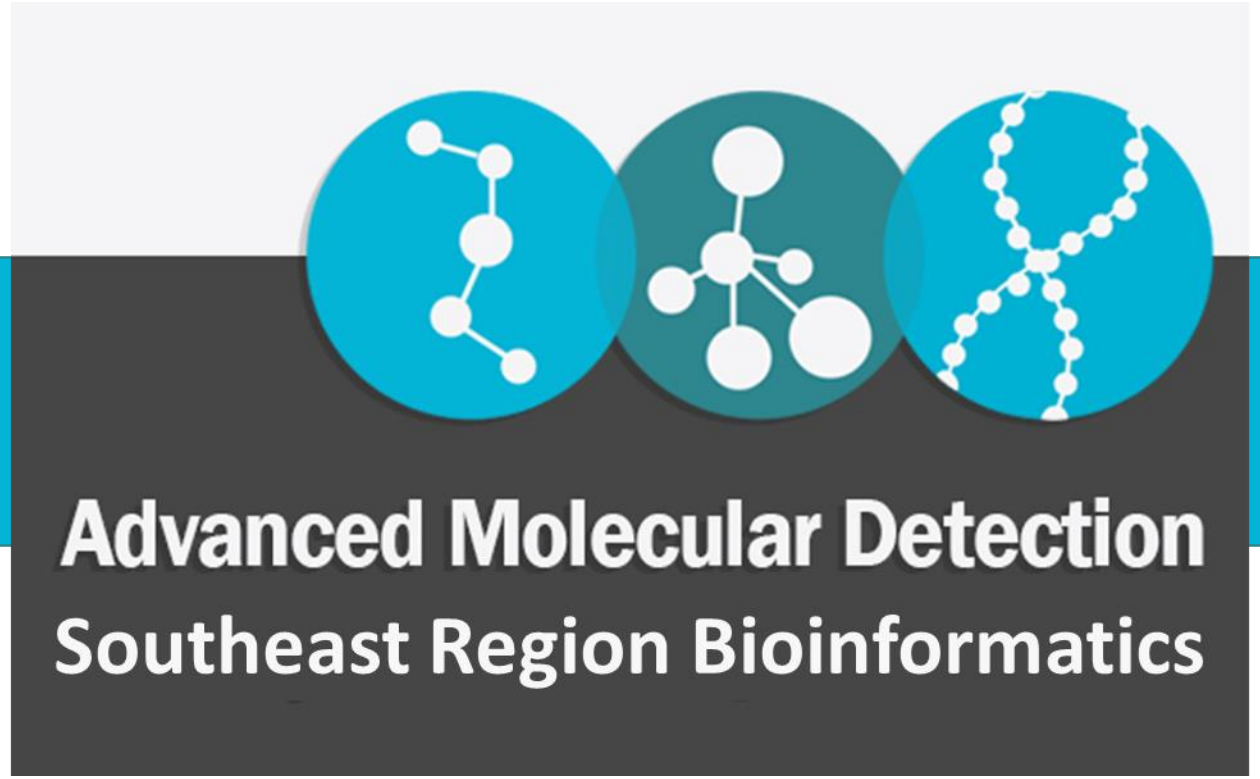

Galaxy Data Library Permissions

April 17, 2020

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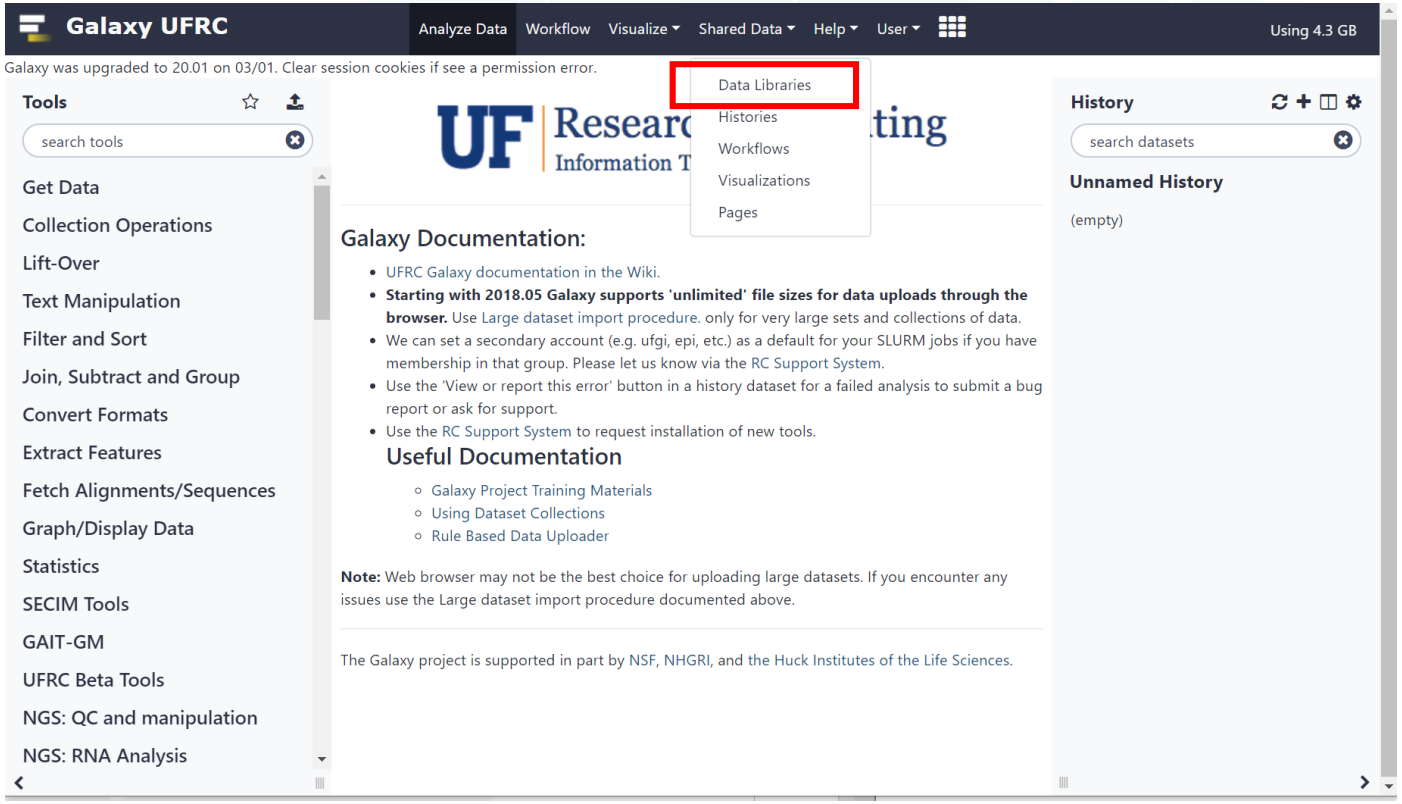
Galaxy Data Libraries

