Table S4A. Yeast strains

Strain number	Ploidy	Description	Source
YJB-T 1 (SC5314)	Diploid	*C. albicans* type strain (Gillum et al. 1984)	Lab stocks
YJB-T 900 (GZY896)	Haploid	*MTL **a** ura3Δ::imm434 his4 gal1Δ::ura3Δ::HIS4*	(Mielich et al. 2018)
YJB-T 1792	Haploid	*MTL **a** ura3Δ::imm434 his4 gal1Δ::ura3Δ::HIS4 NEUT5L region ::Ac URA3*	This study
YJB-T 1795	Haploid	*MTL **a** ura3Δ::imm434 his4 gal1Δ::ura3Δ::HIS4 ade2::Ds NAT1*	This study
YJB-T 1081	Haploid	MTL***a*** *ura3Δ::imm434 his4 gal1Δ::ura3Δ::HIS4 ade2::Ds NAT1 NEUT5L region ::Ac URA3*	This study
YJB-T 1082	Haploid	MTL***a*** *ura3Δ::imm434 his4 gal1Δ::ura3Δ::HIS4 ade2::Ds NAT1 NEUT5L region ::Ac URA3*	This study
YJB-T 257 (GZY803)	Haploid	MTLα his4 ura3Δ::HIS4	(Hickman et al. 2013)
YJB-T 2743	Haploid	MTLα his4 ura3Δ::HIS4 ade2::Ds NAT1 NEUT5L region ::Ac URA3	This study
YJB 12801	Haploid	Haploid I *MTL **a** , his4, galΔ, ade2*	(Hickman et al. 2013)
YJB 12881	Haploid	Haploid XI *MTL **a** , his4, galΔ*	(Hickman et al. 2013)

Table S4B. Plasmids

Plasmid name	Description	Source
BJB-T 133 pRK402	Ds plasmid with *NAT1* marker	This study
BJB-T 135 pKM300	Ac plasmid with *URA3* marker	(Mielich et al. 2018)

Table S4C. Primers

Primer No.	Sequence	Purpose
BP117	GTTTTTGGAGTATTGTGATGGTAT	Check Ds integration/excision
BP118	TTTCGTTGTTGTTTCTTATTCTGGT	Check Ds integration
BP119	TCATCATCTGGGAAAACCTTAGTC	Check Ds integration
BP120	CCAAACTTTTCCCCAATGTGTAAC	Check Ds integration/excision
BP104	GGTGATGGATTAGGACAACA	Check Ac integration
BP161	AAAAGGCCTGATAAGGAGAGATCCATTAAGAGCA	Check Ac integration
BP664	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTAC ACGACGCTCTTCCGATCTNNNNNNGTATTTTACCGACCG	F_Tn specific primer with P5 and RD1 Illumina sequence
BP724	Phos/GATCGGAAGAGCACACGTCTGAACTCCAGTCA	Adapter sequence for Illumina
BP725	ACGCTCTTCCGATC*T	Adapter sequence for Illumina
BP847	CAAGCAGAAGACGGCATACGAGATCGTGATGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index1 with P7 and RD2 Illumina sequence

BP770	CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index2 with P7 and RD2 Illumina sequence
BP848	CAAGCAGAAGACGGCATACGAGATGCCTAAGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index3 with P7 and RD2 Illumina sequence
BP771	CAAGCAGAAGACGGCATACGAGATTGGTCAGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index4 with P7 and RD2 Illumina sequence
BP665	CAAGCAGAAGACGGCATACGAGATCACTGTGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index5 with P7 and RD2 Illumina sequence
BP666	CAAGCAGAAGACGGCATACGAGATATTGGCGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index6 with P7 and RD2 Illumina sequence
BP772	CAAGCAGAAGACGGCATACGAGATGATCTGGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index7 with P7 and RD2 Illumina sequence
BP849	CAAGCAGAAGACGGCATACGAGATTCAAGTGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index8 with P7 and RD2 Illumina sequence
BP850	CAAGCAGAAGACGGCATACGAGATTCAAGTGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index9 with P7 and RD2 Illumina sequence
BP851	CAAGCAGAAGACGGCATACGAGATAAGCTAGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index10 with P7 and RD2 Illumina sequence
BP852	CAAGCAGAAGACGGCATACGAGATGTAGCCGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index11 with P7 and RD2 Illumina sequence
BP773	CAAGCAGAAGACGGCATACGAGATTACAAGGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index12 with P7 and RD2 Illumina sequence
BP853	CAAGCAGAAGACGGCATACGAGATTTGACTGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index13 with P7 and RD2 Illumina sequence
BP854	CAAGCAGAAGACGGCATACGAGATGGAACTGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index14 with P7 and RD2 Illumina sequence
BP855	CAAGCAGAAGACGGCATACGAGATTGACATGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index15 with P7 and RD2 Illumina sequence
BP856	CAAGCAGAAGACGGCATACGAGATGGACGGGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index16 with P7 and RD2 Illumina sequence
BP857	CAAGCAGAAGACGGCATACGAGATGCGGACGTGACTGG AGTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index18 with P7 and RD2 Illumina sequence
BP858	CAAGCAGAAGACGGCATACGAGATTTTCACGTGACTGGA GTTCAGACGTGTGCTCTTCCGATCT	R_Tnseq_index19 with P7 and RD2 Illumina sequence
BP859	CAAGCAGAAGACGGCATACGAGATGGCCACGTGACTGG	R_Tnseq_index20 with P7 and RD2

BP859	AGTTCAGACGTGTGCTCTTCCGATCT	Illumina sequence
BP860	CAAGCAGAAGACGGCATACGAGATCGAAACGTGACTGG	R_Tnseq_index21 with P7 and RD2
	AGTTCAGACGTGTGCTCTTCCGATCT	Illumina sequence
BP861	CAAGCAGAAGACGGCATACGAGATCGTACGGTGACTGG	R_Tnseq_index22 with P7 and RD2
	AGTTCAGACGTGTGCTCTTCCGATCT	Illumina sequence
BP862	CAAGCAGAAGACGGCATACGAGATCCACTCGTGACTGGA	R_Tnseq_index23 with P7 and RD2
	GTTCAGACGTGTGCTCTTCCGATCT	Illumina sequence
BP863	CAAGCAGAAGACGGCATACGAGATATCAGTGTGACTGG	R_Tnseq_index25 with P7 and RD2
	AGTTCAGACGTGTGCTCTTCCGATCT	Illumina sequence
BP864	CAAGCAGAAGACGGCATACGAGATAGGAATGTGACTGG	R_Tnseq_index27 with P7 and RD2
	AGTTCAGACGTGTGCTCTTCCGATCT	Illumina sequence