



FIGURE S2.—Analysis of sex chromosome recombination frequency and distribution in F1 meiosis from cross158-Pairs11,14 and 16. In 87 F2 progeny from F1 parents with female  $X^C X^{Q1}$  and male  $X^C X^{Q2}$  genotypes 41 of 174 sex chromosomes were found to be recombined. Distal refers to 10-20% of the mapped distal end of the sex chromosome (corresponding to FR segment in Figure 6) and proximal refers to approximately 60% of proximal region of the sex linkage group (synonymous to the MSNR1 segment from Figure 6); n= Number of gametes. (See Table S4)