

Introduction to Bioinformatics

Material for Exam #2

Questions for each of the exams will taken (with some modification) from the various Problem Sets, Study Questions, and tours covered since the last exam. For Exam #2, the following are fair game:

Problem Set 4: Loops and Mapping

Problem Set 5: Genome Analysis Investigations

Study Questions from notes for:

Introduction to Mapping

Elements of a Loop

Tour of Edwards & Rohwer (Intro to Global Viral Metagenome Project)

Sequence Contrasts – GC fraction

Sequence Contrasts – Dinucleotide biases

Sequence Contrasts – Codon biases

Tour - *Search for FMRP in Drosophila* (Feb 20)

Tour #1 - *Alien Genetic Code*

I will also expect that your log will be fully up to date on the Viral Community Web site by the time of the exam (or say by the time the exam is handed in).

... and that's it. If you can solve these problems and answer the questions, you should be able to do the same readily on the exam.

For more, see *Course at a Glance, Objectives and Strategies, Integrative Exams*