

## **Editors Comments:**

Changes to be made by the Author(s):

***1. Please take this opportunity to thoroughly proofread the manuscript to ensure that there are no spelling or grammar issues. The JoVE editor will not copy-edit your manuscript and any errors in the submitted revision may be present in the published version.***

We performed these quality checks as indicated by the editor.

***2. Figure 6: There is no panel G as described in its figure legend. Please revise either Figure 6 or its figure legend.***

We corrected the figure legend and removed description of panel G.

***3. Please provide Table 1 as an .xls or .xlsx file.***

We provided the requested table.

***4. Please provide an email address for each author.***

We provided an email address for each author.

***5. Please rephrase the Abstract to more clearly state the goal of the protocol.***

We rephrased the abstract as requested.

***6. Please rephrase the Introduction to include a clear statement of the overall goal of this method.***

We rephrased the introduction to clearly state the goal of the method, as requested.

***7. Please use SI abbreviations for all units: L, mL,  $\mu$ L, h, min, s, etc.***

We used the standard international unit abbreviations as requested.

***8. Please include a space between all numbers and their corresponding units: 15 mL, 37°C, 60 s; etc.***

We corrected this format in the relevant places of the text as requested.

***9. Please adjust the numbering of the Protocol to follow the JoVE Instructions for Authors. For example, 1 should be followed by 1.1 and then 1.1.1 and 1.1.2 if necessary. Please refrain from using bullets, dashes, or indentations.***

We corrected the protocol accordingly.

***10. Lines 134-144, 232-236, 267-270, 288-291: The Protocol should contain only action items that direct the reader to do something. Please either write the text in the imperative tense as if telling***

***someone how to do the technique (e.g., “Do this,” “Ensure that,” etc.), or move the solutions, materials and equipment information to the Materials Table.***

These sections were removed and materials and equipment were included in the appropriate table.

***11. Please specify all surgical instruments used.***

We included information about the surgical instruments.

Information about the type of surgical instruments used has been provided in the materials list.

***12. Lines 293-294: Please specify the amount/volume of antibody and buffer added.***

As requested, we included this information in the relevant sections of the protocol.

***13. Please include single-line spaces between all paragraphs, headings, steps, etc. After that, please highlight 2.75 pages or less of the Protocol (including headings 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.***

We made these changes as indicated.

***14. Please ensure that the highlighted steps form a cohesive narrative with a logical flow from one highlighted step to the next. Please highlight complete sentences (not parts of sentences). Please ensure that the highlighted part of the step includes at least one action that is written in imperative tense. Please do not highlight any steps describing euthanasia.***

We made these changes as indicated.

***15. References: Please do not abbreviate journal titles. Please include volume and issue numbers for all references.***

We made these changes in the citation format as indicated.

***16. Please revise the table of the essential supplies, reagents, and equipment. The table should include the name, company, and catalog number of all relevant materials in separate columns in an xls/xlsx file. Please provide lot numbers and RRIDs of antibodies, if available.***

We revised the table as indicated and provided all the available information. Lot numbers are not available.