



PRITZKER SCHOOL OF
MOLECULAR ENGINEERING

THE UNIVERSITY OF CHICAGO

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Prof. Hanadi Sleiman
Associate Editor, *The Journal of the American Chemical Society*

Dear JACS Editorial Office

Thank you for your 20-Sep-2021 message regarding our article “Determining sequence-dependent DNA oligonucleotide hybridization and dehybridization mechanisms using coarse-grained molecular simulation, Markov state models, and infrared spectroscopy” assigned manuscript ID ja-2021-05219p.R2. We thank the editorial office for handling our submission and the anonymous reviewers for their careful reading and critical assessment of our work.

We are delighted that our work has been accepted for publication in *The Journal of the American Chemical Society*. As detailed below, we have made the remaining requested formatting changes required prior to production.

Yours Sincerely

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cc: M.S. Jones, B. Ashwood, A. Tokmakoff

Formatting Changes

We are pleased to inform you that we are prepared to accept your manuscript for publication in the Journal of the American Chemical Society. However, before we can do so, there are a few remaining formatting changes that are required before we can send your manuscript on to our production office.

Please make the following format changes:

- Ensure all parts of the figures are clearly labeled and correspond with the callout-outs in the figure caption. Currently, figure 1a and b are mentioned in the caption but are not labeled in figure 1.

Author Reply: Done.

- Ensure all parts of the figures are clearly labeled and correspond with the callout-outs in the figure caption. Currently, figure 3a and b are mentioned in the caption but are not labeled in figure 3.

Author Reply: Done.

- Please put Reference 76 in the following format: Author 1; Author 2; Author 3; etc. Title of Article. Submission Date. Name of Repository (section name, if provided). Article Number or URL. (accessed YYYY-MM-DD).

Author Reply: Done.

- Please consider improving the resolution of the TOC for ease of viewing/reading.

Author Reply: Done.

- Please consider improving the resolution of Figures S1 and S5 for ease of viewing/reading.

Author Reply: Done.