

Table S1. Phenotypic, genotypic and MALDI-ToF identification profiling of clinical and reference yeast and yeast-like isolates analyzed in this study^a

Strain ^b	Source of specimen ^c	Patient feature			Phenotypic identification	Genotypic identification ^f		MALDI ToF identification	
		Age ^d	Unit ^e	Candidiasis	Vitek 2	Species	Score (% identity)	Species, strain	Score ^g (MT)
1E	Blood culture	2y	ICU	Invasive	<i>Candida albicans</i>			<i>C. albicans</i> ATCC 10231	2.28
2E	Blood culture	2m	ICU	Invasive	<i>Candida guilliermondii</i>			<i>Pichia guilliermondii</i> CBS 566	2.19
3E	Blood culture	1m	Surgery	Invasive	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.09
4C	CVC	9y	Surgery	Catheter-related	<i>Candida glabrata</i>			<i>C. glabrata</i> 31 PBS	2.28
5E	Blood culture	12y	Pediatrics	Invasive	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.10
6E	Blood culture	18y	Pediatrics	Invasive	<i>Cryptococcus neoformans</i>			<i>C. neoformans</i> ATCC 14116	2.13
7P	Peritoneal fluid	12d	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.25
8C	CVC	5y	Pediatrics	Catheter-related	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.33
9C	Umbilical catheter	8d	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.40
11E	Blood culture	8y	Pediatrics	Invasive	<i>C. neoformans</i>			<i>C. neoformans</i> RV 07_02 18	1.80
12L	Peritoneal fluid	10y	Pediatrics	Deep-seated	<i>Candida parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.43
13E	Blood culture	9m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.42
14E	Blood culture	12d	Surgery	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.15
15E	Blood culture	1y	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.05
16E	Blood culture	6m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.16
17E	Blood culture	11d	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.35
18O	Biopsy	4y	Surgery	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.27

19L	Peritoneal fluid	10y	Pediatrics	Deep-seated	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> 26 PSB	2.07
20E	Blood culture	7m	Surgery	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.25
21P	Peritoneal fluid	3m	Pediatrics	Deep-seated	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.36
22E	Blood culture	5y	Onco-hematology	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> 26 PSB	2.09
23E	Blood culture	3y	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.39
24E	Blood culture	2m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.26
25E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.17
26E	Blood culture	1d	Surgery	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.30
27E	Blood culture	20d	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.30
28E	Blood culture	7m	ICU	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> 26 PBS	1.98
29E	Blood culture	6m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.42
30E	Blood culture	5m	Pediatrics	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> 26 PBS	2.13
31E	Blood culture	6m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.29
32E	Blood culture	10y	Pediatrics	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.11
33E	Blood culture	2m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.19
34C	CVC	7m	ICU	Catheter-related	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.39
35E	Blood culture	3y	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.53
36E	Blood culture	3y	Pediatrics	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.50
37P	Peritoneal fluid	3y	Pediatrics	Deep-seated	<i>C. guilliermondii</i>	<i>P. guilliermondii</i> CBS 566	2.24
38E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.05
39E	Blood culture	10d	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.18
40E	Blood culture	1m	ICU	Invasive	<i>C. guilliermondii</i>	<i>P. guilliermondii</i> CBS 566	2.09

41E	Blood culture	3y	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.42
42E	Blood culture	1m	Surgery	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.37
43E	Blood culture	3y	ICU	Invasive	<i>Candida intermedia</i>	<i>Candida pseudointermedia</i>	98	Not identified	
44E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i>	100	Not identified	
45P	Peritoneal fluid	5y	Pediatrics	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.11
46P	Peritoneal fluid	15y	Pediatrics	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.22
47E	Blood culture	1m	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> DSM 4237	2.32
48C	CVC	4y	Pediatrics	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.42
49C	CVC	1m	Surgery	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.28
50C	CVC	1y	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.47
51E	Blood culture	4y	ICU	Invasive	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.32
52C	Percutaneous catheter	1y	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.26
53C	CVC	1y	Pediatrics	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.40
54C	Percutaneous catheter	1y	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.48
55E	Blood culture	1d	Pediatrics	Invasive	<i>Candida tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	2.23
56E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.44
57E	Blood culture	1y	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.26
58E	Blood culture	5y	Onco-hematology	Invasive	<i>Candida lusitanae</i>			<i>Clavispora lusitanae</i> 45 PSB	2.45
59E	Blood culture	9y	Onco-hematology	Invasive	<i>Candida krusei</i>	<i>Pichia cactophila</i>	99	<i>P. cactophila</i> CBS 620	2.32
60E	Blood culture	3y	Pediatrics	Invasive	<i>Candida rugosa</i>			<i>C. rugosa</i> DSM 70761	1.99
61E	Blood culture	15y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.36
62E	Blood culture	1y	Surgery	Invasive	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.25

