



## Supplementary material

**Table S1:** The following table contains all the information acquired during the work to perform the statistical analysis of the data. It includes the PMIC and MBEC<sub>50</sub> values for each individual *Candida* strain, from which susceptibility could be assessed according to the EUCAST reference breakpoints [15]. For each strain, the respective category of low, medium and high biofilm producer and low, medium and high metabolic activity, evaluated according to tertile analysis, is also given.

N.	Strain	Material	PMIC (mg/l)	MBEC <sub>50</sub> (mg/l)	PMIC BP	MBEC <sub>50</sub> BP	CV Category	AB Category
1	<i>Candida albicans</i>	Blood	0,5	16	S	R	LBF	MMA
2	<i>Candida albicans</i>	Blood	<=0.12	16	S	R	LBF	MMA
3	<i>Candida albicans</i>	Blood	0,25	0,25	S	S	LBF	LMA
4	<i>Candida albicans</i>	Blood	0,25	16	S	R	LBF	LMA
5	<i>Candida albicans</i>	Blood	0,25	0,25	S	S	LBF	LMA
6	<i>Candida albicans</i>	Blood	<=0,012	0,03	S	S	HBF	MMA
7	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	HMA
8	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	HMA
9	<i>Candida albicans</i>	Blood	0,06	0,06	S	S	HBF	HMA
10	<i>Candida albicans</i>	Blood	0,5	16	S	R	HBF	HMA
11	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	HMA
12	<i>Candida albicans</i>	Blood	0,5	16	S	R	MBF	MMA
13	<i>Candida albicans</i>	Blood	0,25	16	S	R	MBF	HMA
14	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	HMA
15	<i>Candida albicans</i>	Blood	0,25	1	S	S	MBF	HMA
16	<i>Candida albicans</i>	Blood	0,25	0,5	S	S	HBF	MMA
17	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	MMA
18	<i>Candida albicans</i>	Blood	0,25	8	S	R	HBF	HMA
19	<i>Candida albicans</i>	Blood	0,25	16	S	R	MBF	HMA
20	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	MMA
21	<i>Candida albicans</i>	Blood	0,25	16	S	R	HBF	MMA
22	<i>Candida albicans</i>	Other material	0,25	16	S	R	MBF	LMA
23	<i>Candida albicans</i>	Other material	0,5	8	S	R	MBF	LMA
24	<i>Candida albicans</i>	Other material	0,25	16	S	R	MBF	LMA
25	<i>Candida albicans</i>	Other material	0,25	16	S	R	HBF	MMA
26	<i>Candida albicans</i>	Other material	0,25	2	S	S	HBF	LMA
27	<i>Candida albicans</i>	Other material	0,25	16	S	R	HBF	MMA
28	<i>Candida albicans</i>	Other material	0,5	16	S	R	MBF	MMA
29	<i>Candida albicans</i>	Other material	0,25	1	S	S	MBF	LMA



30	<i>Candida albicans</i>	Other material	0,25	16	S	R	HBF	HMA
31	<i>Candida albicans</i>	Other material	0,25	8	S	R	HBF	HMA
32	<i>Candida albicans</i>	Other material	0,25	8	S	R	HBF	MMA
33	<i>Candida albicans</i>	Other material	0,25	0,25	S	S	MBF	LMA
34	<i>Candida albicans</i>	Other material	0,25	16	S	R	MBF	MMA
35	<i>Candida albicans</i>	Other material	0,5	16	S	R	MBF	MMA
36	<i>Candida albicans</i>	Other material	0,25	16	S	R	MBF	HMA
37	<i>Candida albicans</i>	Other material	0,25	16	S	R	MBF	HMA
38	<i>Candida albicans</i>	Other material	0,25	16	S	R	HBF	HMA
39	<i>Candida glabrata</i>	Blood	16	16	I	R	MBF	MMA
40	<i>Candida glabrata</i>	Blood	8	8	I	I	LBF	HMA
41	<i>Candida glabrata</i>	Blood	32	16	R	R	LBF	HMA
42	<i>Candida glabrata</i>	Blood	16	16	I	R	LBF	HMA
43	<i>Candida glabrata</i>	Blood	32	16	R	R	LBF	HMA
44	<i>Candida glabrata</i>	Blood	2	16	I	R	LBF	LMA
45	<i>Candida glabrata</i>	Blood	0,5	16	I	R	MBF	LMA
46	<i>Candida glabrata</i>	Blood	16	16	I	R	LBF	LMA
47	<i>Candida glabrata</i>	Blood	0,5	8	I	I	LBF	LMA
48	<i>Candida glabrata</i>	Other material	32	16	R	R	LBF	LMA
49	<i>Candida glabrata</i>	Other material	8	16	I	R	MBF	LMA
50	<i>Candida parapsilosis</i>	Blood	64	16	R	R	MBF	MMA
51	<i>Candida parapsilosis</i>	Blood	0,5	8	S	R	LBF	LMA
52	<i>Candida parapsilosis</i>	Blood	<=0.12	1	S	S	LBF	LMA
53	<i>Candida parapsilosis</i>	Blood	0,25	16	S	R	MBF	MMA
54	<i>Candida parapsilosis</i>	Blood	32	16	R	R	MBF	HMA
55	<i>Candida parapsilosis</i>	Blood	0,5	0,5	S	S	LBF	HMA
56	<i>Candida parapsilosis</i>	Blood	0,25	8	S	R	LBF	LMA
57	<i>Candida parapsilosis</i>	Blood	0,5	16	S	R	HBF	HMA
58	<i>Candida parapsilosis</i>	Blood	32	16	R	R	MBF	MMA
59	<i>Candida parapsilosis</i>	Blood	32	16	R	R	MBF	HMA
60	<i>Candida parapsilosis</i>	Blood	0,5	1	S	S	HBF	LMA
61	<i>Candida parapsilosis</i>	Blood	32	16	R	R	HBF	LMA
62	<i>Candida parapsilosis</i>	Blood	1	16	S	R	LBF	MMA
63	<i>Candida parapsilosis</i>	Blood	64	16	R	R	LBF	MMA
64	<i>Candida parapsilosis</i>	Blood	32	16	R	R	LBF	LMA
65	<i>Candida parapsilosis</i>	Blood	0,5	16	S	R	MBF	HMA
66	<i>Candida parapsilosis</i>	Blood	32	16	R	R	LBF	HMA
67	<i>Candida parapsilosis</i>	Blood	32	16	R	R	LBF	HMA
68	<i>Candida parapsilosis</i>	Blood	1	8	S	R	MBF	LMA
69	<i>Candida parapsilosis</i>	Blood	0,25	16	S	R	LBF	LMA