- Shared space to share data with users from your state group
  - Each user doesn't need to upload the same data if you are working on the same datasets.
    - One user can add the data and then it is in Galaxy for all to use!
  - You also can share results and output files with your group using libraries.
- Each state has one admin to manage your data library
- Permissions can be set to add new users
  - Allow users to access data in the data library
  - Allow users to add data to the data library

How to access your state's Galaxy data library

- Log in to Galaxy
- Click on "Shared Data" in the top center of your screen
- Click on "Data Libraries"



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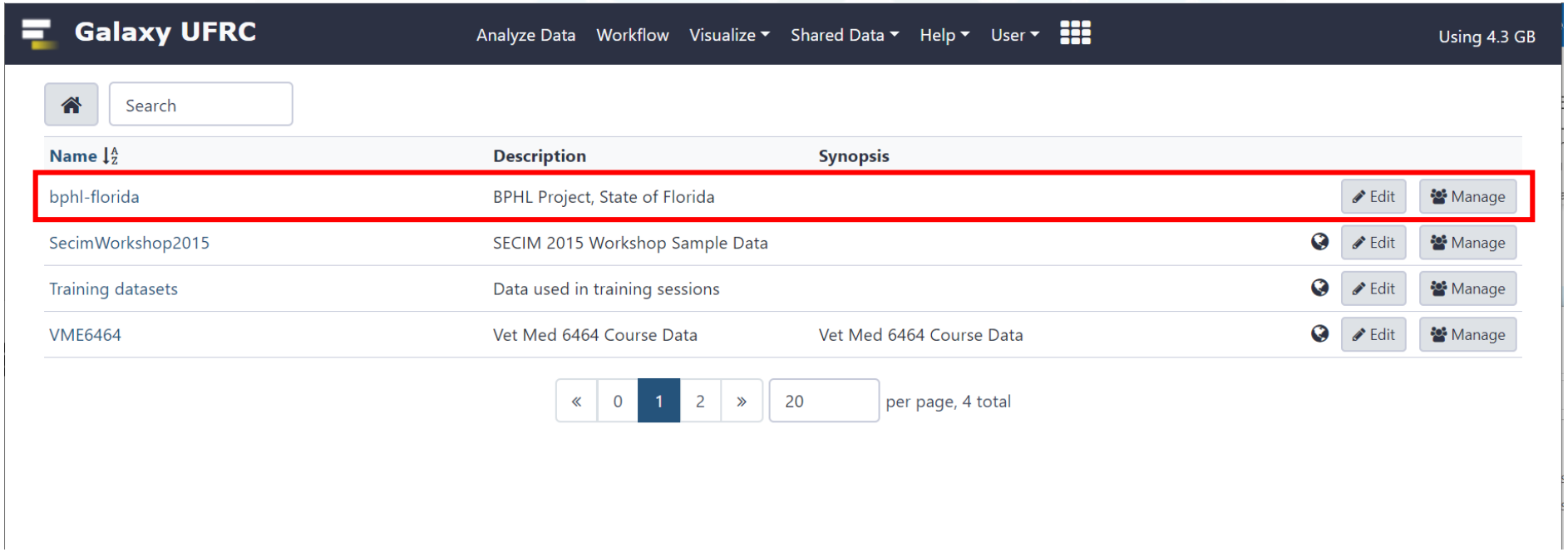
How to access your state's Galaxy data library

- You will see your state's private data library in the list
  - This library is private to users within your state group



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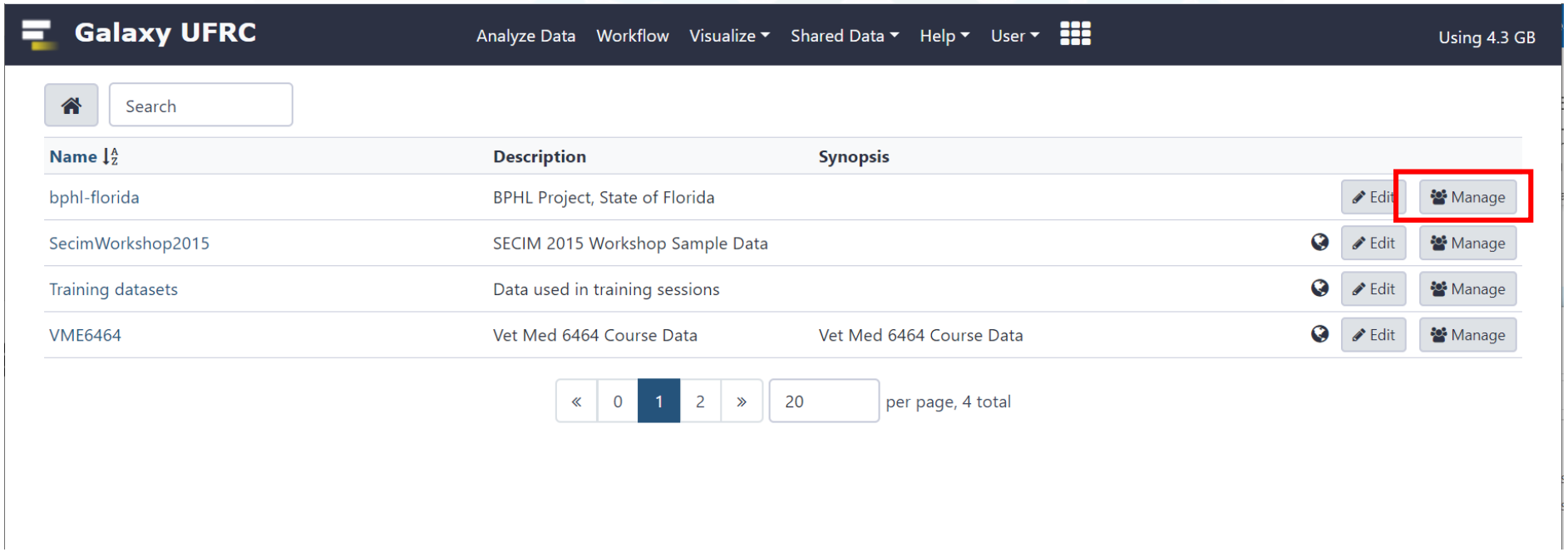
How to allow other users in your state to access the data library

- Click on “Manage”.



