

TABLE S1. Genotypes of yeast strains used in this study

Strain	Relevant genotype	Source
ORT2914	<i>MAT α</i> CEB1-1.8 <i>ARG4</i>	Lopes <i>et al.</i> 2006
ORT4840	<i>MAT α</i> <i>srs2::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORT4849	<i>MAT α</i> <i>sgs1::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORT4880	<i>MAT α</i> <i>rrm3::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORT4885	<i>MAT α</i> <i>mph1::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORT5084-2C	<i>MAT α</i> <i>pif1-m1</i> CEB1-1.8 <i>ARG4</i>	This study
ORT5085-1C	<i>MAT α</i> <i>pif1-m2</i> CEB1-1.8 <i>ARG4</i>	This study
ORT5083-4E	<i>MAT α</i> <i>pif1-K264R</i> CEB1-1.8 <i>ARG4</i>	This study
ORT5087-5E	<i>MAT α</i> <i>pif1-K264A</i> CEB1-1.8 <i>ARG4</i>	This study
ORT4841	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORT4843	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORD7557-10B	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-0.6 <i>ARG4</i>	This study
ORD7598-12C	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-3.0 <i>ARG4</i>	This study
ORT4841-4E1	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-3.5 <i>ARG4</i>	This study
ORD7569	<i>MAT α/α</i> <i>pif1::KanMX4/pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> / CEB1-1.8 <i>ARG4</i>	This study
ORT5086	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> + pJL76	This study
ORT4848	<i>MAT α</i> <i>pif1::KanMX4</i> <i>dna2::HygMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORT5604	<i>MAT α</i> CEB1-1.8 <i>ARG4</i> + pMD28	This study
ORT5606	<i>MAT α</i> CEB1-1.8 <i>ARG4</i> + pBK1	This study
ORT5614	<i>MAT α</i> CEB1-1.8 <i>ARG4</i> + pBK3	This study
ORT5602	<i>MAT α</i> CEB1-1.8 <i>ARG4</i> + pBK10	This study
ORT5608	<i>MAT α</i> CEB1-1.8 <i>ARG4</i> + pEAS20	This study
ORT5600	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> + pMD28	This study
ORT4896	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> + pBK1	This study
ORT4894	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> + pBK3	This study
ORT4892	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> + pBK10	This study
ORT4898	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-1.8 <i>ARG4</i> + pEAS20	This study
AND1228-2A	<i>MAT α</i> <i>pif1::KanMX4</i> hRAS1-2.1 <i>ARG4</i>	This study
AND1228-8C	<i>MAT α</i> <i>rad27::HIS3</i> hRAS1-2.1 <i>ARG4</i>	This study
ORT6009	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-1.8 <i>ARG4</i> + pMD28	This study
ORT6014	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-1.8 <i>ARG4</i> + pBK1	This study
ORT6013	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-1.8 <i>ARG4</i> + pBK3	This study
ORT6011	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-1.8 <i>ARG4</i> + pBK10	This study
ORT6016	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-1.8 <i>ARG4</i> + pEAS20	This study
ORD7574-11C	<i>MAT α</i> <i>rad51::LEU2</i> CEB1-1.8 <i>ARG4</i>	This study
ORD6786-4A	<i>MAT α</i> <i>rif1::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORD6713-8D	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-1.8 <i>ARG4</i>	Lopes <i>et al.</i> 2006
ORD7574-9B	<i>MAT α</i> <i>pif1::KanMX4</i> <i>rad51::LEU2</i> CEB1-1.8 <i>ARG4</i>	This study
ORD7565-2C	<i>MAT α</i> <i>pif1::KanMX4</i> <i>rad52::LEU2</i> CEB1-1.8 <i>ARG4</i>	This study
ORD9922-4B	<i>MAT α</i> <i>pif1::HIS3</i> <i>sgs1::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORD9304-9A	<i>MAT α</i> <i>pif1::HIS3</i> <i>rrm3::KanMX4</i> CEB1-1.8 <i>ARG4</i>	This study
ORD6708	<i>MAT α/α</i> <i>rad27::HIS3/rad27::HIS3</i> CEB1-1.8 <i>ARG4</i> / CEB1-0.6 <i>arg4bg</i>	Lopes <i>et al.</i> 2002
AND1207-9B	<i>MAT α</i> CEB1-WT-2.3 <i>ARG4</i>	This study
AND1212-10D	<i>MAT α</i> CEB1-WT-1.7 <i>ARG4</i>	This study
AND1213-1D	<i>MAT α</i> CEB1-WT-1.0 <i>ARG4</i>	This study
AND1202-13D-P14C3	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-WT-1.9 <i>ARG4</i>	This study
AND1202-11A	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-WT-1.7 <i>ARG4</i>	This study
AND1202-11A-L8C12	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-WT-1.3 <i>ARG4</i>	This study
ORT6108-4	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-WT-1.0 <i>ARG4</i>	This study
AND1218-1A	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-WT-1.7 <i>ARG4</i>	This study
ORT6110-1	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-WT-1.0 <i>ARG4</i>	This study
AND1206-5D	<i>MAT α</i> CEB1-Gmut-3.8 <i>ARG4</i>	This study
AND1227-5C	<i>MAT α</i> CEB1-Gmut-1.7 <i>ARG4</i>	This study
AND1206-4C	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-Gmut-3.8 <i>ARG4</i>	This study
AND1206-4C-1B6-1E1	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-Gmut-2.5 <i>ARG4</i>	This study
AND1206-4C-D11P2	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-Gmut-1.7 <i>ARG4</i>	This study
ORT6107-1	<i>MAT α</i> <i>pif1::KanMX4</i> CEB1-Gmut-0.7 <i>ARG4</i>	This study
AND1206-4B	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-Gmut-3.8 <i>ARG4</i>	This study
AND1226-18B/-17C	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-Gmut-1.7 <i>ARG4</i>	This study
ORT6109	<i>MAT α</i> <i>rad27::HIS3</i> CEB1-Gmut-0.7 <i>ARG4</i>	This study