

Table S1. Strains used in this study

Strain	Name	Parent	Genotype	Reference/Source
SC5314	SC5314	-	blood isolate	1
CAI4	CAI4	SC5314	<i>ura3Δ::imm434/Δura3Δ::imm434</i>	2
Ca372	CAI4+Clp10	CAI4	CAI4, <i>RPS1-Clp10 (URA3)</i>	3
RM1000	RM1000	CAI4	<i>ura3Δ::imm434/Δura3Δ::imm434, his1Δ::hisG/his1Δ::hisG</i>	4
Ca1674	RM1000+Clp20	RM1000	RIM1000, <i>RPS1-Clp20 (URA3,HIS1)</i>	5
BWP17	BWP17	RM1000	<i>ura3Δ::imm434/Δura3Δ::imm434, his1Δ::hisG/his1Δ::hisG, arg4Δ::hisG/arg4Δ::hisG</i>	6
Ca1206	BWP17+Clp30	BWP17	BWP17, <i>RPS1-Clp30 (URA3,HIS1,ARG4)</i>	7
SN152	SN152	SC5314	<i>arg4Δ/arg4Δ, leu2Δ/leu2Δ, his1Δ/his1Δ, URA3/ura3Δ::imm434, IRO1/iro1Δ::imm434</i>	8
CM9	<i>hgt4Δ</i>	BWP17	BWP17, <i>hgt4Δ::UAU1/hgt4Δ::URA3</i>	9
CM162	<i>rgt1Δ</i>	BWP17	BWP17, <i>rgt1Δ::FRT/rgt1Δ::FRT</i>	9
CM64	<i>hgt12Δ</i>	BWP17	BWP17, <i>hgt12Δ::UAU1/hgt12Δ::UAU1</i>	10
<i>hgt1Δ</i>	<i>hgt1Δ</i>	SN152	SN152, <i>hgt1Δ::HIS1/hgt1Δ::LEU2</i>	11
<i>HGT1</i>	<i>HGT1</i>	SN152	SN152, <i>hgt1Δ::HIS1/hgt1Δ::LEU2-HGT1</i>	11
<i>sak1Δ</i>	<i>sak1Δ</i>	SC5314	<i>sak1Δ::FRT/sak1Δ::FRT</i>	12
jjh85	<i>kis1Δ</i>	BWP17	BWP17, <i>kis1Δ::UAU1/kis1Δ::UAU1</i>	13
<i>snf4Δ</i>	<i>snf4Δ</i>	BWP17	BWP17, <i>snf4Δ::UAU1/snf4Δ::UAU1</i>	Aaron Mitchell
<i>mig1Δ</i>	<i>mig1Δ</i>	SN152	SN152, <i>mig1Δ::CdHIS1/mig1Δ::CmLEU2</i>	14
<i>mig2Δ</i>	<i>mig2Δ</i>	SN152	SN152, <i>mig2Δ::CdARG4/mig2Δ::CdARG4</i>	14
<i>mig1Δ mig2Δ</i>	<i>mig1Δ mig2Δ</i>	SN152	SN152, <i>mig1Δ::CdHIS1/mig1Δ::CmLEU2, mig2Δ::CdARG4/mig2Δ::CdARG4</i>	14
<i>ras1-2/ras1-3</i>	<i>ras1Δ</i>	CAI4	CAI4, <i>ras1Δ::hisG/ras1Δ::hph-URA3-hph</i>	15
LR2	<i>gpr1Δ</i>	CAI4	CAI4, <i>gpr1Δ::hisG/gpr1Δ::hisG-URA3-hisG</i>	16
NM6	<i>gpa2Δ</i>	CAI4	CAI4, <i>gpa2Δ::hisG/gpa2Δ::hisG-URA3-hisG</i>	16
NM23	<i>gpr1Δ gpa2Δ</i>	CAI4	CAI4, <i>gpa2Δ::hisG/gpa2Δ::hisG, gpr1Δ::hisG/gpr1Δ::hisG-URA3-hisG</i>	16
CR323	<i>cyr1Δ (cdc35Δ)</i>	CAI4	CAI4, <i>cdc35Δ::hisG/cdc35Δ::hisG, pVEC-URA3</i>	17
WH2-3U	<i>pde2Δ</i>	CAI4	CAI4, <i>pde2Δ::hisG/pde2Δ::hisG-URA3-hisG</i>	18
<i>tpk1Δ</i>	<i>tpk1Δ</i>	SN152	SN152, <i>tpk1Δ::HIS1/tpk1Δ::ARG4</i>	19
<i>tpk2Δ</i>	<i>tpk2Δ</i>	SN152	SN152, <i>tpk2Δ::HIS1/tpk2Δ::ARG4</i>	19
<i>tpk1Δ tpk2Δ</i>	<i>tpk1Δ tpk2Δ</i>	SN152	SN152, <i>tpk1Δ::LEU2/tpk1Δ::FRT, tpk2Δ::HIS1/tpk2Δ::ARG4</i>	19
Ca1862	<i>CTA1/cta1Δ</i>	RM1000	RIM1000, <i>cta1Δ::loxP-URA3-loxP/CTA1</i>	This study
Ca1864	<i>cta1Δ/cta1Δ</i>	RM1000	RIM1000, <i>cta1Δ::loxP-URA3-loxP/cta1Δ::HIS1</i>	This study
Ca2015	<i>gsh2Δ</i>	RM1000	RM1000, <i>gsh2Δ::loxP/gsh2Δ::loxP</i>	20
C20	<i>tps1Δ (ura3)</i>	CAI4	CAI4, <i>tps1Δ::hisG/tps1Δ::hisG</i>	21
Ca2489	<i>tps1Δ</i>	CAI4	CAI4, <i>tps1Δ::hisG/tps1Δ::hisG, RPS1-Clp10 (URA3)</i>	This study

