

## Supplemental tables

**Table S1. Yeast host strains**

Strain	Genotype	Source
W303-1B	<i>MAT<math>\alpha</math> can1-100 ade2-1 his3-11,15 leu2-3,112 trp1-1 ura3-1</i>	
YKO200	W303-1B $\Delta$ yta10::HIS3MX6 $\Delta$ yta12::kanMX4	Koppen <i>et al.</i> , (in press)
YTT266	W303-1B $\Delta$ ccp1::kanMX4	This study
YTT269	W303-1B $\Delta$ yta10::HIS3MX6 $\Delta$ ccp1::kanMX4	This study
YTT271	W303-1B $\Delta$ pcp1::HIS3MX6 $\Delta$ ccp1::kanMX4	This study
YTT273	W303-1B $\Delta$ yta10::natMX4 $\Delta$ pcp1::HIS3MX6 $\Delta$ ccp1::kanMX4	This study
YTT402	W303-1B $\Delta$ yta10::HIS3MX6 $\Delta$ yta12::natMX4 $\Delta$ pcp1::kanMX4	This study

**Table S2. Yeast strains with plasmids**

Strain	Host	Plasmids
YTT248	YKO200	YCplac22 YCplac111
YTT259	YKO200	YCplac22-P <sub>ADHI</sub> -YTA10 <sup>his6</sup> YCplac111-P <sub>ADHI</sub> -YTA12
YTT260	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>K334Ahis6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>K394A</sup>
YTT261	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>E388Qhis6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>E448Q</sup>
YTT262	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>E559Qhis6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>E614Q</sup>
YTT287	W303-1B	pYX142
YTT301	YTT266	pYX142
YTT303	YTT266	pYX142-CCP1 <sup>his</sup>
YTT304	YTT266	pYX142-ccp1 <sup><math>\Delta</math>A2his</sup>
YTT305	YTT266	pYX142-ccp1 <sup><math>\Delta</math>A5his</sup>
YTT306	YTT266	pYX142-ccp1 <sup><math>\Delta</math>A9his</sup>
YTT308	YTT266	pYX142-ccp1 <sup>F23Shis</sup>
YTT309	YTT266	pYX142-ccp1 <sup>F35Shis</sup>
YTT310	YTT266	pYX142-ccp1 <sup>L20SL22Shis</sup>
YTT311	YTT266	pYX142-ccp1 <sup>Y21Shis</sup>
YTT312	YTT266	pYX142-ccp1 <sup>Y37Shis</sup>
YTT313	YTT266	pYX142-ccp1 <sup>H242Phis</sup>
YTT316	YTT266	pYX142-ccp1 <sup>H248EN251Dhis</sup>
YTT317	YTT266	pYX142-ccp1 <sup>L22Shis</sup>
YTT318	YTT266	pYX142-ccp1 <sup>F23SS24Fhis</sup>
YTT352	YTT269	pYX142-CCP1 <sup>his</sup>

YTT353	YTT269	pYX142- <i>ccp1</i> <sup>ΔA2his</sup>
YTT354	YTT269	pYX142- <i>ccp1</i> <sup>ΔA5his</sup>
YTT355	YTT269	pYX142- <i>ccp1</i> <sup>ΔA9his</sup>
YTT357	YTT269	pYX142- <i>ccp1</i> <sup>F23Shis</sup>
YTT358	YTT269	pYX142- <i>ccp1</i> <sup>F35Shis</sup>
YTT359	YTT269	pYX142- <i>ccp1</i> <sup>L20SL22Shis</sup>
YTT360	YTT269	pYX142- <i>ccp1</i> <sup>Y21Shis</sup>
YTT361	YTT269	pYX142- <i>ccp1</i> <sup>Y37Shis</sup>
YTT362	YTT269	pYX142- <i>ccp1</i> <sup>H242Phis</sup>
YTT365	YTT269	pYX142- <i>ccp1</i> <sup>H248EN251Dhis</sup>
YTT366	YTT269	pYX142- <i>ccp1</i> <sup>L22Shis</sup>
YTT367	YTT269	pYX142- <i>ccp1</i> <sup>F23SS24Fhis</sup>
YTT375	YTT271	pYX142- <i>CCP1</i> <sup>his</sup>
YTT376	YTT271	pYX142- <i>ccp1</i> <sup>ΔA2his</sup>
YTT377	YTT271	pYX142- <i>ccp1</i> <sup>ΔA5his</sup>
YTT378	YTT271	pYX142- <i>ccp1</i> <sup>ΔA9his</sup>
YTT379	YTT271	pYX142- <i>ccp1</i> <sup>F23Shis</sup>
YTT380	YTT271	pYX142- <i>ccp1</i> <sup>F35Shis</sup>
YTT381	YTT271	pYX142- <i>ccp1</i> <sup>L20SL22Shis</sup>
YTT382	YTT271	pYX142- <i>ccp1</i> <sup>Y21Shis</sup>
YTT383	YTT271	pYX142- <i>ccp1</i> <sup>Y37Shis</sup>
YTT384	YTT271	pYX142- <i>ccp1</i> <sup>H242Phis</sup>
YTT386	YTT271	pYX142- <i>ccp1</i> <sup>H248EN251Dhis</sup>
YTT387	YTT271	pYX142- <i>ccp1</i> <sup>L22Shis</sup>
YTT388	YTT271	pYX142- <i>ccp1</i> <sup>F23SS24Fhis</sup>
YTT396	YTT273	pYX142- <i>CCP1</i> <sup>his</sup>
YTT397	YTT273	pYX142- <i>ccp1</i> <sup>ΔA5his</sup>
YTT398	YTT273	pYX142- <i>ccp1</i> <sup>F23Shis</sup>
YTT458	YKO200	YCplac22-P <sub>ADHI</sub> -YTA10 <sup>his6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>E614Q</sup>
YTT461	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>E559Qhis6</sup> YCplac111-P <sub>ADHI</sub> -YTA12
YTT474	YKO200	YCplac22-P <sub>ADHI</sub> -YTA10 <sup>his6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>D689A</sup>
YTT477	YTT402	YCplac22-P <sub>ADHI</sub> -yta10 <sup>E559Qhis6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>E614Q</sup>
YTT488	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>D634Ahis6</sup> YCplac111-P <sub>ADHI</sub> -yta12
YTT489	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>D634Ahis6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>D689A</sup>
YTT543	YTT271	pYX142- <i>CCP1</i>
YTT544	YTT273	pYX142- <i>CCP1</i>
YTT550	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>F361Shis6</sup> YCplac111-P <sub>ADHI</sub> -yta12 <sup>F421S</sup>
YTT555	YTT266	pYX142- <i>CCP1</i>

