Supplementary Figure 1 Annotated sequence of rhesus MSY. Background colors represent five different sequence classes: pseudoautosomal (green); X-degenerate (yellow); ampliconic (blue); other (gray); and heterochromatic (pink stripes). Gaps shown in white. All sequence features and BACs drawn to scale. a. Positions of all intact, actively transcribed genes. Plus (+) strand above, minus (-) strand below. b. G+C content (%) calculated in a 100-kb sliding window with 1-kb steps. c. Alu, LINE, and endogenous retrovirus (ERV) densities, expressed as percentage of nucleotides, calculated in a 200-kb sliding window with 1-kb steps. d. Sequenced MSY BACs. Each bar represents the size and position of one BAC clone, labeled with the library identifier. BAC clones with no prefix are from the CHORI-250 library. BAC clones with prefix "R" are from the RMAEX library.