Figure S3.—Y' elements are not essential for Type IA recombinant formation. (A) The structure of the left arm of chromosome III depicting the PCR-amplified probe (above fragment), the Eco RI (E) site, and the expected size of telomeric fragments (black) are shown. (B) Southern blot of DNA isolated from an [H][2][H]4 spore colony, mre11-470T tlc1Δ, at each stage of subculturing (s0-s7), as well as MRE11 TLC1 control strains, subjected to restriction digestion with EcoRI and probed with a 1053 bp telomere-proximal PCR-generated subtelomeric fragment on the left arm of chromosome III (cIII). This digest hybridizes to the telomeric species (see arrow on left) as well as multiple subtelomeric repeated fragments due to the homology of the probe with centromere proximal X-class repeats. Subtelomeric fragments, grey; telomeric fragments, black.