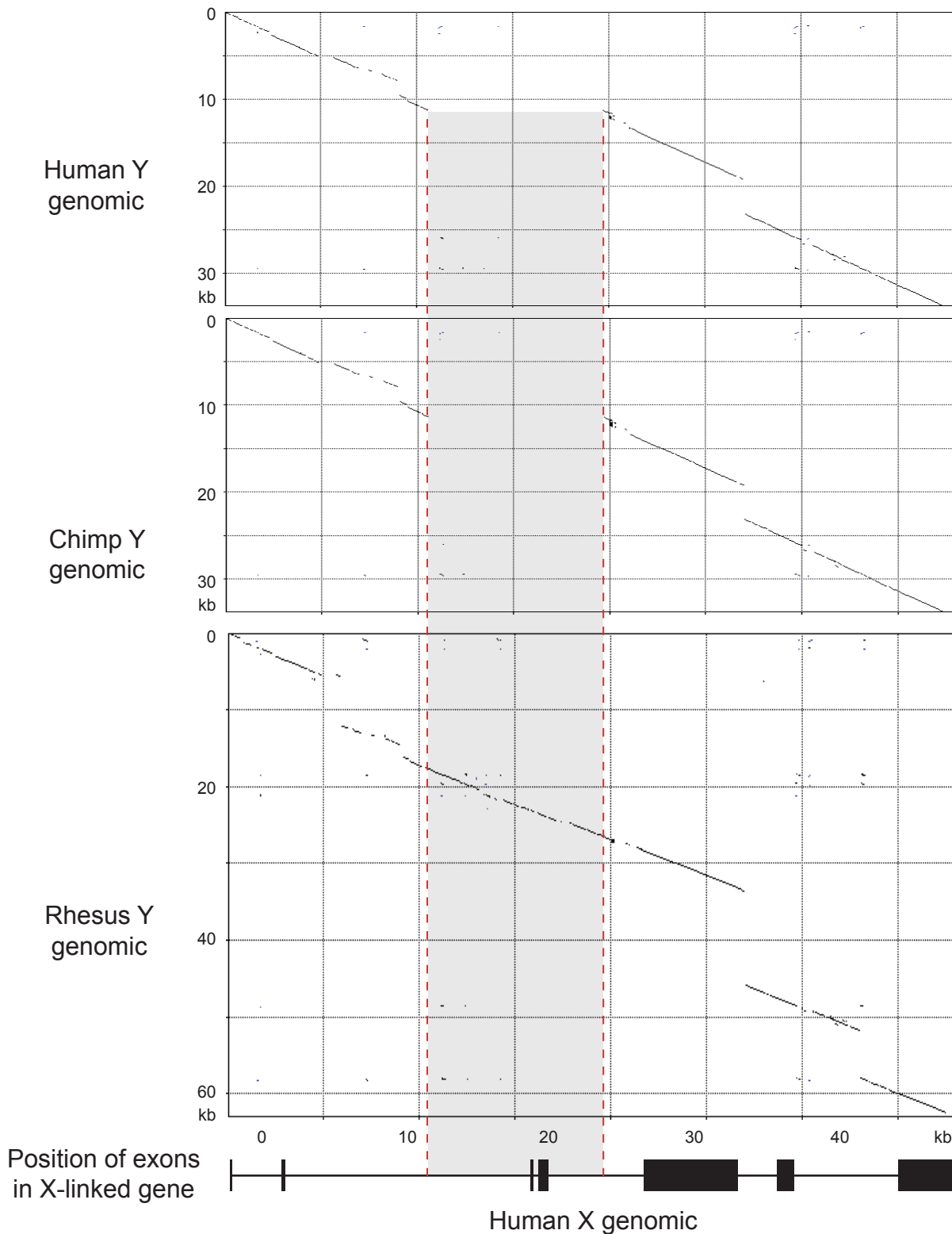


*MXRA5P/Y* (Stratum 5)



**Supplementary Figure 17** Y-linked *MXRA5P/Y* vs. X-linked *MXRA5* dot-plot analyses in rhesus, human and chimpanzee. On X-axis, human *MXRA5* genomic sequence. Exon-intron structure of gene is depicted below. On Y-axes, genomic Y sequence from human (top), chimpanzee (middle), and rhesus (bottom). For each plot, a dot represents 70% identity within a 100-bp window. One deletion removing exons 4 and 5 (causing a truncation of >160 amino acids in the encoded protein) is common in human and chimpanzee (deleted region shaded, boundaries indicated by red dotted lines), but corresponding region is intact in rhesus MSY, indicating inactivation after OWM-ape split but prior to human-chimpanzee split.