

AP Biology Lab – Comparing DNA Sequences

Video Review Sheet

www.bozemanscience.com/comparing-dna-sequences

1. Cladogram Example 1 – Pretend Creatures: (Pause Video) Did you get it in the correct order?

2. Cladogram Example 2 – DNA Sequence: (Pause Video – tip, write them out) Did you get this one in the right order?
 - a. The percent similar shows

3. Using the websites: This can be a bit overwhelming...just hang in there. Your Lab 3 will give you more practice with this technology.
 - a. What did he ultimately get from the first website, NCBI:

 - b. The second website, BLAST, he pasted:

 - c. This compares DNA sequences and it brought back _____ hits.

 - d. Distance Tree of Results: shows data as a _____