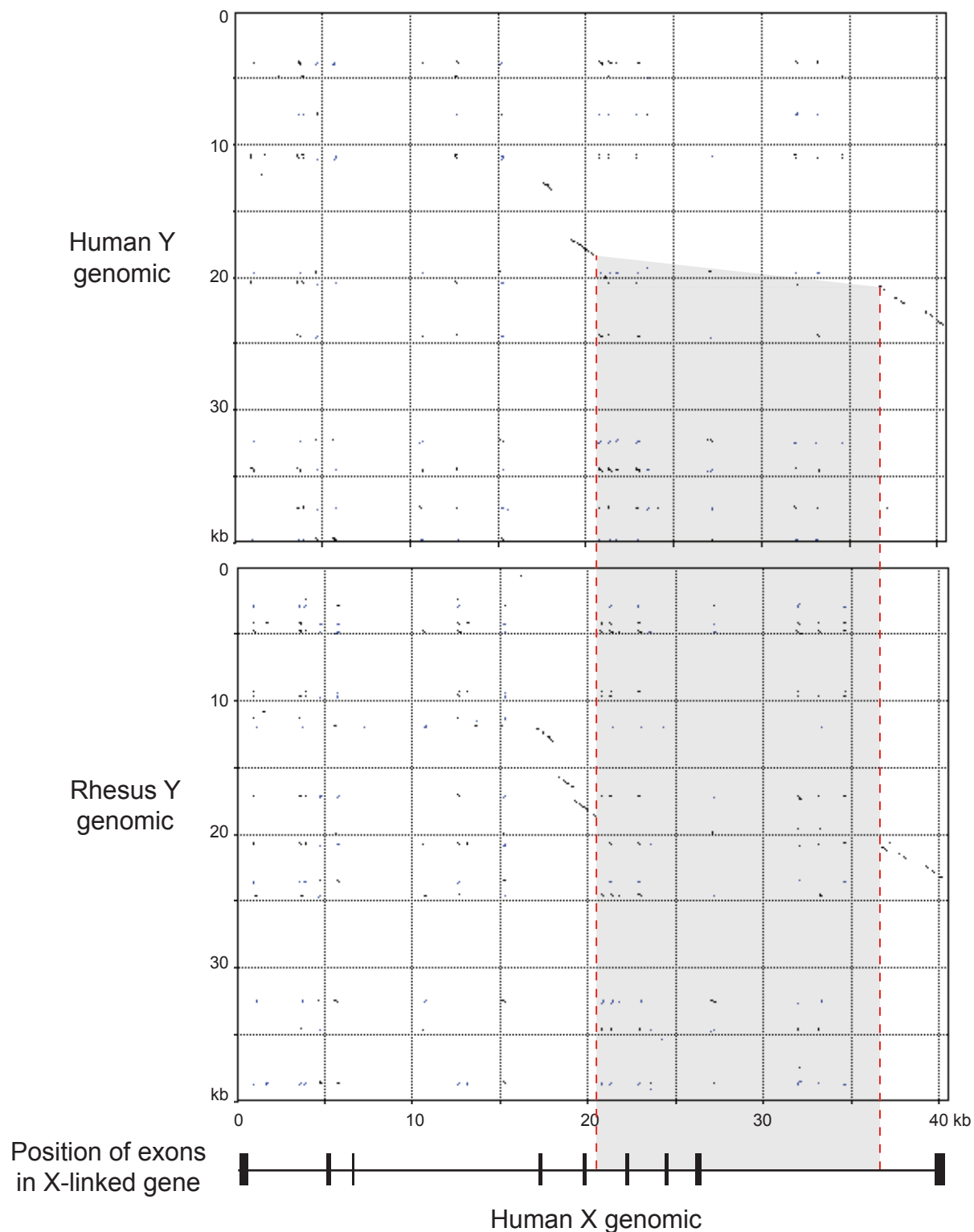


GPR143 vs. *GPR143P* (Stratum 4)



Supplementary Figure 15a Analysis of MSY ancestral pseudogenes in rhesus and human. Y-linked *GPR143P* vs. X-linked *GPR143* dot-plot analyses. On X-axis, human *GPR143* 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. *GPR143P* is a stratum 4 pseudogene. One large deletion removing exons 6-8 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).