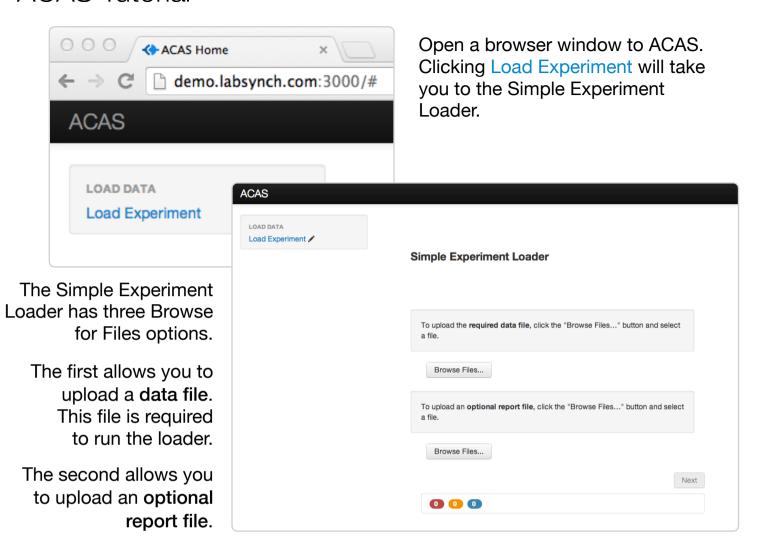
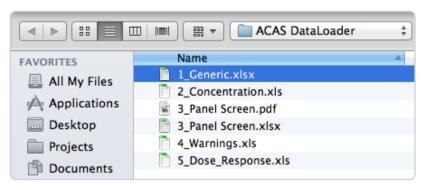
## Simple Experiment Loader

#### Contents:

- Overall Workflow
- Loading a Generic Data File
- Loading a Concentration Data File
- · Adding a Report File
- Adding Images
- Validation Errors
- Editing a Protocol
- · Adding Files to Protocols





Click Browse Files... and select the data file you would like to upload.

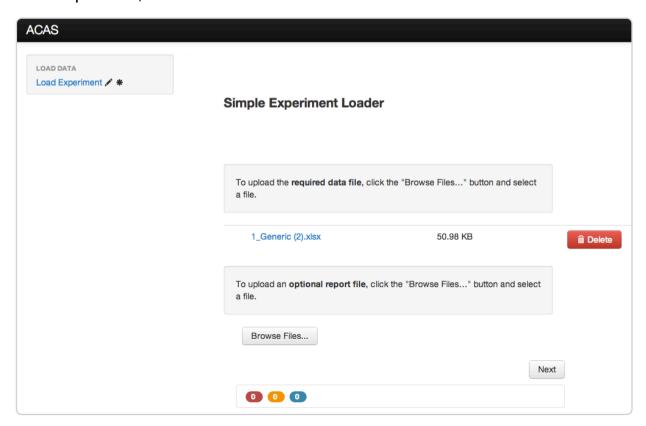
The data file browser accepts these file types: .xls, .xlsx, and .csv.

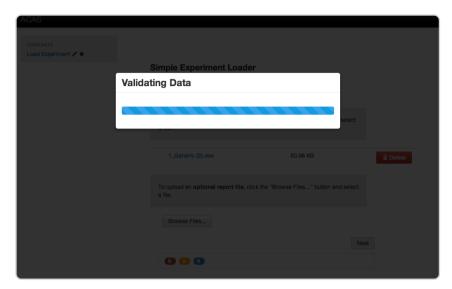
The report file browser accepts almost all file types except .exe.