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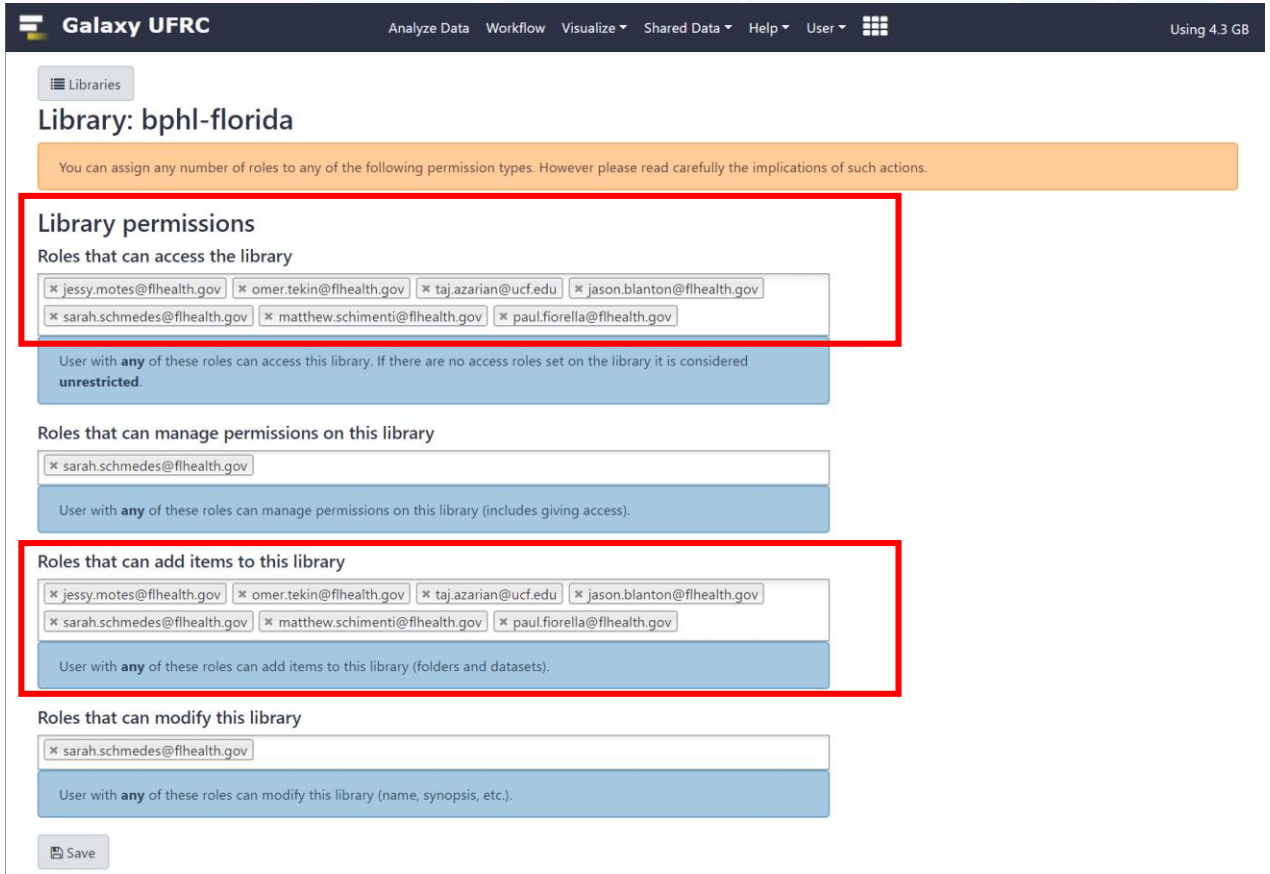
How to allow other users in your state to access the data library

- You will see your email address in each permission field since you are the admin for your group.
- Add your user email addresses to the “access” and “add items” permission fields.
  - You may already see a few email addresses for your users added. Galaxy Admins started this process for you, but you need to add any additional users that may not be added.
- Click “Save”.



