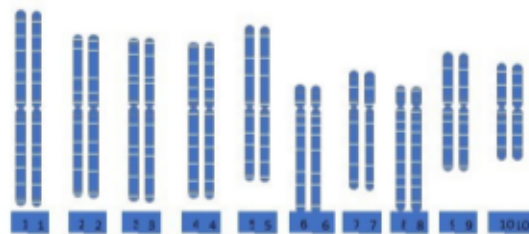


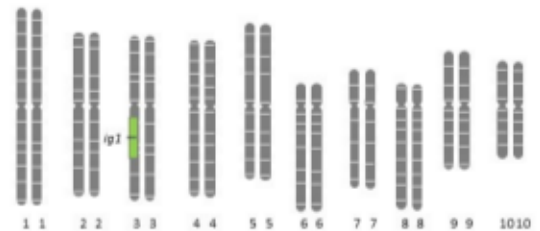
## Generation of the F1 parent

B73 inbred female

*ig1-O* "Mo17" line male



X



Green = W23

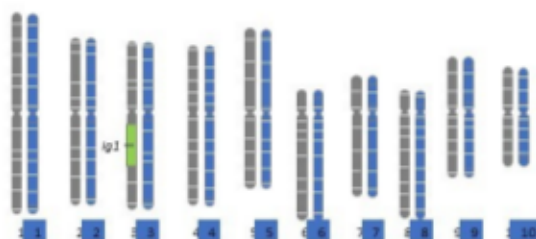
Grey = 98% Mo17 and 2% other (W23 or W22 or unknown)

Blue = B73

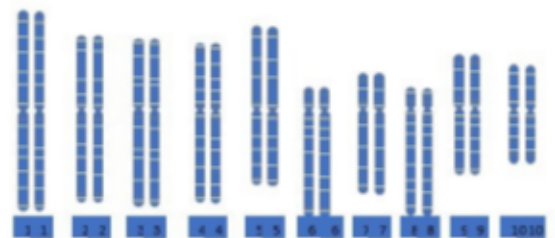
## Generation of the Mapping population

F1 line carrying *ig1-O* in a "Mo17"/B73 hybrid female

B73 inbred male



X



Green = W23

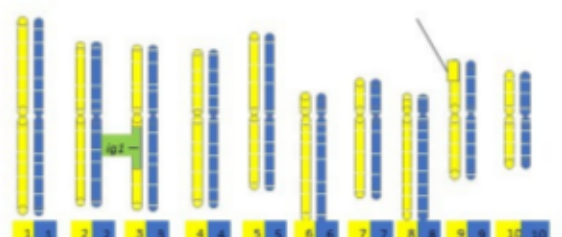
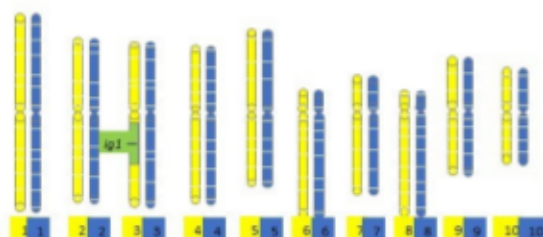
Grey = 98% Mo17 and 2% other (W23 or W22 or unknown)

Blue = B73

## Mapping population

Random twin individual

Random non-twin individual



Green = for sure W23

Grey = 98% Mo17 and 2% other (W23 or W22 or unknown)

Blue = for sure 100% B73

Yellow = 50% B73 and 50% non-B73 (49% Mo17 and 1% other)