

Table S1. Yeast strains used in this study.

<u>Number</u>	<u>Genotype</u>
YJC4427	<i>MAT_ ABP1-GFP::HIS3 cof1-22::LEU2 his3Δ leu2 met15Δ0 ura3</i>
YJC4428	<i>MATa ABP1-GFP::HIS3 cof1-22::LEU2 his3Δ leu2 lys2 ura3</i>
YJC4429	<i>MATa ABP1-GFP::HIS3 cof1-22::LEU2 his3Δ leu2 lys2 met15Δ0 ura3</i>
YJC4439	<i>MAT_ ABP1-GFP::HIS3 cof1-5::LEU2 his3Δ leu2 ura3</i>
YJC4440	<i>MATa ABP1-GFP::HIS3 cof1-5::LEU2 his3Δ leu2 ura3 met15Δ0</i>
YJC4441	<i>MATa ABP1-GFP::HIS3 cof1-5::LEU2 his3Δ leu2 ura3 met15Δ0</i>
YJC5843	<i>MAT_ ABP1-GFP::HIS3 his3Δ1 leu2Δ0 lys2Δ0 met15Δ0 ura3Δ0 CRN1-tdimer2:: Kan^RMX6</i>
YJC6343	<i>MATa/_ his3Δ1/his3Δ1 leu2Δ0/leu2Δ0 ura3Δ0/ura3Δ0 met15Δ0/MET15 lys2Δ0/LYS2 cof1Δ::Kan^RMX4/COF1</i>
YJC6408	<i>MAT_ his3Δ1 leu2Δ0 lys2Δ0 met15Δ0 ura3Δ0 CRN1-GFP::HIS3 aip1Δ::Kan^RMX4</i>
YJC6426	<i>MAT_ his3Δ1 leu2Δ0 ura3Δ0 cof1Δ::Kan^RMX4 pRS413(HIS3)-COF1-RFP</i>
YJC6428	<i>MAT_ his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0 cof1Δ::Kan^RMX4 pRS415(LEU2)-COF1-RFP</i>
YJC6430	<i>MAT_ his3Δ1 leu2Δ0 ura3Δ0 cof1Δ::Kan^RMX4 pRS416(URA3)-COF1-RFP</i>
YJC6432	<i>MAT_ his3Δ1 leu2Δ0 ura3Δ0 ABP1-GFP::HIS3 cof1-5::LEU2 CRN1-tdimer2::Kan^RMX6</i>
YJC6441	<i>MATa his3 leu2 lys2 met15 ura3 ABP1-GFP::HIS3 cof1-22::LEU2 CRN1-tdimer2::Kan^RMX6</i>
YJC6444	<i>MATa his3Δ1 leu2Δ0 lysΔ0 met15Δ0 ura3Δ0 AIP1-GFP::HIS3MX6</i>
YJC6449	<i>MAT_ his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 crn1Δ::Kan^RMX4 AIP1-GFP::HIS3MX6</i>
YJC6500	<i>MAT_ his3Δ leu2Δ met15Δ ura3Δ crn1Δ::HIS3 aip1Δ::Kan^RMX4</i>
YJC6503	<i>MAT_ his3Δ leu2Δ ura3Δ aip1Δ::Kan^RMX4</i>
YJC6512	<i>MATa his3Δ leu2Δ lys2Δ0 ura3Δ cof1-4::LEU2 ABP1-GFP::HIS3 CRN1-tdimer2::Kan^RMX6</i>
YJC6515	<i>MAT_ his3Δ leu2Δ lys2Δ0 ura3Δ cof1-4::LEU2 ABP1-GFP::HIS3</i>
YJC6516	<i>MAT_ his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3</i>
YJC6519	<i>MATa his3Δ leu2Δ met15Δ0 ura3Δ cof1-4::LEU2 ABP1-GFP::HIS3</i>
YJC6520	<i>MAT_ his3Δ leu2Δ lys2 met15Δ0 ura3Δ cof1-4::LEU2 ABP1-GFP::HIS3</i>
YJC6521	<i>MAT_ his3Δ leu2Δ lys2Δ met15Δ0 ura3Δ ABP1-GFP::HIS3</i>
YJC6522	<i>MAT_ his3Δ leu2Δ met15Δ0 ura3Δ ABP1-GFP::HIS3</i>
YJC6534	<i>MAT_ his3Δ leu2Δ ura3Δ cof1-15::LEU2 ABP1-GFP::HIS3 CRN1-tdimer2::Kan^RMX6</i>
YJC6536	<i>MAT_ his3Δ leu2Δ ura3Δ cof1-15::LEU2 ABP1-GFP::HIS3</i>
YJC6537	<i>MATa his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3</i>
