

Table S1**Table S1: Strains used in this study**

Strain	Genotype	Source
<i>Candida albicans</i>		
SC5314	Clinical isolate	[2]
CAI4	<i>ura3::λimm434/ura3::λimm434</i> (SC5314 lineage)	[3]
RM1000	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG</i>	[4]
BWP17	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, arg4::hisG/arg4::hisG</i>	[4]
CA372	<i>ura3::λimm434/ura3::λimm434, RPS1-Clp10(URA3)</i>	[5]
CA674	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, RPS1-Clp20(URA3,HIS1)</i>	[6]
CA1206	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, arg4::hisG/arg4::hisG, RPS1-Clp30(URA3,HIS1,ARG4)</i>	[6]
ML258	<i>ura3::λimm434/ura3::λimm434, RPS1-pACT1-FLAG-GFP</i>	[7]
SN148	<i>arg4/arg4, leu2/leu2, his1/his1, ura3::λimm434/ura3::λimm434, iro1::λimm434/iro1::λimm434</i>	[8]
JC45	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, hog1::loxP-ura3-loxP/hog1::loxP-HIS1-loxP</i>	[9]
JC63	<i>ura3::λimm434/ura3::λimm434, his1hisG/his1hisG, HOG1-YFP-URA3/HOG1-YFP-HIS1</i>	[10]
JC677	<i>trx1::loxP-ARG4-loxP/trx1::loxP- HIS1-loxP, RPS1-Clp10 (URA3)</i>	[11]
JC747	<i>arg4/arg4, leu2/leu2, his1/his1, ura3::λimm434/ura3::λimm434, iro1::λimm434/iro1::λimm434, RPS1-Clp30(URA3 HIS1 ARG4)</i>	[11]
JC842	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, arg4::hisG/arg4::hisG, cap1::loxP-ARG4-loxP/cap1::loxP-HIS1-loxP, RPS1-Clp10(URA3)</i>	This study
JC948	<i>arg4/arg4, leu2/leu2, his1/his1, ura3::λimm434/ura3::λimm434, iro1::λimm434/iro1::λimm434, CAP1-MH-URA3</i>	[11]
JC1060	<i>arg4/arg4, leu2/leu2, his1/his1, ura3::λimm434/ura3::λimm434, iro1::λimm434/iro1::λimm434, CAP1-GFP-URA3</i>	[11]
CA1864	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, cta1::loxP-URA3-loxP/cta1::HIS1</i>	This study
ACT1-CAT1	<i>ura3::λimm434/ura3::λimm434, his1::hisG/his1::hisG, CTA1/URA3-prACT1-CTA1</i>	This study
cta4Δ	<i>SN152, cta4Δ ::CmLEU2/cta4Δ::CdARG4, arg4Δ::dpl200/arg4Δ::dpl200, leu2Δ::dpl200/leu2Δ::dpl200</i>	[12]
skn7Δ	<i>ura3::λimm434/ura3::λimm434, skn7::hisG/skn7::hisG-URA3-hisG</i>	[13]
sod5Δ	<i>arg4/arg4, leu2/leu2, his1/his1, URA3/ura3::λimm434, IRO1/iro1::λimm434, sod5::cmLEU2/sod5::CdHIS1</i>	[14]
glr1Δ	<i>glr1/glr1, ura3::λimm434/ura3::URA3, his1::hisG/his1::hisG, arg4::hisG/arg4::hisG</i>	From Ben Distel
<i>Candida glabrata</i>		
CBS138	Clinical isolate (ATCC 2001)	[15]
<i>Saccharomyces cerevisiae</i>		
BY4741	MAT α , <i>his3</i> , <i>leu2</i> , <i>met15</i> , <i>ura3</i>	Euroscarf
<i>Schizosaccharomyces pombe</i>		
972	Environmental isolate	[16]

Supplemental References

1. **Chou, T. C. and Talalay, P.** 1984. Quantitative analysis of dose-effect relationships: the combined effects of multiple drugs or enzyme inhibitors. *Adv. Enzyme. Regul.* **22**: 27-55.
2. **Gillum, A. M., Tsay, E. Y. H. and Kirsch, D. R.** 1984. Isolation of the *Candida albicans* gene for orotidine-5'-phosphate decarboxylase by complementation of *S. cerevisiae ura3* and *Escherichia coli Pyrf* mutations. *Molec. General Genet.* **198**: 179-182 (1984).
3. **Fonzi, W. A. and Irwin, M. Y.** 1993. Isogenic Strain Construction and Gene-Mapping in *Candida albicans*. *Genetics* **134**: 717-728.
4. **Wilson, R. B., Davis, D. and Mitchell, A. P.** 1999. Rapid hypothesis testing with *Candida albicans* through gene disruption with short homology regions. *J. Bacteriol.* **181**: 1868-1874.
5. **Murad, A. M. A., Lee, P. R., Broadbent, I. D., Barelle, C. J. and Brown, A. J. P.** 2000. Clp10, an efficient and convenient integrating vector for *Candida albicans*. *Yeast* **16**, 325-327.
6. **Dennison, P. M. J., Ramsdale, M., Manson, C. L. and Brown, A. J. P.** 2005. Gene disruption in *Candida albicans* using a synthetic, codon-optimised Cre-loxP system. *Fungal Genet. Biol.* **42**: 737-748.
7. **Noble, S. M. and Johnson, A. D.** 2005. Strains and strategies for large-scale gene deletion studies of the diploid human fungal pathogen *Candida albicans*. *Eukaryotic Cell* **4**: 298-309.
8. **Chiranand, W., Zhou, H., Lynn, J.J., Vega, L.A., Myers, H., Yates III, J.R., Lorenz, M.C. and Gustin, M.C.** 2008. CTA4 transcription factor mediates induction of nitrosative stress response in *Candida albicans*. *Eukaryotic Cell* **7**: 268-278.
9. **Singh, P., Chauhan, N., Ghosh, A., Dixon, F., and Calderone, R.** 2004. SKN7 of *Candida albicans*: Mutant construction and phenotype analysis. *Infect. Immun.* **72**, 2390-2394 (2004).
10. **Frohner, I. E., Bourgeois, C., Yatsyk, K., Majer, O. and Kuchler, K.** 2009. *Candida albicans* cell surface superoxide dismutases degrade host-derived reactive oxygen species to escape innate immune surveillance. *Molec. Microbiol.* **71**: 240-252.
11. **Dujon, B. et al.** 2004. Genome evolution in yeasts. *Nature* **430**: 35-44.
12. **Wood, V. et al.** 2002. The genome sequence of *Schizosaccharomyces pombe*. *Nature* **415**: 871-880.