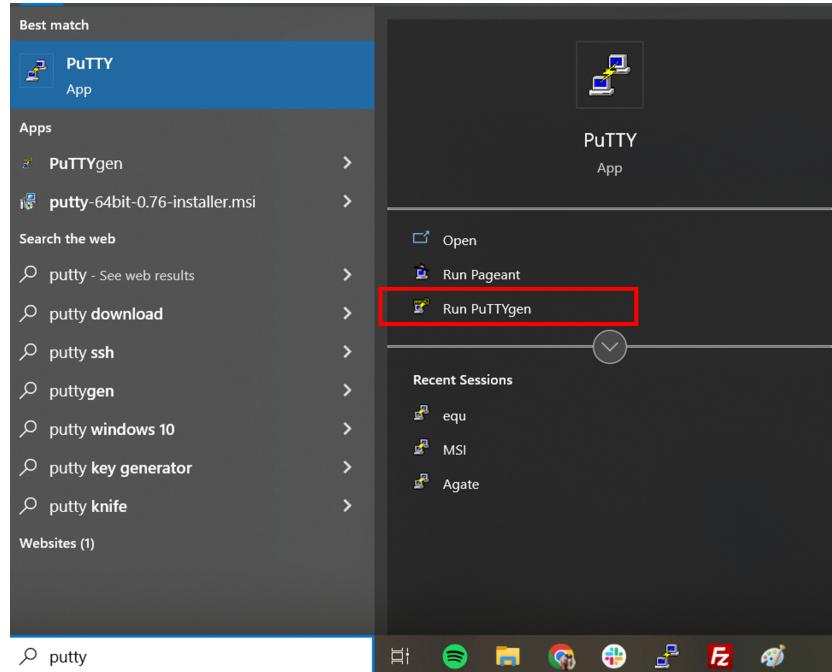
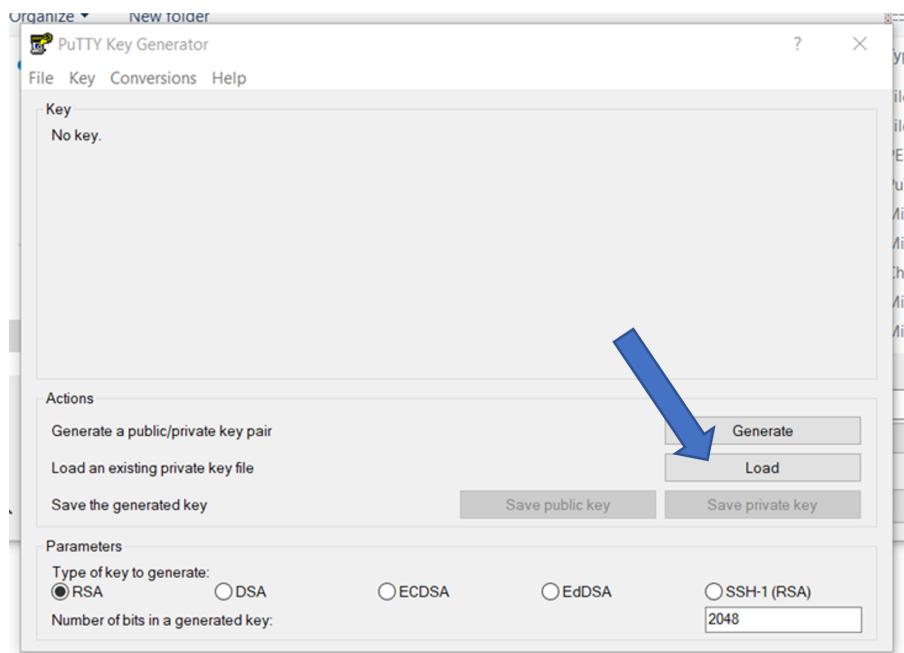


## Steps for getting instance to work with PC

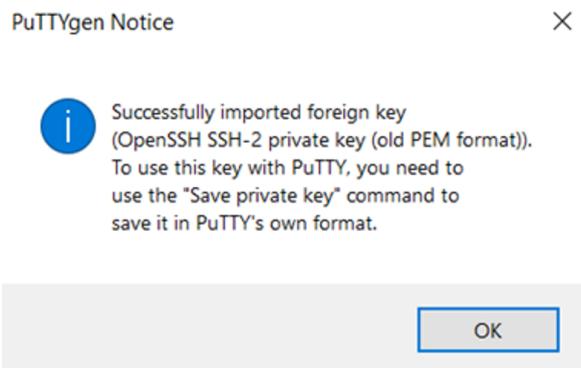
1. Copy and Paste 'wget <https://s3.msi.umn.edu/wags/EquineGenetics.pem>' into your browser.
  - a. This should download the .pem file
2. Open puttyGen
  - a. This comes with any putty download and can be found by searching PuTTY in your program search
  - b. Depending on computer it may be in a different location, but this is where it appears on mine



