

Table S2 Yeast strains

Strain	Genotype	Figures
DLY640	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5</i>	1C,1D,4B,5B,S1,S2
DLY4557	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5</i>	1A,4A,S2,S4
DLY4719	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sgs1Δ::KanMX</i>	1A
DLY4921	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 exo1::LEU2</i>	1A
DLY4910	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sgs1Δ::KanMX exo1Δ::LEU2</i>	1A
DLY4647	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3</i>	1A
DLY4720	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1Δ::KanMX</i>	1A
DLY4922	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 exo1Δ::LEU2</i>	1A
DLY4912-4914	<i>MATa/α cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1::KanMX exo1Δ::LEU2</i>	1A,1C,1D,4A,4B,S2,S3,S4
DLY5275-5280	<i>MATa/α cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1::KanMX exo1Δ::LEU2</i>	S3
DLY4918	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1::KanMX exo1Δ::LEU2</i>	1D,4A,S1,S2,S4,S12
DLY3926	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 pDL17</i>	S3
DLY1628	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 tlc1Δ::HIS3 p::URA3::TLC1</i>	4
DLY5260/5261	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1</i>	2,3,S7,S8,S9
DLY5123/5262	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 sgs1Δ::KanMX</i>	2,3,S7,S8,S9
DLY5263/5264	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 rad9Δ::HIS3</i>	2,3,S7,S8,S9
DLY5265/5266	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 exo1Δ::LEU2</i>	2,3,S7,S8,S9
DLY5269/5270	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 sgs1Δ::KanMX exo1Δ::LEU2</i>	2,3,S7,S8,S9
DLY5267/5268	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 rad9Δ::HIS3 sgs1Δ::KanMX</i>	2,3,S7,S8,S9
DLY5131/5132	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 rad9Δ::HIS3 exo1Δ::LEU2</i>	2,3,S7,S8,S9
DLY5272/5273	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 cdc15-2 bar1 rad9Δ::HIS3 sgs1Δ::KanMX exo1Δ::LEU2</i>	2,3,S7,S8,S9
DDY337	<i>MATa/Mata ade2-1/ade2-1 trp1-1/trp1-1 can1-100/can1-100 leu2-3,112/leu2-3,112 his3-11,15/his3-11,15 ura3/ura3 GAL+/GAL+ psi+/psi+ ssd1-d2/ssd1-d2 RAD5/RAD5 cdc13Δ::hphMX/CDC13 sgs1::KanMX/SGS1 exo1Δ::leu2/EXO1 rad9Δ::HIS3/RAD9</i>	5,S10
DLY4721	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sgs1Δ::KanMX</i>	S1
DLY1273	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 exo1::LEU2</i>	S1
DLY4915	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sgs1::KanMX exo1Δ::LEU2</i>	S1
DLY4724	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1::KanMX</i>	S1
DLY1698	<i>MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 exo1Δ::LEU2</i>	S1
DLY6189	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sae2:TRP1</i>	S5
DLY6190	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sae2:TRP1 exo1Δ::LEU2</i>	S5
DLY6192	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sae2:TRP1 rad9Δ::HIS3</i>	S5
DLY6194	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sae2:TRP1 rad9Δ::HIS3 sgs1Δ::KanMX</i>	S5
DLY6198	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sae2:TRP1 rad9Δ::HIS3 exo1Δ::LEU2</i>	S5
DLY6221	<i>MATa cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 sae2:TRP1 sgs1Δ::KanMX</i>	S5
DLY5886/5887	<i>MATa/α ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1::KanMX exo1Δ::LEU2 rad52Δ::TRP1</i>	S4
DLY5888/5889	<i>MATa/α cdc13-1int ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL+ psi+ ssd1-d2 RAD5 rad9Δ::HIS3 sgs1::KanMX exo1Δ::LEU2 rad52Δ::TRP1</i>	S4