YTT556	YTT269	pYX142-CCP1	
YTT581	YTT266	pYX142-ccp1 <sup>S45TCS</sup>	
YTT582	YTT269	pYX142-ccp1 <sup>S45TCS</sup>	
YTT583	YTT271	pYX142-ccp1 <sup>S45TCS</sup>	
YTT584	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	
YTT589	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	pRS316 YCplac22-P <sub>ADHI</sub> -YTA10
YTT590	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	pRS316 YCplac22-P <sub>ADHI</sub> -yta10 <sup>E388Q</sup>
YTT591	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	pRS316 YCplac22
YTT595	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV YCplac22-P <sub>ADHI</sub> -YTA10
YTT596	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV YCplac22-P <sub>ADHI</sub> -yta10 <sup>E388Q</sup>
YTT597	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV YCplac22
YTT601	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	p416-P <sub>GALI</sub> -Su9(1-69)-TEV YCplac22-P <sub>ADHI</sub> -YTA10
YTT602	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	p416-P <sub>GALI</sub> -Su9(1-69)-TEV YCplac22-P <sub>ADHI</sub> -yta10 <sup>E388Q</sup>
YTT603	YTT273	pYX142-ccp1 <sup>S45TCS</sup>	p416-P <sub>GALI</sub> -Su9(1-69)-TEV YCplac22
YTT611	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>F361Ahis6</sup>	YCplac111-P <sub>ADHI</sub> -yta12 <sup>F421A</sup>
YTT612	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>F361Ehis6</sup>	YCplac111-P <sub>ADHI</sub> -yta12 <sup>F421E</sup>
YTT613	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>G363Ahis6</sup>	YCplac111-P <sub>ADHI</sub> -yta12 <sup>G423A</sup>
YTT614	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>M360Khis6</sup>	YCplac111-P <sub>ADHI</sub> -yta12 <sup>M420K</sup>
YTT615	YKO200	YCplac22-P <sub>ADHI</sub> -yta10 <sup>V362Fhis6</sup>	YCplac111-P <sub>ADHI</sub> -yta12 <sup>V422F</sup>
YTT649	YTT271	pYX142-Cytb2-TCS-GFP	pRS316
YTT650	YTT271	pYX142-Cytb2-TCS-GFP	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV
YTT651	YTT271	pYX142-Cytb2-TCS-GFP	p416-P <sub>GALI</sub> -Su9(1-69)-TEV
YTT652	YTT271	pYX142-Su9(1-69)-TCS-GFP	pRS316
YTT653	YTT271	pYX142-Su9(1-69)-TCS-GFP	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV
YTT654	YTT271	pYX142-Su9(1-69)-TCS-GFP	p416-P <sub>GALI</sub> -Su9(1-69)-TEV
YTT691	YTT271	pYX142-CCP1	pRS316
YTT692	YTT271	pYX142-CCP1	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV
YTT693	YTT271	pYX142-CCP1	p416-P <sub>GALI</sub> -Su9(1-69)-TEV
YTT694	YTT273	pYX142-CCP1	pRS316
YTT695	YTT273	pYX142-CCP1	p416-P <sub>GALI</sub> -Cytb2(1-220)-TEV
YTT696	YTT273	pYX142-CCP1	p416-P <sub>GALI</sub> -Su9(1-69)-TEV

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