70	<i>Candida parapsilosis</i>	Blood	0,5	2	S	S	LBF	LMA
71	<i>Candida parapsilosis</i>	Blood	32	16	R	R	LBF	LMA
72	<i>Candida parapsilosis</i>	Blood	64	16	R	R	LBF	HMA
73	<i>Candida parapsilosis</i>	Other material	2	2	S	S	LBF	LMA
74	<i>Candida parapsilosis</i>	Other material	16	16	S	R	LBF	LMA
75	<i>Candida parapsilosis</i>	Other material	2	2	S	S	MBF	LMA
76	<i>Candida tropicalis</i>	Blood	1	16	S	R	MBF	MMA
77	<i>Candida tropicalis</i>	Blood	0,5	16	S	R	HBF	MMA
78	<i>Candida tropicalis</i>	Blood	2	2	S	S	HBF	MMA
79	<i>Candida tropicalis</i>	Blood	16	16	R	R	MBF	HMA
80	<i>Candida tropicalis</i>	Blood	64	16	R	R	HBF	MMA
81	<i>Candida tropicalis</i>	Blood	1	16	S	R	HBF	MMA
82	<i>Candida tropicalis</i>	Other material	1	16	S	R	HBF	MMA
83	<i>Candida tropicalis</i>	Other material	4	16	R	R	HBF	MMA

PMIC: minimum inhibitory concentration of the planktonic form.

MBEC<sub>50</sub>: minimum concentration of 50% eradication of the biofilm.

PMIC and MBEC<sub>50</sub> BP: breackpoint as susceptible (S), susceptible, increased exposure (I) and resistant (R), according EUCAST breakpoints [15].

CV category: *Candida* strains with low (LBF), moderate (MBF), and high (HBF) biofilm-forming capabilities.

AB category: *Candida* strains with low (LMA), moderate (MMA), and high (HMA) metabolic activities.

**Table S2:** The increase in resistance by moving from PMIC to MBEC<sub>50</sub> can be seen in the table. For statistical analysis, each *Candida* species analyzed was divided according to LBF, MBF, and HBF categories and according to the degree of susceptibility (S, I, R), based on the respective reference breakpoints listed by EUCAST [15].

PMIC: minimum inhibitory concentration of the planktonic form; MBEC<sub>50</sub>: minimum 50% eradication concentration of the biofilm; S: susceptible; I: susceptible, increased exposure; R: resistant.

Spieces		Blood			Other materials			Blood (%)			Other materials (%)		
<i>Candida albicans</i>		LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF
<i>PMIC</i>	S	5	4	12	0	10	7	100%	100%	100%	0%	100%	100%
	R	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%
<i>MBEC<sub>50</sub></i>	S	2	1	3	0	2	1	40%	25%	25%	0%	20%	14%
	R	3	3	9	0	8	6	60%	75%	75%	0%	80%	86%
Total		5	4	12	0	10	7	60%	75%	75%	/	80%	86%

Spieces	Blood			Other materials			Blood (%)			Other materials (%)		
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<i>Candida parapsilosis</i>		LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF
PMIC	S	7	3	2	2	1	0	54%	43%	67%	100%	100%	0%
	R	6	4	1	0	0	0	46%	57%	33%	0%	0%	0%
MBEC <sub>50</sub>	S	3	0	1	1	1	0	23%	0%	33%	50%	100%	0%
	R	10	7	2	1	0	0	77%	100%	67%	50%	0%	0%
Total		13	7	3	2	1	0	31%	43%	33%	50%	0%	/

Spieces		Blood			Other materials			Blood (%)			Other materials (%)		
<i>Candida glabrata</i>		LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF
PMIC	S	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%
	I	5	2	0	0	1	0	71%	100%	0%	0%	100%	0%
	R	2	0	0	1	0	0	29%	0%	0%	100%	0%	0%
MBEC <sub>50</sub>	S	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%
	I	2	0	0	0	0	0	29%	0%	0%	0%	0%	0%
	R	5	2	0	1	1	0	71%	100%	0%	100%	100%	0%
Total		7	2	0	1	1	0	43%	100%	/	0%	100%	/

Spieces		Blood			Other materials			Blood (%)			Other materials (%)		
<i>Candida tropicalis</i>		LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF	LBF	MBF	HBF
PMIC	S	0	1	3	0	0	1	0%	50%	75%	0%	0%	50%
	R	0	1	1	0	0	1	0%	50%	25%	0%	0%	50%
MBEC <sub>50</sub>	S	0	0	1	0	0	0	0%	0%	25%	0%	0%	0%
	R	0	2	3	0	0	2	0%	100%	75%	0%	0%	100%
Total		0	2	4	0	0	2	/	50%	50%	/	/	50%