



Supplementary Figure 3 Triangular dot-plots, based on SHIMS assemblies, of newly identified palindromic amplicons. **a**, An ampliconic region within chromosomal interval Xq28. Each dot represents 100% nucleotide identity within a window of 100 nucleotides. Direct repeats appear as horizontal lines, inverted repeats as vertical lines, and palindromes as vertical lines that nearly intersect the baseline; gaps are indicated by gray shading. Black arrows immediately below plots denote positions and orientations of amplicons. Newly identified amplicons are indicated with asterisks. Further below, sequenced clones from the CH-17 (haploid genome) library contributing to the assembly are depicted as red bars. Genbank accession numbers are in Supplementary Table 1. **b**, An ampliconic region within chromosomal interval Xp21.1. Each dot represents 100% nucleotide identity within a window of 50 nucleotides. Sequenced clones from the RP-11 (one male) library contributing to the assembly are depicted as green bars.