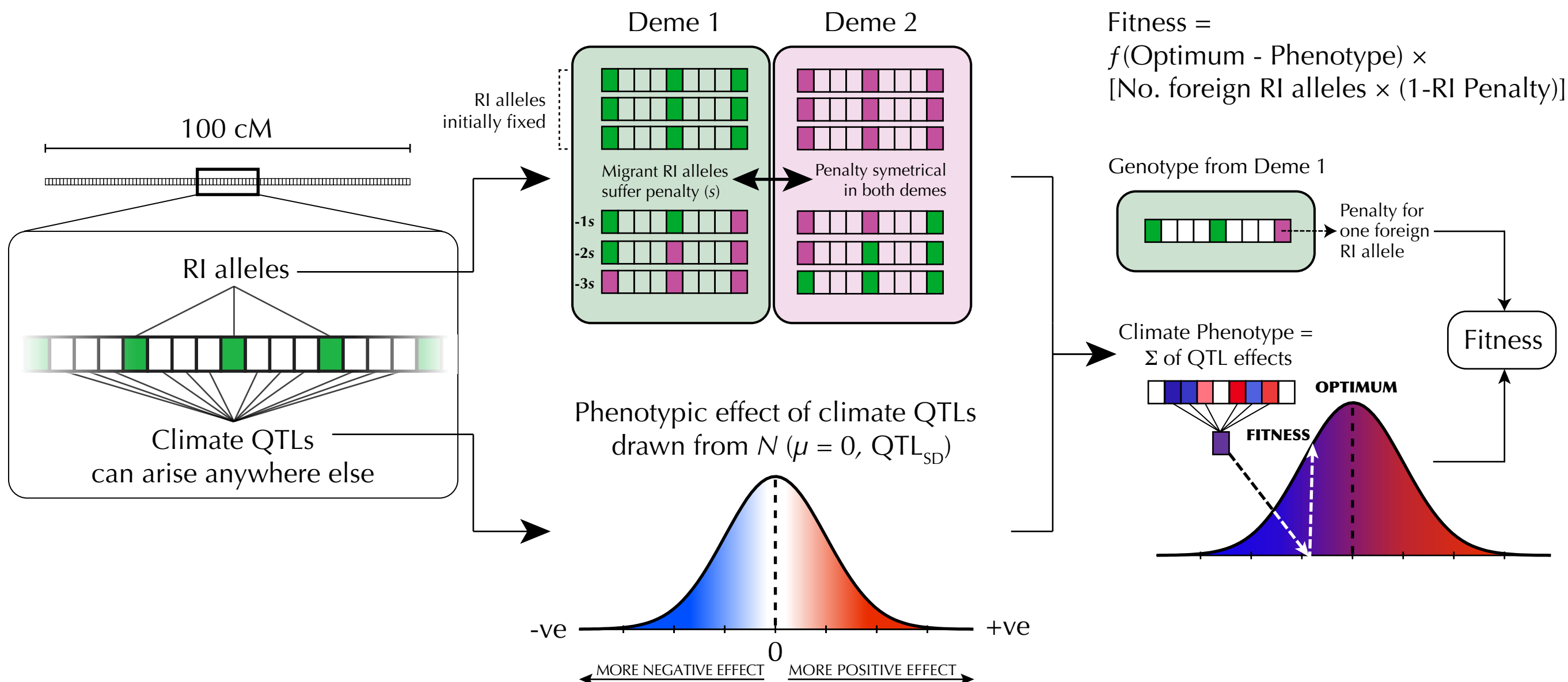
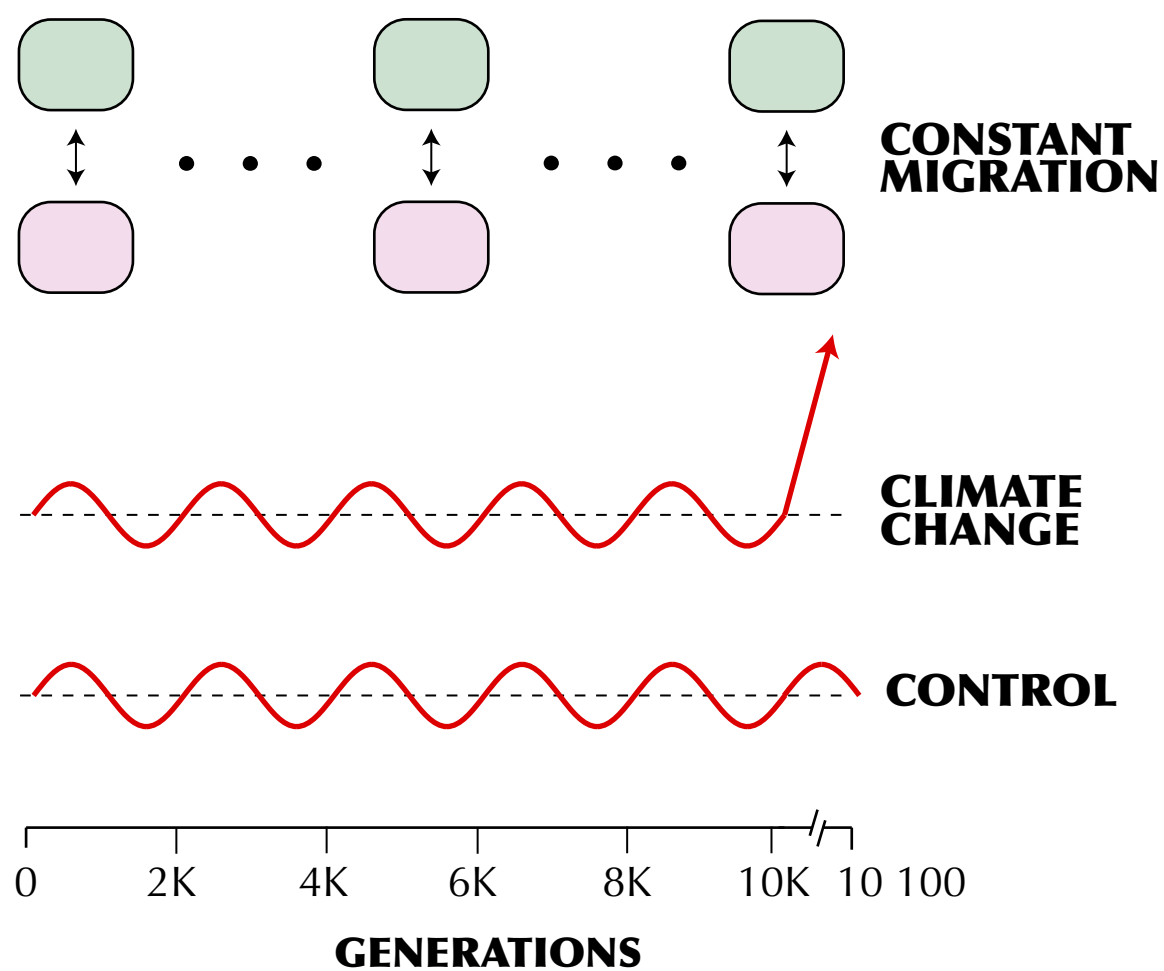
