

Supplementary Table 6. Stress and drug resistance of *C. albicans* mutants.

CONDITION		30°C	37°C	42°C	45°C	CO ₂	37°C + FCS	NaCl
STRAIN	isolate	YPD	YPD	YPD	YPD	YPD	5% YPD	1M YPD
<i>try6</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>pho84</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>xog1</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>ctn1</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>cyb2</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>osm1</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>ecm3</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>hcm1</i>	A	1	1	1	0	1	1	1
	B	1	1	1	0	1	1	1
<i>try4</i>	A	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2
<i>nce103</i>	A	0	ND	ND	ND	2	ND	2
	B	0	ND	ND	ND	2	ND	2

0 = No growth
 1 = Less growth than wt
 2 = Same growth as wt
 3 = More growth than wt
 ND = Not done

Notes:

A. Wild type showed no growth under this condition

3-Aminotriazole 10 mM YPD	Acetic Acid pH3 20 mM YPD	Acetic Acid pH 6 20 mM YPD	pH 4.5 YPD	pH 7 YPD	pH 9.5 YPD	Glucose YNB
2	1	2	2	2	2	2
2	1	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	1	2	2	2	2	2
2	1	2	2	2	2	2
2	3	2	2	2	2	2
2	3	2	2	2	2	2
2	3	2	2	2	2	2
2	3	2	2	2	2	2
2	3	2	2	2	2	2
2	3	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
1	0	1	1	2	2	1
1	0	1	1	2	2	1
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	1	2	2	2	2	1
2	1	2	2	2	2	1

Lactate YNB	Glyc&EtOH YNB	Congo red 0.3 mg/ml YPD	Calcofluor White 0.06 mg/ml YPD	Caffeine 1 mg/ml YPD	Fluconazole (µg)	
					0.065 YPD	0.65 YPD
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
0	0	2	2	2	2	2
0	0	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	2
1	1	1	2	1	1	1
1	1	1	2	1	1	1
2	2	2	2	2	2	2
2	2	2	2	2	2	2
2	2	2	2	2	2	3
2	2	2	2	2	2	3

; /ml)	Caspofungin (µg/ml)			Ambisome ^A
	6.5 YPD	0.032 YPD	0.32 YPD	3.2 YPD
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	1	1	1	2
0	1	1	1	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2
0	2	2	2	2

Supplementary Table S6. Stress and drug resistance of *C. albicans* mutants.

Resistance to stressors and antifungal drugs was tested by plating serial dilutions of the pairs of independent homozygous null mutants (A,B) for the nine target loci on rich (YPD) or minimal media (YNB) containing the specified stressor at the specified concentration (e.g. Supplementary Figure 2). Plates were incubated at 30 °C (unless specified otherwise) for 48 h, imaged, and the growth in the presence of stressor was estimated relative to growth in the absence of stressor: 0, no growth, dark pink; 1, low growth, light pink; 2, normal growth, white; 3, enhanced growth, green. The data represent median values from three independent experiments. Note that *nce103* phenotypes were tested under 5% CO₂; nd, not done; na, not applicable.