



Figure 3. IdicYp and isoYp Chromosomes Confirmed by Metaphase FISH

(A) Probe hybridization sites shown below chrY schematic. At right: Hybridization to chrY of normal male control produced expected pattern of red and green signals. Chromosome counterstained with DAPI (blue).

(B) Hybridizations to presumed idicYp chromosomes with breakpoints in Yq palindromes P8, P6, P5, P4, P3, and P1, or in IR2 inverted repeat. Hybridization sites are shown below schematic of each predicted idicYp; targeted palindrome or inverted repeat lies at the center of each schematic. At right: FISH produced predicted red-green-green-red patterns.

(C) Hybridization to presumed isoYp or idicYp chromosomes with breakpoints in heterochromatin. All FISH micrographs are at the same magnification.