






No inversion allele —

Inversion 1 allele 

Inversion 2 allele 

Scenarios	Individual Genome	Outcome
S1: Heterozygous for inversion		No recombination
S2: Homozygous for inversion		Recombination occurs at rate r
S3: Heterozygous for one mutation and homozygous for another inside that inversion		Recombination occurs in the region where the homozygous inversion is but not in regions where the heterozygous inversion lines up with an uninverted region