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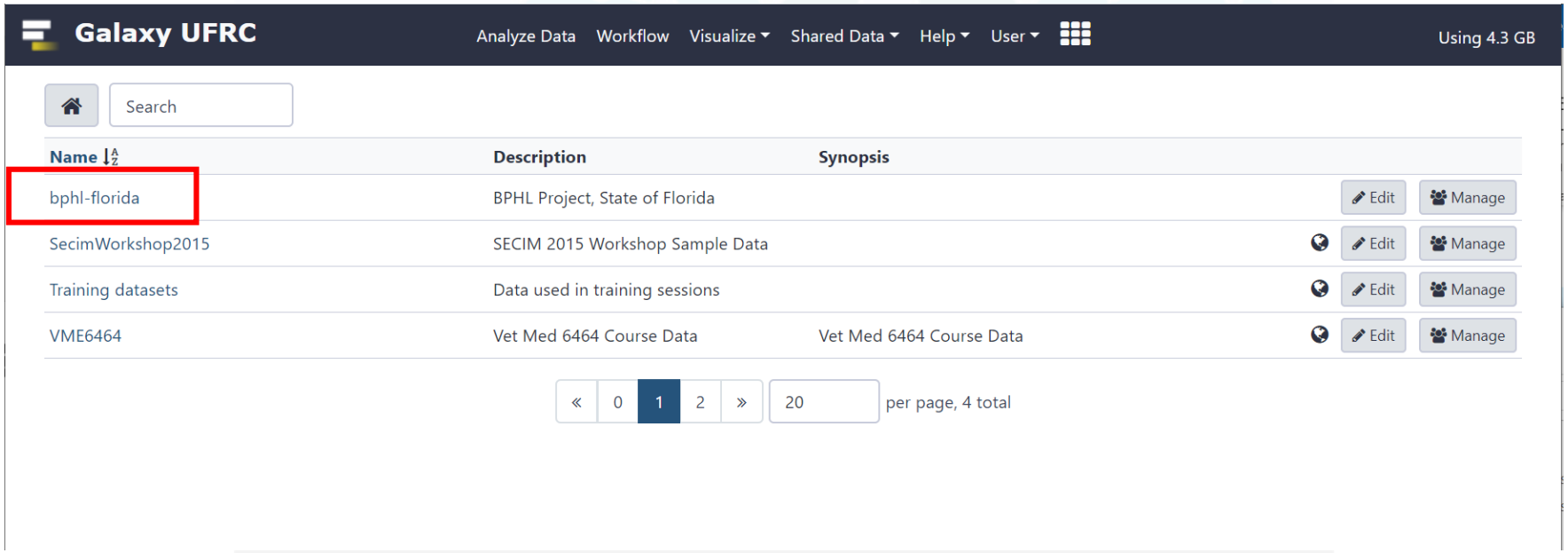
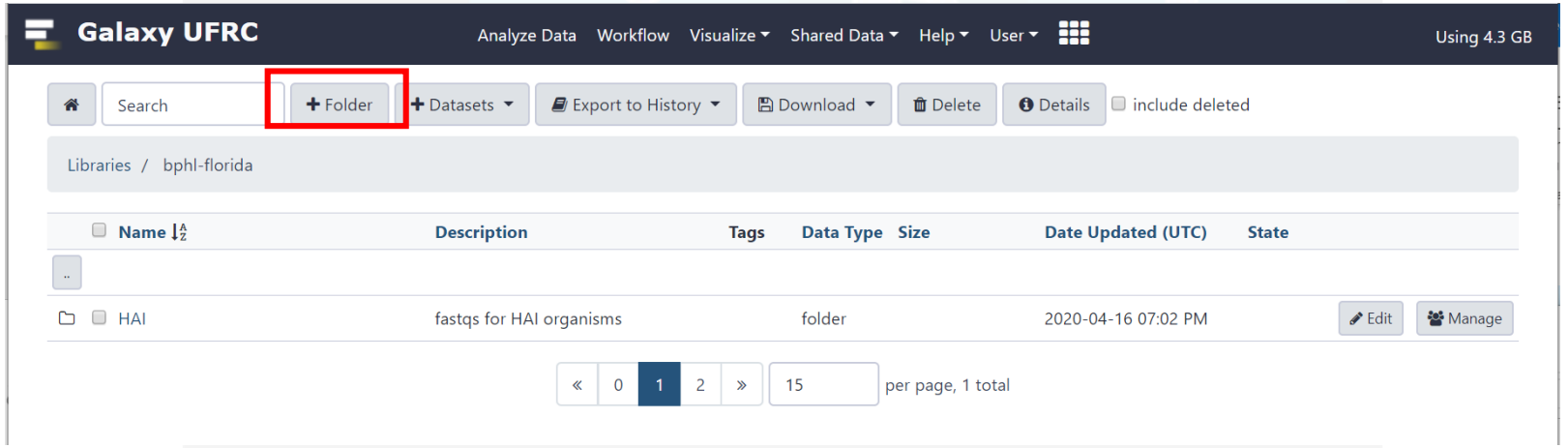
How to add data to your data library

- Go into your data library by clicking on the name.



How to add data to your data library

- You can add folders to organize your data or output files.
  - You do not need to manage the permissions for each folder. The permissions for your data library apply to all folders and data within the library.



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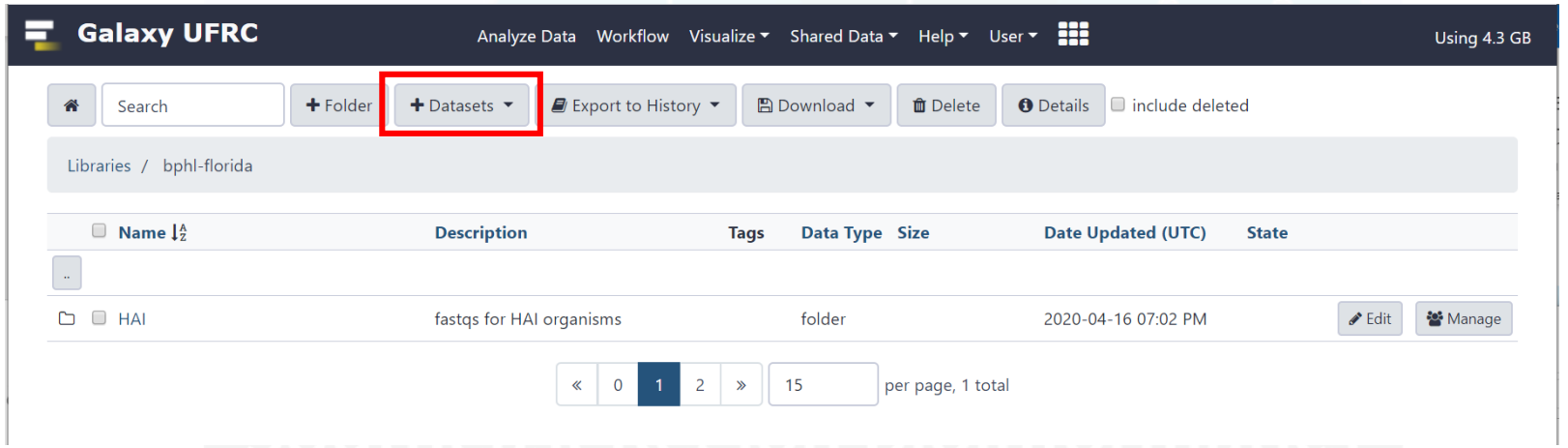
How to add data to your data library

- To import or add data files to the data library, click “+ Datasets”.



