

Loops and the activity of loop extrusion factors constrain chromatin dynamics

Mary Lou Bailey, Ivan Surovtsev, Jessica Williams, Hao Yan, Tianyu Yuan, Kevin Li, Katherine Duseau, Simon Mochrie, and Megan King

Corresponding author(s): Megan King, Yale School of Medicine

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(Note: With the exception of the correction of typographical or spelling errors that could be a source of ambiguity, letters and reports are not edited. The original formatting of letters and referee reports may not be reflected in this compilation.)

RE: Manuscript #E23-04-0119

TITLE: "Loops and the activity of loop extrusion factors constrain chromatin dynamics"

Dear Megan and co-authors,

Thank you for forwarding this manuscript and prior reviews to the Molecular Biology of the Cell. I appreciate your response to the reviewers comments and am pleased to inform you that your manuscript is acceptable for publication. I would offer one editorial suggestion. Considering the novelty of your model and its contribution to your paper, I was trying to find whether you modeled a single chain, or whether you tried to simulate the actual chain in a cell (confinement) in the presence of the entire genome (crowding)(as done in DOI: 10.1371/journal.pcbi.1007124 and DOI: 10.1093/nar/gkx741). It looks like you modeled a free unconfined chain (p. 37). I suggest that you point this out in the results section to make it easier for the reader to understand the limitations of the model.

Thank you for submitting this work to the Molecular Biology of the Cell, and congratulations to you and your authors.

Best,
kerry

Kerry Bloom
Monitoring Editor
Molecular Biology of the Cell

Dear Dr. King,

The review of your manuscript, referenced above, is now complete. The Monitoring Editor has decided that your manuscript requires minor revisions before it can be published in Molecular Biology of the Cell, as described in the Monitoring Editor's decision letter above and the reviewer comments (if any) below.

A reminder: Please do not contact the Monitoring Editor directly regarding your manuscript. If you have any questions regarding the review process or the decision, please contact the MBoC Editorial Office (mboc@ascb.org).

When submitting your revision include a rebuttal letter that details, point-by-point, how the Monitoring Editor's and reviewers' comments have been addressed. (The file type for this letter must be "rebuttal letter"; do not include your response to the Monitoring Editor and reviewers in a "cover letter.") Please bear in mind that your rebuttal letter will be published with your paper if it is accepted, unless you have opted out of publishing the review history.

Authors are allowed 15 days to submit a revision. If this time period is inadequate, please contact us immediately at mboc@ascb.org.

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Thank you for submitting your manuscript to MBoC. Please do not hesitate to contact this office if you have any questions.

Sincerely,

Eric Baker
Journal Production Manager
MBoC Editorial Office
mbc@ascb.org

RE: Manuscript #E23-04-0119R

TITLE: "Loops and the activity of loop extrusion factors constrain chromatin dynamics"

Dear Megan and co-authors,

Thank you for your response to my few suggestions. I am pleased to inform you that your manuscript is now suitable for publication in the *Molecular Biology of the Cell*. Thank you for submitting this interesting work.

Kerry

Kerry Bloom
Monitoring Editor
Molecular Biology of the Cell

Dear Dr. King:

Congratulations on the acceptance of your manuscript! Thank you for choosing to publish your work in *Molecular Biology of the Cell* (MBoC).

Within 10 days, an unedited PDF of your manuscript will be published on MBoC in Press, an early release version of the journal. The date your manuscript appears on this site is the official publication date.

Your copyedited and typeset manuscript will be scheduled for publication in the next available issue of MBoC. Our production team will notify you when the page proofs of your paper are ready for your review.

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We look forward to publishing your paper in MBoC.

Sincerely,

Eric Baker
Journal Production Manager
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