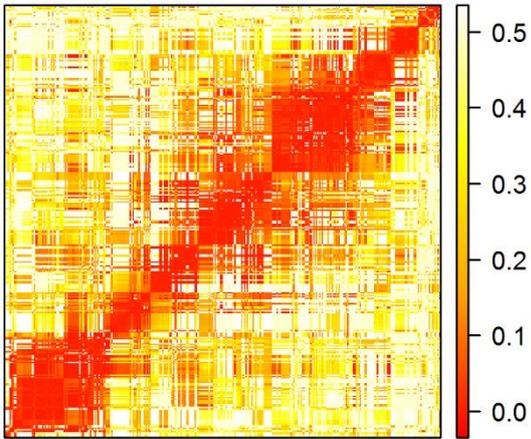
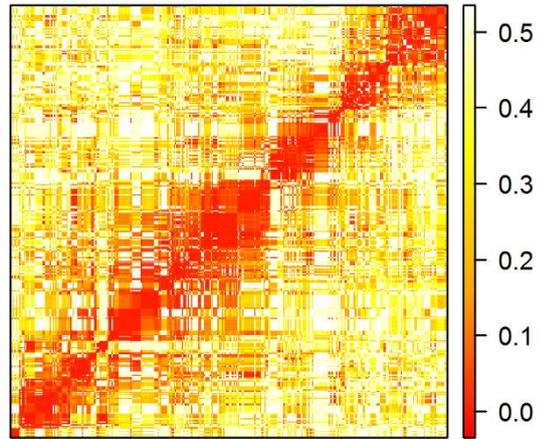


Chromosome 1

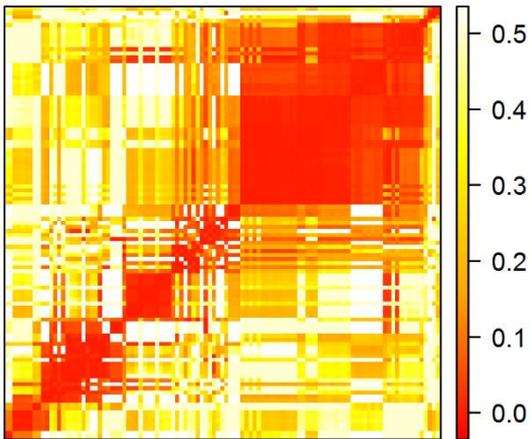
(A)



(B)

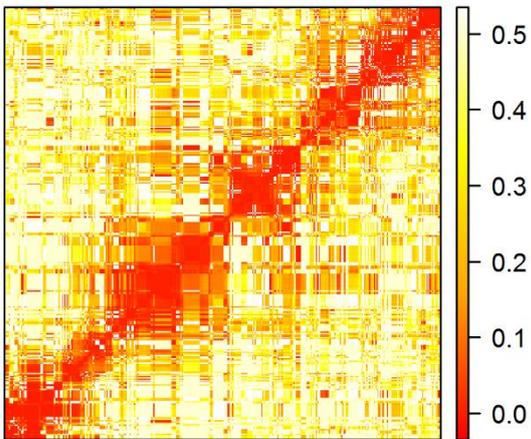


(C)

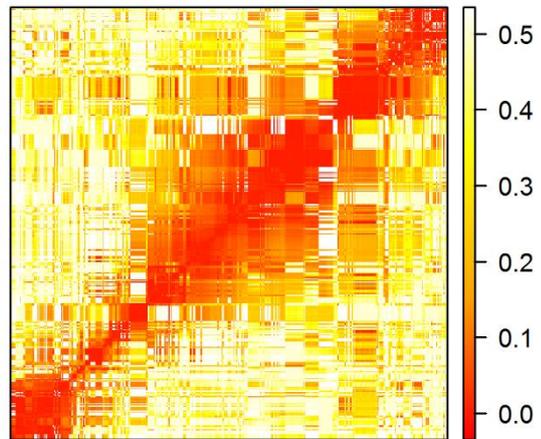


Chromosome 2

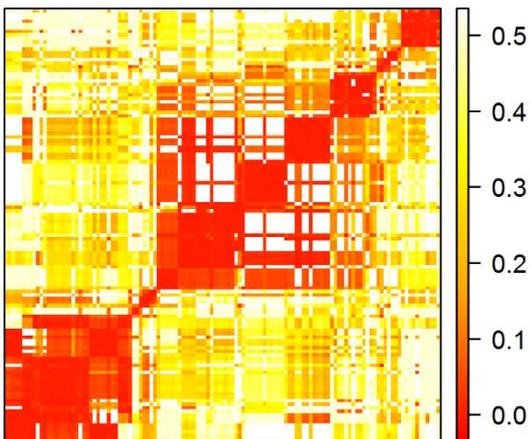
(A)



