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## Installing FIJI and SynBot (Mac Version)

DOI

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**Protocol status:** Working

**We use this protocol and it's working**

**Created:** June 10, 2024

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**Protocol Integer ID:** 101527

### Abstract

Video instructions for installing FIJI and the software needed for SynBot on MacOS.

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## Install FIJI

- 2 0:00-0:30 Download FIJI from <https://fiji.sc> .
- 3 0:30-1:11 Give Mac permission to open FIJI since it is from an outside developer.

## Install SynBot

- 4 1:11-1:56 Download code from the SynBot GitHub repository [https://github.com/Eroglu-Lab/Syn\\_Bot](https://github.com/Eroglu-Lab/Syn_Bot) .
- 5 **1:56-2:39 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



- 6 2:39-3:00 Launch FIJI and open SynBot by dragging the SynBot.ijm file into FIJI.
- 7 3:00-3:11 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.
- 8 3:11-4:53 Run SynBot (see the **SynBot manual thresholding** protocol for more information).
- 9 4:53-5:04 View results in Summary.csv file.