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Editorial Team

*JoVE*

*September 17th, 2018*

Dear Scientific Editors,

Thank you for the comments. We have revised the manuscript to address each comment accordingly. Changes are marked in the revised manuscript via the track function.

We appreciate your time and look forward to your response.

Sincerely,



**Responses to the editors (20180913 edits):**

Thank you for the comments. We have revised the manuscript to address each comment accordingly. Changes are marked in the revised manuscript via the track function.

*1. Please reduce your use of “MitoTracker”, “LysoTracker”, and “FlowJo” further; generally, we recommend to introduce generic terms for commercial products on first use and use them for the remainder of the manuscript.*

We now have removed majority of the terms “MitoTracker”, “LysoTracker”, “FlowJo” and replaced with generic terms such as “mitochondria-specific dye” or “lysosome-specific dye”. (please see line 165, 174, 245, 299, 335-341, 344-350). The few remaining ones are to specify the dyes and concentrations used in the protocol (line 163, 168).

*2. You say that your euthanasia method has been approved by your IACUC; has your protocol as a whole been approved as well? Please specify this.*

Yes, the whole procedure is approved by IACUC. We have now specified this in the manuscript (line 113).

*3. The protocol is currently 3.5 pages long; however, we only have a 2.75 page limit for filming. Please highlight 2.75 pages or less of the Protocol (including headers and spacing) that identifies the essential steps of the protocol for the video, i.e., the steps that should be visualized to tell the most cohesive story of the Protocol. Remember that non-highlighted Protocol steps will remain in the manuscript, and therefore will still be available to the reader.*

We have highlighted the essential steps of the protocol for the video (line 155-239), which is about 2 pages long.