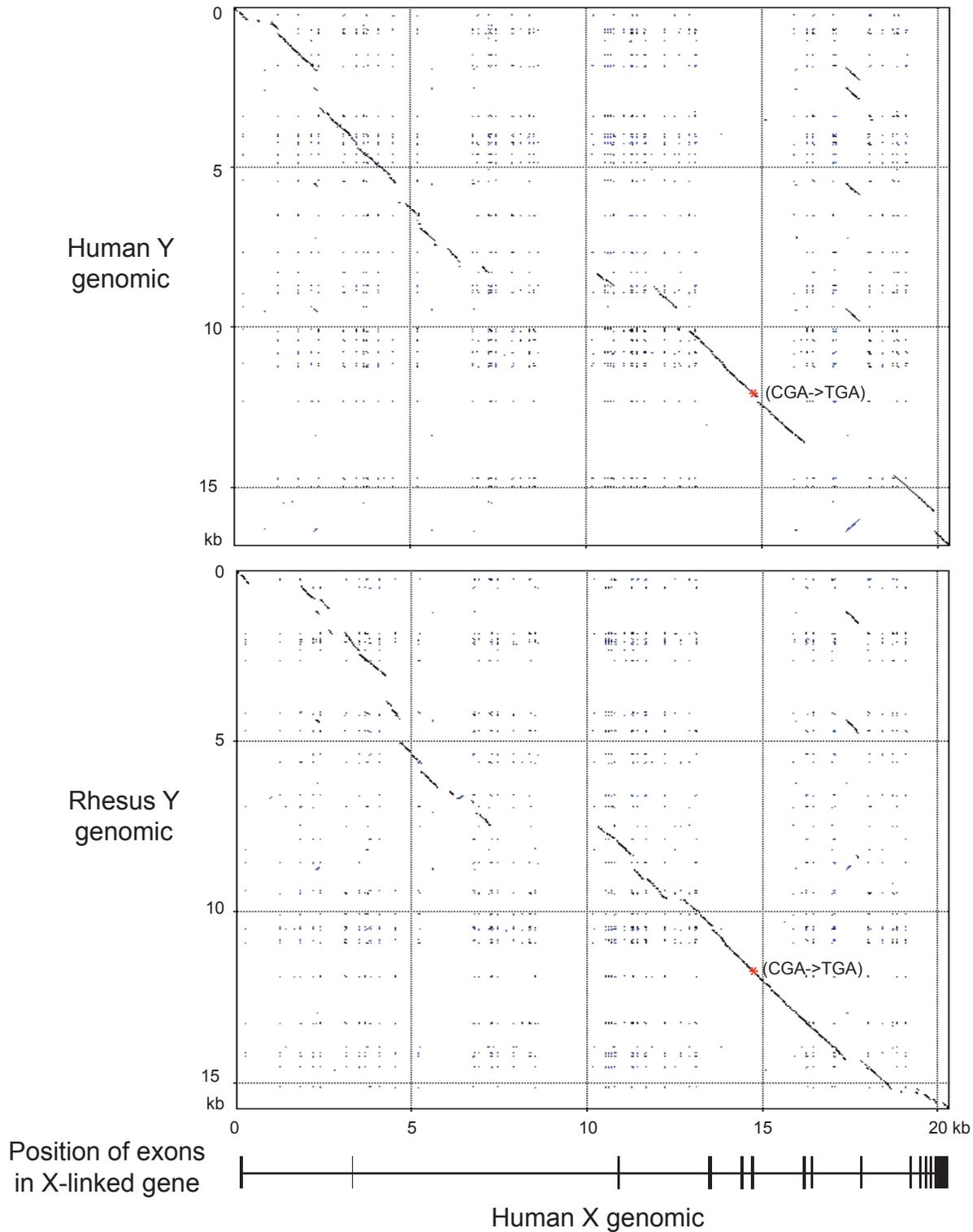


KAL vs. *KALP* (Stratum 4)



Supplementary Figure 15c Analysis of MSY ancestral pseudogenes in rhesus and human. Y-linked *KALP* vs. X-linked *KAL* dot-plot analyses. On X-axis, human *KAL* 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. *KALP* is a stratum 4 pseudogene. One premature stop mutation (truncates encoded protein by >400 amino acids) is common in human and rhesus (position indicated by red asterisk), indicating inactivation prior to OWM-ape split. Pattern in chimpanzee is nearly identical to that in human (not shown).