

**Table S1** Fission yeast strains used in this study

Strain	Genotype	Reference
HM123	<i>h<sup>-</sup> leu1-32</i>	Our stock
KP456	<i>h<sup>-</sup> leu1-32 ura4-D18</i>	Our stock
KP928	<i>h<sup>+</sup> his2 leu1-32 ura4-D18</i>	Our stock
KP207	<i>h<sup>+</sup> his2 leu1-32</i>	Our stock
KP91087	<i>h<sup>+</sup> leu1-32 ade6 ura4-D18 tsc2::KanMX<sub>4</sub></i>	(KIM et al. 2010)
KP90390	<i>h<sup>+</sup> leu1-32 ade6 ura4-D18 npr2::KanMX<sub>4</sub></i>	(KIM et al. 2010)
KP93006	<i>h<sup>+</sup> leu1-32 ade6 ura4-D18</i>	(KIM et al. 2010)
KP5131	<i>h<sup>-</sup> leu1-32 tsc2::KanMX<sub>4</sub></i>	This study
KP5236	<i>h<sup>+</sup> leu1-32 npr2::KanMX<sub>4</sub></i>	This study
KP5080	<i>h<sup>-</sup></i>	This study
KP5128	<i>h<sup>-</sup> tsc2::KanMX<sub>4</sub></i>	This study
KP5237	<i>h<sup>-</sup> npr2::KanMX<sub>4</sub></i>	This study
KP5395	<i>h<sup>-</sup> ura4-D18 tsc2::ura4<sup>+</sup></i>	(MATSUMOTO et al. 2002)
KP5482	<i>h<sup>-</sup> leu1-32 tor2-287</i>	(HAYASHI et al. 2007)
KP5734	<i>h<sup>+</sup> tor2-287</i>	This study
KP5637	<i>h<sup>+</sup> tor2-287 tsc2::KanMX<sub>4</sub></i>	This study
KP5579	<i>h<sup>+</sup> tor2-287 npr2::KanMX<sub>4</sub></i>	This study
KP5875	<i>h<sup>-</sup> tor2<sup>S1837E</sup>::KanMX</i>	(NAKASHIMA et al. 2010)
KP5873	JUP1350 <i>h<sup>90</sup> tor2<sup>L1310P</sup>::KanMX</i>	(URANO et al. 2007)
KP5874	JUP1352 <i>h<sup>90</sup> tor2<sup>E2221K</sup>::KanMX</i>	(URANO et al. 2007)

KP5490	<i>h<sup>+</sup>ura4-D18 tsc2::ura4<sup>+</sup> npr2::KanMX<sub>4</sub></i>	This study
KP5750	<i>h<sup>-</sup>leu1-32 ura4-D18 cat1::ura4<sup>+</sup></i>	This study
KP6029	<i>h<sup>-</sup>ura4-D18 cat1::ura4<sup>+</sup> tsc2::KanMX<sub>4</sub></i>	This study
KP6031	<i>h<sup>+</sup>ura4-D18 cat1::ura4<sup>+</sup> npr2::KanMX<sub>4</sub></i>	This study
KP6033	<i>h<sup>+</sup>ura4-D18 tor2-287 cat1::ura4<sup>+</sup></i>	This study
KP6034	<i>h<sup>+</sup>ura4-D18 cat1::ura4<sup>+</sup></i>	This study
KP2233	<i>h<sup>+</sup>leu1-32 his2 ura4-D18 fkh1::ura4<sup>+</sup></i>	(Sio <i>et al.</i> 2005)
KP5585	<i>h<sup>-</sup>leu1-32 ura4-D18 fkh1::ura4<sup>+</sup> npr2::KanMX<sub>4</sub></i>	This study
KP5855	<i>h<sup>-</sup>leu1-32 ura4-D18 tsc2::ura4<sup>+</sup> npr2::KanMX<sub>4</sub></i>	This study
KP5859	<i>h<sup>+</sup>ura4-D18 Cat1-GFP:ura4<sup>+</sup></i>	This study
KP5822	<i>h<sup>+</sup>ura4-D18 npr2::KanMX<sub>4</sub> Cat1-GFP:ura4<sup>+</sup></i>	This study
KP5826	<i>h<sup>+</sup>ura4-D18 tsc2::KanMX<sub>4</sub> Cat1-GFP:ura4<sup>+</sup></i>	This study
KP5955	<i>h<sup>+</sup>ura4-D18 tor2-287 Cat1-GFP:ura4<sup>+</sup></i>	This study
KP5903	<i>h<sup>-</sup>gtr1::KanMX<sub>6</sub></i>	(VALBUENA <i>et al.</i> 2012)
KP5904	<i>h<sup>-</sup>ura4-D18 gtr2::ura4<sup>+</sup></i>	(VALBUENA <i>et al.</i> 2012)
KP5914	<i>h<sup>+</sup>ura4-D18 tor2-287</i>	This study
KP5968	<i>h<sup>+</sup>ura4-D18 gtr2::ura4<sup>+</sup> tor2-287</i>	This study
KP5974	<i>h<sup>+</sup>ura4-D18 gtr2::ura4<sup>+</sup> npr2::KanMX<sub>4</sub></i>	This study
KP6385	<i>h<sup>-</sup>ura4-D18 tor2-287 npr2::KanMX<sub>4</sub> Cat1-GFP:ura4<sup>+</sup></i>	This study
KP6366	<i>h<sup>-</sup>npr2::natMX<sub>6</sub></i>	This study
KP6402	<i>h<sup>-</sup>npr2::natMX<sub>6</sub> tor2<sup>S1837E</sup>:KanMX</i>	This study

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