

**Table S2. List of yeast strains.** They are listed by order of appearance in the manuscript.

Name	Description	Genotype	Background	Source
yJG373	<i>BDF1::TRP1</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>BDF1::TRP1</i> "	SK1	This study
yJG387	<i>bdf1-bd1Δ</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-bd1Δ::TRP1(591-827 deleted)</i> "	SK1	This study
yJG389	<i>bdf1-bd2Δ</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-bd2Δ::TRP1(855-1091 deleted)</i> "	SK1	This study
yJG372	<i>bdf1-bd1Δ-bd2Δ</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-bd1Δ-bd2Δ::TRP1(591-827, 855-1091 deleted)</i> "	SK1	This study
yJG341	<i>bdf1-Y187F</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-Y187F::TRP1</i> "	SK1	This study
yJG342	<i>bdf1-Y354F</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-Y354F::TRP1</i> "	SK1	This study
yJG349	<i>bdf1-Y187F-Y354F</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-Y187F-Y354F::TRP1</i> "	SK1	This study
yJG178	WT	MATa ura3 leu2::hisG trp1::hisG lys2 ho::LYS2 met4-445 <i>his3Δ</i>	SK1	Ed Winter
yJG302	Bdf1-TAP	MATa ura3 leu2::hisG trp1::hisG lys2 ho::LYS2 met4-445 <i>his3Δ BDF1-TAP::HIS3MX6</i>	SK1	This study
yJG306	Bdf2-TAP	MATa ura3 leu2::hisG trp1::hisG lys2 ho::LYS2 met4-445 <i>his3Δ BDF2-TAP::HIS3MX6</i>	SK1	This study
yJG360	Bdf1-TAP <i>bdf2Δ</i>	MATa ura3 leu2::hisG trp1::hisG lys2 ho::LYS2 met4-445 <i>his3Δ BDF1-TAP::HIS3MX6 bdf2Δ::KANMX4</i>	SK1	This study
yJG408	Bdf2-TAP <i>bdf1Δ</i>	MATa ura3-SK1 leu2::hisG trp1::hisG lys2 ho::LYS2 met4-445 <i>his3Δ BDF2-TAP::HIS3MX6 bdf1Δ::KANMX4</i>	SK1	This study
yJG122	WT	MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0	BY4741 (s288c)	Open Biosystems
yJG300	Bdf1-TAP	MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 <i>BDF1-TAP::HIS3MX6</i>	BY4741	Open Biosystems
yJG407	Swr1-TAP	MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 <i>SWR1-TAP::HIS3MX6</i>	BY4741	Open Biosystems
yJG336	Bdf1-TAP <i>yaf9Δ</i>	MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 <i>BDF1-TAP::HIS3MX6 yaf9::KANMX4</i>	BY4741	This study
yJG156	<i>bdf1Δ</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1::KANMX4</i> "	SK1	This study
yJG391	<i>bdf2Δ</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf2::KANMX4</i> "	SK1	This study

yJG426	<i>yaf9</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>yaf9::KANMX4</i>	SK1	This study
yJG427	<i>swr1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>swr1::KANMX4</i>	SK1	This study
yJG441	<i>bdf2-bd1</i> Δ- <i>bd2</i> Δ-TAP	MATa/alpha ura3-SK1/" leu2::hisG/" trp1::hisG/" lys2/" ho::LYS2/" met4-445/" <i>his3</i> Δ/" <i>bdf2-BD1</i> Δ- <i>BD2</i> Δ-TAP::HIS3/"	SK1	This study
yJG442	<i>bdf2-ET</i> Δ- TAP	MATa/alpha ura3-SK1/" leu2::hisG/" trp1::hisG/" lys2/" ho::LYS2/" met4-445/" <i>his3</i> Δ/" <i>bdf2-ET</i> Δ-TAP::HIS3	SK1	This study
yJG438	<i>bdf1-ET</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-ET</i> Δ::TRP1	SK1	This study
yJG529	ER <i>bdf1-</i> <i>Y187F-</i> <i>Y535F</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4 ura3-SK1/" ho::LYS2/" pGPD1- GAL4(848).ER::URA3/" GAL-NDT80::TRP1/" <i>bdf1-Y187F-Y535F::TRP1</i> "	SK1	This study
yJG530	ER <i>BDF1::TRP1</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4 ura3-SK1/" ho::LYS2/" pGPD1- GAL4(848).ER::URA3/" GAL-NDT80::TRP1/" <i>BDF1::TRP1</i> "	SK1	This study
yJG535	<i>bdf1-Y187F-</i> <i>Y354F-HA</i>	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>bdf1-Y187F-Y354F-HA::KANMX4</i> "	SK1	This study
yJG536	Bdf1-HA	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>BDF1-HA::KANMX4</i> "	SK1	This study
yJG521	<i>BDF1::TRP1</i> <i>sum1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>sum1</i> Δ::KANMX4/ <i>BDF1::TRP1</i> "	SK1	This study
yJG522	<i>bdf1-Y187F-</i> <i>Y354F</i> <i>sum1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>sum1</i> Δ::KANMX4/" <i>bdf1-Y187F-Y354F::TRP1</i> "	SK1	This study
yJG523	<i>BDF1::TRP1</i> <i>hst1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>hst1</i> Δ::KANMX4/" <i>BDF1::TRP1</i> "	SK1	This study
yJG524	<i>bdf1-Y187F-</i> <i>Y354F hst1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>hst1</i> Δ::KANMX4/" <i>bdf1-Y187F-Y354F::TRP1</i> "	SK1	This study
yJG493	<i>sum1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>sum1</i> Δ::KANMX4/"	SK1	Ed Winter (ALY50)
yJG496	<i>hst1</i> Δ	MATa/alpha leu2::hisG/" trp1::hisG/" lys2-SK1/" his4- N/his4-G ura3-SK1/" ho::LYS2/" <i>hst1</i> Δ::KANMX4/"	SK1	Ed Winter (ALY27)