Table S1. Yeast strains used to obtain the data shown in the Figures S1 to S6.

Strain	Genotype	Reference
GFY-140	BY4741; *cdc10Δ::Hyg^R + pJT2022*	This study
GFY-87	BY4741; *cdc10Δ::Kan^R shs1Δ::SHS1::eGFP::Nat^R + pJT2022*	This study
GFY-137	BY4741; *cdc10Δ::Kan^R shs1Δ::Hyg^R + pJT2022*	This study
BY4741	*MAT**a** leu2Δ ura3Δ met15Δ his3Δ*	(BRACHMANN *et al.* 1998)
GFY-568	BY4741; *cdc11Δ::CDC11::Hyg^R + pJT1520*	This study
GFY-58	BY4741; *cdc11Δ::CDC11::mCherry::SpHIS5 + pJT1520*	This study
GFY-153	BY4741; *cdc11Δ::Kan^R + pJT1520*	This study
GFY-310	BY4741; *cdc10Δ::Kan^R shs1Δ::shs1(S221D)::eGFP::Nat^R + pJT2022*	This study
GFY-188	BY4741; *cdc10Δ::Kan^R shs1Δ::shs1(S221A)::eGFP::Nat^R + pJT2022*	This study
GFY-293	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::SHS1::eGFP::Nat^R + pJT1520*	This study
GFY-166	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::Hyg^R + pJT1520*	This study
GFY-292	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::shs1(S221D)::eGFP::Nat^R + pJT1520*	This study
GFY-294	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::shs1(S221A)::eGFP::Nat^R + pJT1520*	This study
GFY-302	BY4741; *cdc12Δ::cdc12(K391N Δ392-407)::Hyg^R shs1Δ::SHS1::eGFP::Nat^R + pJT1622*	This study

GFY-139	BY4741; *cdc12Δ::cdc12(K391N Δ392-407)::Hyg^R shs1Δ::Kan^R + pJT1622*	This study
GFY-297[i]	BY4741; *cdc12Δ::cdc12(K391N Δ392-407)::Hyg^R shs1Δ::shs1(S221D)::eGFP::Nat^R + pJT1622*	This study
GFY-298	BY4741; *cdc12Δ::cdc12(K391N Δ392-407)::Hyg^R shs1Δ::shs1(S221A)::eGFP::Nat^R + pJT1622*	This study
GFY-160	BY4741; *cdc11Δ::CDC11::mCherry::SpHIS5^R shs1Δ::SHS1::eGFP::Nat^R + pJT1520*	This study
GFY-147	BY4741; *cdc11Δ::Kan^R shs1Δ::SHS1::eGFP::Nat^R + pJT1520*	This study
GFY-163	BY4741; *cdc11Δ::Kan^R shs1Δ::Hyg^R + pJT1520*	This study
GFY-923	BY4741; *cdc11Δ::Kan^R shs1Δ::shs1(S221A)::eGFP::Nat^R + pJT1520*	This study
GFY-951	BY4741; *cdc11Δ::Kan^R shs1Δ::shs1(S221D)::eGFP::Nat^R + pJT1520*	This study
YFR-387	BY4742; *hof1Δ::Kan^R + pJT4836*	This study
GFY-934	BY4742; *hof1Δ::Kan^R shs1Δ::Hyg^R + pJT4836*	This study
GFY-971	BY4741; *hof1Δ::Kan^R shs1Δ::SHS1::eGFP::Nat^R + pJT4836*	This study
GFY-978	BY4741; *hof1Δ::Kan^R shs1Δ::shs1(Δ349-551)::eGFP::Nat^R + pJT4836*	This study
GFY-966	BY4741; *hof1Δ::Kan^R shs1Δ:::shs1(S350A T351A T386A S416A S441A S447A T454A S460A T462A S519A S520A S521A S522A S525A S529A S530A T539A T541A S545A)::eGFP::Nat^R + pJT4836*	This study
GFY-42	BY4741; *cdc10Δ::CDC10::mCherry::SpHIS5*	This study

