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Receipt of reviewer's report for SREP-16-10787A

1 message

scientificreports@nature.com <scientificreports@nature.com>

Sat, Jun 25, 2016 at 10:20 AM

Reply-To: scientificreports@nature.com

To: scguo@ucsd.edu

Dear Dr Guo,

Thank you for submitting your report on "Tertiary Epimutations - A Novel Aspect of Epigenetic Transgenerational Inheritance Promoting Genome Instability" by Dr McCarrey et al. A copy of this report is attached below for your reference.

Best regards,

Manuscript Administration
Scientific Reports
4 Crinan Street
London N1 9XW
E-mail: scientificreports@nature.com

Is the manuscript technically sound?: Yes

Could the manuscript become technically sound with revision?: No

Are the conclusions supported by the evidence presented?: No

Are additional experiments or data required to support the conclusions?: Yes

Does the manuscript only duplicate previous work?: No

Appropriate use of statistics and treatment of uncertainties?: Yes

References: appropriate credit given to previous work?: Yes

Is the manuscript written clearly using Standard English?: Yes

Electrophoretic gels and blots are presented clearly and are free from apparent manipulation?: N/A

Technical Comments to the Author:

Recommendation: Accept

Remarks to the Editor:

Dr. McCarrey¹ and colleagues proposed a model for tertiary epimutations which they claimed as a novel aspect of epigenetic transgenerational inheritance promoting genome instability. In the response letter, the authors have solved all the question I mentioned. In general, the idea is quite fancy and logic sound fantastic. Although it is not perfect in the study design, sample size and the interpretation between different result, the present results were good enough to bring out this question to the scientific field as the proof-of-principle discovery.

Remarks to the Author:

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