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Review Sheet for Final Exam

(last updated: December 6, 2013)

A) Lecture Notes:

One - Biology: All slides except: 7,9,10,11,22,25,26, 29-32,39-41,51-52, 84-92.

Two - Bioinformatics: All slides except: 7,9,11,20-24,27,29,36-41,47-64.

Three - Pairwise Sequence Alignment: All slides except: 65 and 66.

Four - Multiple Sequence Alignment: All slides except: 28-30 and 32.

Five - The Big Jaw: All slides except: 6 and 7.

Six - HIV: All slides except: 4,11-12,20-22,24-26,29-41,43-48.

Seven - Motifs: All slides except: 17-21.

Eight - Phylogenetic Trees: All slides from 1 to 43 except: 11-18,24,27-31.

*** Next Generation Sequencing lectures and materials are NOT included in the final exam ***

B) Hands-On Exercises:

All Hands-on exercises.

C) Homework Exercises:

HW	Num	For the Exams
HW	One	All - Problems 1, 2, 3, 4, 5 ,6, 7, and 8
HW	Two	Problems 1 and 3.
HW	Three	Problems 1 (not 10,12,18), 2, 3, and 4.
HW	Four	Problems 1 (not 5(c,d,e,f)), 2, 3, 5, and 7.
HW	Five	Problems 1, 2, and 3.

D) The textbook:

Chapter 1: See Reading Guidelines.

Chapter 2: See Reading Guidelines. Skim through the chapter.

Chapter 3: See Reading Guidelines.

Chapter 4: See Reading Guidelines up to and including Section 4.7.

Chapter 7: See Reading Guidelines.

E) Everything we covered in class