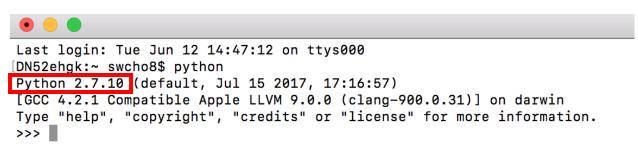
CRISPRpic Manual for Beginners (Mac OS)

Written by Seung Woo Cho

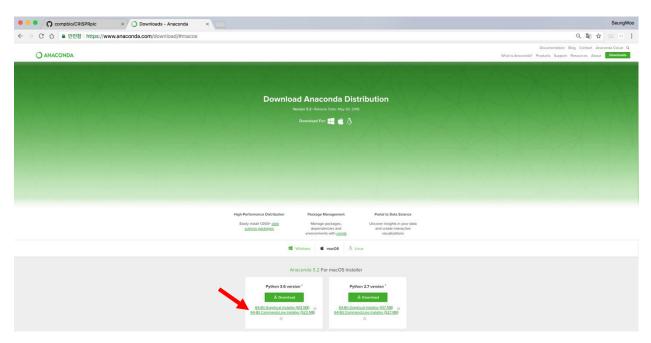
In order to run CRISPRpic, you will need the Anaconda Python. It is like a PCR-master mix, the regular Python is like a polymerase. Don't worry. It is not harmful to your computer.

- 1. Run Terminal App in MacOS
- 2. Type "Python" to check the Anaconda was installed.
- 3. ctrl+z to exit from Python.



This Python 2.7.10 is provided by MacOS. You will install the Anaconda.

- 1. https://www.anaconda.com/download/#macos
- 2. Click Python 3.6 version 64-bit command line installer



- 3. Open Terminal App.
- 4. Move to Downloads folder
- 5. Type "Bash Anaconda3-5.2.0-MacOSX-x86_64.sh
- 6. Follow the instruction from Anaconda
- 7. After install, you must close and re-open the Terminal App prior to use the Anaconda.

See this page for details.

https://docs.anaconda.com/anaconda/install/mac-os#macos-graphical-install

```
Last login: Wed Jun 13 09:49:26 on ttys000
[DN52ehgk:~ swcho8$ cd Downloads/
[DN52ehgk:Downloads swcho8$ bash Anaconda3-5.2.0-MacOSX-x86_64.sh
```

8. Type "Python" to verify the Anaconda installation.

```
    swcho8 — python — 80×24
    Last login: Wed Jun 13 09:27:13 on ttys000
    DN52ehgk:~ swcho8$ python
    Python 3.6.5 [Anaconda, Inc.] (default, Apr 26 2018, 08:42:37)
    [GCC 4.2.1 Compatible Clang 4.0.1 (tags/RELEASE_401/final)] on darwin
    Type "help", "copyright", "credits" or "license" for more information.
```

Now, your computer is ready to run CRISPRpic. You can download the CRISPRpic at <u>https://github.com/compbio/CRISPRpic</u>

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4. The output files will be generated in /CRISPRpic/TEST/AAVS1/