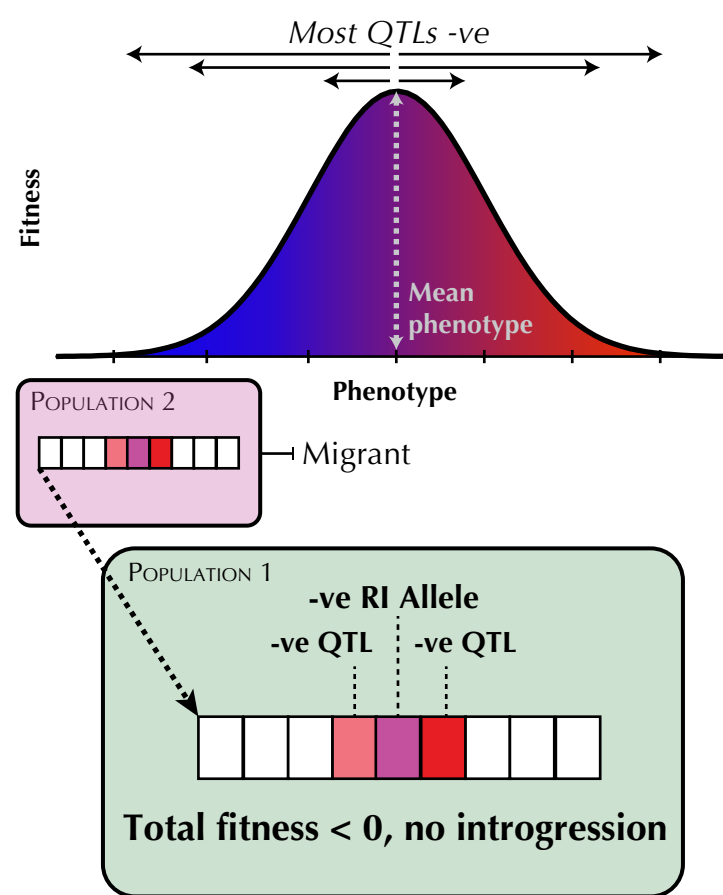


