Looking at Your Data

1. Login to GNomEx using your University ID and password (Campus Information System/Kronos).

2. To view your sample data, click on the “Experiments” Button which is located at the top of your screen.
3. You can now see all of the experiment orders that you’ve submitted.
4. You have several options for getting to your data, (1) you can double click on the order name in the list provided in the middle of your screen, (2) you can browse through your experiment orders with the pull down menu, or (3) you can type in the experiment order number and then press the green arrow button.

5. These buttons are filters to help you find the orders you are looking for.
6. Once you’ve chosen which order to look at, double click on it.
7. Click on the “Chromatogram” tab to see the data.
8. Your samples will be displayed. All of this information should look similar to what you see in the Finch system. If your sample names are too long you may have to expand the column by simply clicking on the right side of the column and dragging it to the right.

9. To see more information on a specific sample, click on its blue label.

10. A similar screen will appear. The general information is the same as what you saw on the previous screen, it’s just in another format. The quality graph shows you the quality score for each base call.
11. By scrolling down, you can see the actual chromatogram of your sample. This chromatogram is a good representation of how clean your sample is. This can also be used to determine if the quality of your sample was good enough to trust the sequence that you were given. If you have questions on interpreting the chromatogram please ask the DNA Sequencing Core Facility.
12. The last thing on this pop-up screen is your actual sequence. Black letters indicate high quality bases whereas red letters indicate low quality bases.

13. To exit the pop-up screen just click outside the box.

To Download Your Data to Your Computer:

14. You can select a few samples to download by clicking the boxes in front of the sample name or you can download the entire order by clicking the dark grey box at the top.

15. Select the files you want and then click the download button. The “FDT Download” button is used when you’re downloading more than 1 GB of data, otherwise use the normal “Download” button.
16. It will tell you how much data you’re going to download and then it will want to know if you’re ready to move on.
17. Click the “Yes” button to proceed.
18. Select the location that you want to save the files to.
19. Make sure to change the file name so that you can recognize it.
20. Click the “Save” button.

If you want to download an entire project (multiple orders):

21. Double click on the project folder which is in the left-hand toolbar.
22. Click on the arrows next to the Experiment Order numbers to collapse the experiment order. Continue to do this until you see all of the experiment orders that you want.

23. Select all of the orders that you want to download and then click the download button. The “FDT Download” button is used when you’re downloading more than 1 GB of data, otherwise use the normal “Download” button.
24. It will tell you how much data you’re going to download. Click “Yes” to proceed.

25. Choose the location where you want the files.
26. Be sure to rename the file.
27. Then click the “Save” button.
28. Your files have now been downloaded to your chosen location.
29. You can now analyze your data with whatever software you choose to use.