

TABLE S1

***C. neoformans* strains and primers used in this study**

Strain	Genotype	Parent	Reference
H99	<i>MAT<math>\alpha</math></i>		(Perfect <i>et al.</i> , 1993)
H99-Eunich	<i>MAT<math>\alpha</math></i>	H99	
BE7-151	<i>MAT<math>\alpha</math> atf1<math>\Delta</math>::HYG</i>	H99-Eunich	
YSB64	<i>MAT<math>\alpha</math> hog1<math>\Delta</math>::NAT-STM#177</i>	H99	(Bahn <i>et al.</i> , 2005)
YSB261	<i>MAT<math>\alpha</math> ssk1<math>\Delta</math>::NAT-STM#205</i>	H99	(Bahn <i>et al.</i> , 2006)
YSB349	<i>MAT<math>\alpha</math> skn7<math>\Delta</math>::NAT-STM#201</i>	H99	(Bahn <i>et al.</i> , 2006)
YSB733	<i>MAT<math>\alpha</math> P<sub>CTR</sub>::CAN2</i>	H99	This study
YSB734	<i>MAT<math>\alpha</math> P<sub>CTR</sub>::CAN2</i>	H99	This study
YSB735	<i>MAT<math>\alpha</math> P<sub>CTR</sub>::CAN2</i>	H99	This study
YSB667	<i>MAT<math>\alpha</math> cas3<math>\Delta</math>::NAT-STM#122</i>	H99	This study
YSB668	<i>MAT<math>\alpha</math> cas3<math>\Delta</math>::NAT-STM#122</i>	H99	This study
YSB669	<i>MAT<math>\alpha</math> cas3<math>\Delta</math>::NAT-STM#122</i>	H99	This study
YSB676	<i>MAT<math>\alpha</math> atf1<math>\Delta</math>::NAT-STM#220</i>	H99	This study
YSB678	<i>MAT<math>\alpha</math> atf1<math>\Delta</math>::NAT-STM#220</i>	H99	This study
YSB679	<i>MAT<math>\alpha</math> atf1<math>\Delta</math>::NAT-STM#220</i>	H99	This study

  

Primer Name	Sequence	Comment
B79	TGTGGATGCTGGCGGAGGATA	<i>ACT1</i> promoter screening oligo
B93	CTATGCTGTAATGACTGAGCC	CAN2 CR2
B354	GCATGCAGGATTCGAGTG	NAT/CTR Left
B355	GATTGGTGAAGTCGTTGTCC	NAT/CTR Right
B356	CATTTTCGCTTGCCATAAGTG	CAN2 CSO1
B357	CACCTTCTTGATTGTAGGGG	CAN2 CL1
B358	<u>CACTCGAATCCTGCATGCAAACCCCAACCAACCCCGATTG</u>	CAN2 CL2
B359	<u>CGACAACGACTTCACCAATCATGCCTTTCCACGCTGAACC</u>	CAN2 CR1
B1026	GTAAAACGACGGCCAGTGAGC	M13F extended
B1027	CAGGAAACAGCTATGACCATG	M13R extended
B1243	GAGTAGAGGAGTGGATTGGG	ATF1-L1 for the left flanking region
B1244	<u>GCTCACTGGCCGTCGTTTTACCCATTGTTCAAGCAGAGC</u>	ATF1 L2 for the left flanking region
B1245	<u>CATGGTCATAGCTGTTTCCTGGGCTTACTGCTATCTTGATGC</u>	ATF1 R1 for the right flanking region
B1246	GAAAGAGGAACTACATACTGGGTC	ATF1 R2 for the right flanking region
B1247	GTCTTTTGCTCCTTGAAACC	ATF1 screening oligo paired with B79
B1377	ATTGATTCCAGCAGACCCC	ATF1 southern probe paired with B1780

B1454	AAGGTGTTCCCCGACGACGAATCG	NAT Split marker Right (NSR)
B1455	AACTCCGTCGCGAGCCCCATCAAC	NAT Split Marker Left (NSL)
B1780	ACCAGGTGTAAACCCAGTCC	ATF1 southern probe paired with B1377
B1817	AAAACCTGGGCGGAACACAG	CAS3 screening oligo paired with B79
B1818	CGTCGGACATTCATCAATCTAC	CAS3 L1 for the left flanking region
B1819	<u>GCTCACTGGCCGTCGTTTTACTTGGCAGGAAGAGAGTTATG</u>	CAS3 L2 for the left flanking region
B1820	<u>CATGGTCATAGCTGTTTCCTGGCATAGTGTGGCTGACTTTAG</u>	CAS3 R1 for the right flanking region
B1821	ATGGTCCCCTGCTCACTATCC	CAS3 R2 for the right flanking region
B1829	CCGAAGCCTTTTGTGACTAC	CAS3 southern probe oligo

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Each *NAT-STM#* indicates the *Nat<sup>r</sup>* marker with a unique signature tag.

**References for Table S1**

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