

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

Strain	Genotype	Source
RD1936	<i>h+ ura4-D18 leu1-32</i>	P. Nurse's Lab
RD 2806	<i>h- bub1::leu1+ ura4-D18 leu1-32</i>	I. Hagan's Lab
RD 1000	<i>h+ pmk1::ura4+ ura4-D18 leu1-32</i>	M. Balasubramanian's Lab
RD 1215	<i>h+ mkh1::ura4+ leu1-32 ura4-D18</i>	M. Balasubramanian's Lab
RD 3611	<i>h- pek1::ura4+ leu1-32 ura4-D18</i>	M. Balasubramanian's Lab
RD 1057	<i>h- pek1DD:ura4+ nda3-KM311 ade6-M216</i>	J. Cansado's Lab
RD 3321	<i>h- pmk1::KanMX pmk1HA6His (K52E):leu1+ leu1-32 ura4-D18 ade6-M216</i>	J. Cansado's Lab
RD 363	<i>h- mad2::ura4+ ura4-D18 leu1-32</i>	P. Nurse's Lab
RD 988	<i>h mad3::ura4+ ura4-D18</i>	T. Toda's Lab
RD 989	<i>h mad1::ura4+ ura4-D18 leu1-32</i>	P. Nurse's Lab
RD 981	<i>h mph1::ura4+ ura4-D18 leu1-32</i>	P. Nurse's Lab
RD 3407	<i>h+ pmk1::KanMX mad2::ura4+</i>	This work
RD 3330	<i>h+ pmk1::ura4+ mad3::ura4+ leu1-32 ura4-D18</i>	This work
RD 488	<i>h- nda3-KM311 ura4-D18 leu1-32</i>	P. Nurse's Lab
RD 3214	<i>h+ mad2::ura4+ nda3-KM311 ura4-D18</i>	This work
RD 5727	<i>h+ pmk1::ura4+ nda3-KM311</i>	This work
RD 3989	<i>h pmk1::ura4+ mad2::ura4+ nda3-KM311</i>	This work
RD 6085	<i>h pmk1::ura4+ mad3::ura4+ nda3-KM311</i>	This work
RD 4561	<i>h- slp1-mr63 leu1-32 ura4-D18</i>	K. Hardwick's Lab
RD 4559	<i>h- pmk1::ura4+ slp1-mr63 leu1-32 ura4-D18</i>	This study
RD 2261	<i>h+ mad1-GFP:his+ cnp1-mCherry:KanMX leu1-32 ura4-D18</i>	R.R. Daga's Lab
RD 3132	<i>h+ pmk1::ura4+mad1-GFP:his+ cnp1-mCherry:KanMX ura4-D18</i>	This work
RD 368	<i>h- mad2-GFP:KanMX ura4-D18 leu1-32</i>	P. Nurse's Lab
RD 3317	<i>h- pmk1::ura4+ mad2-GFP:KanMX ura4-D18</i>	This work
RD 2121	<i>h+ mad3-GFP:his3+ leu1-32 ura4-D18 ade6-M216</i>	K. Hardwick's Lab
RD 4067	<i>h pmk1::ura4+ mad3-GFP:his leu1-32</i>	This study
RD 408	<i>h- bub1-GFP:KanMX leu1-32 ura4-D18</i>	P. Nurse's Lab
RD1005	<i>h- pmk1::ura4+ bub1-GFP:KanMX leu1-32 ura4-D18</i>	R.R. Daga's Lab
RD 2352	<i>h bub3-GFP:his+ leu1-32 ura4-D18</i>	K. Hardwick's Lab
RD 4281	<i>h pmk1::ura4+ bub3-GFP:His ura4-D18</i>	This work
RD 3173	<i>h- bub1::ura4+ mad1-GFP:his+ cnp1-mCherry:KanMX ura4-D18</i>	This work
RD 2213	<i>h- bub1::leu1+ mad2-GFP: KanMX cnp1-mCherry:KanMX ura4-D18 leu1-32</i>	R.R. Daga's Lab
RD 4069	<i>h bub1::ura4+ mad3-GFP:his+ ura4-D18 leu1-32</i>	This work
RD 6802	<i>h bub1::ura4+ Bub3-GFP:his+ cnp1-mCherry:KanMX ura4-D18</i>	This work
RD 5827	<i>h slp1-HA: KanMX mad3-GFP:his+ nda3-KM311 ura4-D18 leu1-32</i>	This work
RD 5828	<i>h pmk1::ura4+ slp1-HA: KanMX mad3-GFP:his+ nda3-KM311 ura4-D18 leu1-32</i>	This work

RD 5109	<i>h lid1-TAP:KanMX mad3-GFP:his+ nda3-KM311 ura4-D18 leu1-32</i>	This work
RD 5111	<i>h pmk1::ura4+ lid1-TAP:KanMX mad3-GFP:his+ nda3-KM311 ura4-D18 leu1-32</i>	This work
RD 2315	<i>h+ slp1-HA:KanMX leu1-32 ura4-D18</i>	K. Hardwick's Lab
RD 3459	<i>h+ pmk1:: ura4+ slp1-HA:KanMX leu1-32</i>	This work
RD 5729	<i>h cdc25-22 slp1-HA:KanMX ade6</i>	This work
RD 3675	<i>h- pmk1:: ura4+ cdc25-22 slp1-HA:KanMX</i>	This work
RD 5098	<i>h+ slp1-HA:KanMX nda3-KM311</i>	This work
RD 5099	<i>h+ pmk1:: ura4+ slp1-HA:KanMX nda3-KM311</i>	This work
RD 4077	<i>h- pINTL41x-slp1-HA:ura4+</i>	This work
RD 4117	<i>h- pINTL41x-slp1-HA:ura4+ nda3-KM311 leu1-32</i>	This work
MI301	<i>h- pmk1::ura4 pmk1-GFP:leu1+ ura4-D18 leu1-32</i>	J. Cansado's Lab
RD 5201	<i>h- pmk1::ura4+ pmk1-GFP:leu1+ slp1-HA:KanMX nda3-KM311</i>	This work
RD 5743	<i>h- pek1::ura4+ pmk1::ura4+ pmk1-GFP:leu1+ slp1-HA:KanMX nda3-KM311</i>	This work
RD 5525	<i>h+ pmk1::ura4+ pmk1-GFP:leu1+ slp1-MAPK Docking site-HA:KanMX nda3-KM311</i>	This work
RD 5511	<i>h+ pmk1::ura4+ slp1-MAPK Docking site-HA: KanMX ura4-D18 leu1-32</i>	This work
RD 5505	<i>h- slp1-MAPK Docking site-HA:KanMX nda3-KM311</i>	This work
RD 6189	<i>h mad2-GFP:KanMX slp1-MAPK Docking site-HA: KanMX nda3-KM311</i>	This work
RD 6083	<i>h slp1-MAPK Docking site-HA:KanMX mad3-GFP:his+ nda3-KM311 ura4-D18 leu1-32</i>	This work
TK107	<i>h- leu 1-32 ura4-D18 sty1+:: ura4+</i>	T. Kato's Lab
TK108	<i>h- his1-102 leu 1-32 ura4-D18 wis1+::his1+</i>	T. Kato's Lab
RD 6195	<i>h- pmk1::NatMX sty1::ura4+ slp1-HA:KanMX nda3-KM311</i>	This work
MI200	<i>h⁺ pmk1-HA6H:ura4⁺ ura4D-18 leu1-32 ade6-M216</i>	J. Cansado's Lab