

**Table S1****Strains Used in this Study**

<b>Strain</b>	<b>Genotype</b>	<b>Reference</b>
FGSC 2489	74-OR23-1V A (WT)	FGSC
328-4	A, <i>ras-1</i> <sup>bd</sup>	Froehlich et al., 2002
94-40	A, <i>ras-1</i> <sup>bd</sup> <i>frq</i> <sup>9</sup>	Loros et al., 1986
<i>frq</i> <sup>10</sup> , <i>frqccg-2</i>	A, <i>ras-1</i> <sup>bd</sup> , <i>frq</i> <sup>10</sup> , <i>his-3</i> <sup>+</sup> :: <i>pfrqccg-2</i>	Kramer et al., 2003
FGSC8594	a, <i>his-3</i> , <i>dim-2</i> :: <i>hph</i>	FGSC
FGSC14805	a, <i>NCU03060</i> :: <i>hph</i> , <i>mus52</i> :: <i>Bar</i>	Colot et al., 2006
FGSC9014	A, <i>rid</i> <sup>-</sup> , <i>his-3</i> <sup>-</sup>	FGSC
FGSC9015	a, <i>rid</i> <sup>-</sup> , <i>his-3</i> <sup>-</sup>	FGSC
FGSC9014 (pVG110)	A, <i>rid</i> <sup>-</sup> , <i>his-3</i> <sup>+</sup> :: <i>pVG110</i>	Lorrondo et al.
FGSC9015 (pVG110)	a, <i>rid</i> <sup>-</sup> , <i>his-3</i> <sup>+</sup> :: <i>pVG110</i>	Lorrondo et al.
XG-1	a, <i>mus52</i> :: <i>hph</i> , <i>ras-1</i> <sup>bd</sup>	Lorrondo et al.
XB99-1 ( $\Delta chd1$ )	a, <i>NCU03060</i> :: <i>hph</i>	This Study
XB98-3	a, <i>dim-2</i> :: <i>hph</i> , <i>ras-1</i> <sup>bd</sup>	This Study
XB100-9	A, <i>rid</i> <sup>-</sup> , <i>NCU03060</i> :: <i>hph</i>	This Study
XB105-13	A, <i>rid</i> <sup>-</sup> , <i>NCU03060</i> :: <i>hph</i> , <i>his-3</i> <sup>+</sup> :: <i>pVG110</i>	This Study