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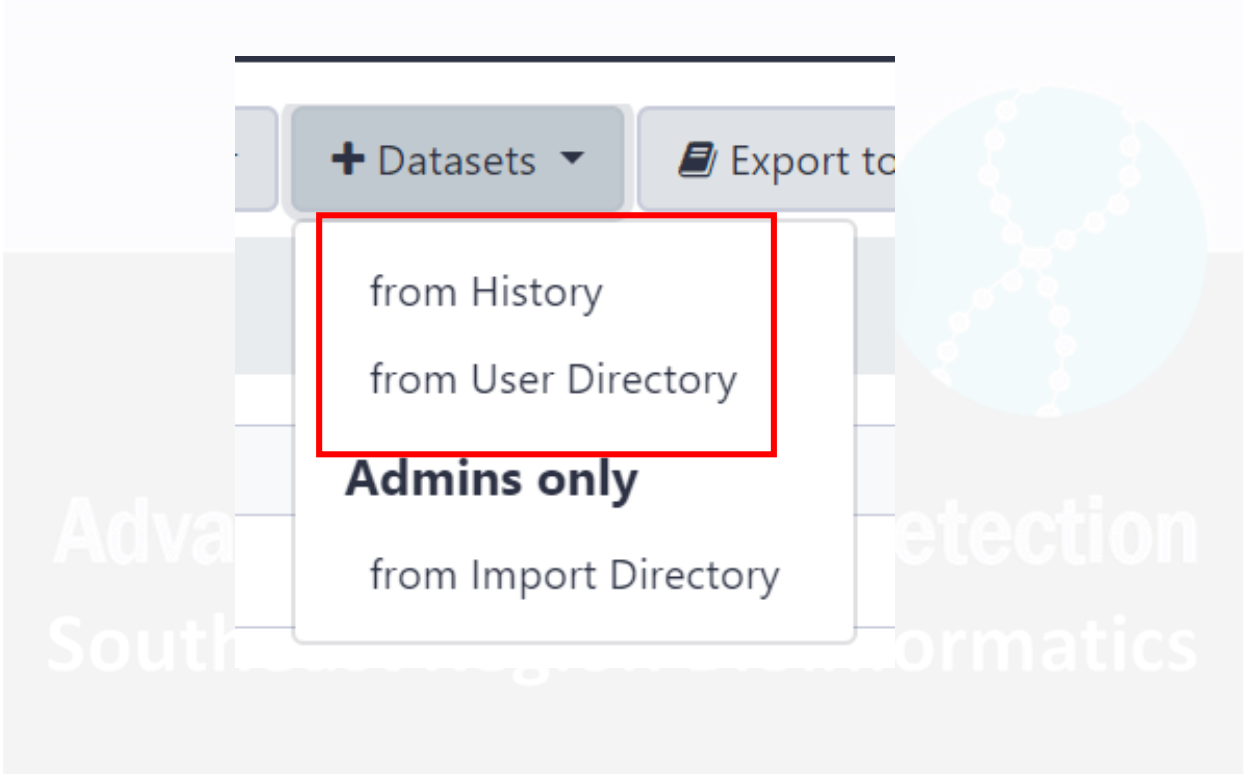
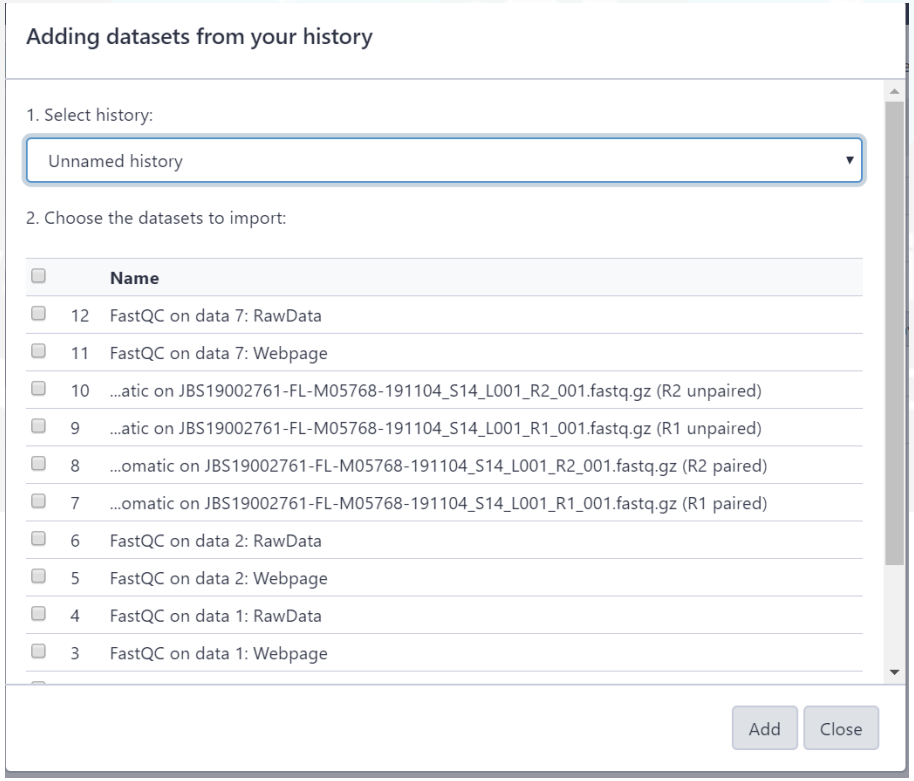
How to add data to your data library

- Select “from History” or “from User Directory.”



