

## **Author's Response To Reviewer Comments**

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Dear GigaScience Editorial team and reviewers,

Great thanks for all the constructive comments to our manuscript. We have included the addition discussion on the off-target effects of dCas9-based methyltransferases and other effector proteins. In addition, we have cited the GigaDB file of our study in the revised MS (highlighted in blue).

All supplementary files are now converted to the correct format.

Kr,  
Alun