

Running CONSED

For this exercise, we will learn to use Consed. We will be logging in using Cygwin.



1. Double click on the StartXWin-Cygwin icon (`StartXWin-Cygwin.lnk`). This opens a graphical version of Cygwin.
2. You will see a command line starting with a “\$”. This is a prompt where you type in your input.
3. Enter “ssh -Y xxx@199.107.197.20”, and then the enter key. Note that the ssh must be lower case and the Y must be uppercase.
4. When asked for the password, type in “xxxxxx”.
5. You will see “xxx@biology1 ~ \$”. The green text (xxx@biology1 is the name of the account and computer. The blue text is the directory and the prompt (\$).
6. Each group will have a different directory. For now they are numbered genome1 through genome7. To change the directory, type “cd genomex”, where the x is your group number, and then enter.
7. Now enter “cd standard/edit_dir”, and then enter.
8. To start consed, type “consed &”, and then enter. The program will open. Follow the directions starting in step 1c in **Introduction to Consed** on how to use the program. Note that these directions were written for Macintosh computers, and for a set of reads that produce two contigs. In other words, some parts of it need to be ignored or slightly altered. Make sure that you understand **where** to make primers-check with the instructor to make sure you have made ones that would improve the quality of the sequence.
9. To end the session, enter “logout”.
10. To exit Cygwin, enter “logout”.