

Incorporating selection into the HW model

Incorporating selection Cont'd

Predicting the frequency of the CCR5-Δ32
allele in future generations:

Sub-saharan Africa scenario:

Predicting the frequency of the CCR5-Δ32
allele in future generations:

N. European scenario:

Predicting the frequency of the CCR5-Δ32
allele in future generations:

Hypothetical scenario:

Selection on recessive vs. dominant alleles:

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Directional Selection Summary