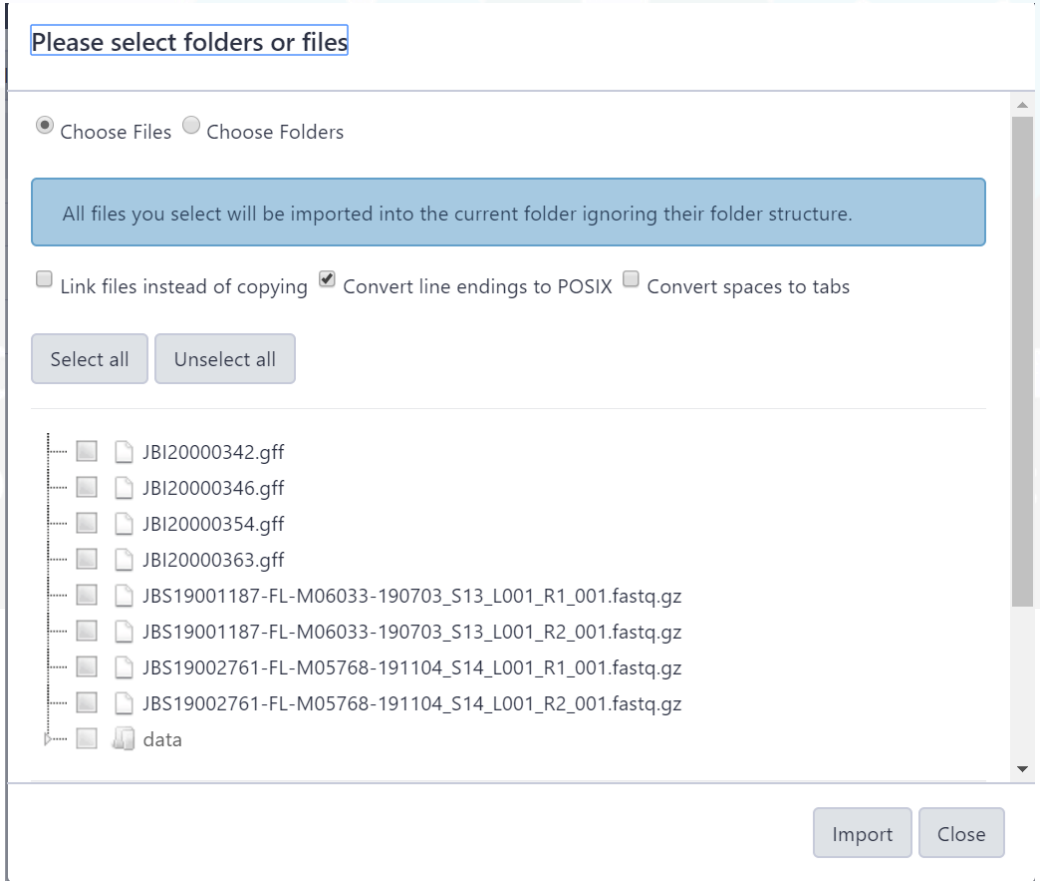
How to add data to your data library

- From History:
  - You can add data files from an existing History in Galaxy (i.e., data you have already imported into Galaxy or outputs from analyses within Galaxy).
  - Select the history that contains the file you want to add to your library in the drop down menu.
  - Then check the boxes to the left of the files you want to add.



How to add data to your data library

- From User Directory:
  - You can add data files from your user Galaxy data upload folder on HiPerGator (see previous hand-out, “Instructions to Upload Data into Galaxy via HiPerGator Server” to add data to this folder).
  - Select the files you want to add to your library.



Warning: There is currently a bug with the “User Directory” option right now. Galaxy admin staff is currently working to address this. In the meantime, only use the “from History” option. However, you can still use your Galaxy user upload directory on HiPerGator to upload data into a History (just not directly into a Data Library). I will let you know when this is fixed.

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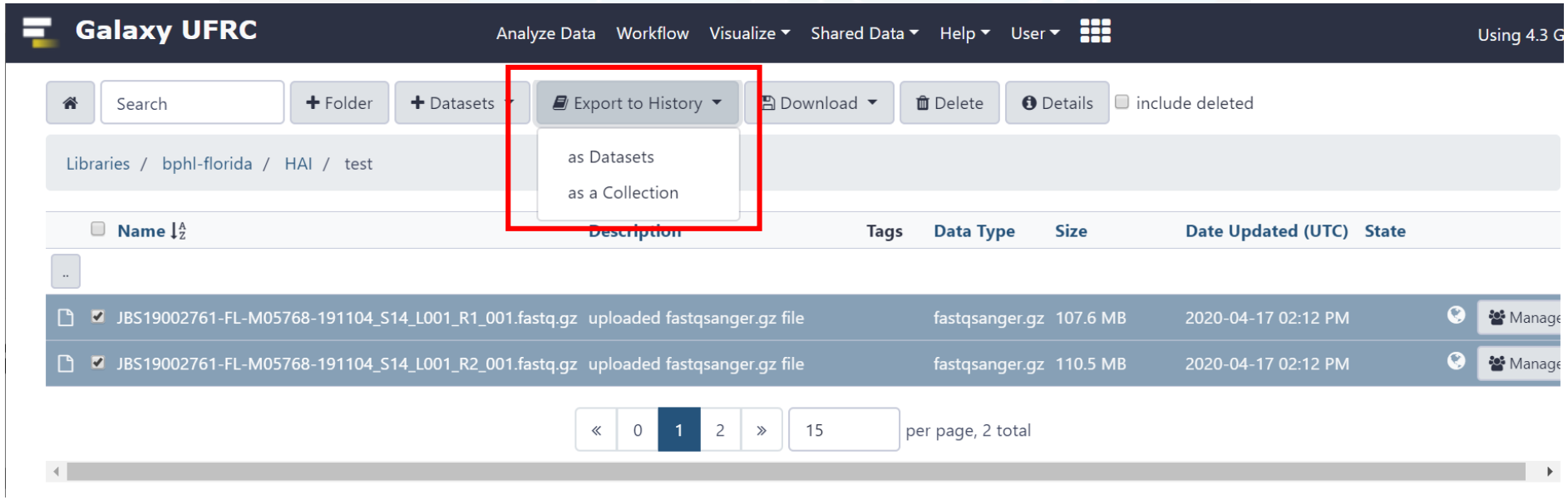
How to use data stored your data library

- Once data is stored in your data library, you and other users from your state can use this data for any number of analyses by transferring a copy of the data into a History.
- Select the files you want to export to a History.
- Then click on “Export to History”. Select “as Datasets” or “as a Collection”.