	Α	В	C	D	E
1	<b>Experiment Meta Data</b>				
2	Format	Generic			
3	Protocol Name	PAMPA Buffer A			
4	Experiment Name	Buffer A Test On5		Do not change green cells	s, they are required by the loader
5	Scientist	jmcneil			
6	Notebook	JAM-000033			
7	Page	6			
8	Assay Date	2014-03-04			
9					
10	Calculated Results				
11	Datatype	Number	Number (hidden)	Text	
12	Corporate Batch ID	solubility (ug/mL)	log solubility (ug/mL)	Assay Comment	
13	CMPD-0000001-01	7.00	0.885446248	Great Value	
14	CMPD-0000002-01	4.00	0.497317153	Weak Value	
15	CMPD-0000003-01	fail	fail		
16	CMPD-0000004-01	3.97	0.598763775		
17	CMPD-0000005-01	>41	>1.61278385671974		
18	CMPD-0000006-01	>44	>1.64345267648619		
19	CMPD-0000007-01	>48	>1.68124123737559		
20					

This is what a generic sample data file looks like (in this case: solubility). The green cells are required by the loader to analyze the data in the file. However, all other fields may be changed. Keep in mind: some fields have format requirements.

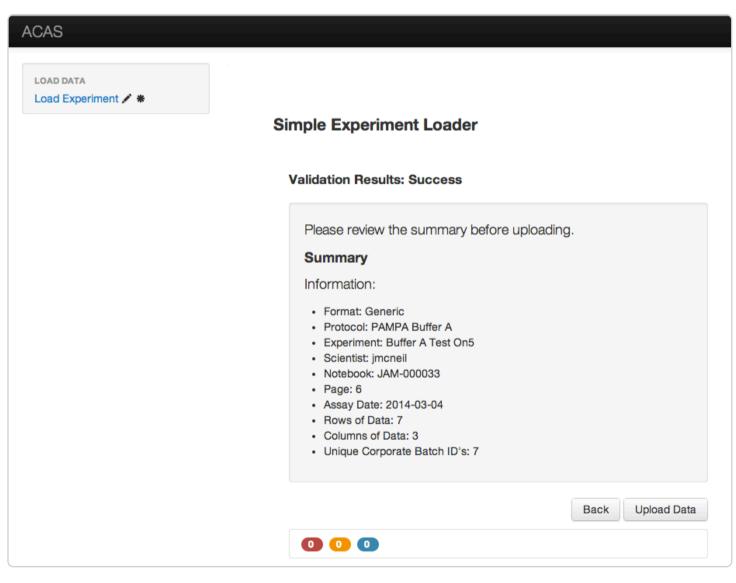
Select the data file. It will appear in the Simple Experiment Loader, with options. If there is no report file, click the Next button.

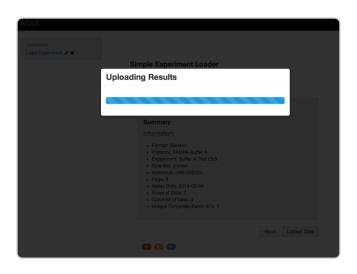




The file is then validated, and the results are displayed. Check the summary to make sure all the information is correct.

If correct, click the Upload Data button.





The results are uploaded, and a summary is displayed.

From there you can open the report in Seurat and email a link to the report. Clicking Open Seurat Report launches Seurat.

Alternatively, you can also load another experiment by clicking Load Another.

#### **ACAS**

LOAD DATA

Load Experiment

#### Simple Experiment Loader

#### Upload Results: Success

Upload completed.

#### Summary

#### Information:

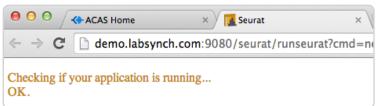
- · Transaction Id: 21
- · Format: Generic
- · Protocol: PAMPA Buffer A
- Experiment: Buffer A Test On5
- · Scientist: imcneil
- Notebook: JAM-000033
- Page: 6
- Assay Date: 2014-03-04
- · Rows of Data: 7
- · Columns of Data: 3
- · Unique Corporate Batch ID's: 7
- Experiment Code Name: EXPT-00000021

