Supplementary Table 1: Plasmids used in this study

Plasmid Name	Specification	Reference
pAP599	Plasmid for making gene deletion construct for *C. glabrata*, containing *URA3* marker and a hygromycin-resistance (Hyg^R) cassette which is flanked by FRT sites and multiple cloning sites	
pRD16	*C. glabrata CEN/ARS* plasmid for expressing *S. cerevisiae FLP1* to recycle the Hyg^R marker used for gene disruption	
pBC34.1	Plasmid for restoring *URA3* in *C. glabrata*	Domergue et al
pBM1	Plasmid for placing the Hyg^R cassette, flanked by FRT sites at the *AQY1* locus. *C. glabrata AQY1* 5' and 3' untranslated region (UTR) were amplified using primers #26, #27 and #28, #29, respectively, and subcloned into pAP599 as a *Spe*I-*BamH*I and a *Hind*III-*Kpn*I fragment flanking the Hyg^R marker	
pBM11	*TNR1* deletion vector: *C. glabrata TNR1* 5' and 3' untranslated region (UTR) were amplified using primers #1, #2 and #3, #4, respectively, and subcloned into pAP599 as a *Sac*I-*BamH*I and a *Hind*III-*Xho*I fragment flanking the Hyg^R marker	This study
pBM12	*TNR2* deletion vector: *C. glabrata TNR2* 5' and 3' UTR were amplified using primers #1, #2 and #3, #5, respectively, and subcloned into pAP599 as a *Sac*I-*BamH*I and a *Hind*III-*Xho*I flanking the Hyg^R marker	This study
pRD35	*TNA1* deletion vector	Domergue et al
pBM13	CAGL0G08448g deletion vector: the 5' and 3' UTR for ORF CAGL0G08448g were amplified using primers #6, #7 and #8, #9, respectively, and subcloned into pAP599 as a *Kpn*I-*Sal*I and a *BamH*I-*Sac*I flanking the Hyg^R marker	This study
pRK5	CAGL0F00209g deletion vector; the 5' and 3' UTR for ORF CAGL0F00209g were amplified using primers #18,#19,#20,#21 and subcloned into pAP599 as a *Kpn*I-*Sal*I and a *BamH*I-*Sac*I flanking the Hyg^R marker	This study
pGRB2.2	*CEN/ARS* plasmid for *C. glabrata* containing *URA3* marker and multiple cloning sites flanked by *S. cerevisiae PGK1* promoter and *HIS3* 3'UTR	Domergue et al
pBM28	Vector for restoring *CgTNA1*: the coding sequence (CDS) of *C. glabrata TNA1* was amplified by primers #30, #31, and subcloned into pGRB2.2 as a *Spe*I-*Xho*I fragment	This study
pBM29	Vector for restoring *TNR1*: *C. glabrata TNR1* CDSwas amplified by primers #32, #33, and subcloned into pGRB2.2 as a *Spe*I-*Xho*I fragment	This study
pBM30	Vector for restoring *TNR2*: *C. glabrata TNR2* CDS was amplified by primers #32, #33, and subcloned into pGRB2.2 as a *Spe*I-*Xho*I fragment	This study
pBM31	Vector for expressing *ScTNA1*: *S. cerevisiae TNA1* CDS was amplified by primers #34, #35, and subcloned into pGRB2.2 as a *Spe*I-*Xho*I fragment	This study
pBM32	Vector for expressing *ScTHI7*: *S. cerevisiae THI7* CDS was amplified by primers #40, #41, and subcloned into pGRB2.2 as a *Xba*I-*EcoR*I fragment	This study
pBM33	Vector for expressing *YOR071c*: *S. cerevisiae YOR071c* CDS was amplified by primers #36, #37, and subcloned into pGRB2.2 as a *Xba*I-*EcoR*I fragment	This study
pBM34	Vector for expressing *YOR192c*: *S. cerevisiae YOR192c* CDS was amplified by primers #38, #39, and subcloned into pGRB2.2 as a *Xba*I-*EcoR*I fragment	This study
pAP596	*SIR2* deletion vector	Domergue et al

