

Table S2 List of genotyping primers used in this study.

Deleted ORF	Gene insertion	Primer sequence
<i>YKL069W</i>	TRSP	5'-TAGCGACAGAGTGGTTCAATTC-3' 5'-TCAATTTGGCGAACAGGGAATG-3'
<i>YER042W</i>	PSTK	5'-AGTGTTGCAGAATCGAGAAGAG-3' 5'-TCATAAATAAGGGCACGTACAC-3'
<i>YOL118C</i>	SECS	5'-ACACATACCAGGATGCTTCTTC-3' 5'-GCTGACTAATTTGAAGCTATCG-3'
<i>YLR123C</i>	SPS1	5'-ACAGCCAGAATCATAGACAAAC-3' 5'-TTCAGCTGATGTGCCATGTAAC-3'
<i>YER108C</i>	SPS2	5'-GATGTTAAGTCTTTTGCGGCAG-3' 5'-AAAGTCGTTGCTGTGAAAATGG-3'
<i>YCL033C</i>	SBP2	5'-AAGAATCCTTGGAGGCTTCAAC-3' 5'-GTCCACGATCTCAAACCTTTC-3'
<i>YKR012C</i>	SBP2L	5'-TTACACAACGCAAACACTACGTAC-3' 5'-TTAGGACCATCTTGCAATTTGAG-3'
<i>YDL242W</i>	EEFSEC	5'-TCAAGCGTTATGTCTTCGCACAC-3' 5'-GTTTCGATATTCGCACATTTGC-3'
<i>YGL109W</i>	SECP43	5'-ACAAGGAGTTCATGGAACAGAG-3' 5'-CAACTAAAGAGTACAACGTCC-3'
<i>YFR057W</i>	RPL30	5'-CTCTGACATCATTAGAAGCATG-3' 5'-AGATAACTCTGAACTGTGCATC-3'
<i>YDL227C</i>	cSPS2	5'-CTCTGTTCCCTCTCATATTTAC-3' 5'-CTACTCCAGCATTCTAGTTAAG-3'

SUPPLEMENTARY REFERENCES

- Alberti, S., A. D. Gitler, and S. Lindquist, 2007 A suite of Gateway cloning vectors for high-throughput genetic analysis in *Saccharomyces cerevisiae*. *Yeast* 24: 913-919.
- Goldstein, A. L., and J. H. McCusker, 1999 Three new dominant drug resistance cassettes for gene disruption in *Saccharomyces cerevisiae*. *Yeast* 15: 1541-1553.
- Sikorski, R. S., and P. Hieter, 1989 A system of shuttle vectors and yeast host strains designed for efficient manipulation of DNA in *Saccharomyces cerevisiae*. *Genetics* 122: 19-27.
- Wach, A., A. Brachat, R. Pohlmann, and P. Philippsen, 1994 New heterologous modules for classical or PCR-based gene disruptions in *Saccharomyces cerevisiae*. *Yeast* 10: 1793-1808.