BINF 732 Genomics

Final Project

For the final project each student will make a 10-minute recorded presentation including questions (audio and slides) about a problem whose solution can benefit from genomics and bioinformatics. For example, the problem could be a health issue such as a disease or an agricultural issue such as livestock breeding. The presentation should rely on facts from the published scientific literature as much as possible and clearly describe the bioinformatics used. Alternatively, the project can be some type of genomics related analysis done by the student. Also, please provide as much insight into the bioinformatics method used as is reasonable for such a short presentation.

As the possible content for this project is flexible and broadly defined, please check with me about your project topic if you have questions. The goal is to learn something interesting different from our lectures/text and to teach the class about it. Presentations will be evaluated based upon content and clarity.

The presentations will be posted on the class website. Students should view their classmates’ projects and describe their two favorite projects in one paragraph each. The paragraph should address why it was their favorite.

Deliverables:

1. Final Project Presentation Recording with slides. Due April 27, 2025
2. You can pick one of the following:
   1. One paragraph summary on each of two classmate projects. Due May 12, 2025.
   2. Attend the online class gathering to discuss presentations on April 27 and May 5 starting at 1:30.