Microscopy Usability Assignment Feedback

5/27/2014

Assignment Page
 When clicking on the Background information page, it didn't take me automatically to the top of the page. Like with previous problem sets, the section remembers the scrolling from the previous section, and then scrolls to that part in the next section. This was a feature I added several usability tests ago. I can't default to the top of a section and also remember scrolling selectively. Which would you like for all of the Assignments sections? I thought it remembered scrolling per page in the assignment, not for all pages in the assignment? If it can't remember where you were on a particular page then it should default to the top of each page when navigating between pages. Default to top of each section
 On the background information page, can you eliminate one line between Treatments and the first bullet point as well as between Strains and the first bullet point?
 Can you format the a, b, and c as 'a)' 'b)' etc - in bold and left aligned? Can you format them like this?

 Can you remove the "and" after part b in Question 1?

Setup Page
 Can you left align the information in the Add Samples table instead of centering it? This means that the checkboxes will be on the far left side of the Add Samples window and the rest of the columns will be moved over appropriately? The information in all the columns, except the checkbox column, is left-aligned. What exactly did you want changed? It looks like all of the information collectively is centered in the Add Samples window. I think that the checkboxes should be moved over to the left (so it looks like the checkboxes in the setup windows for western blotting, flow, and microscopy) and then everything else should be moved over appropriately to the left as well. This is minor though.
 I like how the checkboxes are on the left but we need to have a little bit more space between the column for better readability. The spacing between all of the columns should be equal to that between the check boxes and the Strains column.

Add Samples				
		Strains	Treatments	Timepoints
	☐	Wild type	Control Virus	3 months
	☐	Wild type	Control Virus	6 months
	☐	Wild type	Control Virus	1 year
	☐	Wild type	Cre Virus	3 months
	☐	Wild type	Cre Virus	6 months
	☐	Wild type	Cre Virus	1 year
	☐	Conditional KO	Control Virus	3 months
	☐	Conditional KO	Control Virus	6 months
	☐	Conditional KO	Control Virus	1 year
	☐	Conditional KO	Cre Virus	3 months
	☐	Conditional KO	Cre Virus	6 months
	☐	Conditional KO	Cre Virus	1 year

SELECT ALL

CANCEL   ADD SAMPLES

Update the Strains names in the setup table once you select your samples in the Add Samples window and click 'Add Samples'. (This is the information regarding the p53 and Rb genes). I don't understand what is not updating. The sample names seem to appropriately update. What is not updating? I should not see p53+/+;Rb+/+ or p53fl/fl;Rbfl/fl. I should also not see Adenovirus-Empty but I should see the treatment name that was in the Add Samples pop up window - which is Control Virus (or Cre Virus, as appropriate). The strain and treatment names in the Add samples pop up window should appear everywhere in the program - without the old references to the names.

	Strain	Treatment	Timepoints	Actions
	Wild Type (p53+/+;Rb+/+)	Adenovirus-Empty	3 m	📄 🗑
	Wild Type (p53+/+;Rb+/+)	Adenovirus-Empty	6 m	📄 🗑
	Wild Type (p53+/+;Rb+/+)	Adenovirus-Empty	1 yr	📄 🗑
	Wild Type (p53+/+;Rb+/+)	Adenovirus-Cre	3 m	📄 🗑
	Wild Type (p53+/+;Rb+/+)	Adenovirus-Cre	6 m	📄 🗑
	Wild Type (p53+/+;Rb+/+)	Adenovirus-Cre	1 yr	📄 🗑
	Conditional KO (p53fl/fl;Rbfl/fl)	Adenovirus-Empty	3 m	📄 🗑
	Conditional KO (p53fl/fl;Rbfl/fl)	Adenovirus-Empty	6 m	📄 🗑
	Conditional KO (p53fl/fl;Rbfl/fl)	Adenovirus-Empty	1 yr	📄 🗑
	Conditional KO (p53fl/fl;Rbfl/fl)	Adenovirus-Cre	3 m	📄 🗑
	Conditional KO (p53fl/fl;Rbfl/fl)	Adenovirus-Cre	6 m	📄 🗑
	Conditional KO (p53fl/fl;Rbfl/fl)	Adenovirus-Cre	1 yr	📄 🗑

ADD SAMPLES

Update the names of the treatments that appear in the Setup table once you select your samples and click 'Add Samples'. See above

Microscopy
Setup Page
Update the strain and treatment names that appear in the microscopy setup table (see above). See above