**A**

RI = additive trait under  
climate-invariant divergent selection

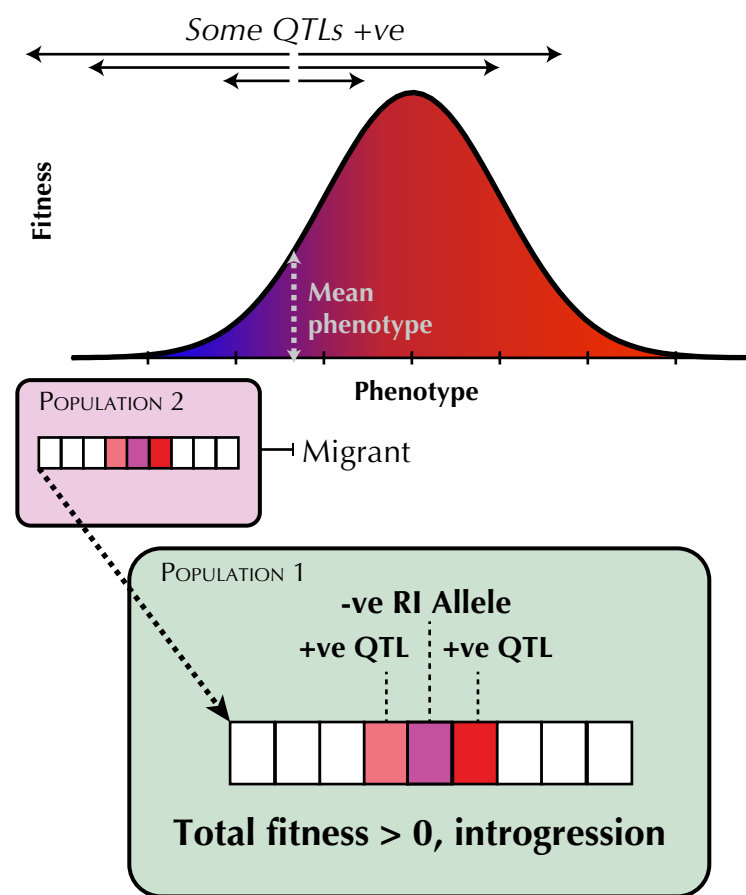
**B****C**

CASE 1: Global mean phenotype is  
near fitness optimum



If populations are close to the climate optimum,  
introgressed QTLs are unlikely to overcome RI

CASE 2: Global mean phenotype is  
far from fitness optimum



If populations are far from the climate optimum,  
introgressed QTLs more likely to overcome RI