

Scenarios	Individual Genome		Outcome
<b>S1:</b> New inversion mutation forms that overlaps with an existing inversion in the individual's genome randomly chosen for mutation	chr 1		<b>X</b> does not mutate
	chr 2		
	chr 1		
	chr 2		
<b>S2:</b> New inversion forms completely within the bounds of an existing inversion in the genome	chr 1		<b>X</b> does not mutate
	chr 2		
	chr 1		
	chr 2		
<b>S3:</b> New inversion mutates outside the bounds of inversions already present in the individual's genome	chr 1		<b>✓</b> does mutate
	chr 2		
	chr 1		
	chr 2		