

Yeast strains used in this study

Strain	Genotype	Source
ATY8	MATa S288c (BY4742) <i>his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i>	Euroscarf
ATY9	MATa S288c (BY4742) <i>mr4Δ::KanMX4</i>	Euroscarf
ATY10	MATa S288c (BY4742) <i>erj5Δ::KanMX4</i>	Euroscarf
ATY11	MATa S288c (BY4742) <i>aha1Δ::KanMX4</i>	Euroscarf
ATY12	MATa S288c (BY4742) <i>swa2Δ::KanMX4</i>	Euroscarf
ATY13	MATa S288c (BY4742) <i>ppt1Δ::KanMX4</i>	Euroscarf
ATY14	MATa S288c (BY4742) <i>opr6Δ::KanMX4</i>	Euroscarf
ATY15	MATa S288c (BY4742) <i>jjj2Δ::KanMX4</i>	Euroscarf
ATY16	MATa S288c (BY4742) <i>lhs1Δ::KanMX4</i>	Euroscarf
ATY17	MATa S288c (BY4742) <i>eba1Δ::KanMX4</i>	Euroscarf
ATY18	MATa S288c (BY4742) <i>sse1Δ::KanMX4</i>	Euroscarf
ATY19	MATa S288c (BY4742) <i>sil1Δ::KanMX4</i>	Euroscarf
ATY20	MATa S288c (BY4742) <i>stt1Δ::KanMX4</i>	Euroscarf
ATY21	MATa S288c (BY4742) <i>mdj2Δ::KanMX4</i>	Euroscarf
ATY22	MATa S288c (BY4742) <i>xdj1Δ::KanMX4</i>	Euroscarf
ATY23	MATa S288c (BY4742) <i>caj1Δ::KanMX4</i>	Euroscarf
ATY24	MATa S288c (BY4742) <i>hij1Δ::KanMX4</i>	Euroscarf
ATY25	MATa S288c (BY4742) <i>scj1Δ::KanMX4</i>	Euroscarf
ATY26	MATa S288c (BY4742) <i>snl1Δ::KanMX4</i>	Euroscarf
ATY27	MATa S288c (BY4742) <i>apj1Δ::KanMX4</i>	Euroscarf
ATY28	MATa S288c (BY4742) <i>ydj1Δ::KanMX4</i>	Euroscarf
ATY29	MATa S288c (BY4742) <i>cpr7Δ::KanMX4</i>	Euroscarf
ATY30	MATa S288c (BY4742) <i>jj3Δ::KanMX4</i>	Euroscarf
ATY31	MATa S288c (BY4742) <i>jem1Δ::KanMX4</i>	Euroscarf
ATY32	MATa S288c (BY4742) <i>sec63Δ::KanMX4</i>	Euroscarf
ATY33	MATa S288c (BY4742) <i>zuo1Δ::KanMX4</i>	Euroscarf
ATY34	MATa S288c (BY4742) <i>tah1Δ::KanMX4</i>	Euroscarf
ATY35	MATa S288c (BY4742) <i>sse2Δ::KanMX4</i>	Euroscarf
ATY36	MATa S288c (BY4742) <i>jj1Δ::KanMX4</i>	Euroscarf
ATY37	MATa S288c (BY4742) <i>fes1Δ::KanMX4</i>	Euroscarf
ATY222	MATa S288c (BY4742):: <i>RNR1-GFP-HIS3MX6</i>	This study
ATY227	MATa S288c (BY4742):: <i>ydj1Δ::kanMX4 RNR1-GFP-HIS3MX6</i>	This study
ATY229	MATa S288c (BY4742):: <i>RNR2-GFP-HIS3MX6</i>	This study
ATY233	MATa S288c (BY4742) <i>ydj1Δ::KanMX4::RNR2-GFP-His3MX6</i>	This study
ATY236	MATa S288c (BY4742):: <i>RNR4-GFP-HIS3MX6</i>	This study
ATY240	MATa S288c (BY4742) <i>ydj1Δ::KanMX4::RNR4-GFP-HIS3MX6</i>	This study
ATY264	JJ160 (a <i>trp-1 ura3-1 leu2-3,112 his3-11,15 ade2-1 can1-100 GAL2Δ met2-Δ1 lys2-Δ2 ydj1::HIS3</i>) <i>pRS316-YDJ1</i>	EA Craig
ATY265	JJ160 <i>pRS315-YDJ1</i>	EA Craig
ATY267	JJ160 <i>pRS315-YDJ1(1-134)</i>	EA Craig
ATY269	JJ160 <i>pRS315-YDJ1(1-206)</i>	EA Craig
ATY270	JJ160 <i>pRS315-YDJ1(1-363)</i>	EA Craig
ATY272	JJ160 <i>pRS315-YDJ1(G153R)</i>	EA Craig
ATY273	JJ160 <i>pRS315-YDJ1(G315D)</i>	EA Craig
ATY274	JJ160 <i>pRS315-YDJ1(C406S)</i>	EA Craig
ATY275	JJ160 <i>pRS315</i>	This study
ATY280	JJ160 <i>pMR267 (Ydj1-cMyc)</i>	This study
ATY281	JJ160 <i>pMR267 (Ydj1-D36N-cMyc)</i>	This study
ATY282	JJ160 <i>pMR275 (SYY c-Myc)</i>	This study
ATY283	JJ160 <i>pMR277 (YSY c-Myc)</i>	This study
ATY284	JJ160 <i>pMR278 (SSY c-Myc)</i>	This study
ATY285	JJ160 <i>pRS314</i>	This study
ATY362	JJ160 :: <i>RNR2-GFP-KANMX4 pMR267 Ydj1-cMyc</i>	This study
ATY363	JJ160 :: <i>RNR2-GFP-KANMX4 pMR267 Ydj1(D36N)-cMyc</i>	This study

