FIGURE S2.—Genomic characterization of KANMX4 ectopic integrants. A) Chromosome separation by CHEF and Southern blot analysis performed using SSU1 probe on Chr. XVI, HIS5 on Chr. IX and KANMX4 showing ectopic integration. San1, control strain. E13 and E42 are two ectopic clones obtained by LiAC transformation while E11 and E14 were obtained by spheroplast transformation. B) Gene copy number determination of genes located on Chr. XVI and Chr. IX showing that no variation in the diploid chromosome condition is present in the ectopic strains. The gene dosage of VMRI, located on chromosome VIII, but not involved in translocation, was also determined as control for the accuracy of our experiments. Each analyzed gene and ACT1 were co-amplified in the same PCR reaction and data were normalized as described in Figure 3.

San1: parental strain; E13, E42, E11 and E14, ectopic clones.
For other symbols and explanations see Figure 3.