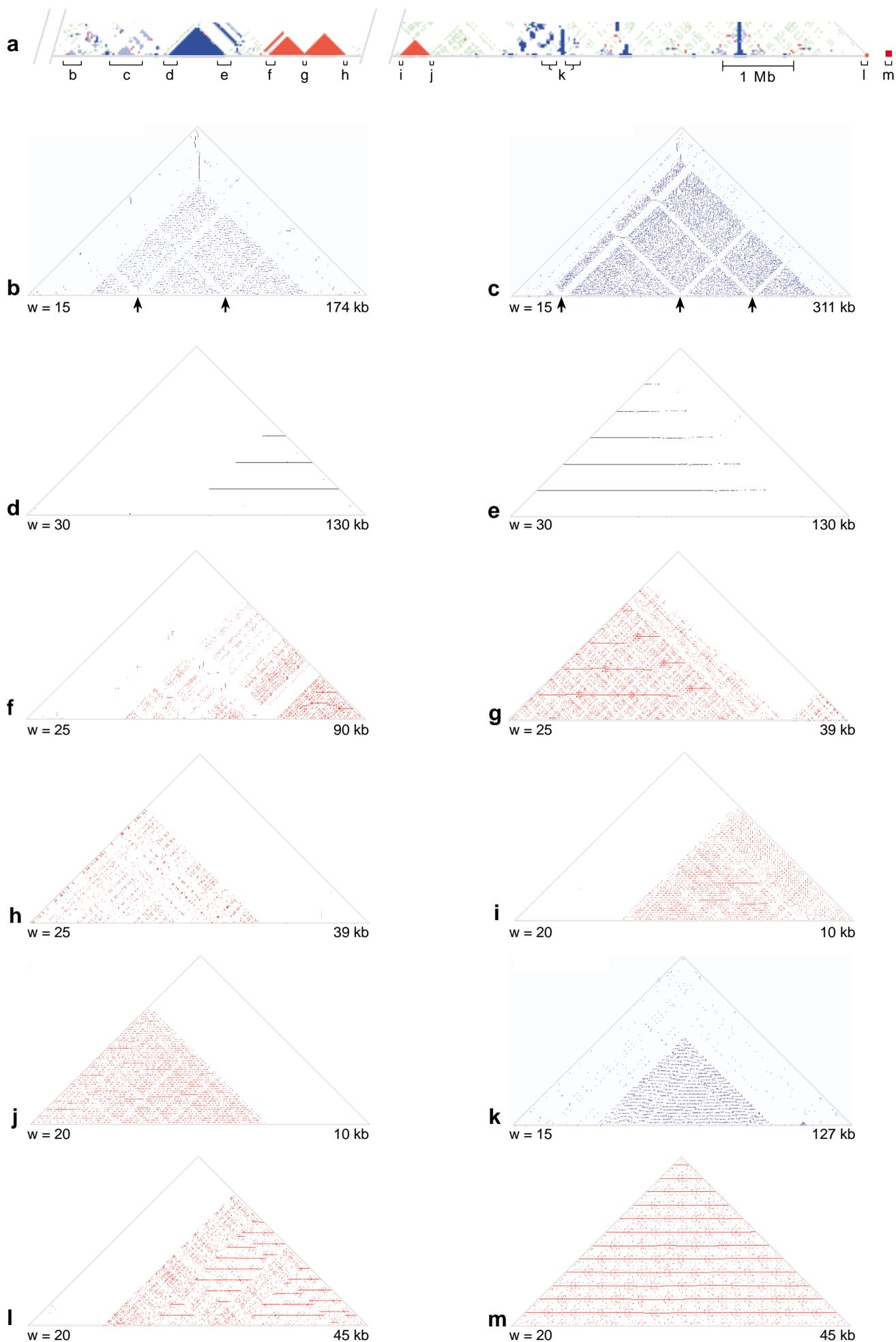


# Supplementary Figure 7



**Triangular dot-plot analyses of selected tandem repeats in ampliconic and heterochromatic regions.** **a**, Portions of the triangular dot-plot shown in Fig. 5a and, immediately below, brackets indicating 12 regions examined in greater detail in panels b-m. In panels b-m, each dot represents a perfect match in a window ( $w$ ) of 15, 20, 25, or 30 nucleotides, as indicated. In each panel, the length of the examined segment (in kb) is specified. **b**, The most distal NORF array on Yp. Arrows indicate sites of Alu or LINE-1 insertions. **c**, The largest NORF array. **d,e**, Distal and proximal boundaries, respectively, of the massive *TSPY* array. **f**, Yp boundary of the *DYZ3* (centromeric) array. **g**, Junction of two centromeric arrays, *DYZ3* and *DYZ17*. **h**, Yq boundary of the *DYZ17* array. **i,j**, Proximal and distal boundaries, respectively, of the *DYZ19* island. **k**, One of two nearly identical NORF arrays in the arms of palindrome P3. **l**, Proximal boundary of *DYZ18* array, marking proximal edge of Yq12 heterochromatin. **m**, Within a *DYZ1* array, in Yq12.