(B)

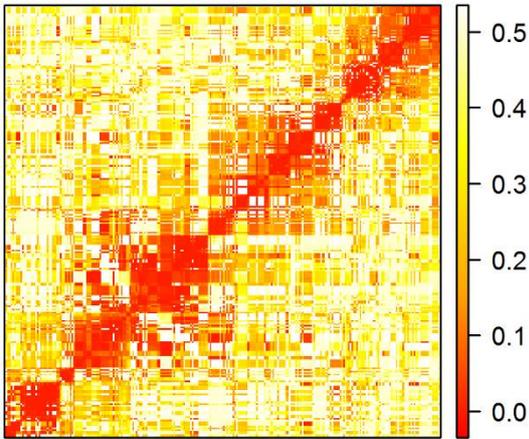


(C)

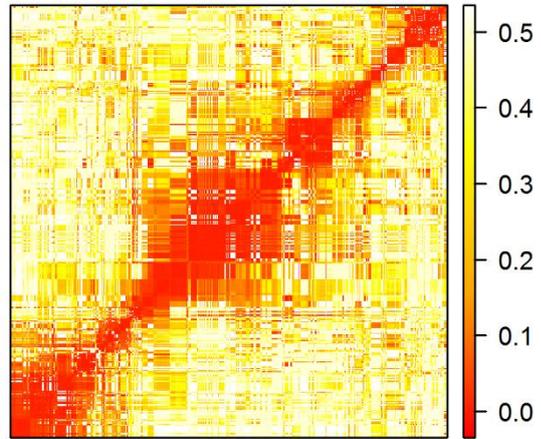


Chromosome 3

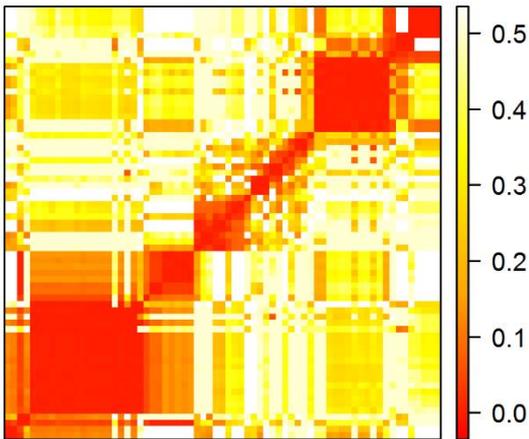
(A)



(B)

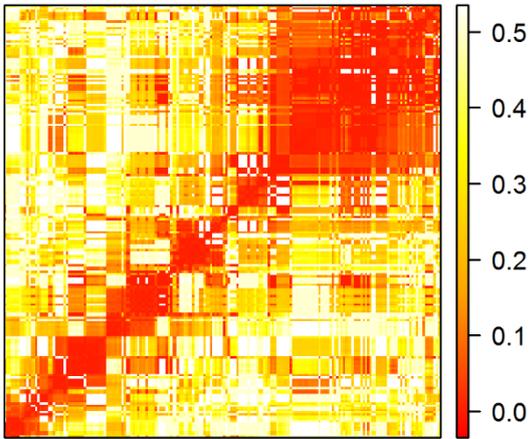


(C)

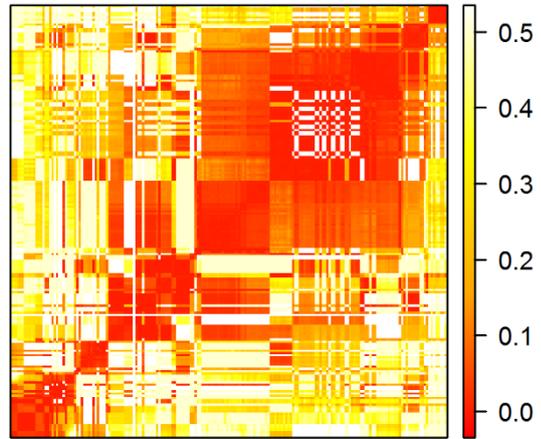


Chromosome 4

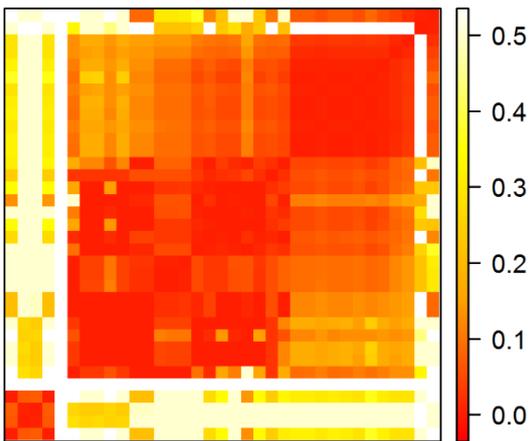
(A)