GFY-395	BY4741; *cdc10Δ::cdc10(H24A R25A K28A K29A)::mCherry::SpHIS5*	This study
GFY-164	BY4741; *cdc11Δ::CDC11::mCherry::SpHIS5^{R} shs1Δ::Hyg^{R}* + *pJT1520*	This study
GFY-1024	BY4741; *cdc11Δ::cdc11(Δ2-18 R19A)::mCherry::SpHIS5* + *pJT1520*	This study
GFY-1062	BY4741; *cdc11Δ::cdc11(Δ2-18 R19A)::mCherry::SpHIS5 shs1Δ::Hyg^{R}* + *pJT1520*	This study
GFY-1061	BY4741; *cdc11Δ::cdc11(Δ2-18 R19A)::mCherry::SpHIS5 shs1Δ::shs1(Δ2-18Δ K19A R20A)::eGFP::Nat^{R}* + *pJT1520*	This study
GFY-1022	BY4741; *cdc11Δ::Kan^{R} shs1Δ::shs1(Δ2-18 K19A R20A)::eGFP::Nat^{R}* + *pJT1520*	This study
GFY-93	BY4741; *cdc10Δ::Kan^{R} shs1Δ::shs1(Δ2-18)::eGFP::Nat^{R}* + *pJT2022*	This study
GFY-249	BY4741; *cdc10Δ::Kan^{R} shs1Δ::shs1(R13A R14A K15A K16A K19A R20A)::eGFP::Nat^{R}* + *pJT2022*	This study
GFY-1021	BY4741; *cdc10Δ::Kan^{R} shs1Δ::shs1(Δ2-18Δ K19A R20A)::eGFP::Nat^{R}* + *pJT2022*	This study
GFY-161	BY4741; *cdc11Δ::cdc11(Δ2-1Δ)::mCherry::SpHIS5^{R} shs1Δ::shs1(Δ2-18)::eGFP::Nat^{R}* + *pJT1520*	This study
GFY-162	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::shs1(Δ349-551)::eGFP::Nat^{R}* + *pJT1520*	This study
GFY-532	BY4741; *cdc11Δ::CDC11::Hyg^{R} shs1Δ::SHS1::eGFP::Nat^{R}* + *pJT1520*	This study
GFY-533	BY4741; *cdc11Δ::cdc11(Δ2-18)::Hyg^{R} shs1Δ::shs1(Δ2-*	This study

	18)::eGFP::Nat^R + pJT1520	
GFY-534	BY4741; *cdc11Δ::cdc11(Δ357-415)::Hyg^R shs1Δ::shs1(Δ349-551)::eGFP::Nat^R + pJT1520*	This study
GFY-724	BY4741; *cdc11Δ::CDC11::Hyg^R shs1Δ::Kan^R + pJT1520*	This study
GFY-725	BY4741; *cdc11Δ::cdc11(Δ2-18)::Hyg^R shs1Δ::Kan^R + pJT1520*	This study
GFY-726	BY4741; *cdc11Δ::cdc11(Δ357-415)::Hyg^R shs1Δ::Kan^R + pJT1520*	This study
GFY-681	BY4741; *cdc11Δ::cdc11(G29D)::SpHIS5 + pJT1520*	This study
GFY-694	BY4741; *cdc11Δ::cdc11(Δ2-18 G29D)::SpHIS5 + pJT1520*	This study
GFY-675	BY4741; *cdc11Δ::cdc11(G29D Δ357-415)::SpHIS5 + pJT1520*	This study
GFY-94	BY4741; *cdc10Δ::Kan^R shs1Δ::shs1(Δ349-551)::eGFP::Nat^R + pJT2022*	This study
GFY-644	BY4741; *cdc10Δ::Kan^R shs1Δ::Sc_shs1(1-339)::Ag_shs1(336-580)::eGFP::Nat^R + pJT2022*	This study
GFY-655	BY4741; *cdc10Δ::Kan^R shs1Δ::Ag_shs1(1-335)::Sc_shs1(340-551)::eGFP::Nat^R + pJT2022*	This study
GFY-643	BY4741; *cdc10Δ::Kan^R shs1Δ::Ag_shs1(1-580)::eGFP::Nat^R + pJT2022*	This study
GFY-615	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::Sc_shs1(1-339)::Ag_shs1(336-580)::eGFP::Nat^R + pJT1520*	This study
GFY-571	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::Ag_shs1(1-335)::Sc_shs1(340-551)::eGFP::Nat^R +*	This study

	pJT1520	
GFY-614	BY4741; *cdc11Δ::cdc11(Δ357-415)::mCherry::SpHIS5 shs1Δ::Ag_shs1(1-580)::eGFP::Nat^R* + *pJT1520*	This study
GFY-149	BY4741; *cdc11Δ::Kan^R shs1Δ::shs1(Δ349-551)::eGFP::Nat^R* + *pJT1520*	This study
GFY-639	BY4741; *cdc11Δ::Kan^R shs1Δ::Sc_shs1(1-339)::Ag_shs1(336-580)::eGFP::Nat^R* + *pJT1520*	This study
GFY-637	BY4741; *cdc11Δ::Kan^R shs1Δ::Ag_shs1(1-335)::Sc_shs1(340-551)::eGFP::Nat^R* + *pJT1520*	This study
GFY-683	BY4741; *cdc11Δ::Kan^R shs1Δ::Ag_shs1(1-580)::eGFP::Nat^R* + *pJT1520*	This study