

Table S1. *S. pombe* strains used in this study.

Strain (JTB#)	Genotype	Source
80-2	<i>set1Δ::kanMX6 ade6-M216 h+</i>	Ref. 10
97	<i>htb1-K119R::kanMX6 ade6 leu1-32 h-</i>	Ref. 10
142	<i>h- set2Δ::hphMX6 ade6</i>	Ref. 66
299	<i>cdk9as::kanMX6 leu1-32 ura4-D18 his3-D1 ade6-M210 h+</i>	Ref. 24
331	<i>brl2Δ::hphMX4 ade6-M210 h-</i>	Ref. 10
362	<i>leu1-32 ura4-D18 his3-D1 ade6-M210 h+</i>	Ref. 24
386	<i>brl2Δ::hphMX4 ade6 cdk9as::kanMX6 h? leu1? ura4?</i>	Ref. 24
408	<i>cdk9as::kanMX6 set1Δ::kanMX6 h?</i>	This study
414	<i>h+ cph1Δ::kanMX4 ade6-M216 ura4 D18 leu1-32</i>	This study
425	<i>cdk9as::natMX6 leu1-32 ura4-D18 his3-D1 ade6-M210 h+</i>	This study
443	<i>spt5(7)::ura4+ cdk9as::natMX6 ade6 ura4-D18 leu1-32 h-</i>	This study
444	<i>spt5-T1A(7)::ura4+ cdk9as::natMX6 ade6 ura4-D18 leu1-32 h-</i>	This study
508	<i>cdk9as::natMX6 htb1-K119R::kanMX6 ade6 leu1? ura4? h?</i>	Ref. 24
618	<i>h? hrp3Δ::LEU2 htb1-K119R::kanMX6 ade6 leu1-32 ura4?</i>	This study
636	<i>h- hrp3Δ::LEU2 ade6 leu1-32 ura4?</i>	K. Ekwall
154	<i>h? set2Δ::hphMX6 htb1-K119R::kanMX6 ade6</i>	This study
640	<i>cph1Δ::hphMX6 htb1-K119R::kanMX6 ade6 leu1-32 ura4-D18 h?</i>	This study
736	<i>spt5-T1A(7)::ura4+; cdk9as::natMX6 htb1-K119R::kanMX6 ade6 leu1-32 ura4-D18 his3? h?</i>	This study
738-2	<i>spt5(7)::ura4+; cdk9as::natMX6 htb1-K119R::kanMX6 ade6 leu1-32 ura4-D18 his3? h?</i>	This study
621	<i>h+ alp13Δ::hphMX6 ade6-M216 ura4 D18 leu1-32</i>	This study

622	<i>h+ cph1Δ::hphMX6 ade6-M216 ura4 D18 leu1-32</i>	This study
752	<i>htb1-K119R::hphMX6 ade6 leu1-32 ura4D-18 h+</i>	This study
442	<i>cdk9as::natMX6 set2Δ::hphMX6 leu1? ura4-D18 his3? ade6 h?</i>	This study
505	<i>cdk9as::natMX6 cph1Δ::kanMX4 ade6 ura4-D18 leu1-32 his3? h?</i>	This study
639	<i>cdk9as::kanMX6 hrp3Δ::LEU2 ade6 leu1-32 ura4? his3? h?</i>	This study
837	<i>h- pst2-myc::natMX6</i>	E. Hidalgo PG76
838	<i>cdk9as::kanMX6 pst2-myc::natMX6 h?</i>	This study
842	<i>cdk9as::kanMX6 pst2-myc::natMX6 htb1-K119R::hphMX6 h?</i>	This study
MS265	<i>spt5::13myc::kanMX6 htb1-FLAG::natMX6 leu1-32 ura4-D18 his3-D1 ade6-M21X h+</i>	Ref. 24
873	<i>rrp6Δ::kanMX6 h+</i>	This study
989	<i>h- leu1-32 ura4-D18 dcr1Δ::hygMX6</i>	A. Morillon
990	<i>h- exo2Δ::kanMX4</i>	A. Morillon