

## Fusion A: Chromosome 11 and Ancestral X

## Fusion B: $X_1X_2Y$ sex chromosome system formed

Before  
Fusion

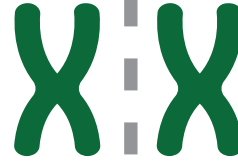
Ancestral  
chromosome 11



Ancestral  
chromosome 13  
(X)



Ancestral  
chromosome 12

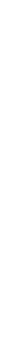


Ancestral  
chromosome 12

Ancestral  
chromosome 13  
(X)



Ancient Y



After  
Fusion

Anolis distichus  
 $X_1$  (neo-X  
chromosome)



Anolis distichus  $X_2$



Anolis distichus  $X_1$



Anolis distichus  
Neo-Y