Select	Samples	Microscopy Analysis ℹ️	Conditions
☐	Wild Type (p53+/+;Rb+/+), Adenovirus-Empty, 1 year	Select Analysis	
☐	Wild Type (p53+/+;Rb+/+), Adenovirus-Cre, 3 months	Select Analysis	
☐	Wild Type (p53+/+;Rb+/+), Adenovirus-Cre, 6 months	Select Analysis	
☐	Wild Type (p53+/+;Rb+/+), Adenovirus-Cre, 1 year	Select Analysis	
☐	Conditional KO (p53fl/fl;Rbfl/fl), Adenovirus-Empty, 3 months	Select Analysis	
☐	Conditional KO (p53fl/fl;Rbfl/fl), Adenovirus-Empty, 6 months	Select Analysis	
☐	Conditional KO (p53fl/fl;Rbfl/fl), Adenovirus-Empty, 1 year	Select Analysis	
☐	Conditional KO (p53fl/fl;Rbfl/fl), Adenovirus-Cre, 3 months	Select Analysis	
☐	Conditional KO (p53fl/fl;Rbfl/fl), Adenovirus-Cre, 6 months	Select Analysis	
☐	Conditional KO (p53fl/fl;Rbfl/fl), Adenovirus-Cre, 1 year	Select Analysis	

SELECT ALL   **CLEAR ALL**

Load/Analysis page

Make sure that the tool tips are updated appropriately with the strain and treatment names This is working. Which tool tips are not working correctly? The tool tips should be updated once the strain and treatment names are fixed - see above.

Can you format the Samples window so that the sample name for a sample that is greater than #10 is indented to the same extent as samples 1-9? **Right now, I cannot do this; this is actually a pretty big fix, and I'll need to create some work arounds... Ok this is minor for the usability test.**

BUG?: This has happened to me twice now and I think it's a bug and not me doing something weird (especially since the samples that aren't showing up are at the very top of the setup window): I carefully go through all of the samples in the setup page and select all of them and select each type of available analysis and conditions. I then get to the Load/Analysis page and only 10 samples are listed - it's missing the wild type strain, infected with Control Virus at 3 and 6 months. Is this happening to you too? No, this is not happening for me. Possibly try clearing your cache? I just figured out what this is. When I go to the microscopy technique page for the first time, it takes me to the bottom of the window. As a result, I miss the top two samples and don't select analyses/conditions for them. Can you take the user to the top of the setup window when they go there the first time?

I am getting an error message frequently about a slow connection to load the image and it sometimes takes a while - a minute or more, which makes me think that my computer is frozen. Is there anything we can do to speed up the connection? I am worried that it will take some time for the images to load during the usability test. **This will take longer to fix, I am working on this currently.**

Can you change the error message to say: 'The image is still loading because of a slow internet connection. Please wait while the image loads.'
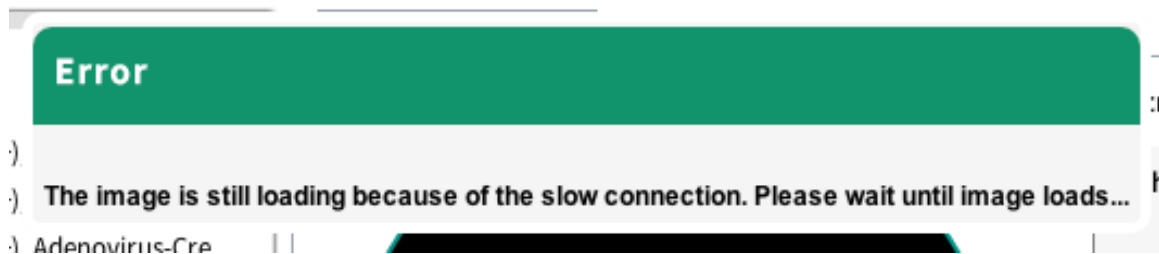
Bug: The IHC images for Ki-67 MUST match the IHC image for the secondary only control. Let me know if this doesn't make sense. I understand what matching means. The system cannot tell which images match, currently, unless I explicitly tell it which images match. Even in the microscopy test problem set, the images never matched. I can build this functionality, but it will be a special case and would significantly change some parts of the logic. Do you still want me to make it for the usability testing?

Instead of labeling the tab 'IF: RGB' can you use the same nomenclature that we did for the second 7.06 assignment? I think we did something like "IF: Nfib (R), DAPI (B), Control (G)" or something like this?

Can you update the "?" icon in the microscope controls to read: Click the appropriate navigation arrows, use the arrows on your keyboard, or click and drag your mouse to move the microscope lens across the image. For more information about the other microscope controls, see the user guide. Learn more >>

- Learn more link - if possible, go to the section in the user guide within Analyze of the microscopy technique that starts with "To view the image, adjust the microscope controls"