

Features to Implement

Last Updated: March 19, 2015

Note: Features can be implemented in any order.

1. Add a pagination when viewing the list of alleles and profiles

Add a pagination similar to this Bootstrap pagination:

<http://getbootstrap.com/components/#pagination>

You should add a pagination in views that list all alleles in the database (when clicking on Manage Alleles it shows a list of alleles for a particular loci) and in the views that list all NGSTAR profiles (when clicking on Manage NSTAR profiles). We would like curators to view alleles/NGSTAR profiles at a fixed number at a time (such as 15 alleles at a time) as opposed to viewing all alleles/profiles at once (which could be in the thousands).

2. Fix clear button to clear the textboxes after a POST

There are some forms with a clear button. The clear button works *before* a POST request is made (before the form is submitted) but in some cases the clear button does not work *after* a POST request is made (after the form is submitted). Fix the clear button so that it works *before* and *after* a form is submitted.

3. Add a field in the metadata field called “MIC determined by:” with the options “E Test” and “A Gar” when adding alleles and/or profiles.

a. You will need to ask Irene and Walter if they want this metadata field to be included in the allele metadata, profile metadata or both.

b. You will also need to ask Irene and Walter if they want the label to specifically be named “MIC determined by” or if they want it to be named something different.

c. For the field “MIC determined by” they want the user to choose from two options which are “E Test” and “A Gar”. You should ask Irene and Walter if they want to select the option via a dropdown or radio button, etc.

d. You will also want to ask how they want “E Test” and “A Gar” to be spelt. They may want a hyphen or no space in between.

e. For this field you will have to enter a new column to the appropriate table in the database.

f. You also need to write the appropriate client side and server side validation.

4. Add a field in the metadata field called “MIC determined by:” with the options “E Test” and “A Gar” when viewing details for alleles and/or profiles.

5. Add a field in the metadata field called “MIC determined by:” with the options “E Test” and “A Gar” when editing alleles and/or profiles.

a. You will have to update the jQuery code that is already existing so that it automatically selects what the current value for “MIC determined by” is when editing an allele and/or profile. For example, if an existing allele/profile has “A Gar” for the option “MIC determined by” and if you are using a dropdown to select this option, then the “A Gar” option should be selected by default in the dropdown when the user is first presented with the form to edit the particular allele/profile.

b. Add the appropriate client side and server side validation.

6. Add a field in the metadata field called “Date of Isolation” or “Collection Date” when adding alleles and/or profiles.

a. You will need to ask Irene and Walter if they want this field to be named “Date of Isolation” or “Collection Date” (or something similar).

b. You will also need to ask Irene and Walter if they want this metadata field in the allele metadata, profile metadata or both.

c. A useful tool that you can use to select dates is the jQuery UI Date Picker:

<http://jqueryui.com/datepicker/>

d. Write the appropriate client side and server side validation.

7. Add a field in the metadata field called “Date of Isolation” or “Collection Date” when viewing details for alleles and/or profiles.

8. Add a field in the metadata field called “Date of Isolation” or “Collection Date” when editing alleles and/or profiles.

a. You will have to update the jQuery code that is already existing so that is automatically populates what the current value is for “Date of Isolation”. For example, if an allele/profile has “January 2 2015” as the “Date of Isolation” then this value should be selected by default when the user is first presented with the form to edit the particular allele/profile.

b. Add the appropriate client side and server side validation.

9. Return a comment/pop up for each allele after an allele type query that shows the curator comments.

a. Verify with Irene and Walter the metadata fields that they want to see in the pop up. If there are some fields that they want to add but is not contained in the pop up, then add those fields in the pop up as well.

b. If you haven't done this already, the pop up for each allele after an allele type query should also contain the contents of the curator comments. For example, when hovering over an allele, it should display the comments that a curator has entered for a particular allele. The comment that a curator enters for an allele may be something like “PorB contains G121K and A122D mutations”, etc.