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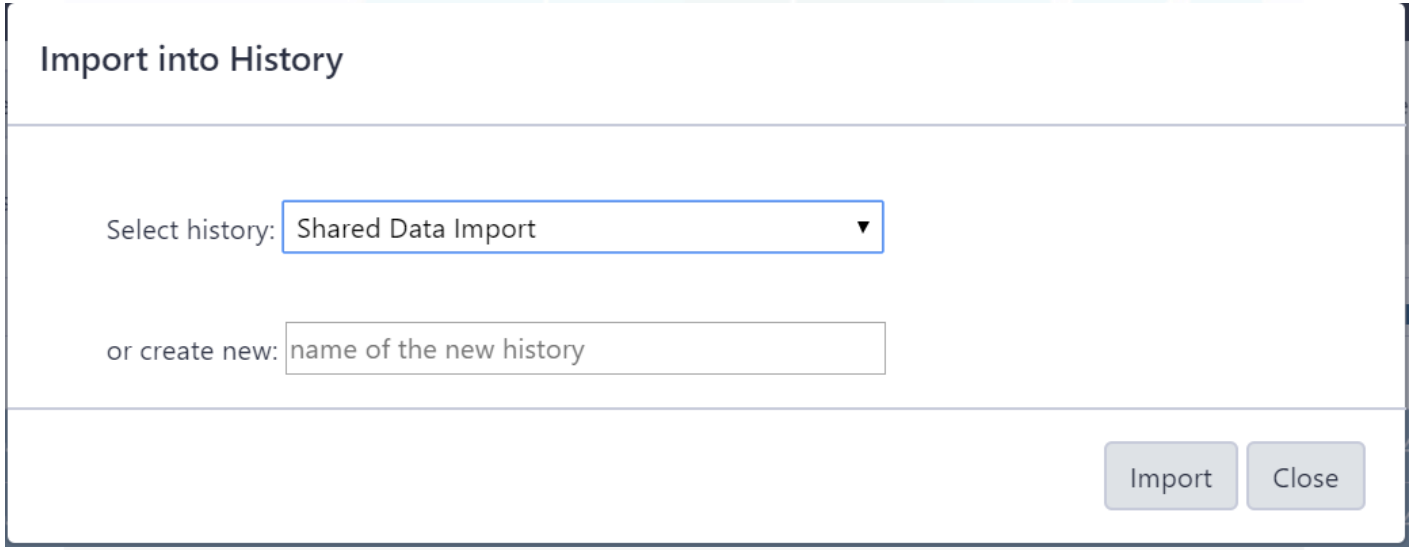
How to use data stored your data library

- Either select an existing History you want to add your data to, or create a new History.
- Then click “Import”.



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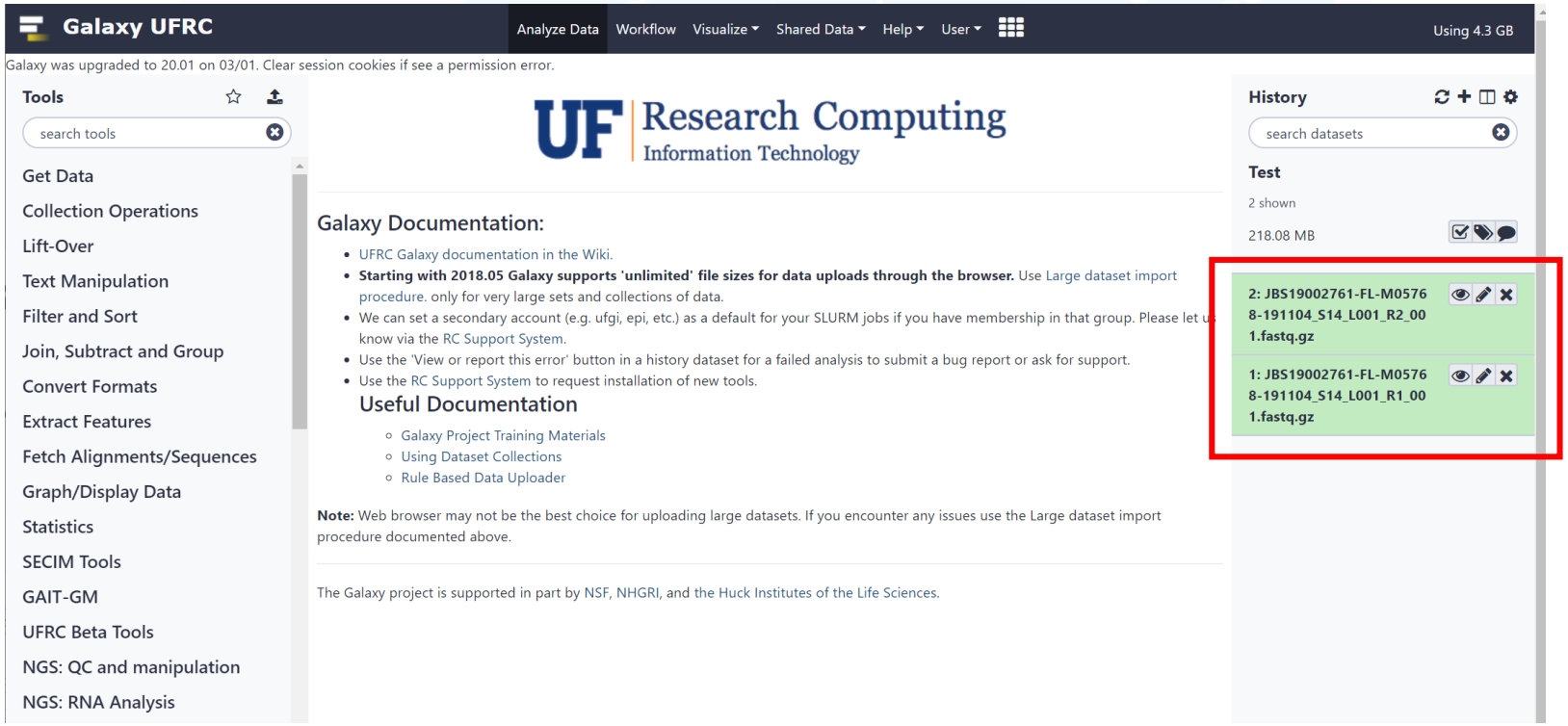
How to use data stored your data library

- Once your data is added to a History, go back to your main screen by clicking “Analyze Data” at the top center of your screen.
- You will now see your data in your History you selected or created.