YJC6538	<i>MAT_ his3Δ leu2Δ ura3Δ ABP1-GFP::HIS3</i>

YJC6541 *MATa his3Δ leu2Δ lys2Δ ura3Δ cof1-15::LEU2 ABP1-GFP::HIS3*
YJC6542 *MAT_ his3Δ leu2Δ lys2Δ ura3Δ cof1-15::LEU2 ABP1-GFP::HIS3*
YJC6543 *MATa his3Δ leu2Δ lys2Δ ura3Δ ABP1-GFP::HIS3*
YJC6545 *MAT_ his3Δ leu2Δ met15Δ0 ura3Δ cof1-19::Leu2 ABP1-GFP::HIS3 CRN1-tdimer2::Kan^RMX6*
YJC6606 *MATa his3 leu2 lys2 ura3 cof1-4::LEU2 AIP1-GFP::HIS3MX6 CRN1-tdimer2::Kan^RMX6*
YJC6616 *MATa his3 leu2 lys2 met 15 ura3 AIP1-GFP::HIS3MX6 CRN1-tdimer2::Kan^RMX6*
YJC6668 *MATa his3 leu2 lys2 ura3 cof1-15::LEU2 AIP1-GFP::HIS3MX6 CRN1-tdimer2::Kan^RMX6*
YJC6688 *MATa his3 leu2 lys2 ura3 cof1-19::LEU2 AIP1-GFP::HIS3MX6 CRN1-tdimer2::Kan^RMX6*
YJC6707 *MATa ade2 his3 leu2 lys2 ura3 cof1-22::LEU2 AIP1-GFP::HIS3MX6 CRN1-tdimer2::Kan^RMX6*
YJC6725 *MATa CSE4-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*
YJC6726 *MAT_ CSE4-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*
YJC6779 *MATa his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3 crn1Δ::URA3MX4*
YJC6780 *MAT_ his3Δ leu2Δ ura3Δ ABP1-GFP::HIS3 crn1Δ::URA3MX4*
YJC6781 *MATa his3Δ leu2Δ lys2Δ ura3Δ ABP1-GFP::HIS3 crn1Δ::URA3MX4*
YJC6782 *MATa his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3 aip1Δ::URA3MX4*
YJC6783 *MAT_ his3Δ leu2Δ ura3Δ ABP1-GFP::HIS3 aip1Δ::URA3MX4*
YJC6784 *MATa his3Δ leu2Δ lys2Δ ura3Δ ABP1-GFP::HIS3 aip1Δ::URA3MX4*
YJC6785 *MATa his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3 cof1-19::LEU2*
YJC6786 *MAT_ his3Δ leu2Δ ura3Δ ABP1-GFP::HIS3 cof1-19::LEU2*
YJC6787 *MATa his3Δ leu2Δ lys2Δ ura3Δ ABP1-GFP::HIS3 cof1-19::LEU2*
YJC6816 *MATa his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3 crn1Δ::CaURA3 aip1Δ::Kan^R MX6*
YJC6817 *MATa his3Δ leu2Δ lys2Δ0 ura3Δ ABP1-GFP::HIS3 crn1Δ::CaURA3 aip1Δ::Kan^R MX6*
YJC6818 *MAT_ his3Δ leu2Δ ura3Δ ABP1-GFP::HIS3 crn1Δ::CaURA3 aip1Δ::Kan^RMX6*
YJC6823 *MATa his3Δ leu2Δ0 met15Δ0 ura3Δ0/ura3Δ0 SPC105-RFP::SpHIS5*
YJC6824 *MAT_ his3Δ leu2Δ0 met15Δ0 ura3Δ0/ura3Δ0 SPC105-RFP::SpHIS5*
YJC6825 *MAT_ cof1Δ::URA3 his3Δ leu2Δ0 met15Δ0 ura3Δ0 pRS413(HIS3)-COF1-RFP*
YJC6826 *MATa cof1Δ::URA3 his3Δ leu2Δ0 met15Δ0 ura3Δ0 pRS413(HIS3)-COF1-RFP*
YJC6827 *MATa cof1Δ::URA3 his3Δ leu2Δ0 met15Δ0 ura3Δ0 pRS413(HIS3)-COF1-RFP*
YJC6832 *MAT_ AIP1-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*