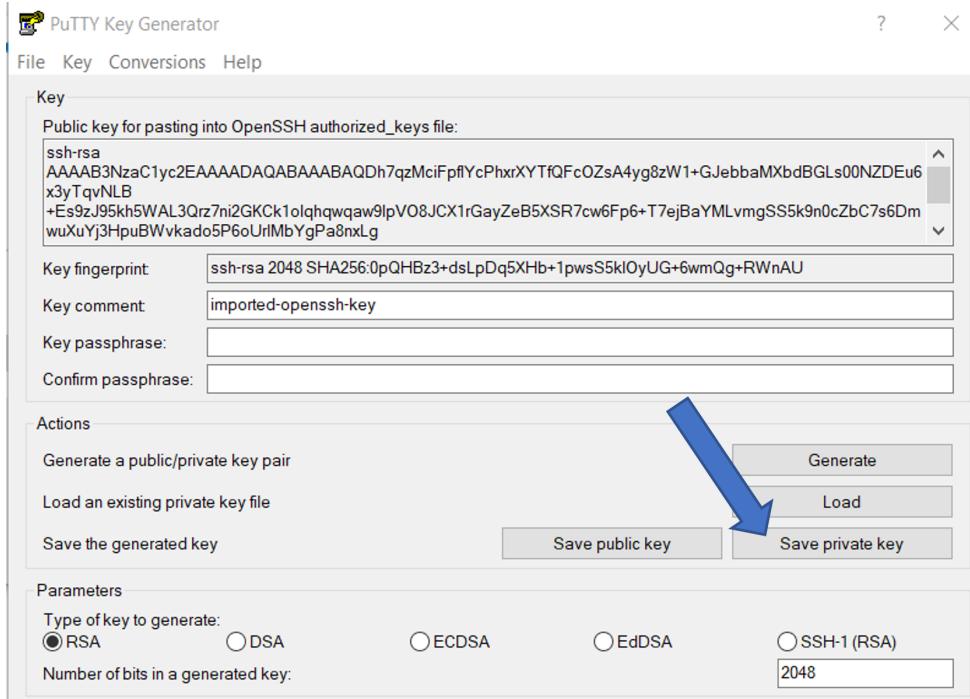
3. Click "Load" to load an existing key
4. A file browser will popup. You will have to change "Putty private key Files" to "All Files" to see the .pem file



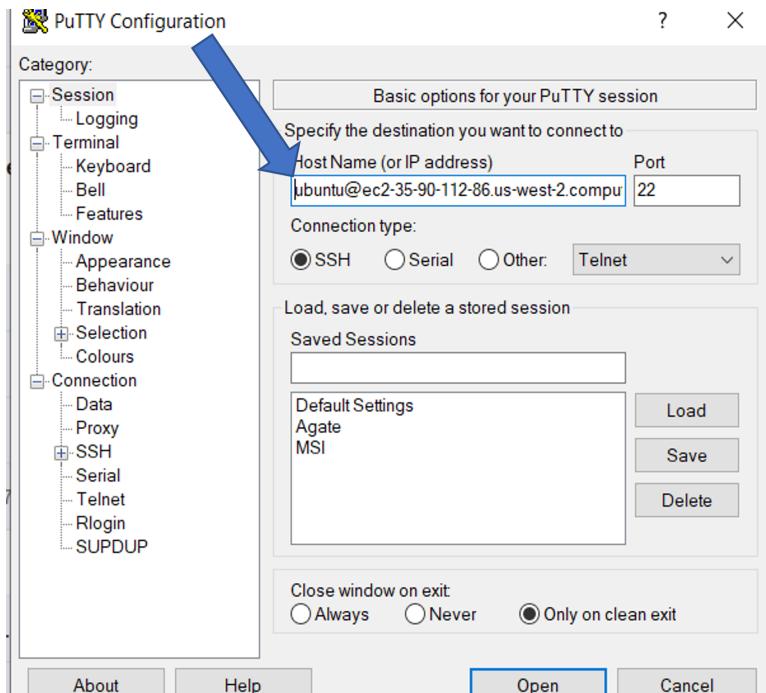
5. Select the .pem file wherever it was downloaded
6. Should get a popup saying that the import was successful and to use the key you will need to Save private key