(B)

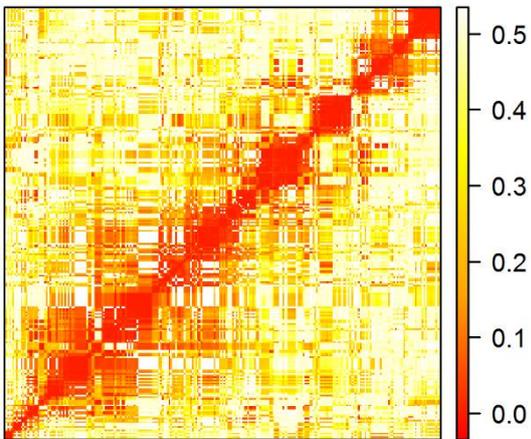


(C)

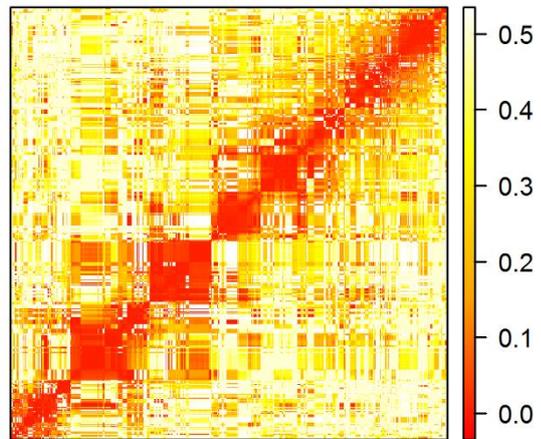


Chromosome 5

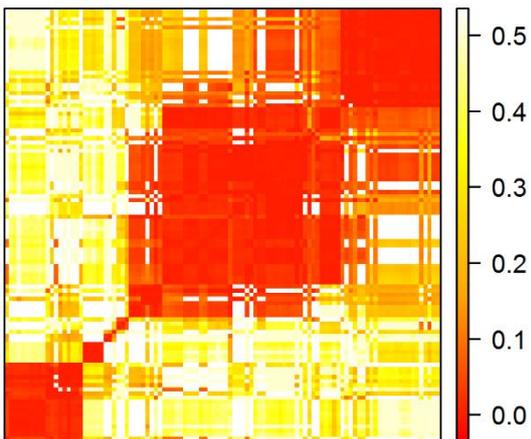
(A)



(B)

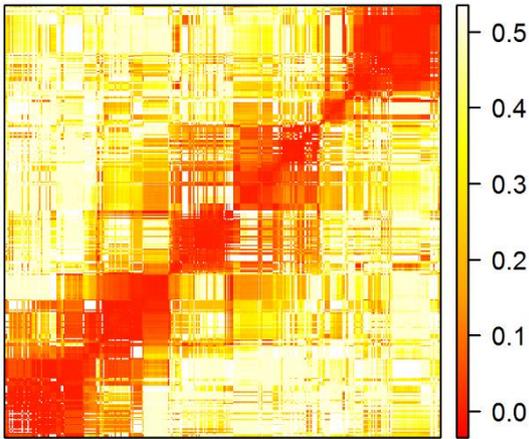


(C)

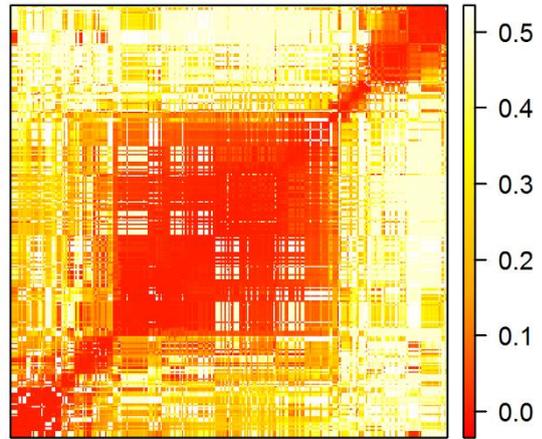


Chromosome 6

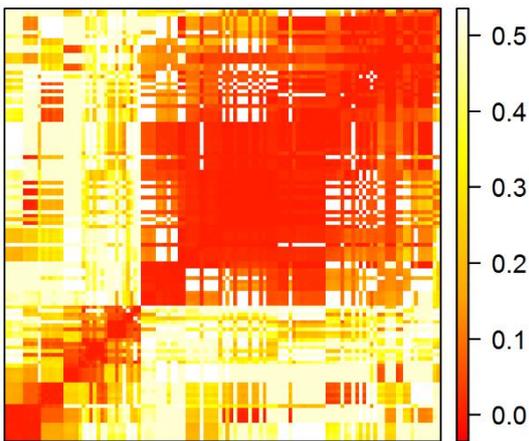
(A)