Open Seurat Report\*

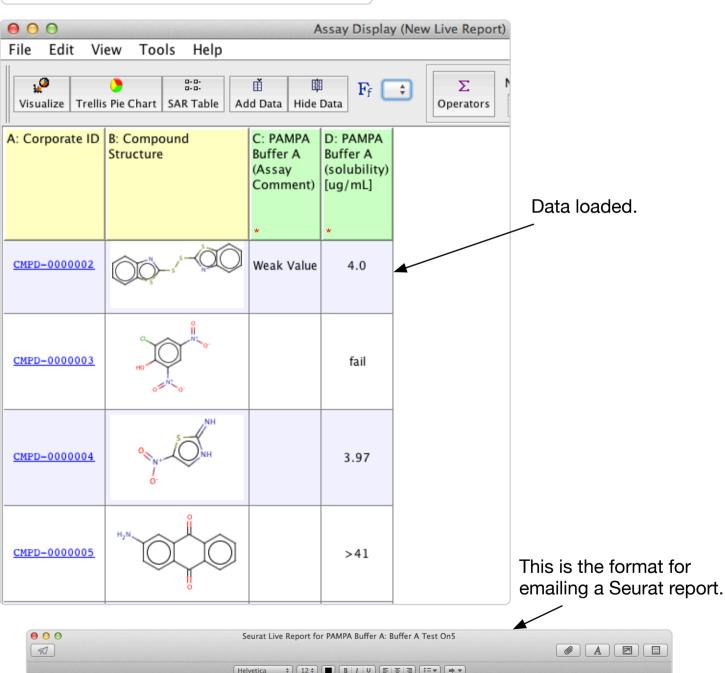
Email Link to Seurat Report

\*Note: there may be a delay before data is visible in Seurat

Load Another



#### Seurat launches...



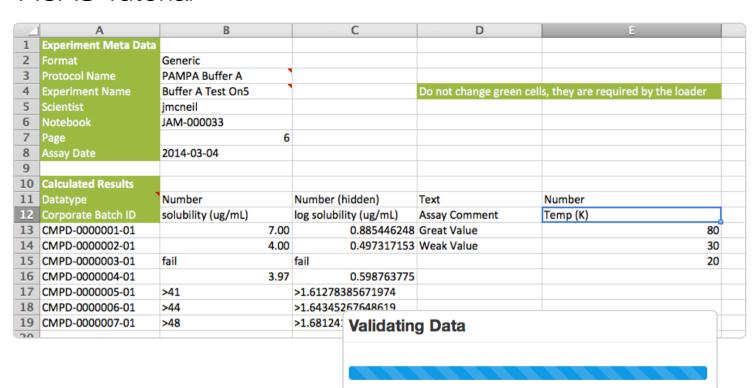
Seurat Live Report for PAMPA Buffer A: Buffer A Test On5

Helvetica \$ 12 \$ B | U E E E E E V P

To:
Cc:
Subject: Seurat Live Report for PAMPA Buffer A: Buffer A Test On5

E V

Click the following link to run Live Report: http://demo.labsynch.com:9080/seurat/runseurat?cmd=newjob&AssayName=PAMPA%20Buffer%20A&AssayProtocol=Buffer%20A%20Test%20On5



#### Validation Results: Success but with warnings

Please review the warnings and summary before uploading.

#### Warnings: 1

Warnings provide information on issues found in the upload file. You can proceed with warnings; however, it is recommended that, if possible, you make the changes suggested by the warnings and upload a new version of the file by using the 'Back' button at the bottom of this screen.

 Experiment 'Buffer A Test On5' already exists, so the loader will delete its current data and replace it with your new upload. If you do not intend to delete and reload data, enter a new experiment name.

#### Summary

#### Information:

- · Format: Generic
- · Protocol: PAMPA Buffer A
- · Experiment: Buffer A Test On5
- · Scientist: imcneil
- Notebook: JAM-000033
- Page: 6
- Assay Date: 2014-03-04
- · Rows of Data: 7
- · Columns of Data: 4
- · Unique Corporate Batch ID's: 7

It is possible to upload a different data set for the same experiment. Just alter the file and reupload.

