# Zippy installing and testing:

Version 10.3

Cleaning anterior versions:

1. In a shell go to /usr/local/zippy
2. Execute make cleanall

## Installing:

1. copy both files to /root
2. in a shell under the /root folder, execute sudo chmod +x ./zippy\_install\_v10.3.bash
3. 3. in the same shell execute ./zippy\_install\_v10.3.bash

## Testing

### On web server:

1. In a shell go to /usr/local/zippy
2. To use Gnomad (frequency cutoff 0.0001% and common and all vcfs), execute:

make run

To use the options as in Zippy 7.6, execute:

make run CONFIG\_FILE="zippy/extra\_configs/zippy\_v7.6.json"

### On command line:

1. In a shell go to /usr/local/zippy
2. Execute source /usr/local/zippy/venv/bin/activate
3. To use Gnomad (frequency cutoff 0. 1% and common and all vcfs), execute:

python -m zippy.zippy (command-line arguments)

To use the options as in Zippy 7.6, execute:

python -m zippy.zippy -c "zippy/extra\_configs/zippy\_v7.6.json" (extra command-line arguments)

Cleaning the blacklist cache

1. In a shell go to /usr/local/zippy
2. Execute make clean\_blacklist\_cache

## Altering zippy.json

This file is located in the path: /usr/local/zippy/zippy/zippy.json

## Zippy json configurations that are different from those in Viapath Zippy:

blacklistcache: can be the name of the file where to save the blacklist cache

(like /var/local/zippy/.blacklist.cache), or "/dev/null"

### snpcheck:

used: a list of criteria for snpcheck. If used 'common' or 'all' to use common mutations VCF or the all mutations VCF. If gmonad:n or a number then we use gnomad, and the number is the frequency cutoff.

help: this section help in a comment