Dear Sir or Madam:

We are grateful for this opportunity to revise our paper. The editors and reviewer provided valuable comments on our paper. We accepted all suggestions and revised the manuscript accordingly. The point-to-point responses are listed below. We are pleased to receive any further feedback and have more discussion if necessary.

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade C (A great deal of language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: Title and abstract: - Based on my opinion the title and abstract were clear and strongly cover the study. Objectives, aims, methods and results are elucidated well and are convincing. Introduction: - The introduction explains completely and covers the purpose and objectives of the study. Methods: - The methods were mostly explained well by authors, but there were some unexplained and incomprehensible parts. Preparing animals for research is one way scientists can minimize animal stress. Preparation most commonly includes quarantine, acclimation, and stabilization. Make clearer. -What exact include/exclusion criteria for this experimental study? Results: -This data and analysis are plausible. Discussion: -Discussion part was done very well and all the results were described in this part clearly and completely. All the analysis, results and finding are relevant and refrained from providing nonspecific content. Conclusion: Conclusion was correlated to the results and conclude the study very completely. Overall: Language needs some editing, to make the text easier to read. I hope that my concerns will help you improve your manuscript.

Response

We are grateful for this opportunity to revise our paper. We accepted all your suggestions and revised the manuscript accordingly. The point-to-point responses are listed below.

- 1. Thank you for this suggestion about the methods. We rewrote the methods and divided the methods into several parts following the samples. We also included detailed additions for each part. Hope we explain our methods clearly this time.
- 2. We agree with you on minimizing animal stress. Although we didn't include animal experiments in the present study, we will consider this issue for potential animal experiments in the future.
- 3. Regarding the inclusion and exclusion criteria, we are grateful for the opportunity to elaborate on these details. We focused on this young patient at the neurological clinic and then found novel gene mutations after gene testing. If there is an opportunity in the future, we will also pay attention to mutations in this gene in other SCA patients.
- 4. Regarding the language, we further edited the language ourselves, and we also sent our manuscript to AJE for professional editing. We will provide an updated language certificate this time along with the manuscript to ensure that the revised manuscript meets the publication requirements.

Editorial office's comments

(1) Science editor:

Authors identified c.3288delA (p.Asp1097ThrfsTer6) frameshift mutation of the VPS13D gene in Autosomal recessive spinocerebellar ataxia type 4, the author did a good job and the article was very interesting. The article's method should be described in detail. Abbreviations should not be used in the title.

Language Quality: Grade B (Minor language polishing) Scientific Quality: Grade B (Very good)

Response

We are grateful for this opportunity to revise our paper. We accepted all your suggestions and revised the manuscript accordingly. The point-to-point responses are listed below.

- 1. Thank you for this suggestion about the methods. We rewrote the methods and divided the methods into several parts following the samples. We also included detailed additions for each part. Hope we explain our methods clearly this time.
- 2. Thank you for the reminder about the title. As suggested, we revised the title to exclude abbreviations.
- 3. Regarding the language, we further edited the language ourselves, and we sent our manuscript to AJE for professional editing. We will provide an updated language certificate this time along with the manuscript to ensure that the revised manuscript meets the publication requirements.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before its final acceptance, the author(s) must provide the Signed Informed Consent Form(s) or Document(s) of treatment in Chinese. Please send the manuscript to AJE for a re-editing of the manuscript. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor. Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Response

We are grateful for this opportunity to revise our paper. We accepted all your suggestions and revised the manuscript accordingly. The point-to-point responses are listed below.

- 1. Thank you for this reminder, and we will submit the Signed Informed Consent Form(s) along with the manuscript in the submitting system.
- 2. We are grateful for your suggestion. We sent the manuscript to AJE for re-editing, and we will provide an updated language certificate along with the manuscript to ensure that the revised manuscript meets the publication requirements this time.
- 3. As suggested, we prepared the figures using PowerPoint (in which all components are

movable and editable) to allow reprocessing, and we submitted the figures as "69587-Image File.pptx" in the system.

We vouch for the accuracy of the manuscript according to the guidelines of your journal. This manuscript has not been published and is not under consideration for publication elsewhere. All authors have no conflicts of interest to disclose.

we appreciate your review of this work, and we look forward to hearing from you soon.

Sincerely yours, Dongsheng Fan, MD, PhD Head and Professor, Department of Neurology, Peking University Third Hospital Beijing 100191, China