OS: Ubuntu 16.04.5 LTS

**Install python**

apt-get update

apt-get install -y

apt-get install python3.5

apt-get install python3-pip

**mRNA install the dependent packages:**

python3 -m pip install –-upgrade pip

python3 -m pip install numpy scipy

python3 -m pip install scikit-learn

python3 -m pip install pillow

python3 -m pip install h5py

python3 -m pip install tensorflow==1.11.0

python3 -m pip install keras==2.1.5

python3 -m pip install pandas

python3 -m pip install python-crontab

python3 -m pip install feedparser

python3 -m pip install pymongo==3.9.0

python3 -m pip install configparser

**For web server**

1. install node.js version==8.15.1

weget -p /foldername <https://nodejs.org/dist/v8.15.1/node-v8.15.1-linux-x64.tar.xz>

tar xvf node-v8.15.1-linux-x64.tar.xz

sudo ln -s /folder/node-v8.15.1-linux-x64/bin/node /usr/bin/

sudo ln -s /folder/node-v8.15.1-linux-x64/bin/npm /usr/bin/

nodejs -v

Install packages via npm (NodeJS Packages Management).

Delete node\_modules （if already has one）

Command: npm install

Sometimes we neeed： npm audit fix

Cd ./web

Delete node\_modules （if already has, must do if has or you will see errors! package-lock.json）

npm install

npm install react-table

In musite/web/package.json  
Change proxy to "proxy": <http://localhost:5000> or <http://server:5000>

In web/.env change port num like 3335

**Running**

/mRNA

Command: node app.js

/mRNA/web

Command: npm start

**(Using chorm to open this localhostweb)**