

Explanations and links to reference materials

- Front created .js Vue, backend created with Django
- Python3.X delivers with dockerfile (tar file) containing the latest, CentOS and mariaDB
- The production is delivered as a tar file of docker file
- Link to the data you are
https://drive.google.com/drive/folders/11D3QT5YvDBMifEf7rO09TiW8wBXf_KC3?usp=sharing
- Sample data holder link destination for trial
https://drive.google.com/drive/folders/19aGK_ZvqEmU1Q-woW8GqY7nLYBiOhVWB?usp=sharing
- Helpful site cytobank <https://www.cytobank.org/>
- Library Flowkit <https://github.com/whitews/FlowKit>
-

Flowcytometry Analysis Application

File | C:/Users/daisu/OneDrive/FlowCal/index.html

FlowCal

File | Create Figure | Sample Tags | Advanced Analysis | Gating | Scale | Comps | Sharing

manager

Experiments | Projects

Action

View Summary | Clone | Split Files Population | Link to parent

Import/Export

Import | Export | Reset | Delete

+ New Experiment

Choose file | Browse

All

Mine

Shared with me

FlowCal curated

Public

Trash

*Experiment Name

Project

None

*Primary Researcher

Yuko Nakane

*Principal Investigator

Yuko Nakane

[Invite a new user](#)

Allow Principal Investigator to have full access to experiment ☒

Source(s)