63C	Umbilical catheter	1y	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.53
64E	Blood culture	3y	ICU	Invasive	<i>C. rugosa</i>			<i>C. rugosa</i> DSM 70761	1.93
65E	Blood culture	5y	Pediatrics	Invasive	<i>Saccharomyces cerevisiae</i>	<i>S. cerevisiae</i>	100	Not identified	
66E	Blood culture	2m	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.24
67E	Blood culture	1y	Onco-hematology	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PBS	1.79
68E	Blood culture	5y	Pediatrics	Invasive	<i>Candida colliculosa</i>	<i>S. cerevisiae</i>	99	Not identified	
69E	Blood culture	1y	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.20
70E	Blood culture	2y	Pediatrics	Invasive	<i>Geotricum capitatum</i>	<i>Dipodascus capitatus</i>	99	Not identified	
71E	Blood culture	8y	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.05
72E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.02
73E	Blood culture	1m	Surgery	Invasive	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.12
74O	Biopsy	1m	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.20
75E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.00
76C	Peritoneal catheter	3y	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PBS	1.91
77C	CVC	1y	Onco-hematology	Catheter-related	<i>C. tropicalis</i>	<i>C. tropicalis</i>	100	Not identified	
78E	Blood culture	1m	Pediatrics	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i>	100	Not identified	
79L	CSF	10d	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	1.91
80E	Blood culture	1y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	1.75
81E	Blood culture	26y	Pediatrics	Invasive	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> INVSc1 BRL	1.78
82E	Blood culture	8m	Pediatrics	Invasive	<i>S. cerevisiae</i>	<i>S. cerevisiae</i>	100	Not identified	
83E	Blood culture	15d	Surgery	Invasive	<i>C. tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	2.01
84T	Cutaneous swab	14y	ICU	Superficial	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	1.86

85E	Blood culture	4m	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	1.75
86E	Blood culture	4m	Surgery	Invasive	<i>C. tropicalis</i>	<i>C. tropicalis</i>	100	Not identified	
87C	Umbilical catheter	10d	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	1.98
88E	Blood culture	1y	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.21
89E	Blood culture	2m	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	1.84
90E	Blood culture	4m	ICU	Invasive	<i>C. tropicalis</i>	<i>C. parapsilosis</i>	98	<i>C. parapsilosis</i> 26 PSB	1.94
91E	Blood culture	1d	Pediatrics	Invasive	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	1.99
92C	CVC	1d	Pediatrics	Catheter-related	Not identified	<i>P. guilliermondii</i>	98	<i>P. guilliermondii</i> CBS 566	1.79
93E	Blood culture	1m	ICU	Invasive	<i>C. parapsilosis</i>	<i>P. guilliermondii</i>	100	<i>P. guilliermondii</i> CBS 566	1.92
94E	Blood culture	1m	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	1.94
95E	Blood culture	12y	Pediatrics	Invasive	<i>C. albicans</i>	<i>C. parapsilosis</i>	100	<i>C. parapsilosis</i> 26 PSB	1.86
96E	Blood culture	9y	Onco-hematology	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i>	100	Not identified	
97P	Peritoneal fluid	20d	ICU	Deep-seated	<i>C. lusitaniae</i>	<i>C. albicans</i>	98	<i>C. albicans</i> ATCC 10231	2.12
98E	Blood culture	1y	Pediatrics	Invasive	<i>C. albicans</i>	<i>C. parapsilosis</i>	98	<i>C. parapsilosis</i> 26 PSB	2.07
99C	CVC	1y	Pediatrics	Catheter-related	<i>C. albicans</i>	<i>C. lusitaniae</i>	100	<i>C. lusitaniae</i> CBS 4413	2.11
100P	Peritoneal fluid	17y	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	1.75
101E	Blood culture	1y	ICU	Invasive	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> DTY3 BRL	1.94
102E	Blood culture	1m	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.52
103C	CVC	1y	ICU	Catheter-related	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> DTY3 BRL	1.88
105E	Blood culture	1d	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.37
106E	Blood culture	10y	Onco-hematology	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.57
107C	Percutaneous catheter	2m	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.30