The loader will give you a warning stating that the experiment already exists. It will replace the existing data with the new data.

In this example, the user added an additional data column (temperature) to the file. This will be displayed when the user opens the Seurat report.

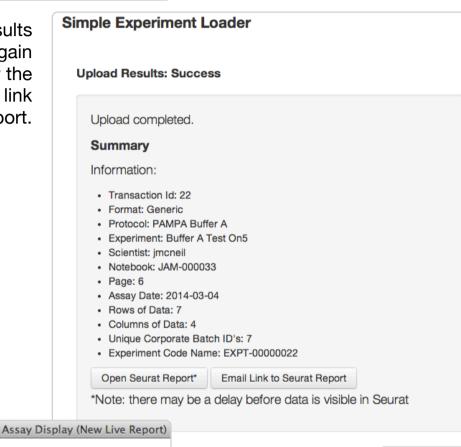
Back

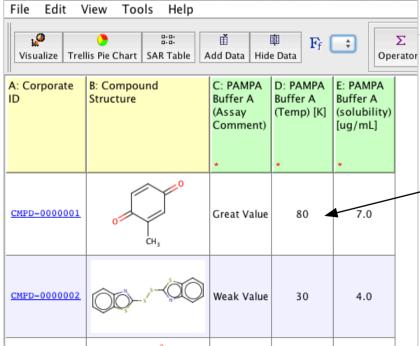
Upload Data

0 0

# Uploading Results

Once uploaded, the results summary is shown, and again there are options to view the report in Seurat or email a link to the report.





New temperature data.

Load Another

	Α	В	C	D	E	
1	<b>Experiment Meta Data</b>					
2	Format	Generic				
3	Protocol Name	CYP 3A4 Inhibition				
4	Experiment Name	Test Experiment On2		Do not change green cell	s, they are required by the	loader
5	Scientist	jmcneil				
6	Notebook	JM-576				
7	Page	12				
8	Assay Date	2014-02-28				
9						
10	Calculated Results					
11	Datatype	Number	Number	Number		
12	Corporate Batch ID	Inhibition (%) [10 uM]	Inhibition (%) [30 uM]	Inhibition (%) [100 uM]		
13	CMPD-0000051-01	10	45	80		
14	CMPD-0000052-01	40	70	retest		
15						

Simple Experiment Loader

To upload th

In the first example, a solubility data file was used. Other data types may also be uploaded, like inhibition at different concentrations.

The steps to upload are the same.

Help

C: CYP 3A4

(Inhibition) at

10

40

45

70

80

retest @100.0uM

Inhibition

10.0uM [%]

