

**Fig. S1.**  FISH results using BAC clones derived from cattle on *Mazama simplicicornis argentina* (MSA) chromosomes.(A) X chromosome labelled with BAC40H2 (red) and BACs 453C5 and 326C13 (green). (B) X chromosome labelled with BAC159O16 (red). (C) Hybridization with the BAC clones derived from the BTA1 (see the results).