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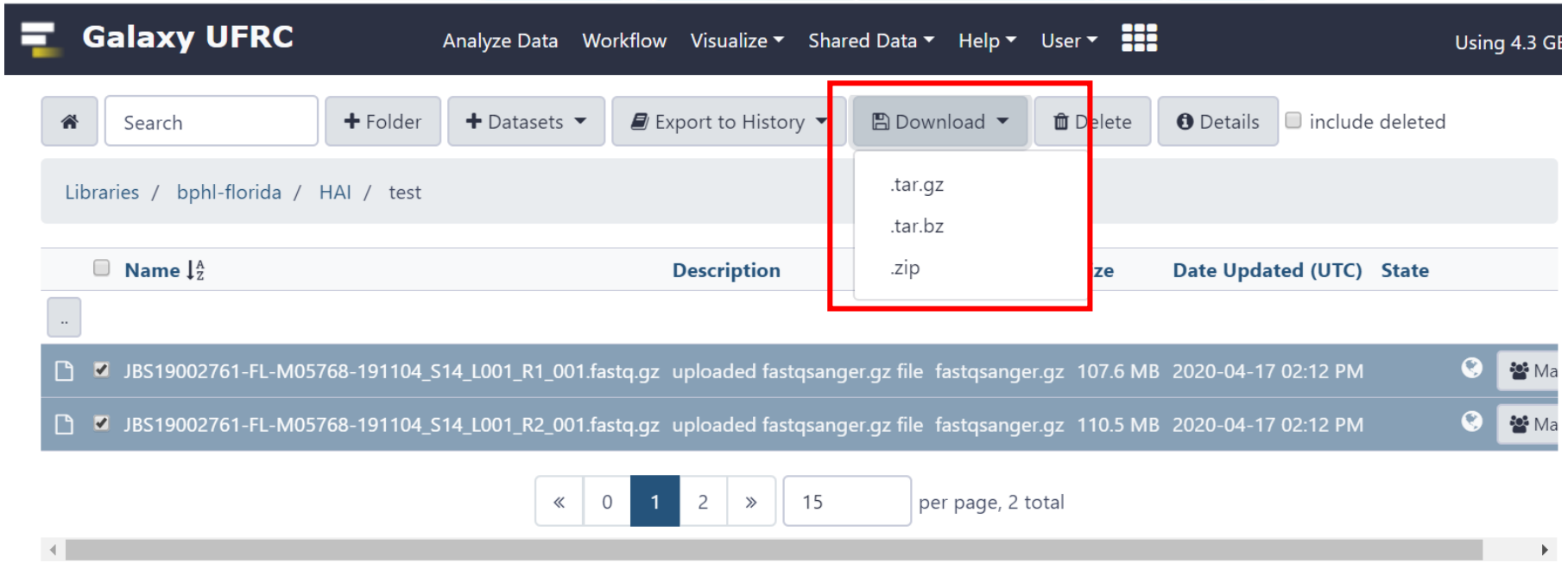
How to download files from your data library to your local computer

- You can also download data and output files from your data library to your local computer.
- Select the files you want to download.
- Click “Download”, and select the type of file compression for your download.



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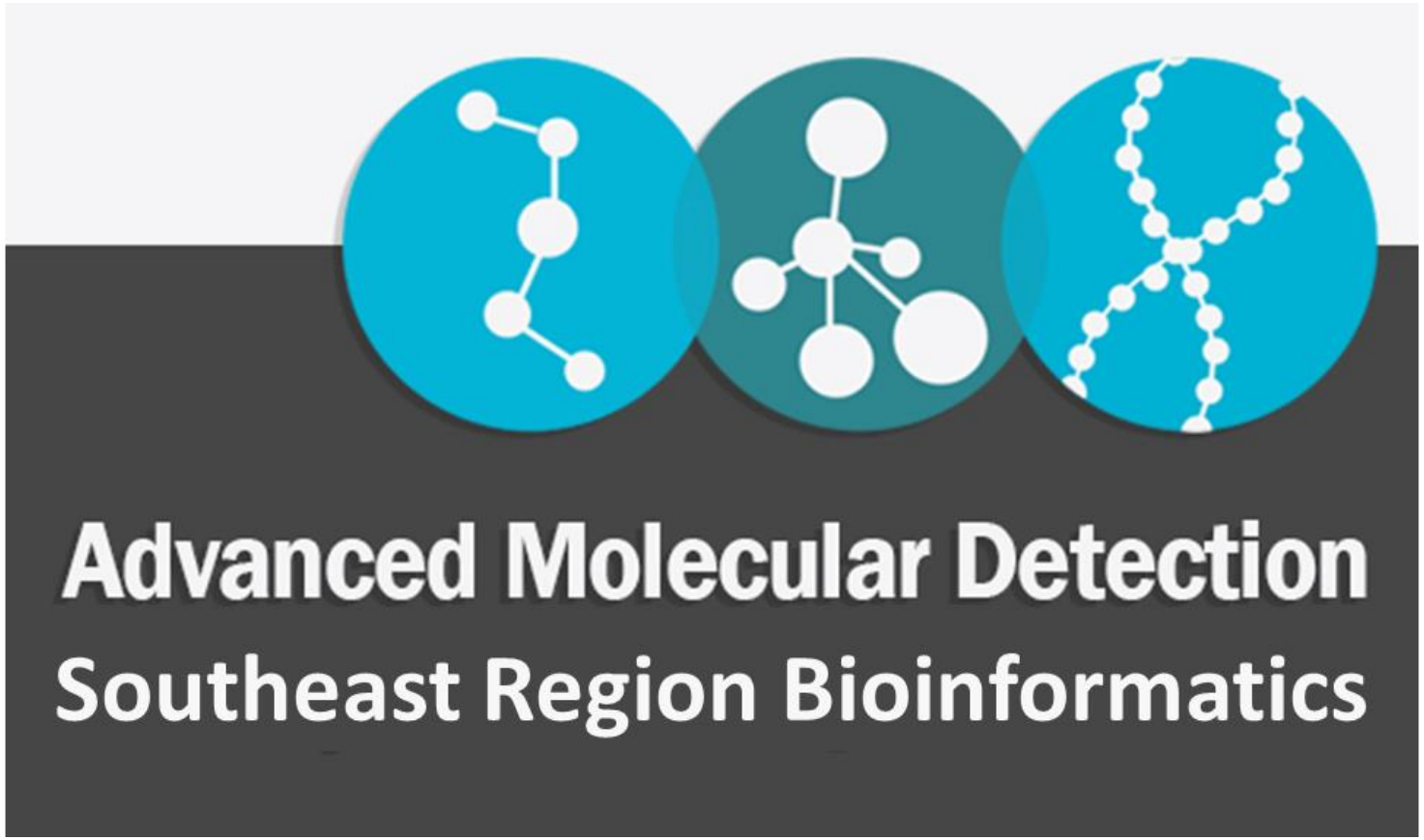

Questions???

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