O- O-

File

, o

A: Corporate

CMPD-0000051

CMPD-0000052

Edit

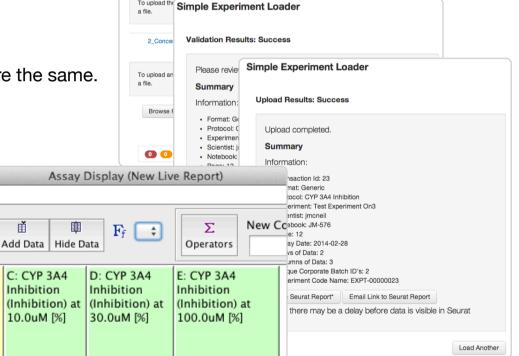
View

Visualize | Trellis Pie Chart | SAR Table

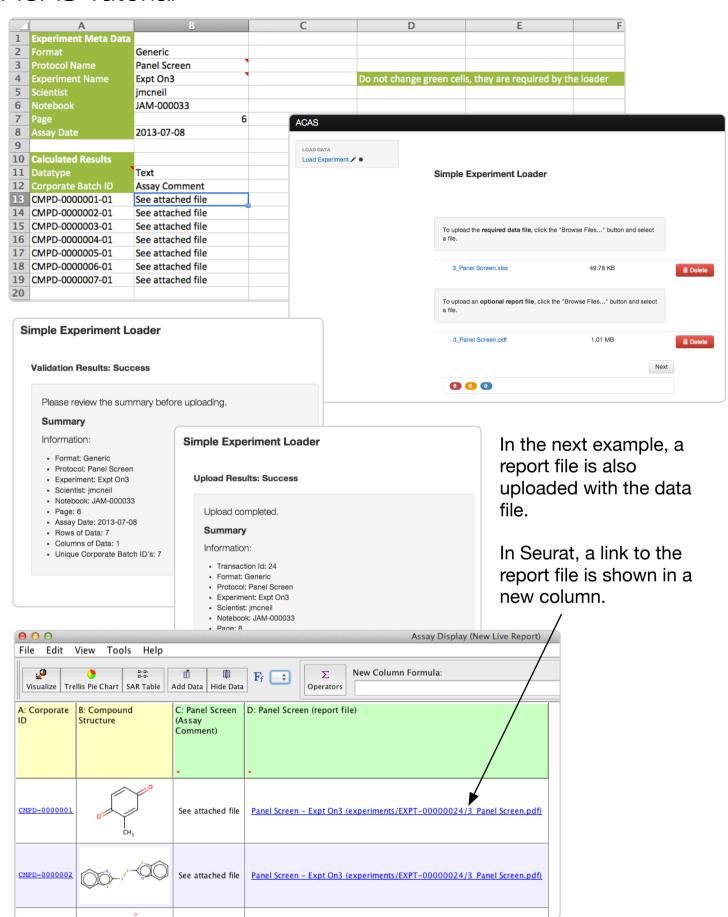
Structure

B: Compound

Tools



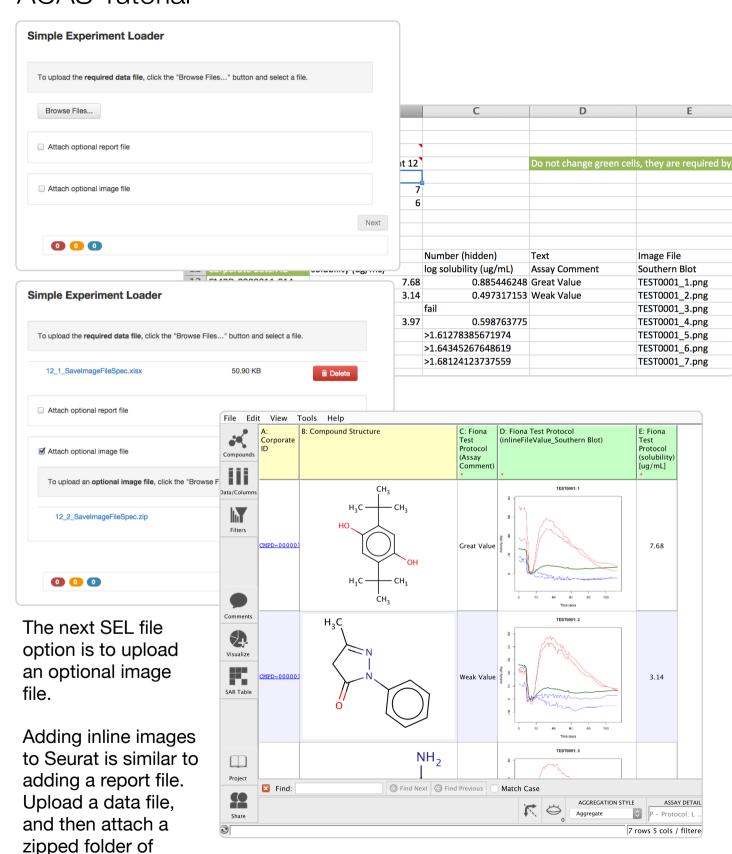
The concentration data is shown, in this case, in multiple columns.



images in the

"Attach optional

image file" browser.



The image file names must be listed in the data file, and must also match what is in the compressed folder.

