

Supplementary Table 2: Yeast strains used in this study.

Yeast Strains				
Strain	Gene ID	Description	(Relevant) Genotype	Source
BY4741 (WT)		BY4741; Mat a Wild Type	BY4741: Mat a; his3D1; leu2D0; met15D0; ura3D0	Open Biosystems
pAG423 (empty)/BY4741 (WT)		Empty vector pAG423 in BY4741	BY4741: Mat a; his3D1; leu2D0; met15D0; ura3D0	This Work
BY4742 (WT)		BY4742; Mat α Wild Type	BY4742: Mat α ; his3D1; leu2D0; lys2D0; ura3D0	Open Biosystems
pAG423 (empty)/BY4742 (WT)		Empty vector pAG423 in BY4742	BY4742: Mat α ; his3D1; leu2D0; lys2D0; ura3D0	This Work
<i>scelo2</i>	ELO2, FEN1, YCR034w	Mat a haploid knockout strain	BY4741: Mat a; his3D1; leu2D0; met15D0; ura3D0; YCR034w::kanMX4	Open Biosystems
<i>scelo3</i>	ELO3, SUR4, YLR372w	Mat a haploid knockout strain	BY4741: Mat a; his3D1; leu2D0; met15D0; ura3D0; YLR372w::kanMX4	Open Biosystems
<i>scelo2; scelo3</i>	YCR034w, YLR372w	Heterozygous diploid knockout strain	BY4743: Mat a/alpha: his3D1/ his3D1; leu2D0/ leu2D0; lys2D0/LYS2; MET15/met15D0; ura3D0/ ura3D0; YCR034w::kanMX4; YLR372w::kanMX4	Campbell et al., 2019
<i>pScELO3/scelo2; scelo3</i>	YCR034w, YLR372w	Heterozygous diploid knockout strain sporulated to obtain haploid double knockout strain maintained by pScELO3 (pAG413, low-copy, URA3, <i>PELO3-ELO3</i>)	Sporulated BY4743; his3D1; leu2D0; met15D0; ura3D0::URA3/ZmKCS; YCR034w::kanMX4; YLR372w::hphMX4	This Work
<i>ZmKCS2/scelo2; scelo3</i>	Zm00001d039094	<i>ZmKCS2</i> complementing the <i>scelo2; scelo3</i> double knockout	Sporulated BY4743; his3D1; leu2D0; met15D0; ura3D0::URA3/ZmKCS; YCR034w::kanMX4; YLR372w::hphMX4	This Work
<i>ZmKCS4/scelo2; scelo3</i>	Zm00001d009608	<i>ZmKCS4</i> complementing the <i>scelo2; scelo3</i> double knockout	Sporulated BY4743; his3D1; leu2D0; met15D0; ura3D0::URA3/ZmKCS; YCR034w::kanMX4; YLR372w::hphMX4	This Work
<i>ZmKCS11/scelo2; scelo3</i>	Zm00001d016438	<i>ZmKCS11</i> complementing the <i>scelo2; scelo3</i> double knockout	Sporulated BY4743; his3D1; leu2D0; met15D0; ura3D0::URA3/ZmKCS; YCR034w::kanMX4; YLR372w::hphMX4	This Work
<i>ZmKCS15/scelo2; scelo3</i>	Zm00001d039053	<i>ZmKCS15</i> complementing the <i>scelo2; scelo3</i> double knockout	Sporulated BY4743; his3D1; leu2D0; met15D0; ura3D0::URA3/ZmKCS; YCR034w::kanMX4; YLR372w::hphMX4	This Work
<i>ZmKCS20/scelo2; scelo3</i>	Zm00001d046444	<i>ZmKCS20</i> complementing the <i>scelo2; scelo3</i> double knockout	Sporulated BY4743; his3D1; leu2D0; met15D0; ura3D0::URA3/ZmKCS; YCR034w::kanMX4; YLR372w::hphMX4	This Work

