

Table S1 Strains and plasmids used in this study

Strains	Genotype	Source/reference
H99	MATalpha	[1]
KN99alpha	MATalpha	[2]
KN99a	MATa	[2]
CUX2	MATalpha <i>fbp1::NEO</i>	[3]
CUX3	MATa <i>fbp1::NEO</i>	[3]
CUX403	MATalpha <i>fbp3::NAT</i>	[4]
CUX404	MATalpha <i>fbp11::NAT</i>	[4]
CUX405	MATalpha <i>fbp20::NAT</i>	[4]
CUX407	MATalpha <i>fbp5::NAT</i>	[4]
CUX776	MATalpha <i>fbp8::NAT</i>	[4]
CUX777	MATalpha <i>fbp10::NAT</i>	[4]
CUX778	MATalpha <i>fbp9::NAT</i>	[4]
CUX780	MATalpha <i>fbp4::NAT</i>	[4]
CUX781	MATalpha <i>fbp15::NAT</i>	[4]
CUX782	MATalpha <i>fbp16::NAT</i>	[4]
CUX783	MATalpha <i>fbp18NAT</i>	[4]
CUX1281	MATalpha <i>fbp17::NAT</i>	[4]
CUX1282	MATalpha <i>fbp2::NAT</i>	[4]
CUX1228	MATa <i>fbp5::NAT</i>	This study
CUX1229	MATa <i>fbp8::NAT</i>	This study
CUX1230	MATa <i>fbp10::NAT</i>	This study
CUX1231	MATa <i>fbp9::NAT</i>	This study
CUX1232	MATa <i>fbp4::NAT</i>	This study
CUX1233	MATa <i>fbp16::NAT</i>	This study
CUX1234	MATa <i>fbp18::NAT</i>	This study
CUX1276	MATa <i>fbp3::NAT</i>	This study
CUX1277	MATa <i>fbp11::NAT</i>	This study
CUX1278	MATa <i>fbp20::NAT</i>	This study
CUX1279	MATa <i>fbp15::NAT</i>	This study
CUX1283	MATalpha <i>fbp19::NAT</i>	This study
CUX1284	MATalpha <i>fbp7::NAT</i>	This study
CUX1285	MATalpha <i>fbp12::NAT</i>	This study
CUX1286	MATalpha <i>fbp6::NAT</i>	This study
CUX1287	MATalpha <i>fbp13::NAT</i>	This study
CUX1297	MATa <i>fbp2::NAT</i>	This study
CUX1298	MATa <i>fbp6::NAT</i>	This study
CUX1299	MATa <i>fbp7::NAT</i>	This study
CUX1300	MATa <i>fbp12::NAT</i>	This study
CUX1301	MATa <i>fbp13::NAT</i>	This study
CUX1302	MATa <i>fbp17NAT</i>	This study
CUX1303	MATa <i>fbp19NAT</i>	This study
CUX1319	MATa <i>fbp4::NAT fbp11::NAT</i>	This study
CUX1320	MATalpha <i>fbp4::NAT fbp11::NAT</i>	This study
CUX1322	MATalpha <i>fbp11::NAT FBPI1::NEO</i>	This study
CUX1323	MATalpha <i>fbp4::NAT FBP4::NEO</i>	This study
CUX1324	MATalpha <i>fbp8::NAT FBP8::NEO</i>	This study

Reference

- 1 Perfect, J. R., Schell, W. A. & Rinaldi, M. G. Uncommon invasive fungal pathogens in the acquired immunodeficiency syndrome. *J Med Vet Mycol* **31**, 175-179 (1993).
- 2 Nielsen, K. *et al.* Sexual cycle of *Cryptococcus neoformans* var. *grubii* and virulence of congenic α and α isolates. *Infect Immun* **71**, 4831-4841, doi:10.1128/iai.71.9.4831-4841.2003 (2003).
- 3 Liu, T. B. *et al.* The F-Box protein Fbp1 regulates sexual reproduction and virulence in *Cryptococcus neoformans*. *Eukaryot Cell* **10**, 791-802, doi:10.1128/EC.00004-11 (2011).
- 4 Chun, C. D. & Madhani, H. D. Applying genetics and molecular biology to the study of the human pathogen *Cryptococcus neoformans*. *Methods Enzymol* **470**, 797-831, doi:10.1016/S0076-6879(10)70033-1 (2010).