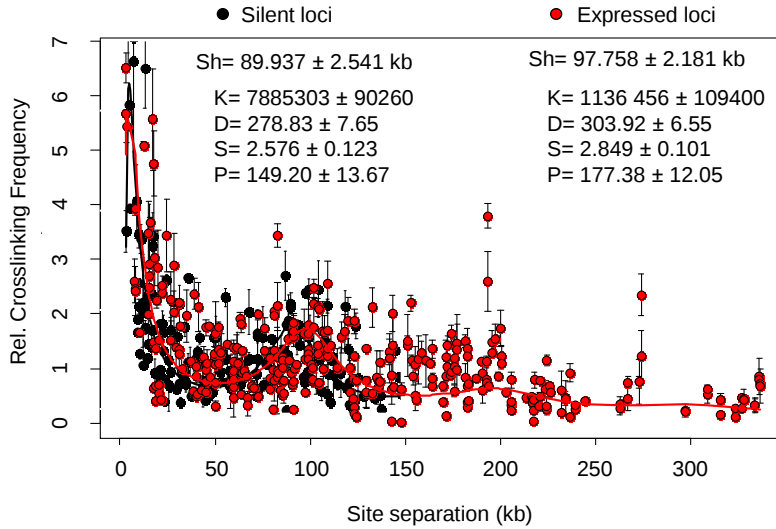




Additional data 5. Random collisions at silent vs expressed loci.

Data points represent collision frequencies determined at silent (*Dlk1/Emb/Lnp*; black circles) or expressed (*Usp22/Mtx2*; red circles) loci. Best fit of the statistical helix model (Eq.1 & 5) were performed for each dataset (black curve= silent loci; red curve=expressed loci). The value of best fit parameters for each data sets are indicated in the graph. Both the diameter (D) and the step (P) of the helix are larger in the expressed loci compared to the silent ones.