108P	Peritoneal fluid	5m	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.46
109L	CSF	1m	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.46
110C	Umbilical catheter	1d	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.44
111E	Blood culture	3m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.50
112E	Blood culture	1y	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.37
113E	Blood culture	1m	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.39
114E	Blood culture	1y	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.38
115C	Umbilical catheter	7d	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.40
116C	CVC	3m	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.49
117C	Umbilical catheter	10d	ICU	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.30
118E	Blood culture	10m	Pediatrics	Invasive	<i>C. tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	2.34
119C	CVC	3m	Pediatrics	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.42
120C	CVC	9d	ICU	Catheter-related	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.42
121E	Blood culture	8m	Pediatrics	Invasive	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.39
122E	Blood culture	2y	Pediatrics	Invasive	<i>Candida lipolytica</i>	<i>Issatchenkia orientalis</i>	98	Not identified	
123C	Peritoneal catheter	5m	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.41
124E	Blood culture	10d	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.46
125C	CVC	3m	Pediatrics	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.30
126P	Peritoneal fluid	15d	Pediatrics	Deep-seated	<i>C. pseudointermedia</i>	<i>C. pseudointermedia</i>	99	Not identified	
127E	Blood culture	5y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.42
128P	Peritoneal fluid	1y	Pediatrics	Deep-seated	<i>C. intermedia</i>	<i>C. pseudointermedia</i>	98	Not identified	
129E	Blood culture	31y	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.30

130E	Blood culture	3m	Surgery	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.53
131E	Blood culture	20d	ICU	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> 26 PSB	2.17
132C	Peritoneal catheter	3y	Pediatrics	Catheter-related	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.46
133E	Blood culture	4y	Pediatrics	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.40
134C	Peritoneal catheter	2m	ICU	Catheter-related	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.45
135E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.38
136E	Blood culture	3y	Onco-hematology	Invasive	<i>C. guilliermondii</i>	<i>P. guilliermondii</i> DSM 11947	1.75
137E	Blood culture	1y	Surgery	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.18
138E	Blood culture	13y	ICU	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> ATCC 22019	2.39
139E	Blood culture	3m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.47
140C	Umbilical catheter	6d	ICU	Catheter-related	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.47
141C	CVC	5m	Pediatrics	Catheter-related	<i>C. lusitaniae</i>	<i>C. lusitaniae</i> 45 PSB	2.44
142E	Blood culture	24y	Onco-hematology	Invasive	<i>C. krusei</i>	<i>C. krusei</i> ATCC 6258	2.48
143E	Blood culture	1y	Pediatrics	Invasive	<i>C. lusitaniae</i>	<i>C. lusitaniae</i> 45 PSB	2.37
144E	Blood culture	2m	Surgery	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> ATCC 22019	2.33
145P	Peritoneal fluid	1m	ICU	Deep-seated	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.50
146P	Peritoneal fluid	1m	Surgery	Deep-seated	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.41
147C	CVC	13y	Pediatrics	Catheter-related	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.41
148C	CVC	5m	Pediatrics	Catheter-related	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.35
149E	Blood culture	12y	Pediatrics	Invasive	<i>C. parapsilosis</i>	<i>C. parapsilosis</i> ATCC 22019	2.40
150E	Blood culture	2m	ICU	Invasive	<i>C. albicans</i>	<i>C. albicans</i> ATCC 10231	2.49
151E	Blood culture	18y	Pediatrics	Invasive	<i>C. tropicalis</i>	<i>C. tropicalis</i> ATCC 13803	2.33