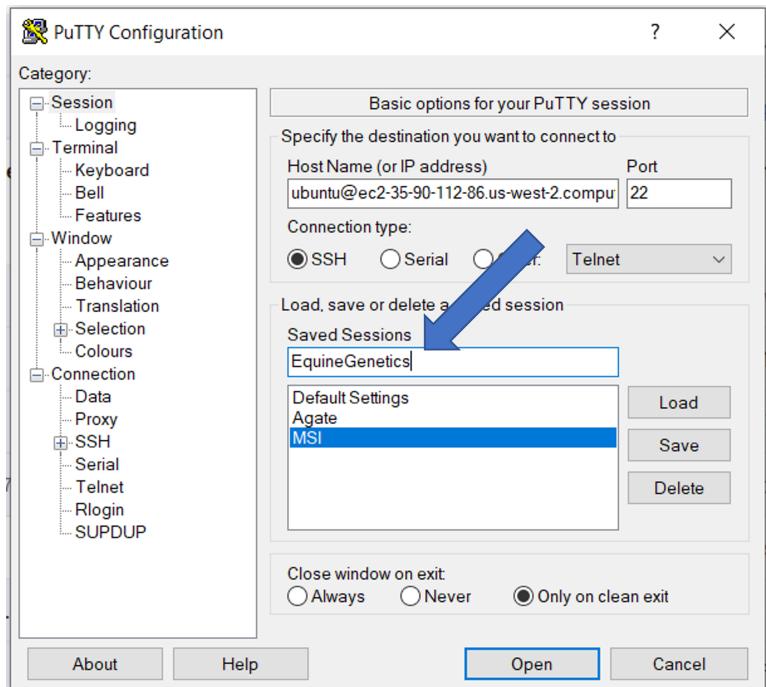
7. Click "Save Private Key"



8. Click "Yes"
  9. Save the key somewhere you can find it.
  10. Open PuTTy
11. In Host name paste one of the instance IP addresses from the list of available instances.
- a. Structure of IP should be:  
[ubuntu@ec2-34-221-58-181.us-west-2.compute.amazonaws.com](mailto:ubuntu@ec2-34-221-58-181.us-west-2.compute.amazonaws.com)
  - b. specific numbers will differ between instances. Most important part is that it starts with 'ubuntu'!



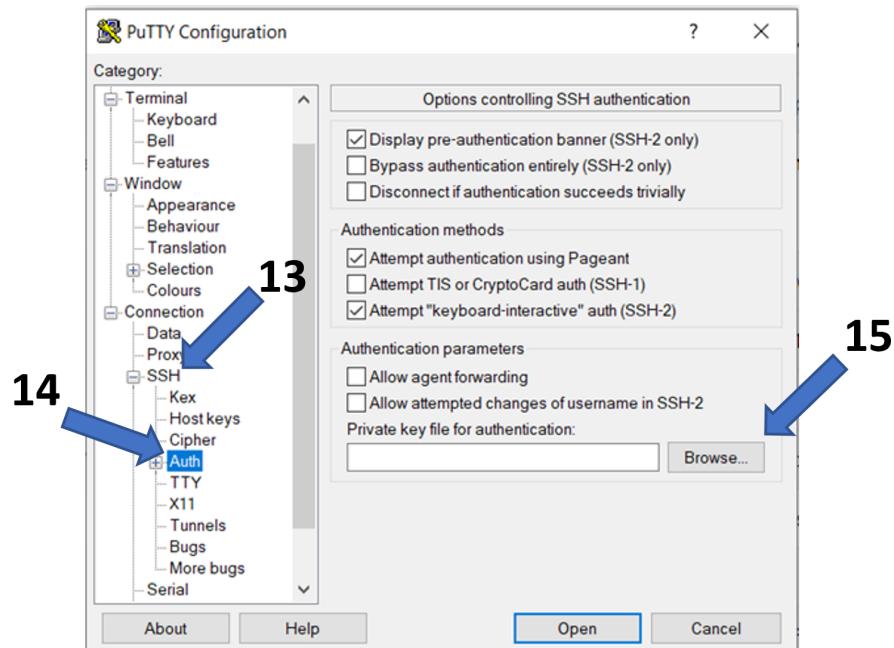
12. In the blank spot under Saved Sessions type “EquineGenetics” or whatever you want. This is just the name for our stored settings.