BARCODED <i>C. ALBICANS</i> STRAINS			
Genotype: CAI4, RPS1-Clp10-pTET-GW (URA3)			
Strain	Barcode	Barcode sequence (common 5' sequence-unique barcode-common 3' sequence)	Source
Ca 2247	BC_A03	CGGTGTCGGTCTCGTAGTACAATAAAGGGCAGGTGCAACCATAGAGACCTCGTGGACATC	This study
Ca 2248	BC_A08	CGGTGTCGGTCTCGTAGCACAGACGACGTAACCTTTATAGGCAGAGACCTCGTGGACATC	This study
Ca 2249	BC_A10	CGGTGTCGGTCTCGTAGTGACCAAGCCTGAATAGCGTCATAAAGAGACCTCGTGGACATC	This study
Ca 2250	BC_A11	CGGTGTCGGTCTCGTAGCGTGTATTAGAGTAATCGCATCTAGAGAGACCTCGTGGACATC	This study
Ca 2251	BC_A12	CGGTGTCGGTCTCGTAGACGAAGCGTGAACCGTATCGAACGCAGAGACCTCGTGGACATC	This study
Ca 2252	BC_B04	CGGTGTCGGTCTCGTAGTAGCGTTAGCGGCCACGGAACATCAAGAGACCTCGTGGACATC	This study
Ca 2253	BC_B05	CGGTGTCGGTCTCGTAGTTAATTGCGGGCAGCCACCGTGAATAGAGACCTCGTGGACATC	This study
Ca 2254	BC_B07	CGGTGTCGGTCTCGTAGTCCTCTCGGGAGGCCAATAGAAACGAGAGACCTCGTGGACATC	This study
Ca 2255	BC_B08	CGGTGTCGGTCTCGTAGTACGCTTGACCCGTGTAGCTGTCAGAGAGACCTCGTGGACATC	This study
Ca 2256	BC_B11	CGGTGTCGGTCTCGTAGTGGTTAACACGGAACCTGAGATCCAGAGACCTCGTGGACATC	This study
Ca 2257	BC_C10	CGGTGTCGGTCTCGTAGTAGCACACCTAGCGTGAACCGAGCCAGAGACCTCGTGGACATC	This study
Ca 2258	BC_C11	CGGTGTCGGTCTCGTAGTCTAATAACCCGGATAGGCATGCCAGAGACCTCGTGGACATC	This study
Ca 2259	BC_C12	CGGTGTCGGTCTCGTAGTTTAAGCATACTCCCATCCGTGCGCAGAGACCTCGTGGACATC	This study
Ca 2260	BC_D01	CGGTGTCGGTCTCGTAGTATCTGAGTGTGCGGGCTATGCAAGAGACCTCTTGGACATC	This study
Ca 2261	BC_D02	CGGTGTCGGTCTCGTAGTAGTTAGGGCGGCCGAAGTTATCCAAGAGACCTCGTGGACATC	This study

YEAST SPECIES			
Species	Strain	Information	Reference/Source
<i>C. albicans</i>	SC5314	Clinical isolate	1
<i>C. dubliniensis</i>	IHEM20468	Clinical isolate	D. MacCallum
<i>C. tropicalis</i>	SC S74663	Clinical isolate	D. MacCallum
<i>L. elongisporus</i>	NRLL YB-4239	<i>L. elongisporus</i> often isolated from the environment	J. Heitman
<i>C. guilliermondii</i>	BB418024	Clinical isolate	D. MacCallum
<i>C. glabrata</i>	AM2004/0093	Clinical isolate	D. MacCallum
<i>S. cerevisiae</i>	BB708832	Clinical isolate	D. MacCallum
<i>K. lactis</i>	NRRL Y-1140	Isolated from milk	LGC-Promochem (Teddington, Middlesex, UK)
<i>Y. lipolytica</i>	CLIB122	<i>Y. lipolytica</i> often isolated from foods	Collection de Levures d'Interet Biotech

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