152E	Blood culture	4y	Pediatrics	Invasive	<i>C. lusitaniae</i>			<i>C. lusitaniae</i> 45 PSB	2.30
153C	CVC	5y	Surgery	Catheter-related	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.04
154E	Blood culture	2y	Onco-hematology	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.30
155E	Blood culture	12y	Onco-hematology	Invasive	<i>G. capitatum</i>	<i>D. capitatus</i>	100	Not identified	
156C	CVC	4m	Surgery	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.59
157E	Blood culture	12y	Onco-hematology	Invasive	<i>C. krusei</i>			<i>I. orientalis</i> DSM 7009	2.31
158E	Blood culture	12y	Onco-hematology	Invasive	<i>Candida norvegensis</i>			<i>Pichia norvegensis</i> 98 PSB	2.34
159E	Blood culture	1y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.52
160P	Peritoneal fluid	4m	Surgery	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.47
161E	Blood culture	12d	Onco-hematology	Invasive	<i>C. albicans</i>	<i>C. parapsilosis</i>	100	Not identified	
162C	CVC	2y	Pediatrics	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.52
163E	Blood culture	1y	Pediatrics	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.48
164E	Blood culture	1m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.46
165P	Peritoneal fluid	3y	Pediatrics	Deep-seated	<i>Candida kefyr</i>			<i>C. kefyr</i> 41 PSB	2.18
166E	Blood culture	18y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.48
167E	Blood culture	1y	Onco-hematology	Invasive	<i>Candida famata</i>	<i>P. guilliermondii</i>	100	<i>P. guilliermondii</i> CBS 566	2.46
168E	Blood culture	1m	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.38
169C	CVC	20y	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.54
170C	Percutaneous catheter	2m	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.57
171E	Blood culture	4y	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.42
173C	CVC	1y	Pediatrics	Catheter-related	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.45
174C	CVC	17y	Pediatrics	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.50

175E	Blood culture	2m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.10
176E	Blood culture	18y	NEQAS ^h	Invasive	<i>C. guilliermondii</i>	<i>P. guilliermondii</i>	98	<i>C. parapsilosis</i> 26 PSB	1.85
177E	Blood culture	4y	Pediatrics	Invasive	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.30
178C	CVC	5y	Surgery	Catheter-related	<i>C. tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	2.25
179E	Blood culture	2y	Onco-hematology	Invasive	<i>C. lusitaniae</i>	<i>C. pseudointermedia</i>	100	Not identified	
180E	Blood culture	12y	Onco-hematology	Invasive	<i>C. colliculosa</i>	<i>C. glabrata</i>	99	<i>C. glabrata</i> ATCC 2001	2.12
181C	CVC	4m	Surgery	Catheter-related	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.30
182E	Blood culture	12y	Onco-hematology	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.19
183E	Blood culture	12y	Onco-hematology	Invasive	<i>C. colliculosa</i>	<i>C. albicans</i>	98	<i>C. albicans</i> ATCC 10231	2.52
184E	Blood culture	1y	Pediatrics	Invasive	<i>C. albicans</i>	<i>C. albicans</i>	100	<i>C. tropicalis</i> ATCC 13803	2.35
185P	Peritoneal fluid	4m	Surgery	Deep-seated	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.36
186E	Blood culture	12d	Onco-hematology	Invasive	<i>C. tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	2.13
187C	CVC	2y	Pediatrics	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.20
188E	Blood culture	1y	Pediatrics	Invasive	<i>G. capitatum</i>	<i>I. orientalis</i>	100	<i>C. krusei</i> 36 PSB	2.38
189E	Blood culture	1m	ICU	Invasive	<i>G. capitatum</i>	<i>C. glabrata</i>	100	<i>C. glabrata</i> ATCC 2001	2.36
190L	Peritoneal fluid	3y	Pediatrics	Deep-seated	<i>C. lipolytica</i>	<i>I. orientalis</i>	100	<i>C. krusei</i> 36 PSB	2.46
191E	Blood culture	18y	Pediatrics	Invasive	<i>C. famata</i>	<i>C. glabrata</i>	100	<i>C. glabrata</i> ATCC 2001	2.15
192L	Peritoneal fluid	1m	ICU	Deep-seated	<i>C. famata</i>	<i>I. orientalis</i>	100	<i>C. krusei</i> ATCC 6258	2.27
193L	Peritoneal fluid	1m	Surgery	Deep-seated	<i>C. famata</i>	<i>C. parapsilosis</i>	100	<i>C. parapsilosis</i> 26 PSB	2.15
194C	CVC	13y	Pediatrics	Catheter-related	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> DTY3 BRL	2.10
195C	CVC	5m	Pediatrics	Catheter-related	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.29
196U	Urine	1y	ICU	Deep-seated	<i>C. kefyr</i>			<i>C. kefyr</i> 41 PSB	2.31

