Supplemental materials

**Figure S1. Karyotypes of all colonies selected on fluconazole**
Karyotypes of parent strain H99 and all 39 sequenced colonies, (with their isolate number as indicated) were visualized using YMAP (1). The chromosome copy number is indicated as a log$_2$ ratio relative to the haploid H99 reference strain on the y axis, with 1 copy at the midline, clipped to show a maximum of 2 copies. The x axis shows the positions of the reads on each chromosome, mapped relative to reference strain H99.

**Figure S2. Spot assays detect growth in the presence of FLC**
All 39 isolates were diluted in 10x steps from $10^7$ cells/ml to $10^5$ cells/ml (from high to low cell density as indicated by the black triangle) on YPD plates supplemented with FLC concentrations as indicated. Plates were incubated at 30°C for 3 days and photographed.

**Reference**

1. Abbey DA, Funt J, Lurie-Weinberger MN, Thompson DA, Regev A, Myers CL, Berman J. 2014. YMAP: a pipeline for visualization of copy number variation and loss of heterozygosity in eukaryotic pathogens. Genome Med 6:100.
Figure S1

|       | Chr1 | Chr2 | Chr3 | Chr4 | Chr5 | Chr6 | Chr7 | Chr8 | Chr9 | Chr10 | Chr11 | Chr12 | Chr13 | Chr14 |
|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| H99   |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-1 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-2 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-3 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-4 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-5 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-6 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-7 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-8 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-9 |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-10|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-11|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-12|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-13|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-14|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-15|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-16|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-17|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-18|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-19|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-20|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-21|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-22|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-23|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-24|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-25|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-26|      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| P32-27|      |      |      |      |      |      |      |      |      |       |       |       |       |       |

**Parent**

**32 μg/ml fluconazole adaptors**
Figure S2

32 µg/ml fluconazole adaptors

64 µg/ml fluconazole adaptors

128 µg/ml fluconazole adaptors

YPD + fluconazole (µg/ml)

Parent
P32-1
P32-2
P32-3
P32-4
P32-5
P32-6
P32-7
P32-8
P32-9
P32-10
P32-11
P32-12
P32-13
P32-14
P32-15
P32-16
P32-17
P32-18
P32-19
P32-20
P32-21
P32-22
P32-23
P32-24
P32-25
P32-26
P32-27

0
32
64
128

Parent
P64-1
P64-2
P64-3
P64-4
P64-5
P64-6
P64-7
P64-8
P64-9

0
32
64
128

Parent
P128-1
P128-2
P128-3

0
32
64
128