

Table S6 Plasmids.

Plasmid	Markers	Description	Reference
pHL423	amp, LEU2	Rep3 <i>nmt1</i> promoter, control plasmid lacking Hermes transposase	(1)
pHL2577	amp, URA3	Hermes donor with TIR's flanking <i>kanMX6</i>	(2)
pHL2578	amp, LEU2	rep81X <i>nmt1</i> promoter expressing wt Hermes transposase	(2)
pHL2612	amp, Ura4	URA4 cloned into pRO322 vector	(3)
pHL2806	amp, LEU2	A 2.2 kb Hind III fragment with LEU2 from REP81X was inserted into the 9.0 kb Hind III fragment of PON177{Kim, 2010 #4464}. This plasmid allows sporulation of Bioneer diploids.	this study
pHL2808	amp, Ura4	mmf1 gene PCR cloned into pHL2612	this study
pHL2809	amp, Ura4	mrpl16 gene PCR cloned into pHL2612	this study
pHL2810	amp, Ura4	mrpl19 gene PCR cloned into pHL2612	this study
pHL2825	amp, Ura4	SPBC2d10.08c gene PCR cloned into pHL2612	this study
pSLF124	amp, Ura4	carries genomic clone of <i>cdc19</i> to complement disruption of <i>cdc19</i> in FY243	gift of Susan Forsbrug

1. K. Maundrell, *Gene* **123**, 127 (1993).
2. A. G. Evertts, C. Plymire, N. L. Craig, H. L. Levin, *Genetics* **177**, 2519 (Dec, 2007).
3. C. Adams, D. Haldar, R. T. Kamakaka, *Yeast* **22**, 1307 (Dec, 2005).