197U	Urine	22y	ICU	Deep-seated	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.21
198F	Stool	12y	Pediatrics	Local	<i>C. tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	2.16
199U	Urine	14y	Pediatrics	Local	<i>C. pseudointermedia</i>	<i>C. pseudointermedia</i>	100	<i>C. glabrata</i> ATCC 2001	2.39
200U	Urine	5y	Pediatrics	Deep-seated	<i>C. famata</i>	<i>C. glabrata</i>	100	<i>C. glabrata</i> ATCC 2001	2.35
202O	BAL	3y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.35
203U	Urine	1y	Pediatrics	Deep-seated	<i>C. pseudointermedia</i>	<i>C. pseudointermedia</i>	100	<i>C. glabrata</i> ATCC 2001	2.13
204O	BAL	1y	Pediatrics	Deep-seated	<i>C. lusitaniae</i>	<i>C. albicans</i>	98	<i>C. albicans</i> ATCC 10231	2.35
205U	Urine	15y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.46
206U	Urine	1y	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.38
207F	Stool	10d	ICU	Local	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.21
208O	BAL	1m	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.13
209F	Stool	11y	Pediatrics	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.37
210O	BAL	33y	Pediatrics	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.23
211T	Vulvar swab	19y	Pediatrics	Deep-seated	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.32
212O	BAL	2y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.12
213U	Urine	6y	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.23
214O	BAL	5y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.23
215F	Stool	2y	ICU	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.27
216O	BAL	12y	Pediatrics	Deep-seated	<i>C. lusitaniae</i>			<i>C. lusitaniae</i> 45 PSB	2.22
217O	BAL	6y	Pediatrics	Deep-seated	<i>C. krusei</i>			<i>C. krusei</i> ATCC 6258	2.46
218O	BAL	1y	Pediatrics	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.26
219O	BAL	2y	Pediatrics	Deep-seated	<i>C. lusitaniae</i>			<i>C. lusitaniae</i> 45 PSB	2.27

220F	Stool	27y	Pediatrics	Local	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> INVSc1 BRL	2.20
221F	Stool	2y	Pediatrics	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.14
222O	BAL	2y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.34
223F	Stool	3y	ICU	Local	<i>C. albicans</i>	<i>C. parapsilosis</i>	100	<i>C. parapsilosis</i> 26 PSB	2.28
224O	BAL	9y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.19
225O	BAL	12y	Surgery	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.28
226T	Ocular swab	5y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.16
227F	Stool	5y	ICU	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.29
228O	BAL	14y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.21
229T	Vulvar swab	2y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.35
230F	Stool	9y	ICU	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.20
231U	Urine	1y	Surgery	Deep-seated	<i>C. parapsilosis</i>	<i>C. parapsilosis</i>	100	<i>C. albicans</i> ATCC 10231	1.84
232I ¹	ATCC 34136				<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PBS	2.39
233O	Sputum	3m	ICU	Local	<i>C. glabrata</i>			<i>C. glabrata</i> 31 PBS	2.39
234T	Throat swab	6y	Pediatrics	Deep-seated	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.36
235I	PV11				<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.24
236O	Sputum	10y	ICU	Local	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.35
237T	Ocular swab	5m	ICU	Deep-seated	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.24
238C	Percutaneous catheter	2m	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.37
239P	Peritoneal fluid	5m	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.35
240L	CSF	1m	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.23
241C	Umbilical catheter	1d	ICU	Catheter-related	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.24

