

Homework Assignment 3

BENG 202/CSE 282

February 15, 2007

This homework is due February, 20 2007 at 3:30 PM. This is an individual assignment. You can discuss the homework with other people in the class, but make sure you document this. Please hand in a hardcopy on the due date.

Problem 1 (100 Points)

Derive a formula or method for computing the recombination frequency given the segregation pattern observed from tabulating phenotypes of the F₂ generation after a F₁ x F₁ heterozygote self-cross (AaBb X AaBb).