	A	В	С	D	E	
1	<b>Experiment Meta Data</b>					
2	Format	Generic				
3	Protocol Name	PAMPA Buffer Other				
4	Experiment Name	Buffer other test On1		Do not change green cell	s, they are required by the	loader
5	Scientist	jmcneil				
6	Notebook	JHN-123				
7	Page	6				
8	Assay Date	02-21-2014				
9	Extra Header row	not useful				
10						
11	Calculated Results					
12	Datatype	Number	Numbr	Text	Text	
13	Corporate Batch ID	solubility (ug/mL)	log solubility other (ug/mL)	Assay Comment	Assay Comment	
14	CMPD-0000001-101	7.68	0.885446248	Great Value	Mare	
15	CMPD-0000002-01	3.14	0.497317153	Weak Value	Even More	
16	CMPD-0000003-01	10.45	1.01912627			
17	CMPD-0000004-01	3.97	0.598763775			
18	CMPD-0000005-01	>41	>1.61278385671974			
19	CMPD-0000006-01	>44	>1.64345267648619			
20	CMPD-0000007-01	>48	>1.68124123737559			
21						

If there is an error in the data file, the loader will fail to validate the file and report the errors. The errors can then be fixed and the file re-uploaded.

#### Validation Results: Failed due to errors

Please fix the following errors and use the 'Back' button at the bottom of this screen to upload a new version of the file.

#### Errors: 2

- These column headings are duplicated: Assay Comment. All column headings must be unique.
- Corporate Batch Id 'CMPD-0000001-101' has not been registered in the system. Contact your system administrator for help.

#### Warnings: 5

Warnings provide information on issues found in the upload file. You can proceed with warnings; however, it is recommended that, if possible, you make the changes suggested by the warnings and upload a new version of the file by using the 'Back' button at the bottom of this screen.

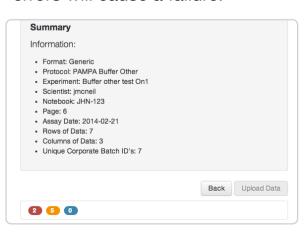
- A date is not in the proper format. Found: "02-21-2014" This was interpreted as "2014-02-21". Please enter dates in the following format: "2014-03-05", or click here
- The loader found an extra Experiment Meta Data row that will be ignored: 'Extra Header row'. Please remove this row.
- In column "log solubility other (ug/mL)", the loader found 'Numbr' as a datatype and interpreted it as 'Number'. Please enter 'Number', 'Text', or 'Date'.
- The following column headers have never been loaded in an experiment before: 'log solubility other'. If you have loaded a similar experiment before, please use the same headers that were used previously. If this is a new protocol, you can proceed without worry.
- Protocol 'PAMPA Buffer Other' does not exist, so it will be created. No user action is needed if you intend to create a new protocol.

