

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 80275

Title: Novel gene mutation in maturity-onset diabetes of the young: A case report

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05689039

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoctoral Fellow

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-09-24

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-25 14:44

Reviewer performed review: 2022-11-10 02:55

Review time: 15 Days and 12 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors provided us with a novel KLF11 gene mutation associated with Maturity-onset diabetes of the young (MODY). They discovered the mutation by sequencing the panel of 14 MODY genes. The study is well organized and the manuscript is well written. Just a few issues need to be addressed: 1. "MODY7 is caused by mutations in the transcription factor Kruppel-like Factor 11 (KLF11) gene" Please add the reference for the statement. 2. The authors did not show the sequences of the other 13 MODY genes. Are there any other mutations in those genes in the family? 3. It would be helpful if the authors modify the sequencing picture (Figure 1b), making it more straightforward to find out the mutant DNA base.

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Reviewer's code: 03796017

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Postdoctoral Fellow, Research Assistant, Research Associate, Senior Researcher

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2022-09-24

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-11-29 10:31

Reviewer performed review: 2022-11-29 11:11

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

The authors have written a well-described case report paper about a "novel" mutation, resulting in MODY. My concerns: The gene and its mutation is not "novel". For reference please see: <https://eje.bioscientifica.com/view/journals/eje/164/4/513.xml> and <https://www.genecards.org/cgi-bin/carddisp.pl?gene=KLF11> The authors are kindly requested to add the novelty and the useful elements of their case report in the paper. What new does this paper add to the current knowledge?