A/ Locus FOX2

1/ fox2Δ::GUN (fox2Δ::URA3; ura3\(_{[\Delta360]}\))

2/ fox2Δ, ura3Δ (fox2Δ::npt; ura3\(_{[\Delta360]}\))

3/ fox2Δ (fox2Δ::npt; URA3)

4/ FOX2Re (fox2Δ::FOX2-URA3; ura3\(_{[\Delta360]}\))

5/ 6936 (wild-type)

B/ FOX2 probe

C/ URA3 probe

Figure S1.
Fig. S1. Southern blot analysis of the wild-type and fox2Δ strains. (A) Panel showing the genetic maps of the FOX2 (left panel) and URA3 (right panel) loci of three mutant strains (fox2Δ::GUN, fox2Δ ura3Δ, fox2Δ), of the reintegrant strain (FOX2Re), and of the wild-type strain (6936). Sequences homologous to FOX2 are colored in black, npt sequences (noncoding 327-bp fragments derived from the prokaryotic NPT1 gene encoding neomycin phosphotransferase) are shown in hatched box, sequences homologous to URA3 are colored in grey,