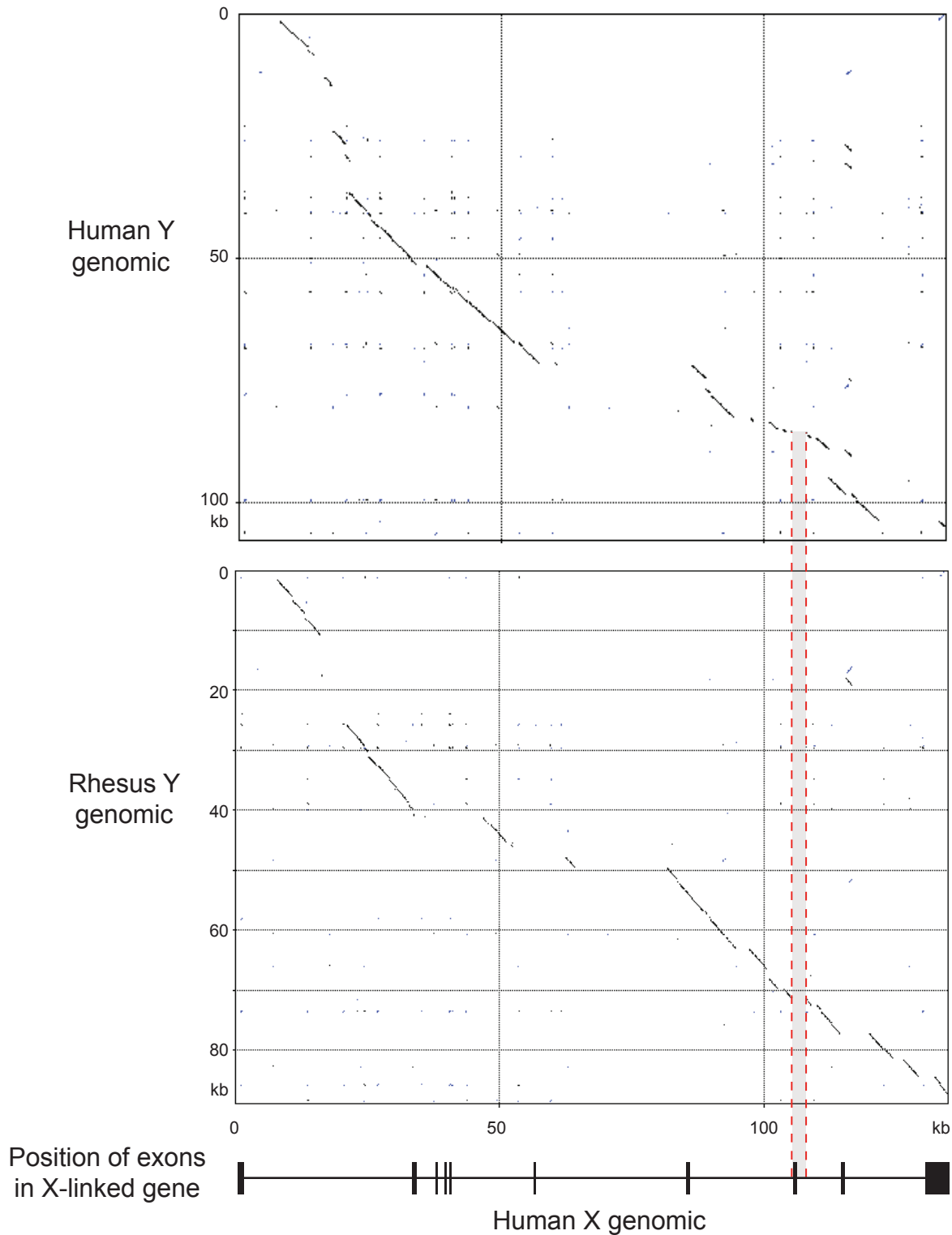


*STS vs. STSP (Stratum 4)*



**Supplementary Figure 15b** Analysis of MSY ancestral pseudogenes in rhesus and human. Y-linked *STSP* vs. X-linked *STS* dot-plot analyses. On X-axis, human *STS* genomic sequence. Exon-intron structure of gene is depicted below. On Y-axes, genomic Y sequence from human (top) and rhesus (bottom). For each plot, a dot represents 70% identity within a 100-bp window. *STSP* is a stratum 4 pseudogene. One deletion removing exon 8 (causing a frameshift and truncation of >200 amino acids in encoded protein) is common in human and rhesus (deleted region shaded, boundaries indicated by red dotted lines), indicating inactivation prior to OWM-ape split. Pattern in chimpanzee is nearly identical to that in human (not shown).