

Supplemental Table S1. List of selective compounds tested in the flucytosine combinational study

NCGC ID	Compound name
NCGC00094815-06	Broxyquinoline
NCGC00274060-05	Posaconazole
NCGC00179034-21	Pentamidine
NCGC00160664-05	Nitroxoline
NCGC00386349-01	Anidulafungin
NCGC00163597-03	Myriocin
NCGC00164622-02	Voriconazole
NCGC00345886-01	Caspofungin
NCGC00160566-02	Broquinaldol
NCGC00025000-09	Ketoconazole
NCGC00018098-09	Diiodohydroxyquinoline
NCGC00016533-23	Sulfamethoxazole
NCGC00016391-13	Clioquinol
NCGC00090808-16	Amphotericin B

Supplemental Table S2. Hits from present study and reported by Wall et al.

Drug name	Wall et al		Present study		In our library
	% inhibition (20 μ M)	IC ₅₀ (μ M)	% inhibition (7.7 μ M)	IC ₅₀ (μ M)	
R(-) Apomorphine hydrochloride hemihydrate	>90%	6.928			No
Suloctidil	>90%	Not confirmed	0%		Yes
Ebselen	>90%	1.413			No
Nisoldipine	79%	29.42	0%		Yes
Argatroban	>90% (on single plate)	Not Confirmed	0%		Yes
Dimethisoquin hydrochloride	70%	28.61	15.4%		Yes
Pentetic acid	>90%	11.15	72.4%	Not confirmed	Yes
Pentamidine isethionate	87%	72.94	40.2%	Not confirmed	Yes
Pyrvinium pamoate	75%	7.192			No
Thimerosal	>90%	N/A	97.5%	N/A due to known toxicity	Yes
Clioquinol	>90%	N/A	96.3%	1.54	Yes
Thonzonium bromide	>90%	N/A	12.9%		Yes
Hexachlorophene	>90%	N/A	0%		Yes
Chlorhexidine	>90%	N/A	0%		Yes
Chloroxine	>90%	N/A	99.8%	1.54	Yes
Dequalinium dichloride	>90%	N/A	52.8%	Not confirmed	Yes
Methyl benzethonium chloride	>90%	N/A	0%		Yes
Benzethonium chloride	>90%	N/A	0%		Yes
Alexidine dihydrochloride	>90%	N/A	97.7%	5.45	Yes
Merbromin	>90%	N/A			No
Cycloheximide	>90%	N/A	95.9%	2.73	Yes
Tioconazole	>90%	N/A	30.8%	5.45 (30 % efficacy)	Yes
Ketoconazole	>90%	N/A	91.2%	1.72	Yes
Ciclopirox ethanolamine	>90%	N/A	57.0%	7.90	Yes
Terconazole	>90%	N/A			No
Voriconazole	>90%	N/A	88.8%	4.33	Yes
Flucytosine	>90%	N/A	95.3%	0.97	Yes

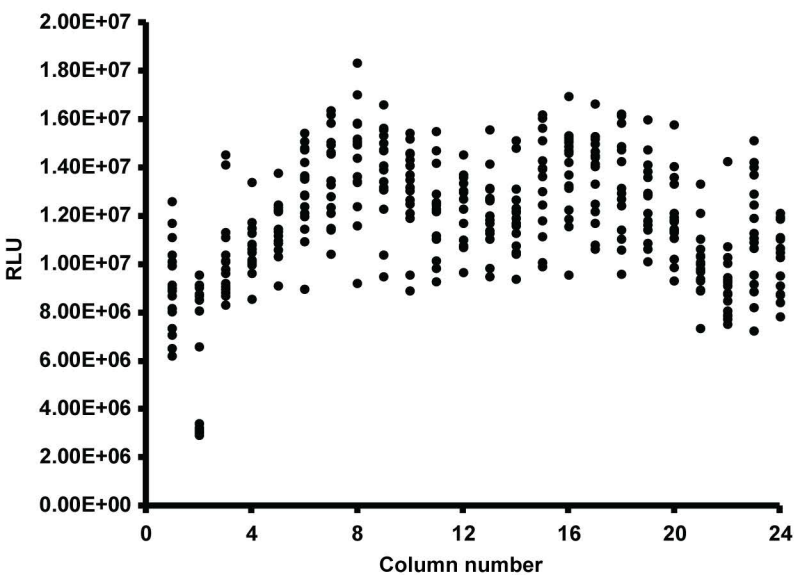
Supplemental Table S3. Protocol for ATP-based antifungal susceptibility assays