13. On the left hand side of the popup screen there's a series of menus. Towards the bottom is "SSH". Click the plus sign to the left of SSH to extend the hidden menu.

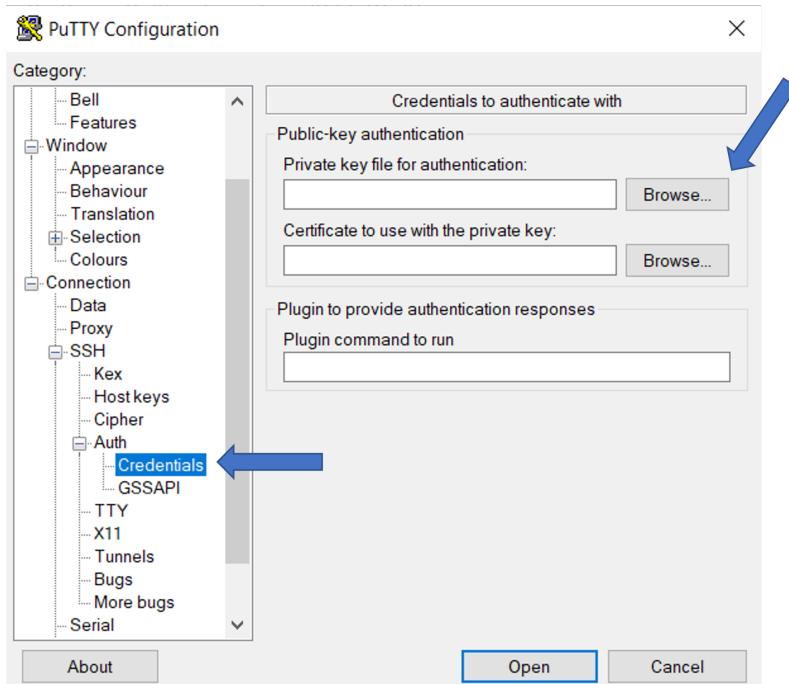
14. Click on "Auth"

15. At the bottom of this options menu you should see "Private key file for authentication." Click browse and find the private key we saved previously.



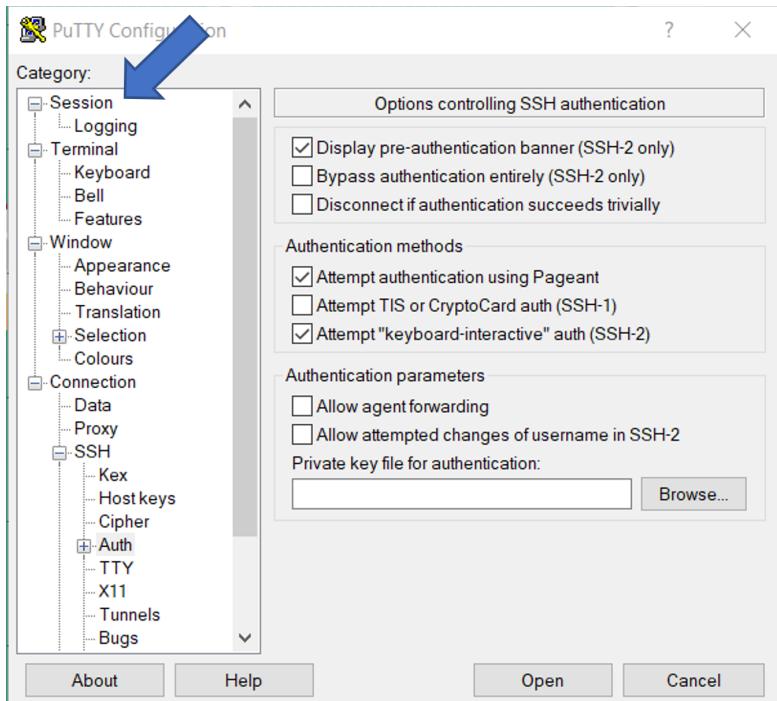
**\*\*PuTTY Version 0.78.0\*\***

The auth menu will not have the file browser. Click the + to extend the Auth submenus



Browse for the file at the location shown in the image above

16. Go back to the login page by scrolling back to the top of the options menus and clicking on "Session"



17. Click on Save and then open
18. This should open the instance!