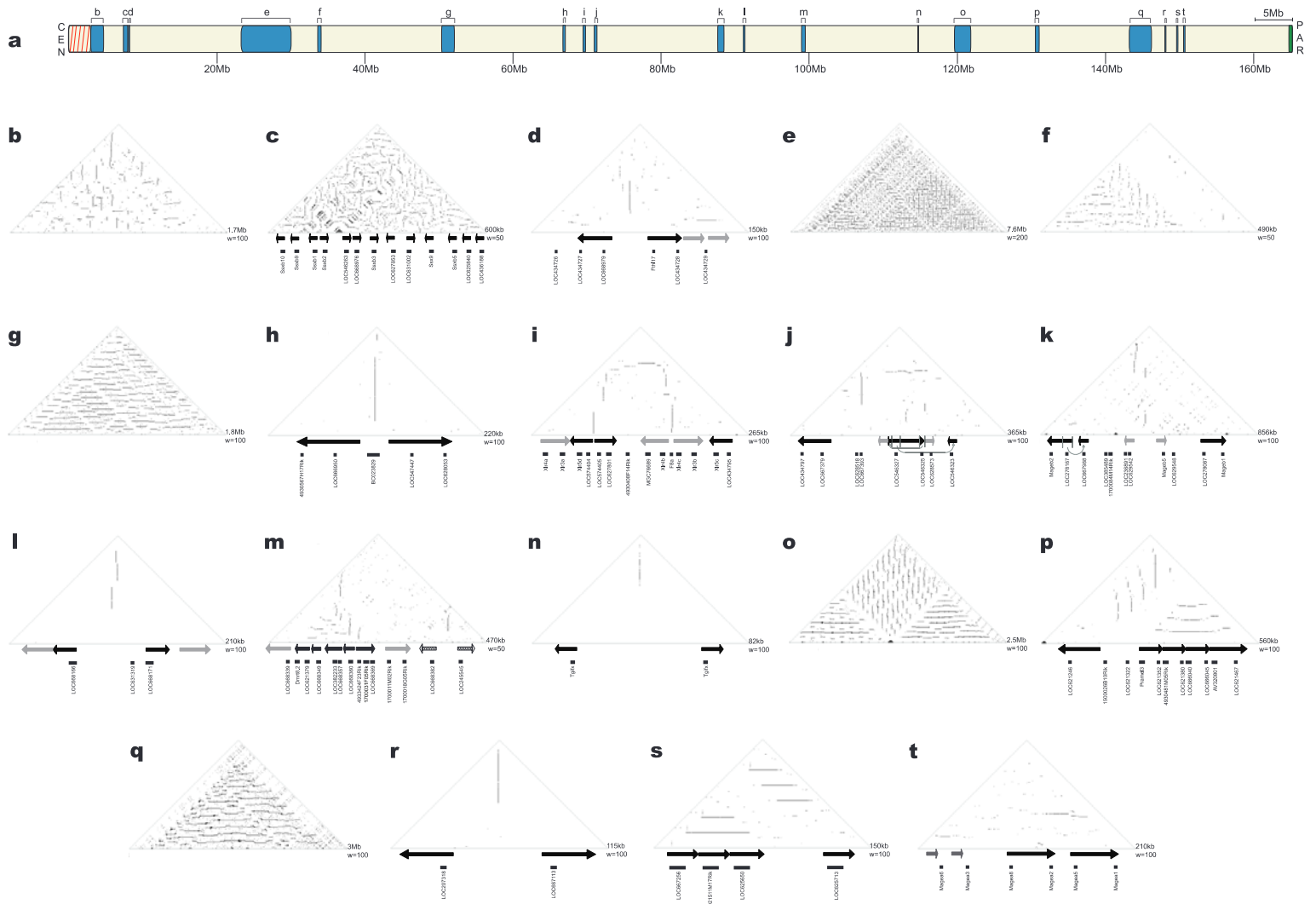


# Supplementary Figure 1



Triangular dot-plots of ampliconic regions containing testis-expressed genes. **a**, Bracketed ampliconic regions of the X chromosome are shown as dot-plots in panels **b-s**. Each dot represents 100% nucleotide identity in a 50, 100, or 200 window ( $w$ ). The region size examined is shown in the bottom right corner of each panel. Repetitive sequences are indicated with arrows in black, grey, and stripes denoting primary, secondary, and tertiary repeats for each region, respectively. In regions where the X chromosome is not completely assembled (panels **b**, **e**, **f**, **g**, **q**, **o**) no repeat arrows are shown. NCBI gene name identifiers for all ampliconic and spacer genes within contiguously assembled regions are listed underneath black squares which map the relative gene location within each region. Examples of truncated repeat units, and their region of similarity within a full-sized repeat unit, are shown with grey arrows in panels **j** and **k**. Ampliconic regions Amp14 and Amp15 are shown in a single dot plot (**m**).