Step	Parameter	Value	Description
1	Medium	22.5 μ l/well	RPMI Medium
2	Compound	0.023 μ l/well	Compound in DMSO or H ₂ O
3	<i>Candida auris</i>	7.5 μ l/well	<i>Candida auris</i> in RPMI Medium
4	Incubate	24 h	35 °C, 5%CO ₂
5	Detection reagent	20 μ l/well	ATP content assay reagent
6	Incubate	10 min	Room temperature
7	Read	Luminescence mode	EnVision

Figure S1

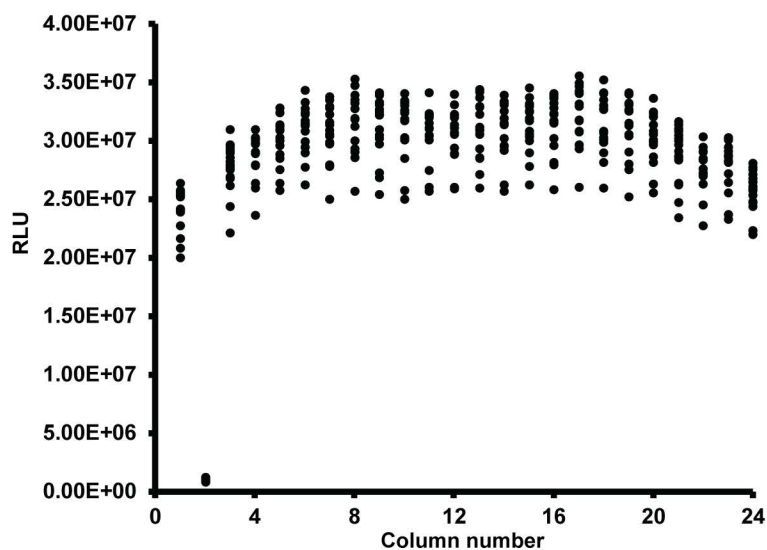
(A)

Strain 0384: DMSO with positive control plate



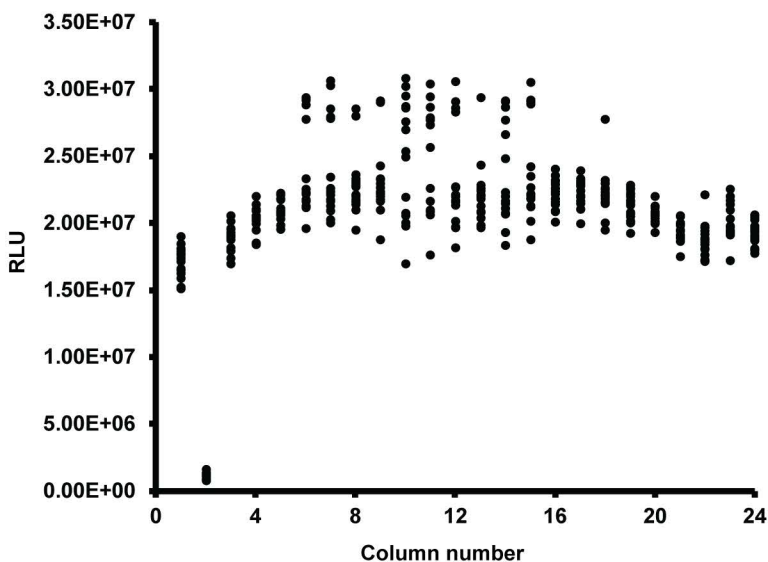
(B)

Strain 0385: DMSO with positive control plate



(C)

Strain 0390: DMSO with positive control plate



(D)

Statistic table:

	0384	0385	0390
S/B	3.88	26.59	24.44
CV (%) ¹	18.78	10.17	14.41
Z' ¹	0.19	0.67	0.54

¹ normalized against micafungin treated wells

Figure S1. DMSO control plates. Scatterplots of DMOS plate for strains (A) 0384, (B) 0385, and (C) 0390. (D) Statistical values for each strain.