YJC6833 *MATa AIP1-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*
YJC6834 *MATa AIP1-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*
YJC6836 *MAT_ CRN1-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*

YJC6837 MATa CRN1-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0
 YJC6838 MATa CRN1-GFP-SpHIS5 his3Δ1 leu2Δ0 met15Δ0 ura3Δ
 YJC6881 MAT_ his3Δ leu2Δ met15Δ0 ura3Δ SLA2-GFP::HIS3 cof1-19::LEU2
 YJC6882 MATa his3Δ leu2Δ ura3Δ SLA2-GFP::HIS3 cof1-19::LEU2
 YJC6883 MAT_ his3Δ leu2Δ met15Δ0 ura3Δ SLA2-GFP::HIS3 cof1-19::LEU2
 YJC6884 MAT_ his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5
 YJC6885 MATa his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5
 YJC6886 MATa his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5
 YJC6888 MATa his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5 cof1-22::LEU2
 YJC6889 MAT_ his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5 cof1-22::LEU2
 YJC6890 MATa his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5 cof1-22::LEU2
 YJC6891 MATa his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5 aip1Δ::CaURA3
 YJC6892 MATa his3Δ leu2Δ ade2-101 lys2Δ ura3Δ SLA2-GFP::SpHIS5 aip1Δ::CaURA3
 YJC6893 MATa his3Δ leu2Δ lys2Δ801 ura3Δ SLA2-GFP::HIS3 aip1Δ::Kan^RMX6
 YJC6900 MAT_ his3Δ leu2 met15Δ0 ura3 cof1-15::LEU2 SLA2-GFP::HIS3
 YJC6901 MATa his3Δ leu2 lys2-801 ura3 cof1-15::LEU2 SLA2-GFP::HIS3
 YJC6902 MATa his3Δ leu2 lys2-801 met15Δ0 ura3 cof1-15::LEU2 SLA2-GFP::HIS3
 YJC6920 MATa his3Δ leu2 lys2 met15Δ0 ura3_ cof1-15::LEU2 crn1_::CaURA3 ABP1-GFP::HIS3
 YJC6921 MAT_ his3Δ leu2 lys2 met15Δ0 ura3_ cof1-15::LEU2 crn1_::CaURA3 ABP1-GFP::HIS3
 YJC6922 MAT_ his3Δ leu2 lys2 met15Δ0 ura3_ cof1-15::LEU2 crn1_::CaURA3 ABP1-GFP::HIS3
 YJC6923 MAT_ his3Δ leu2 lys2 met15Δ0 ura3_ cof1-19::LEU2 aip1_::CaURA3 ABP1-GFP::HIS3
 YJC6924 MATa his3Δ leu2 lys2 met15Δ0 ura3_ cof1-19::LEU2 aip1_::CaURA3 ABP1-GFP::HIS3
 YJC6925 MAT_ his3Δ leu2 lys2 met15Δ0 ura3_ cof1-19::LEU2 aip1_::CaURA3 ABP1-GFP::HIS3
 cof1_::Kan^RMX6 strains were derived from the COF1/cof1_ strain of the *Saccharomyces* Genome Deletion Project (www.sequence.stanford.edu/group/yeast_deletion_project/deletions3.html). Other *cof1* alleles were generated by crosses from strains provided by David Drubin (Lappalainen et al., 1997). *cof1_::URA3MX4* and all other strains were generated in this lab.