

Table S1 Yeast strains used in this study

strain name	mating type	genotype	source
DDY904	<i>MATα</i>	<i>his3Δ200 lys2-801 ura3-52 leu2-3,112</i> (wild-type)	Drubin/Barnes Lab
DDY4445	<i>MATα</i>	<i>GFP-TUB1::URA3</i>	Woodruff et al., 2009
DDY4446	<i>MATα</i>	<i>GFP-TUB1::URA3 she1Δ::LEU2</i>	Woodruff et al., 2009
DDY4447	<i>MATα</i>	<i>MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	Woodruff et al., 2010
DDY4213	<i>MATα</i>	<i>MYO1-GFP::HIS3 GFP-TUB1::URA3 she1Δ::LEU2</i>	Woodruff et al., 2010
DDY4407	<i>MATα</i>	<i>sho1Δ::KanMX MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4408	<i>MATα</i>	<i>pbs2Δ::LEU2 MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4409	<i>MATα</i>	<i>hog1Δ::KanMX MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4410	<i>MATα</i>	<i>boi1Δ::LEU2 MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4411	<i>MATα</i>	<i>boi2Δ::HIS3 MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4412	<i>MATα</i>	<i>sho1Δ::KanMX GFP-TUB1::URA3</i>	this study
DDY4413	<i>MATα</i>	<i>pbs2Δ::LEU2 GFP-TUB1::URA3</i>	this study
DDY4414	<i>MATα</i>	<i>hog1Δ::KanMX GFP-TUB1::URA3</i>	this study
DDY4415	<i>MATα</i>	<i>boi1Δ::LEU2 GFP-TUB1::URA3</i>	this study
DDY4416	<i>MATα</i>	<i>boi2Δ::HIS3 GFP-TUB1::URA3</i>	this study
DDY4417	<i>MATα</i>	<i>BOI1-GFP::TRP1</i>	Jeff Woodruff
DDY4418	<i>MATα</i>	<i>BOI2-GFP::KanMX</i>	Anthony Cormier, Drubin/Barnes Lab
DDY4419	<i>MATα</i>	<i>sho1Δ::KanMX BOI1-GFP::TRP1</i>	this study
DDY4420	<i>MATα</i>	<i>pbs2Δ::LEU2 BOI1-GFP::TRP1</i>	this study
DDY4421	<i>MATα</i>	<i>hog1Δ::KanMX BOI1-GFP::TRP1</i>	this study
DDY4422	<i>MATα</i>	<i>she1Δ::LEU2 BOI1-GFP::TRP1</i>	Jeff Woodruff, Drubin/Barnes Lab
DDY4423	<i>MATα</i>	<i>sho1Δ::KanMX BOI2-GFP::KanMX</i>	this study
DDY4424	<i>MATα</i>	<i>pbs2Δ::LEU2 BOI2-GFP::KanMX</i>	this study
DDY4425	<i>MATα</i>	<i>hog1Δ::KanMX BOI2-GFP::KanMX</i>	this study
DDY4426	<i>MATα</i>	<i>she1Δ::LEU2 BOI2-GFP::KanMX</i>	this study
DDY4448	<i>MATα</i>	<i>SHE1-3GFP::HIS3</i>	Woodruff et al., 2009
DDY4427	<i>MATα</i>	<i>sho1Δ::KanMX SHE1-3GFP::HIS3</i>	this study
DDY4428	<i>MATα</i>	<i>pbs2Δ::LEU2 SHE1-3GFP::HIS3</i>	this study
DDY4429	<i>MATα</i>	<i>hog1Δ::KanMX SHE1-3GFP::HIS3</i>	this study
DDY4430	<i>MATα</i>	<i>boi1Δ::LEU2 SHE1-3GFP::HIS3</i>	this study
DDY4431	<i>MATα</i>	<i>boi2Δ::HIS3 SHE1-3GFP::HIS3</i>	this study
DDY4432	<i>MATα</i>	<i>HOG1-GFP::KanMX</i>	this study
DDY4449	<i>MATα</i>	<i>SHE1-13MYC::HIS3</i>	Woodruff et al., 2010

Table S1 Yeast strains used in this study (continued)

