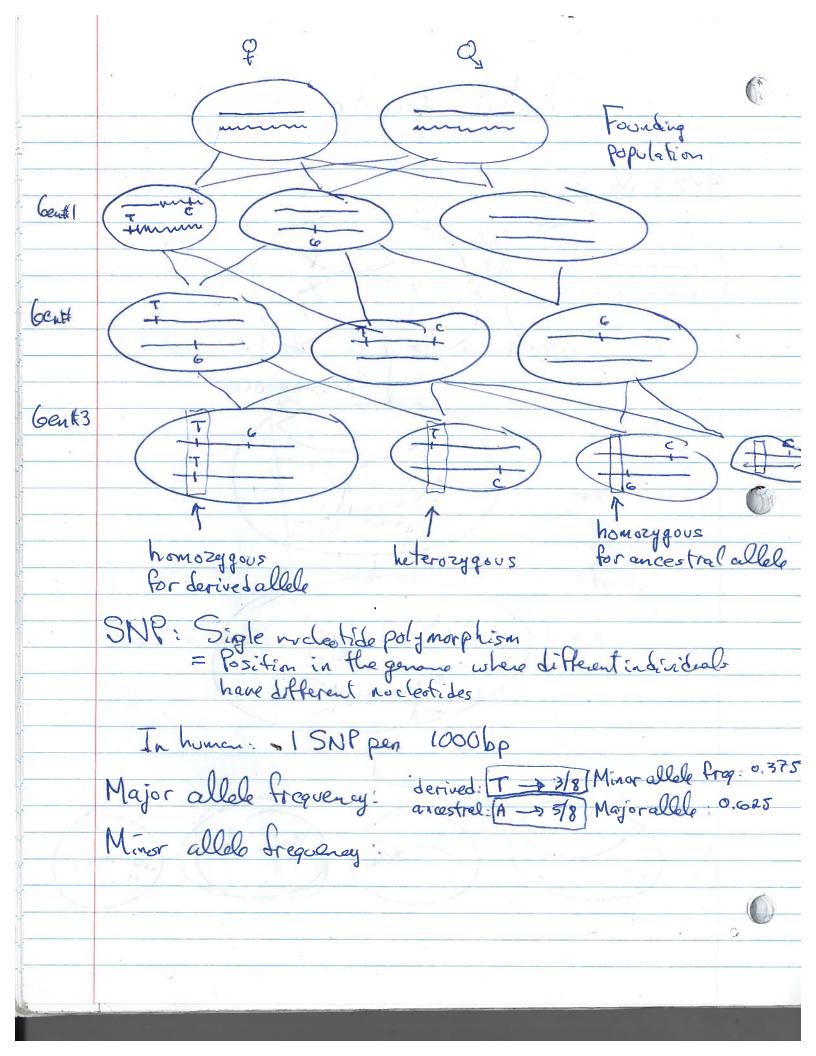
Population Coenetics Meiosis DNA Crossing over



/ fixation Positive Edection Minor allelo fraquency -extinction + generalians Time of first motels Neutral model of soloction: Mutation has no consequence on Afress Negative selection: Mutation reduces fitters Positive selection: Mulation improves fitness Balancing selection: Best fit is with heterozygous

Coens typing Givano DNA from one individual Find: The alleles prosant at each position of genome Output DNA dr1 173271 AA < homozygous reference chr 2 (73471 AC chr? TT - homo zygors non-reference · Locus Coenstyping arrays · Genetyping by soquencing OExtract + frequent + sequence DNA 2) Align (map) each read to reference human Forty Pile ACTAAAC. ATTACACCH

A 14 A AA C A HA τ 4c 3A La ferences Heterozogous Homozygous non-referen