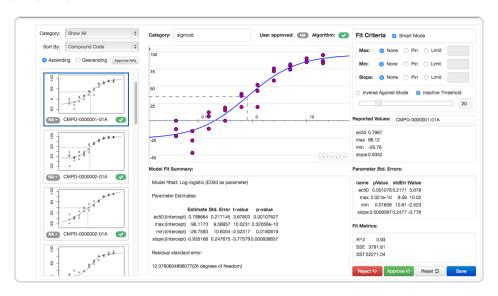
#### Summary

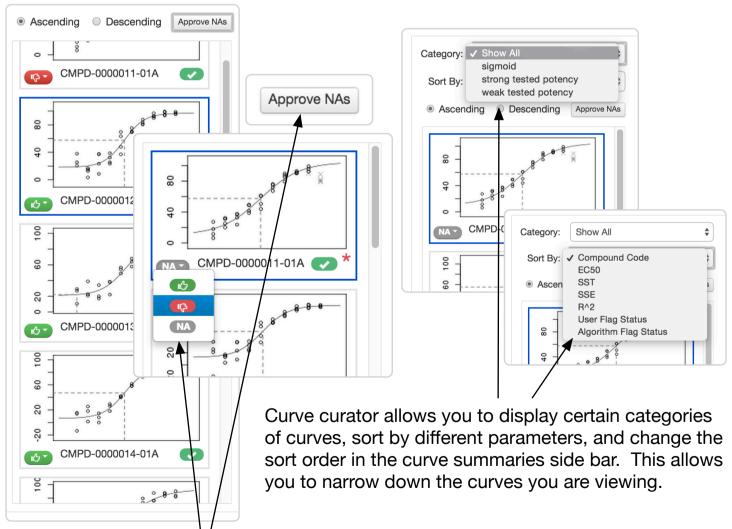
In this example, the Assay Comment headers are duplicated. This is one of the errors listed.

The date format is also incorrect, the loader has detected and ignored an extra header row, etc. If it can, the loader will correct these issues.

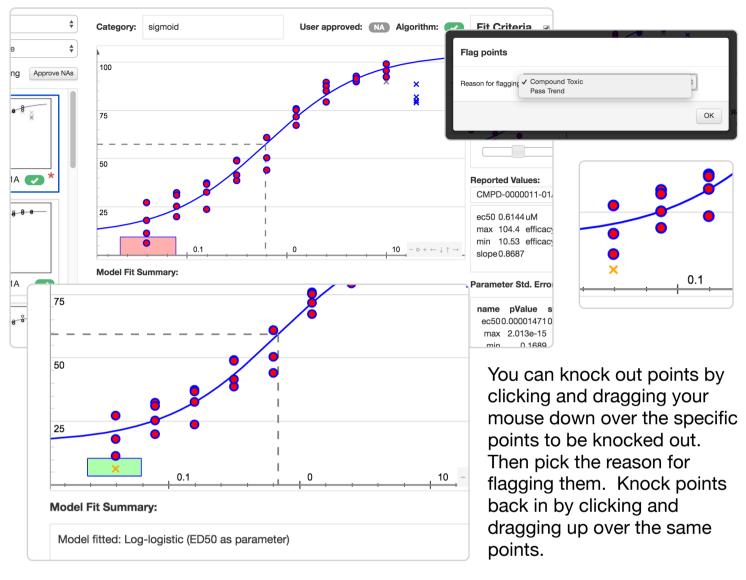
The loader will try to allow you to continue uploading if there are only warnings, but true errors will cause a failure.







From here you can also quick approve and reject curves, and approve all NA curves.



You can reset a curve to it's last save point by clicking the reset button. This will get rid of any changes made since the curve was first loaded or saved last.



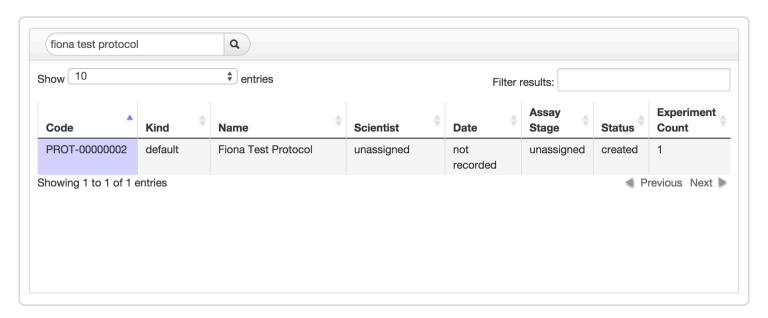


You can also reject or approve a curve from the detailed view. Click Save once you are satisfied with your changes.



#### Editing a Protocol

## **ACAS Tutorial**



To edit a protocol, go to Protocol Browser and use the search bar to find the protocol. You can search using a number of criteria, like protocol name and protocol code. You can also search for something in the description or details of a protocol.

Once you have found your protocol, click on it. It will open a preview below the search results. From there you can delete it, edit it, duplicate it, or create an experiment from it. Clicking Edit will open the edit view of the protocol in a new tab.



## ACAS Tutorial Adding Files to Protocols