(B)



(C)



Chromosome 7

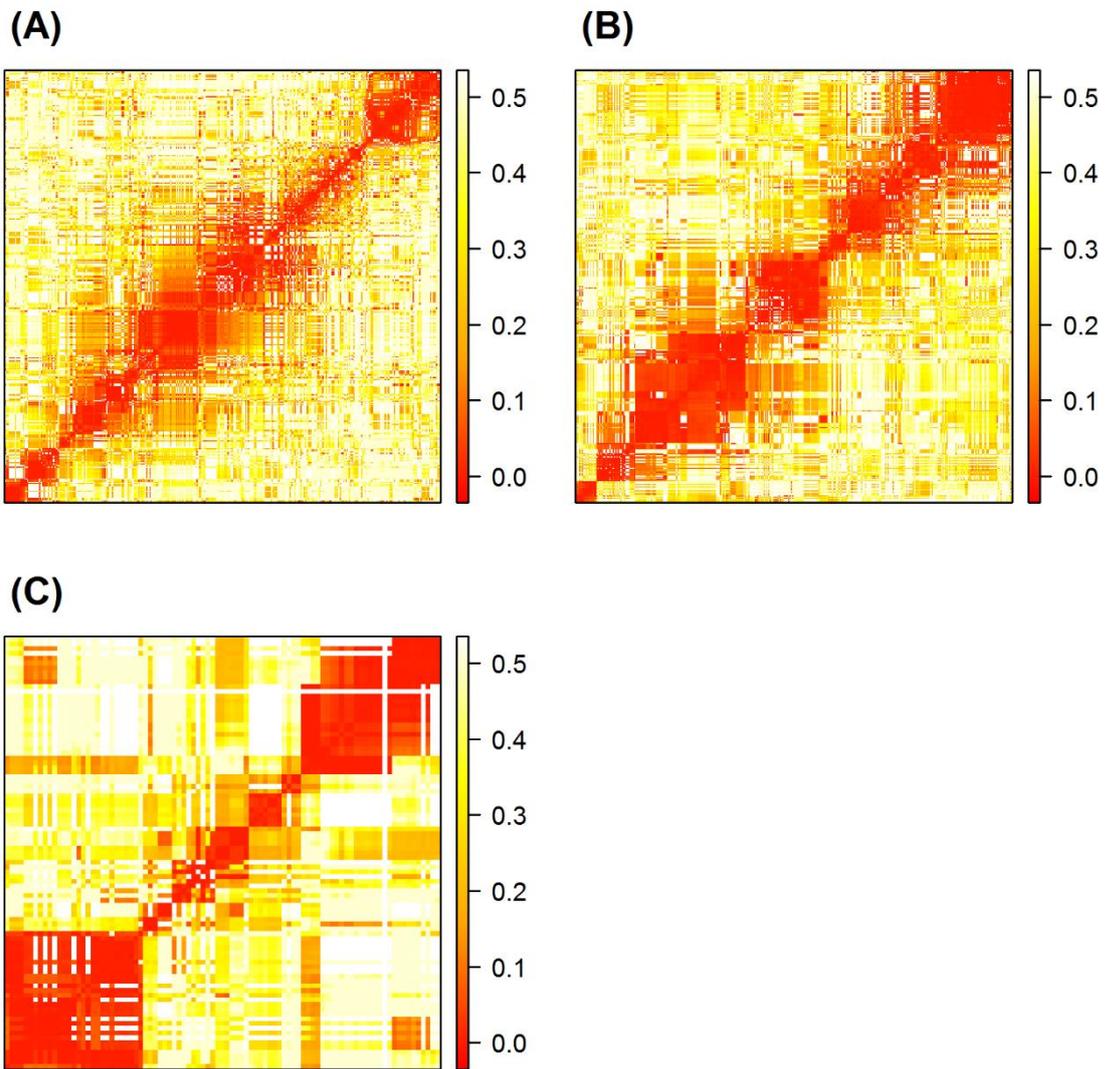


Figure S5: Recombination fraction diagnostics. Red color indicates low (0) and white color high recombination rate (0.5). (A), (B), and (C) show individual heatmaps of chromosomes for A, B, and D genome, respectively.