pAP598	*SIR4* deletion vector: *C. glabrata SIR4* 5' and 3' untranslated region (UTR) were amplified using primers #14, #15 and #16, #17, respectively, and subcloned into pAP599 as a *Kpn*I-*Hind*III and a *BamH*I-*Sac*I fragment flanking the Hyg^R marker	This study
pAP628	*HST1* deletion vector	Domergue et al
pAP633	*HST2* deletion vector	Domergue et al
pBM16	*CEN*/*ARS* plasmid for *C. glabrata* containing CloneNAT-resistance marker and multiple cloning sites	This study
pBM17	Vector for restoring *CgHST1*: the entire *C. glabrata HST1* including ~480 bp 5'UTR, CDS and ~170 bp 3'UTR was amplified by primers #42, #43, and subcloned into pBM16 as a *Pst*I-*Sal*I fragment	This study
pRD61	*SUM1* deletion vector: *C. glabrata SUM1* 5' and 3' untranslated region (UTR) were amplified using primers #22, #23 and #24, #25, respectively, and subcloned into pAP599 as a *Kpn*I-*Xho1* and a *Not1*-*Sac*I fragment flanking the Hyg^R marker	This study

Supplementary Table 2: Primers used in this study

Primer No.	Primer Name	Primer Sequence (5' to 3')
For gene disruption		
1	THI7-5'-SacI	cgatgagctcagaaggtgaggtgcggac
2	THI7-5'-BamHI	tctcggatccggtacgtctttattcag
3	THI7-3'-HindIII	cgacaagcttatttagcaacttgcactgaag
4	13354-2-XhoI	caagctcgagaagatcactactacggttc
5	14113-2-XhoI	actactcgagcacttacagactctaacc
6	8448-5'-KpnI	catggtaccgccgaaatggacattg
7	8448-5'-SalI	tttgagtcgactcattgtttgacggctg
8	8448-3'-BamHI	caacggatccttgcatccaaaagcctg
9	8448-3'-SacI	tactagagctcttcgagtcctgtaatac
14	SIR4-904KpnIBsgIFW	cggggtaccttgtgcagatgtgccgtagtacctaaacttgccc
15	SIR4-1HindIIIRev	cccaagctttttttattatgagtacaacagtaggtt
16	SIR4+1BamHIFW	cgcggatcctattctaacttaatatatatgccctataatc
17	SIR4+901SacIBsgIRev	caaggagctcttgtgcagtacagcaaatatcgacatattaaattcacc
18	OF00209g-5'-KpnI	cggggtaccacgatctatgtgcaaccatatctacccatgg
19	OF00209g-5'-SalI	acgcgtcgacgctaaatggaattgatgtcgctg
20	OF00209g-3'-BamHI	cgggatccgaagacagatcacaacctgtgg
21	OF00209g-3'-SacI	cggagctccgaaatcgttgctagcttacaagtgtactgatgctggcac
22	Sum1-5fwd	tcgcaagggtacccgaagattctgctatatttcacga
23	Sum1-5rev	ctcgagcaatatctcgatataaccgaggta
24	Sum1-3fwd	gcggccgcctcgtatatataagagtctcaa
25	Sum1-3rev	aaagcgagctccgataatactgctctctgtgtgtgcg
26	Aqy1-5fwd	tggggtaccgagaagtttgcggacactgttcttatc
27	Aqy1 5rev	agtccaagctgactaattggataatg
28	Aqy1 3fwd	tagggatcctctactgcagcaaccaaattc
29	Aqy13rev	ggactagtcgaaataattgctcctcaggc
For gene restoration		
30	TNA+0FwdSpe	gactagtatgacattaagaatgagag
31	TNAStopRevXho	ccctcgagtcaatacatgtatttaaa
32	THI7-ATG-SpeI	cgtaactagtatgagaggatttaagtttctc
33	THI7-TGA-XhoI	gctactcgagtcatatttctgcaactccg
34	ScTNA1+1-SpeI	cgatactagtatgagcaacaaatttacaatg
35	ScTNA1-TAG-XhoI	atgcctcgagctaatacatgtacttaaactc
36	YOR071-F	catgtctagaatgagcttcagtagtatag
37	YOR071-R	gactgaattctcagacaacttgttgag
38	YOR192-F	atcgtctagaatgagtttcggtacgagaatc
39	YOR192-R	tctcgaattcttaggcaatttgtttttcactggaag
40	YLR237-F	ctagtctagaatgagtttcggtagtaaag
41	YLR237-R	agctgaattcctaagcagctttttcactggc
42	HST1-F-522	gactcttaccgtattgcac
43	HST1-R+1.7k-Sal	gcatgtcgacgctctagaataatggtttcagc