

Homework 4

- Load your data into a database:
 - NON-TRIVIAL
 - Create tables to load the data that you collected
 - Nucleotide sequence data
 - Protein data
 - Sequence data (translation of the DNA data)
 - Structure data (Think about how you want to do this!!!)
 - Pathway data
 - Table to hold data lineage
 - 1 Meta data table
- You will decide the attributes needed and their data types.
 - Use the file definitions as guidance
 - FASTQ, FASTA
- Link these tables so that they can be queried
- Ultimate GOAL: Pull the structure information for a given DNA sequence.
- Due March 1st at 8:00 a.m.