

Bioinformatics

CS300

Exam 2 Notes

Spring 2021
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Exam 2

- Released on Wednesday 5th May at 10:40am
- Due on Thursday 6th at 10:40am
- Multiple choice and written components
- Conceptually-oriented, concerning material from class discussion, slides and activities
- Slides and notes for structure, use the book for detail





General Topics

- Gene sequencing
- Horizontal gene transfer
- Blast, tasks and outputs
- Annotation tasks for a newly sequenced genomes
- Gene prediction; concepts
- Genomes; main differences in terms of annotation
 - Prokaryotic and Eukaryotic
- Substitution matrices
- Translation of Genes in DNA
- Open reading frames, NCBI's ORF finder tool
- Gene prediction landmarks
- Protein Folding