CryoEM Structure of Drosophila Flight Muscle Thick Filaments at 7Å Resolution

Nadia Daneshparvar, Dianne Taylor, Thomas O'Leary, Hamidreza Rahmani, Fatemeh Abbasiyeganeh, Michael Previs, and Kenneth Taylor **DOI: 10.26508/Isa/202000823**

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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.)

No Peer Review Process File is available with this article, as the authors have chosen not to make the review process public in this case.

1st Editorial Decision

24 June 2020

RE: Life Science Alliance Manuscript #LSA-2020-00823-T

Prof Kenneth A. Taylor Florida State University Institute for Molecular Biophysics Off Chieftain Way Tallahassee, FL 32306-4380

Dear Dr. Taylor,

Thank you for submitting your revised manuscript entitled "CryoEM Structure of Drosophila Flight Muscle Thick Filaments at 7Å Resolution". We would be happy to publish your paper in Life Science Alliance pending final revisions necessary to meet our formatting guidelines.

-please have all corresponding authors add their ORCID ID - you should have received instructions on how to do so

-please add all required information to our system (summary blurb, category, author contributions, etc.)

-please add a conflict of interest statement to the main manuscript text -please add all figures in separate files, including the main figures and the supplementary figures (for more information on figure formatting, please look at our author guidelines)

-please add your figure legends for main figures, supp. Figures, and movies to the main manuscript text

-please provide your manuscript and tables in editable docx or excel format versions -please list 10 authors and et al. in the reference list

-please take a look at your figure callouts once more - on page 11, there is a callout for Figure 5, but the manuscript does not have a Figure 5

-Please add information on p-values and number of replicates in the figure legends where appropriate

-Please limit keywords to maximally five

-please consult our Manuscript Preparation Author Guidelines and follow the instructions of how the sections of your manuscript should be divided

-Remove separate 'Statement of Significance' and 'Conclusions' paragraphs. -Rename 'Data depositions' section to 'Data availability' and update the accession

-Rename 'Data depositions' section to 'Data availability' and update the accession codes.

-Introduce a separate Statistical Analysis' paragraph within the Material and Methods.

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29 June 2020

2nd Editorial Decision

RE: Life Science Alliance Manuscript #LSA-2020-00823-TR

Prof. Kenneth A. Taylor Florida State University Institute of Molecular Biophysics 91 Chieftan Way Tallahassee, FL 32306-4380 United States

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-please add the figure legends for Supplementary Figures, table legends, and movies to the main manuscript text

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3rd Editorial Decision

June 30, 2020

RE: Life Science Alliance Manuscript #LSA-2020-00823-TRRR

Prof Kenneth A. Taylor Florida State University Institute for Molecular Biophysics Off Chieftain Way Tallahassee, FL 32306-4380

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