242E	Blood culture	3m	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.00
243E	Blood culture	1y	ICU	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.08
244E	Blood culture	1y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.32
245E	Blood culture	5y	Onco-hematology	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.50
246E	Blood culture	9y	Onco-hematology	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.23
247E	Blood culture	3y	Pediatrics	Invasive	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.37
248E	Blood culture	15y	Pediatrics	Invasive	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.50
249P	Peritoneal fluid	10y	Pediatrics	Deep-seated	<i>C. krusei</i>			<i>C. krusei</i> ATCC 6258	2.53
250E	Blood culture	9m	ICU	Invasive	<i>S. cerevisiae</i>	<i>S. cerevisiae</i>	100	Not identified	
251E	Blood culture	12d	Surgery	Invasive	<i>C. tropicalis</i>			<i>C. tropicalis</i> ATCC 13803	1.86
252E	Blood culture	1y	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.22
253E	Blood culture	6m	ICU	Invasive	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.41
254E	Blood culture	11d	ICU	Invasive	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PSB	2.29
255C	Urinary catheter	2y	ICU	Catheter-related	<i>C. parapsilosis</i>	<i>C. tropicalis</i>	100	<i>C. tropicalis</i> ATCC 13803	2.25
256U	Urine	4y	Onco-hematology	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PBS	2.37
257T	Ocular swab	2y	ICU	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> 26 PBS	2.33
258C	CVC	3y	Onco-hematology	Catheter-related	<i>C. krusei</i>			<i>C. krusei</i> ATTC 14243	2.18
259C	CVC	3y	Onco-hematology	Catheter-related	<i>C. krusei</i>			<i>C. krusei</i> ATTC 14243	2.29
260T	Vaginal swab	17y	Pediatrics	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.34
261O	BAL	9y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.34
262U	Urine	5y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.38
263U	Urine	5y	Pediatrics	Deep-seated	<i>C. lusitaniae</i>			<i>C. lusitaniae</i> CBS 4413	2.22

264O	BAL	14y	ICU	Deep-seated	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.31
265U	Urine	2y	Pediatrics	Deep-seated	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.33
266O	BAL	9y	Pediatrics	Deep-seated	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.32
267O	BAL	3y	Pediatrics	Deep-seated	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.25
268O	BAL	18y	Pediatrics	Deep-seated	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.05
269U	Urine	14y	Pediatrics	Deep-seated	<i>C. glabrata</i>		<i>C. glabrata</i> ATCC 2001	2.19
270C	Urinary catheter	2y	ICU	Catheter-related	<i>C. tropicalis</i>		<i>C. tropicalis</i> ATCC 13803	2.03
271E	Blood culture	1m	ICU	Invasive	<i>C. parapsilosis</i>		<i>C. parapsilosis</i> 26 PSB	2.46
272C	Percutaneous catheter	2m	ICU	Catheter-related	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.32
273E	Blood culture	1d	Surgery	Invasive	<i>C. parapsilosis</i>		<i>C. parapsilosis</i> 26 PSB	2.23
274E	Blood culture	1y	Pediatrics	Invasive	<i>C. lusitaniae</i>		<i>C. lusitaniae</i> 45 PSB	2.28
275E	Blood culture	1y	Onco-hematology	Invasive	<i>G. capitatum</i>	<i>D. capitatus</i>	98	Not identified
276C	CVC	11m	Pediatrics	Catheter-related	<i>C. parapsilosis</i>		<i>C. parapsilosis</i> ATCC 22019	2.31
277F	Stool	1y	Pediatrics	Local	<i>C. glabrata</i>		<i>C. glabrata</i> ATCC 2001	2.38
278T	Wound swab	1m	ICU	Superficial	<i>C. parapsilosis</i>		<i>C. parapsilosis</i> ATCC 22019	2.37
279U	Urine	13y	Pediatrics	Deep-seated	<i>C. albicans</i>		<i>C. albicans</i> DSM 6569	2.37
280O	BAL	5y	Pediatrics	Deep-seated	<i>C. tropicalis</i>		<i>C. tropicalis</i> ATCC 13803	2.16
281C	Vescical catheter	5m	Pediatrics	Catheter-related	<i>C. albicans</i>		<i>C. albicans</i> ATCC 10231	2.41
282F	Stool	8y	Surgery	Local	<i>C. tropicalis</i>		<i>C. tropicalis</i> ATCC 13803	2.43
283F	Stool	8y	Surgery	Local	<i>C. glabrata</i>		<i>C. glabrata</i> ATCC 2001	2.33
284U	Urine	11m	Pediatrics	Deep-seated	<i>C. tropicalis</i>		<i>C. tropicalis</i> ATCC 13803	2.32
285O	BAL	13y	Pediatrics	Deep-seated	<i>C. parapsilosis</i>		<i>C. parapsilosis</i> ATCC 22019	2.34

