

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 59491

Title: Co-inheritance of OLFM2 and SIX6 variants in a Chinese family with juvenile-onset primary open-angle glaucoma: A case report

Reviewer's code: 05207387

Position: Editorial Board

Academic degree: DSc, PhD

Professional title: Professor

Reviewer's Country/Territory: South Korea

Author's Country/Territory: China

Manuscript submission date: 2020-09-14

Reviewer chosen by: Xi-Fang Chen (Part-Time Editor)

Reviewer accepted review: 2020-10-30 04:16

Reviewer performed review: 2020-11-01 23:35

Review time: 2 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Grade A: Priority publishing <input checked="" 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

Thanks for recommending me as a reviewer. This is a meaningful case study. The proband patient was a young male, diagnosed with primary open-angle glaucoma (POAG). at the age of 27. The patient and his unaffected parents who have been excluded from classic genetic mutations for POAG, at Zhongshan Ophthalmic Center, were included to explore for other possible genetic variants through whole genome sequencing (WGS) and bioinformatics analysis. This study is well written overall. If the authors complete minor revisions, it will be a higher quality study. 1. page 6, line 7: If the author describes the subject's past medical history (History of past illness) more specifically, it can help readers understand. 2. page 8, line 16: If the author describes the "treatment" more specifically, it can help the reader understand.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 59491

Title: Co-inheritance of OLFM2 and SIX6 variants in a Chinese family with juvenile-onset primary open-angle glaucoma: A case report

Reviewer's code: 05427465

Position: Editorial Board

Academic degree: MBBS, MD

Professional title: Assistant Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-09-14

Reviewer chosen by: Xi-Fang Chen (Part-Time Editor)

Reviewer accepted review: 2020-10-30 16:51

Reviewer performed review: 2020-11-02 02:44

Review time: 2 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

None

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 59491

Title: Co-inheritance of OLFM2 and SIX6 variants in a Chinese family with juvenile-onset primary open-angle glaucoma: A case report

Reviewer's code: 05419979

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2020-09-14

Reviewer chosen by: Xi-Fang Chen (Part-Time Editor)

Reviewer accepted review: 2020-10-31 13:40

Reviewer performed review: 2020-11-02 14:06

Review time: 2 Days

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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

This case-report with the manuscript ID59491, describes a co-inheritance of OLFM2 and SIX6 variants in a JOAG case, which might be effective in the onset of JOAG. This report may enrich the genetic spectrum of JOAG especieally in means of co inheritance of variants that might play role in disease onset. Although further investigations on the functional effects of OLFM2 and SIX6 variants on JOAG should be performed, the report can be useful at the clinical level in means of identification of further similar cases. The manuscript represents the corresponding case clearly. The proband includes the mutations on two genes that are inherited from each parent seperately. The parents and the sibling does not represent the disease phenotype but only the proband who harbours both mutations. And the authors claim that there is no mutation on other disease related loci. Co-inheritance of OLFM2 and SIX6 variants are not found to be represented in JOAG before although several co-inheritance studies exists seperately for both genes. The title reflects the main subject of the case-report which is co-inheritance of OLFM2 and SIX6 variants in a Chinese family case of JOAG. The abstract summarizes the report in a clear way and the key words reflect the main subject of the report. The information given in the background is sufficient to understand the issue and the work clearly. The methods are described adequtely and are appropriate to reach the primary objectives of the work. The discussion highlights the key points in relevance with the literatüre and reflects the significance of the study. I think the case report is appropriate for publication after minor revisions. My recommendations are as follows: Methods and results: • In the whole genome sequencing part , the names (or list) of the reference genes used can be given. • In the whole genome sequencing part, the SNPs positions for some of the major genes that are previously known to affect JOAG phenotype better can be shown as a new figure or as a supplementary figure. Figures: • In Figure 2A, the



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

proband should be indicated with an arrow in the pedigree. In the Figure 2B legend, instead of “unaffected families”, the term “unaffected family members” better be used. • In Figure 3 Legend, B and C should be separated and better be written as: “The mutation and wild type residues for B) OLFM2 p.Arg94 and C) SIX6 p.Ile59 were highlighted with red box.” • In Table 1 Legend better be written as: “Primer sequences used for Sanger Sequencing”

Language: The report is well-organized and the language is clear. There are very few grammar errors that need to be corrected such as: • Page 3 Line 24-25: Instead of “this co-inherited mutations is”, it should be “these co-inherited mutations are” • Page 12 Line 22: The “gene chip based test” better be written as “gene chip-based test”

Informed consent statement is in Chinese. So along with the original one, the English translated one can also be loaded for being able to evaluate