Plasmids used in this study

Plasmid	Description	Reference/Source
ATP79	<i>pCMV3.1 HIS-FLAG HSC70</i>	This study
ATP399	<i>pCMV3.1 HIS-R2B</i>	This study
ATP400	<i>pUG36-RNR2-GFP</i>	This study
ATP433	<i>pUG36</i>	J. H. Hegemann
ATP573	<i>pMR278 (SSY c-Myc)</i>	D. Masison
ATP574	<i>pMR277 (YSY c-Myc)</i>	D. Masison
ATP575	<i>pMR275 (SSY c-Myc)</i>	D. Masison
ATP576	<i>pMR267 (Ydj1-D36N-cMyc)</i>	D. Masison
ATP578	<i>pMR267 (Ydj1-cMyc)</i>	E A Craig
ATP580	<i>pRS315-YDJ1(1-134)</i>	E A Craig
ATP582	<i>pRS315-YDJ1(1-206)</i>	E A Craig
ATP584	<i>pRS315-YDJ1(1-363)</i>	E A Craig
ATP586	<i>pRS315-YDJ1(G153R)</i>	E A Craig
ATP587	<i>pRS315-YDJ1(G315D)</i>	E A Craig
ATP588	<i>pRS315-YDJ1(C406S)</i>	E A Craig
ATP-590	<i>pRS413-RNR2 promoter-FLAG-RNR2</i>	M Huang
ATP592	<i>RNR3 promoter-lacZ</i>	W. Xiao
ATP716	<i>pBG1085-GAL1 promoter-ZZ-HA-RNR1</i>	Dharmacon
ATP717	<i>pBG1085-GAL1 promoter-ZZ-HA-RNR2</i>	Dharmacon
ATP718	<i>pBG1085-GAL1 promoter-ZZ-HA-RNR4</i>	Dharmacon
ATP-723	<i>pFA6a-GFP(S65T)-KANMX6</i>	J. Pringle
ATP-724	<i>pFA6a-GFP(S65T)-HIS3MX6</i>	J. Pringle

Table of primers used for RT-qPCR

Name	Sequence
<i>RNR1</i> F	5'-GTGTTCAAGGTCTCCTGAC-3'
<i>RNR1</i> R	5'-CGTATGGACCGTCCTTCTGA-3'
<i>RNR2</i> F	5'-CCTAAAGAGACCCCTCCAAAG-3'
<i>RNR2</i> R	5'-GCCTTGATTTTCAGCGTC-3'
<i>RNR3</i> F	5'-GCCTCCGCTGCTATTCAA-3'
<i>RNR3</i> R	5'-CAGATGCCCGCTTTTGT-3'
<i>RNR4</i> F	5'-CATAAGGCTGCTTTCATCGAG-3'
<i>RNR4</i> R	5'-CTGTTGGCCATTGCTAAACC-3'
<i>ACT1</i> F	5'-GTATGTGTAAGCCGGTTTG-3'
<i>ACT1</i> R	5'-CATGATACCTGGTGTCTGG-3'