Nothing selected

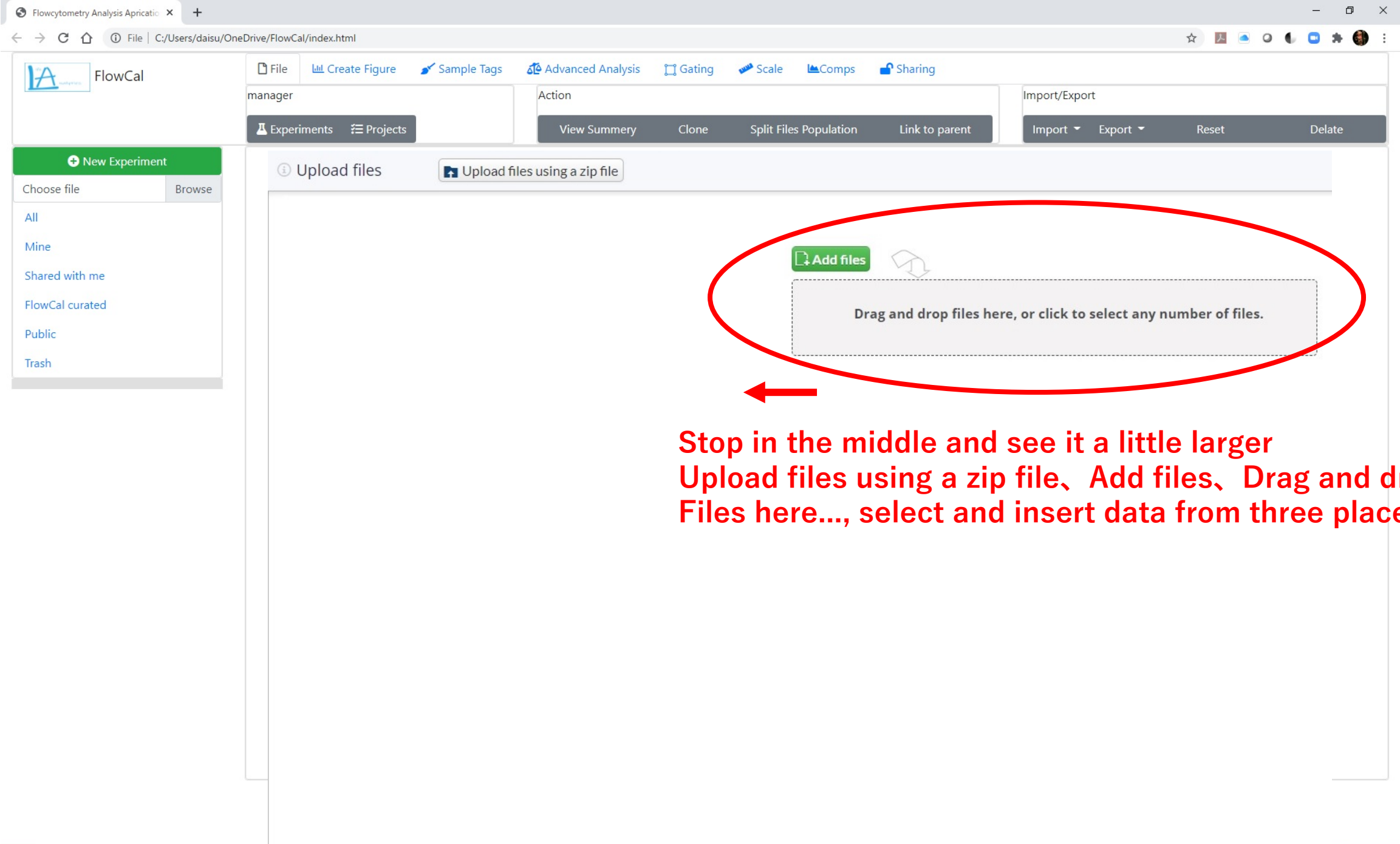
*Purpose

Comments

Create Experiment

Cancel

When this button is pressed, it becomes the screen of the next page.



Stop in the middle and see it a little larger
Upload files using a zip file, Add files, Drag and drop
Files here..., select and insert data from three places

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Upload files

Upload files using a zip file

Add More

Name	Size	Type	
CD_ACTIVE_18_PB.fcs	12.8 MB	FCS	ⓧ
CD_ACTIVE_16_PB.fcs	12.9 MB	FCS	ⓧ
CD_ACTIVE_6_PB.fcs	2 MB	FCS	ⓧ
CD_ACTIVE_29_PB.fcs	19.7 MB	FCS	ⓧ
CD_ACTIVE_11_LP.fcs	3.3 MB	FCS	ⓧ
CD_ACTIVE_22_PB.fcs	3.8 MB	FCS	ⓧ
CD_ACTIVE_8_PB.fcs	4.1 MB	FCS	ⓧ
CD_ACTIVE_32_PB.fcs	42.9 MB	FCS	ⓧ
CD_ACTIVE_30_PB.fcs	783 KB	FCS	ⓧ
CD_ACTIVE_4_PB.fcs	9.1 MB	FCS	ⓧ
CD_ACTIVE_39_PB.fcs	95 MB	FCS	ⓧ
206.27 MB		11 files	

You can still drag and drop files

Upload files

After selecting from local, you can see the data you want to upload
Data is loaded in fcs format. Use libraries from Flowkit on Github
Link to <https://github.com/whitews/FlowKit>
Use django because it's a python library

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Processing uploaded files

Status: Assigning FCS Files to Staining Panels

View bar graphs in progress for data uploads

Name	Size	Type
CD_ACTIVE_18_PB.fcs	12.8 MB	FCS
CD_ACTIVE_16_PB.fcs	12.9 MB	FCS
CD_ACTIVE_6_PB.fcs	2 MB	FCS
CD_ACTIVE_29_PB.fcs	19.7 MB	FCS
CD_ACTIVE_11_LP.fcs	3.3 MB	FCS
CD_ACTIVE_22_PB.fcs	3.8 MB	FCS
CD_ACTIVE_8_PB.fcs	4.1 MB	FCS
CD_ACTIVE_32_PB.fcs	42.9 MB	FCS
CD_ACTIVE_30_PB.fcs	783 KB	FCS
CD_ACTIVE_4_PB.fcs	9.1 MB	FCS
CD_ACTIVE_39_PB.fcs	95 MB	FCS
206.27 MB		11 files

個別のファイルのアップロードの状況の表示、緑色でバーグラフが背景で表示される

名前	サイズ	型
CD_ACTIVE_18_PB.fcs	12.8 MB	Fcs
CD_ACTIVE_16_PB.fcs	12.9 MB	Fcs
CD_ACTIVE_6_PB.fcs	2 MB	Fcs
CD_ACTIVE_11_LP.fcs	3.3 MB	Fcs
CD_ACTIVE_8_PB.fcs	4.1 MB	Fcs
CD_ACTIVE_4_PB.fcs	9.1 MB	Fcs
44.06 MB		6 ファイル

Image being uploaded (it is in Japanese, but english display is OK)

FlowCal

New Experiment

Choose file

Browse

All

Mine

Shared with me

FlowCal curated

Public

Trash

File

Create Figure

Sample Tags

Advanced Analysis

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Reset

Delete

Set up new experiment

Configure upload landing page

Your Trial plan will expire on December 21st, 2020 (29 days from now). Please [click here](#) for subscription settings.

