

Dear Author(s),

This document is divided into sections in which you can add your comments to the video and voiceover. Please be aware that our policy is to do a single complimentary revision, so it is critical that all participants in this project offer their comments collectively. In addition, please make sure that your comments are easily interpreted and transparent.

Have fun!

Protocol Name: *Functional Assessment of Intestinal Permeability and Neutrophil Transepithelial Migration in Mice using a Standardized Intestinal Loop Model*

Date: 04/05/2021

Authors and Affiliations

Please fill in any missing author information not included in the video.

Order	Author	Affiliation
N/A	N/A	N/A

Video Comments

Please fill in any comments you wish to make using the table below using the example as a guide. If you need more space to write, please do so below the table. **DO NOT ADD CORRECTIONS TO THE NARRATION HERE. PLEASE DO THIS IN THE AUDIO COMMENTS SECTION.**

	Time code	Comment	Requested Change
1.	1:55	<p>Video shows cut of mouse abdominal skin (incision in the middle of the abdomen) and the exposure of the peritoneum already open with organs visible.</p> <p>This unfortunate mistake was indeed due to the stress related to the footage.</p> <p>The peritoneum should be exposed intact, meaning the intra-abdominal organs should NOT be seen.</p>	<p>The film footage was recorded twice. The second mouse was opened the correct way. Please use the second video (second mouse) instead.</p> <p>Video should show:</p> <ul style="list-style-type: none"> - step 1: cutting skin/fur (with an intact peritoneum); -step 2: opening peritoneum (now the organs are visible).
2.	3:05	Video shows gloved hand blocking the view of the measurement of ileum with the ruler.	Video should show – if possible – the complete measurement of 4 cm ileum segment without hand blocking
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Audio Comments

This section is used to specify the changes that need to be made to the narration. Please follow the example below as a guide to list your changes. If there is a pronunciation change, please provide a phonetic pronunciation key or a web link.

	Time code	Comment	Step(s) in Shotlist	Rewritten Text or Corrected Pronunciation (highlight in bold)
1.	3:27	Original script text: "...using a flexible yellow feeding tube attached to a 10 mL syringe."	2.8	Rewritten Script Text: "...using a flexible yellow feeding tube attached to a 10 mL syringe. Make sure to flush luminal contents out of the abdominal cavity while keeping the surgical site clean. Ligate the two cut ends of the flushed ileal loop with silk suture."
2.	4:10	Original script text: "Place the animal in a temperature-regulated anesthesia chamber for the incubation period."	2.11	Rewritten Script Text: " Dry the animal to prevent hypothermia and proceed to place the animal in a temperature-regulated anesthesia chamber for the incubation period."

3.	5:25	<p><i>Original script text:</i></p> <p>"...using a flexible yellow feeding tube attached to a 10 mL syringe." Then ligate the two cut ends of the flushed pcLoop using silk suture</p>	3.4	<p><i>Rewritten Script Text:</i></p> <p>"...using a flexible yellow feeding tube attached to a 10 mL syringe. Make sure to flush luminal contents out of the abdominal cavity while keeping the surgical site clean. Then ligate the two cut ends of the flushed pcLoop using silk suture."</p>
4.	6:10	<p><i>Original script text:</i></p> <p>"Place the animal in a temperature-regulated anesthesia chamber for the incubation period."</p>	3.7	<p><i>Rewritten Script Text:</i></p> <p>"Dry the animal to prevent hypothermia and proceed to place the animal in a temperature-regulated anesthesia chamber for the incubation period."</p>
5.	6:34	<p><i>Original script text:</i></p> <p>"In order to verify the accuracy of the iLoop model for the assessment of intestinal permeability, a FITC-dextran pcLoop assay was performed to evaluate the role of TJ-associated protein JAM-A in the regulation of intestinal barrier function in vivo."</p>	4.1	<p><i>Original script text:</i></p> <p>"In order to verify the accuracy of the iLoop model for the assessment of intestinal permeability, a FITC-dextran pcLoop assay was performed to evaluate the role of Tight-Junction associated protein JAM-A in the regulation of intestinal barrier function in vivo."</p>
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