Jun 23, 2024

Installing FIJI and SynBot (Windows Version)

In 1 collection

DOI
dx.doi.org/10.17504/protocols.io.kqdg32qbpv25/v1

Justin T Savage[1]

[1]Duke University

ASAP Collaborative Rese… Eroglu_Lab

Justin T Savage
Duke University

OPEN ACCESS

DOI: dx.doi.org/10.17504/protocols.io.kqdg32qbpv25/v1

Protocol Citation: Justin T Savage 2024. Installing FIJI and SynBot (Windows Version). **protocols.io** https://dx.doi.org/10.17504/protocols.io.kqdg32qbpv25/v1

Protocol status: Working

Created: June 12, 2024

Last Modified: June 23, 2024

Protocol Integer ID: 101692

Abstract

Video instructions for installing FIJI and SynBot and a simple SynBot run for Windows operating system.

1

https://www.youtube.com/embed/VZqD8DS_VfA?si=eJQ3iLecxYiwR4vR

1.1 If video quality is poor, try watching directly from Youtube at https://youtu.be/VZqD8DS_VfA?si=DFcoeyiLyKIuYUUX

Install FIJI

2 0:00 - 0:40 Install FIJI from https://fiji.sc .

Install SynBot

3 0:40 - 1:37 Download code from the SynBot GitHub repository https://github.com/Eroglu-Lab/Syn_Bot .

4 1:37 - 2:09 Move SynBot java plugins (JAR files) to the FIJI plugins folder. The **ilastik4ij_Syn_Bot-1.8.2-SNAPSHOT.jar** and **SynQuantExtra-1.2.9.jar** files are required for running SynBot.

Run SynBot

5 2:09 - 2:22 Launch FIJI and open SynBot by dragging the SynBot.ijm file into FIJI.

6 2:22 - 2:49 Prepare your image folder. Create a folder for your experiment with subfolders for experimental groups. Each experimental group folder should contain only image files. Multiple experimental groups are not required, but your files must follow the Experiment/Group/Image structure.

7 2:49 - 3:41 Run SynBot (see the **SynBot manual thresholding** protocol for more information).

8 3:41 - 4:12 View results in Summary.csv file.