyps of PJS can develop secondary severe complications".

4. Line 212-213, the statement of "to forecast the conservative of the mutation genes" was corrected as "to forecast the conservatism of the impaired amino-acid residues".

We tried our best to improve the manuscript and make some changes in the manuscript. These changes will not influence the content and framework of the paper. We appreciate for your warm work earnestly, and hope that the corrections will meet with approval.

Once again, thank you very much for your suggestions.

Yours sincerely,

Fu-Xiao Duan

Corresponding author:

Name: Guo-Li Gu

E-mail: kzggl@163.com