Success! You uploaded 19 files to this experiment. Here are the next steps:

1. Adjust your scales ?

2. Set the experiment compensation ?

3. Annotate your files with sample tags ?

4. Review or adjust your panel assignments or channel names ?

5. Done with setup and ready to start exploring your experiment data ?

Description

Edit

Name: test

Project: None

Labels: None

PR: micheal mint

PI: micheal mint

Uploader: micheal mint

Created: 05:34 PM

Updated: 06:05 PM

Notes

Purpose: test

Comments: None

Illustrations

New

This experiment does not contain any illustrations yet.

Create an illustration

Attachments

This experiment does not contain any non-FCS files.

ここに入力して検索

Post-upload confirmation screen
Part 1
Because it does not fit on the screen
Splitting

Post-upload confirmation screen
Part 2
Because it does not fit on the screen
Splitting

FlowCal

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Comments: None

Illustrations

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This experiment does not contain any illustrations yet.

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Attachments

This experiment does not contain any non-FCS files.

Upload an attachment

Protocols

Upload a file

Enter a URL

Type in text

Upload protocol

Description

Edit

Name: test

Project: None

Labels: None

PR: micheal mint

PI: micheal mint

Uploader: micheal mint

Created: 05:34 PM

Updated: 06:05 PM

FCS files — 19

File Name	Sample Name	Sample Tags	Panel	Events	Size
CD_ACTIVE_11_LP.fcs		Plate 1	Panel 1	15,834	3.27 MB
CD_ACTIVE_16_PB.fcs		Plate 1	Panel 2	62,473	12.9 MB
CD_ACTIVE_18_PB.fcs		Plate 1	Panel 3	61,924	12.8 MB
CD_ACTIVE_22_PB.fcs		Plate 1	Panel 1	18,474	3.81 MB
CD_ACTIVE_29_PB.fcs		Plate 1	Panel 1	95,667	19.7 MB
CD_ACTIVE_30_PB.fcs		Plate 1	Panel 4	3,694	783 KB

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CD_ACTIVE_30_PB.fcs		Plate 1	Panel 4	3,694	783 KB
CD_ACTIVE_32_PB.fcs		Plate 1	Panel 3	208,315	42.9 MB
CD_ACTIVE_39_PB.fcs		Plate 1	Panel 4	461,207	95 MB
CD_ACTIVE_4_PB.fcs		Plate 1	Panel 5	44,321	9.13 MB
CD_ACTIVE_6_PB.fcs		Plate 1	Panel 1	9,489	1.96 MB
CD_ACTIVE_8_PB.fcs		Plate 1	Panel 1	19,761	4.07 MB
CD_ACTIVE_11_LP-(1).fcs		Plate 1	Panel 1	15,834	3.27 MB
CD_ACTIVE_16_PB-(1).fcs		Plate 1	Panel 2	62,473	12.9 MB
CD_ACTIVE_18_PB-(1).fcs		Plate 1	Panel 3	61,924	12.8 MB
CD_ACTIVE_22_PB-(1).fcs		Plate 1	Panel 1	18,474	3.81 MB
CD_ACTIVE_29_PB-(1).fcs		Plate 1	Panel 1	95,667	19.7 MB
CD_ACTIVE_4_PB-(1).fcs		Plate 1	Panel 5	44,321	9.13 MB
CD_ACTIVE_6_PB-(1).fcs		Plate 1	Panel 1	9,489	1.96 MB
CD_ACTIVE_8_PB-(1).fcs		Plate 1	Panel 1	19,761	4.07 MB
Total:				1,329,102	274 MB

Post-upload confirmation screen
Part 3
Because it does not fit on the screen
Splitting