286F	Stool	2y	Onco-hematology	Local	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> DTY3 BRL	2.04
287F	Stool	1y	Pediatrics	Local	<i>C. neoformans</i>	<i>C. neoformans</i>	98	Not identified	
288T	Vulvar swab	1m	ICU	Local	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.29
289F	Stool	4y	Onco-hematology	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.22
290O	Sputum	18y	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.02
291O	BAL	18d	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.18
292O	BAL	18d	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.21
293F	Stool	1y	Onco-hematology	Local	<i>C. glabrata</i>			<i>C. glabrata</i> ATCC 2001	2.26
294O	Abdominal lavage	5m	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.34
295F	Stool	3d	Surgery	Local	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.10
296F	Stool	2m	Onco-hematology	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.32
297C	Vescical catheter	1y	ICU	Catheter-related	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.36
298C	Vescical catheter	5y	Surgery	Catheter-related	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.45
299T	Throat swab	1y	ICU	Local	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.15
300U	Urine	2y	Surgery	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.36
301O	BAL	8y	ICU	Deep-seated	<i>C. parapsilosis</i>			<i>C. parapsilosis</i> ATCC 22019	2.23
302O	BAL	1m	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.20
303O	Gastric lavage	1m	ICU	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.17
304F	Stool	1m	ICU	Local	<i>S. cerevisiae</i>			<i>S. cerevisiae</i> DTY3 BRL	1.89
305F	Stool	1m	ICU	Local	<i>C. guilliermondii</i>			<i>P. guilliermondii</i> CBS 566	2.04
306E	Blood culture	3y	NEQAS	Invasive	Not identified	<i>Malassezia pachydermatis</i>	99	Not identified	
307O	Gastric lavage	4y	Pediatrics	Deep-seated	<i>C. albicans</i>			<i>C. albicans</i> ATCC 10231	2.29

^aFailure of MALDI-ToF identification or discordant results between phenotypic Vitek-2 identification and MALDI-ToF are shaded in pale and dark grey, respectively.

^bProcessing codes 10C, 104C, 172E, 201U were deleted from this sample panel because they were not revitalized after storage at -80 °C.

^cCVC, central venous catheter; CSF, cerebrospinal fluid; BAL, Bronchoalveolar lavage.

^dAge expressed in years (y); months (m); days (d).

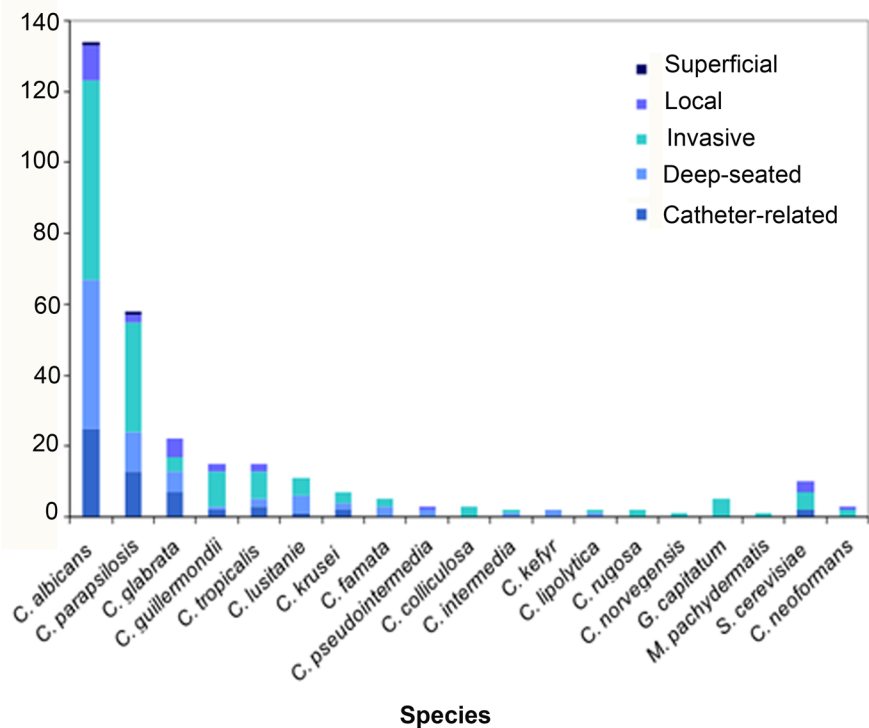
^eICU, intensive care unit.

^fGenotypic identification was performed only for discordant Vitek-2/MS comparisons or where both techniques did not reach a final outcome.

^gMT score, MALDI-ToF BioTyper score.

^hNEQAS, National External Quality Assessment Service, United Kingdom, (reference center for external strain quality control).

ⁱReference strains for internal control.

A**B**