

Additional file 5.

KTP strain	Genotype
<i>1</i>	<i>h⁻</i>
<i>79</i>	<i>h⁹⁰</i>
<i>341</i>	<i>h⁹⁰ leu1-32 ura4-D18 his3-D1 lys1-131 rap1::ura4⁺ ccq1-YFP:kanMX6 lig4::LEU2 Sid4-mCherry:natMX6</i>
<i>1170</i>	<i>h-/h- ade6-M210/M216 rap1-3xPK/rap1-3xPK:natMX6/natMX6 pat1-114/pat1-114 taz1::hygMX6/taz1::kanMX6 aur1^Rmat-Pc/+</i>
<i>1473</i>	<i>h/h- ade6-M210/M216 rap1-3xPK:natMX6/rap1-3xPK:natMX6 pat1-114/pat1-114 aur1^R:mat-Pc/+</i>
<i>1900</i>	<i>h⁹⁰ ade6-M216 leu1-32 ura4-D18 lys1-131 rap1::ura4⁺</i>
<i>2712</i>	<i>h⁹⁰ leu1-32 ura4-D18 his3-D1 taz1-YFP:hygMX6 sid4-mCherry:natMX6</i>
<i>2849</i>	<i>h⁹⁰ leu1-32 ura4-D18 his3-D1 lys1-131 hht1-Cerulean:ura4⁺ sid4-mCherry:natMX6 rap1-3xflag-YFP:kanMX6</i>
<i>2850</i>	<i>h⁹⁰ leu1-32 ura4-D18 his3-D1 lys1-131 hht1-Cerulean:ura4⁺ sid4-mCherry:natMX6 rap1(DD337AA)-3xflag-YFP:kanMX6</i>
<i>2843</i>	<i>h⁹⁰ ade6-M216 leu1-32 ura4-D18 lys1-131 PK-rap1(32E):kanMX6</i>
<i>2867</i>	<i>h⁹⁰ ade6-M210 leu1-32 ura4-D18 his3-D1 PK-rap1(32E):kanMX6 taz1-YFP:hygMX6 sid4-mCherry:natMX6</i>
<i>3050</i>	<i>h⁹⁰ leu1-32 lys1-32 ura4-D18 rap1::ura4⁺ taz1-YFP:hygMX6 sid4-mCherry:natMX6</i>
<i>3081</i>	<i>h⁹⁰ leu1-32 ura4-D18 his3-D1 taz1-YFP:hygMX6 sid4-mCherry:natMX6 bqt3-Cerulean:ura4⁺</i>
<i>3205</i>	<i>h⁹⁰ ade6-M216 leu1-32 ura4-D18 lys1-131 PK-rap1(32E):kanMX6</i>
<i>3206</i>	<i>h⁹⁰ leu1-32 lys1-32 ura4-D18 taz1-YFP:hygMX6 sid4-mCherry:natMX6 PK-rap1(32A):kanMX6</i>
<i>3277</i>	<i>h⁹⁰ ade6-M216 leu1-32 ura4-D18 lys1-131 PK-rap1(17E):kanMX6</i>
<i>3278</i>	<i>h⁹⁰ leu1-32 lys1-32 ura4-D18 taz1-YFP:hygMX6 sid4-mCherry:natMX6 PK-rap1(17E):kanMX6</i>
<i>3350</i>	<i>h⁹⁰ leu1-32 lys1-32 ura4-D18 PK-rap1(17A):kanMX6 taz1-YFP:hygMX6 sid4-mCherry:natMX6</i>
<i>3351</i>	<i>h⁹⁰ ade6-M216 leu1-32 ura4-D18 lys1-131 PK-rap1(17A):kanMX6</i>
<i>3442</i>	<i>h+ ade6-M210 leu1-32 ura4-D18 his3-D1 PK-rap1(DD337AA):kanMX6</i>

3447	<i>h⁹⁰ ade6-M210 leu1-32 ura4-D18 lys1-131 rap1(DD337AA)-3xflag-YFP:kanMX6 taz1-mCherry:natMX6 sid4-Cerulean:hygMX6</i>
3448	<i>h⁹⁰ ade6-M210 leu1-32 ura4-D18 his3-D1 lys1-131 rap1-YFP:kanMX6 taz1-mCherry:natMX6 sid4-Cerulean:hygMX6</i>
3607	<i>h⁹⁰ ade6-M210 leu1-32 ura4-D18 his3-D1 taz1-YFP:hygMX6 sid4-mCherry:natMX6 bqt3-Cerulean:ura4+ PK-rap1(DD337AA):kanMX6</i>
3608	<i>h- leu1-32 ura4-D18 his3-D1 taz1-YFP:hygMX6 sid4-mCherry:natMX6 bqt3-Cerulean:ura4+ rap1::kanMX6</i>
3609	<i>h⁹⁰ ade6-M210 leu1-32 ura4-D18 his3-D1 taz1-YFP:hygMX6 sid4-mCherry:natMX6 bqt3-Cerulean:ura4+ PK-rap1(32E):kanMX6</i>
3610	<i>h⁹⁰ ura4-D18 his3-D1 taz1-YFP:hygMX6 sid4-mCherry:natMX6 bqt3-Cerulean:ura4+ PK-rap1(32A):kanMX6</i>
3611	<i>h- pat1-114 PK-rap1:kanMX6</i>
3614	<i>h- pat1-114 PK-rap1-32A:kanMX6</i>
3615	<i>h- pat1-114 PK-rap1-32E:kanMX6</i>