strain name	mating type	genotype	source
DDY4433	<i>MATa</i>	<i>she1-2A-13MYC::HIS3::URA3::she1Δ::LEU2</i>	this study
DDY4434	<i>MATa</i>	<i>hog1-as::hphNT1 MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4435	<i>MATa</i>	<i>she1-2A::URA3::she1Δ::LEU2 MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4436	<i>MATa</i>	<i>hog1-as::hphNT1 SHE1-3GFP::HIS</i>	this study
DDY4437	<i>MATa</i>	<i>cdc15-2 CDC14-GFP::KanMX mCherry-TUB1::URA3</i>	this study
DDY4438	<i>MATa</i>	<i>cdc15-2 hog1Δ::KanMX CDC14-GFP::KanMX mCherry-TUB1::URA3</i>	this study
DDY4439	<i>MATa</i>	<i>cdc15-2 pbs2Δ::LEU2 CDC14-GFP::KanMX mCherry-TUB1::URA3</i>	this study
DDY4440	<i>MATa</i>	<i>cdc15-2 she1Δ::LEU2 CDC14-GFP::KanMX mCherry-TUB1::URA3</i>	this study
DDY4441	<i>MATα</i>	<i>pCDC3-GFP::URA3</i> in DDY 904	this study
DDY4442	<i>MATα</i>	<i>pCDC3-GFP::URA3</i> in <i>sho1Δ::KanMX</i>	this study
DDY4443	<i>MATa</i>	<i>pCDC3-GFP::URA3</i> in <i>hog1Δ::KanMX</i>	this study
DDY4444	<i>MATa</i>	<i>pCDC3-GFP::URA3</i> in <i>pbs2Δ::LEU2</i>	this study
DDY4691	<i>MATa</i>	<i>she1Δ::LEU2 hog1Δ::KanMX MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4692	<i>MATa</i>	<i>kip3Δ::KanMX hog1Δ::KanMX MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4693	<i>MATa</i>	<i>cdh1Δ::KanMX hog1Δ::KanMX MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4694	<i>MATa</i>	<i>MTW1-GFP::HIS3 MYO1-GFP::HIS3</i>	this study
DDY4695	<i>MATα</i>	<i>she1Δ::LEU2 MTW1-GFP::HIS3 MYO1-GFP::HIS3</i>	this study
DDY4696	<i>MATα</i>	<i>hog1Δ::KanMX MTW1-GFP::HIS3 MYO1-GFP::HIS3</i>	this study
DDY4206	<i>MATα</i>	<i>SHE1-3GFP::HIS3 mCherry-TUB1::URA3</i>	Woodruff et. al 2010
DDY4697	<i>MATα</i>	<i>sho1Δ::KanMX SHE1-3GFP::HIS3 mCherry-TUB1::URA3</i>	this study
DDY4698	<i>MATα</i>	<i>pbs2Δ::LEU2 SHE1-3GFP::HIS3 mCherry-TUB1::URA3</i>	this study
DDY4799	<i>MATα</i>	<i>hog1Δ::KanMX SHE1-3GFP::HIS3 mCherry-TUB1::URA3</i>	this study
DDY4700	<i>MATα</i>	<i>boi1Δ::LEU2 SHE1-3GFP::HIS3 mCherry-TUB1::URA3</i>	this study
DDY4701	<i>MATα</i>	<i>boi2Δ::HIS3 SHE1-3GFP::HIS3 mCherry-TUB1::URA3</i>	this study
DDY4702	<i>MATa</i>	<i>cdc15-2</i> (backcrossed)	this study
DDY4703	<i>MATa</i>	<i>pbs2Δ::LEU2 cdc15-2</i>	this study
DDY4704	<i>MATa</i>	<i>hog1Δ::KanMX cdc15-2</i>	this study
DDY4705	<i>MATa</i>	<i>she1Δ::LEU2 cdc15-2</i>	this study
DDY4706	<i>MATa</i>	<i>she1-2A::URA3::she1Δ::LEU2</i>	this study
DDY4707	<i>MATa</i>	<i>she1-2D::URA3::she1Δ::LEU2</i>	this study
DDY4708	<i>MATa</i>	<i>she1-2D::URA3::she1Δ::LEU2 hog1Δ::KanMX</i>	this study
DDY4709	<i>MATα</i>	<i>she1-2D::URA3::she1Δ::LEU2 hog1Δ::KanMX MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study
DDY4710	<i>MATa</i>	<i>she1-2D::URA3::she1Δ::LEU2 hog1-as::hphNT1 MYO1-GFP::HIS3 GFP-TUB1::URA3</i>	this study

Table S1 Yeast strains used in this study (continued)

strain name	mating type	genotype	source
DDY4711	<i>MATa</i>	<i>hog1Δ::KanMX SHE1-13MYC::HIS3</i>	this study
DDY4712	<i>MATa</i>	<i>she1-2A::URA3::she1Δ::LEU2 GFP-TUB1::URA3</i>	this study
DDY4713	<i>MATa</i>	<i>hog1-as::hphNT1 GFP-TUB1::URA3</i>	this study
DDY4714	<i>MATa</i>	<i>she1-2D::URA3::she1Δ::LEU2 hog1Δ::KanMX GFP-TUB1::URA3</i>	this study
DDY4715	<i>MATa</i>	<i>she1-2D::URA3::she1Δ::LEU2 hog1-as::hphNT1 GFP-TUB1::URA3</i>	this study

References:

Woodruff, J. B., D. G. Drubin, and G. Barnes, 2009 Dynein-driven mitotic spindle positioning restricted to anaphase by She1p inhibition of dynactin recruitment. *Mol. Biol. Cell.* 20: 3003-3011.

Woodruff, J. B., D. G. Drubin, and G. Barnes, 2010 Mitotic spindle disassembly occurs via distinct subprocesses driven by the anaphase-promoting complex, Aurora B kinase, and kinesin-8. *J. Cell Biol.* 191: 795-808.