Computer # \_\_\_\_\_\_\_\_\_ Group # \_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_

Group Members Names \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SITE #1:

1. Go to [https://www.ncbi.nlm.nih.gov](https://www.ncbi.nlm.nih.gov/) . Does BLAST open? \_\_\_\_\_\_\_\_\_
2. Were you able to copy and paste Sequence 1 from Short Sequence Exercise WS (on blog) into nucleotide BLAST? \_\_\_\_\_\_\_\_
3. Give it a title and hit enter. State the closest match \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What is the % match? \_\_\_\_\_\_\_\_\_\_\_\_ What is the E value? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (you will determine what this means with tonight’s HW assignment)
5. Click on the closest match. What additional info is given? (ex: name of gene). \*You may need to scroll down the page.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Site # 2:

1. Go to ‘My Computer’ and open the Student Drive. There should be a list of teacher names. Find mine. Tell me if there is a folder in there with my name on it and if there are files for AlleleA1 software (and if they open). \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SITES #3 and #4:

1. Do these links open?
2. A- [www.uniprot.org](http://www.uniprot.org/) \_\_\_\_\_\_\_\_\_\_
3. B- [http://tcoffee.vital-it.ch/apps/tcoffee/do:regular](http://tcoffee.vital-it.ch/apps/tcoffee/do%3Aregular) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. If so, write down the browser. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_If not, try 2 more browsers. Tell me which one’s work. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Can you copy and paste the sequence into uniprot? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. What info is shown? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Can you copy and paste into tcoffee? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. FYI: You will have to convert the sequences to FASTA format before copying and pasting sequences for the actual lab. *Instructions for how to do that will be in the BLAST Lab*
7. What info is shown? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Give any additional details (especially if there were problems with the site) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_