

ANSWERING REVIEWERS



March 12, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: Horii&Hatada(revision)).

Title: Title: Genome engineering using the CRISPR/Cas system

Author: Takuro Horii and Izuhiko Hatada

Name of Journal: *World Journal of Medical Genetics*

ESPS Manuscript NO: 8499

The manuscript has been improved according to the suggestions of reviewers:

Revision has been made according to the suggestions of the reviewer

1. Page 6. Subtitle for the section: "About the CRISPR/Cas System". Maybe it will be a better phrase after deleting the word "about". (Reviewer: 00291404)

We removed "about".

2. A few citations are very new and thus page numbers might not have been available when the authors were preparing the manuscript. This includes references #30, 34, 36, 39, 40, 95. Please update them. (Reviewer: 00291404)

We correctly updated them.

3. In the Introduction, there should be some background introduction on brief history of CRISPR/Cas system. (Reviewer: 00340828)

We added a sentence for the background introduction.

4. In each figure, the legends are missing, and certain abbreviations left with no explanation, e.g. DSB. (Reviewer: 00340828)

We added the legends and the explanation about abbreviations in both figures.

5. "sequence NGG" but it is not clear what NGG stands for. (Reviewer: 00631887)

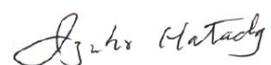
We added the explanation for NGG in Fig.1

6. In the 6th paragraph of "Offtarget mutations" section, the expression "as applied as standard in RNA interference (...)" is not clear, and needs to be re-phrased. (Reviewer: 00631887)

We added more detailed explanations.

Thank you again for publishing our manuscript in the *World Journal of Medical Genetics*.

Sincerely yours,



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