

**Tab. 1**

Species	n. isolates				n. subjects		Abundance value correction	
	MS	HD	% on total MS isolates	% on total HD isolates	MS	HD	MS	HD
<i>Candida albicans</i>	388	30	24.1%	7.7%	9	7	124.71	14.00
<i>Candida parapsilosis</i>	196	19	12.2%	4.8%	4	4	28.00	5.07
<i>Saccharomyces delbrueckii</i>	185	2	11.5%	0.5%	2	2	13.21	0.27
<i>Saccharomyces cerevisiae</i>	99	1	6.2%	0.3%	3	1	10.61	0.07
<i>Pichia membranifaciens</i>	200	0	12.4%	0.0%	1	0	7.14	0.00
<i>Exophiala dermatitidis</i>	76	50	4.7%	12.8%	2	1	5.43	3.33
<i>Candida zeylanoides</i>	123	0	7.6%	0.0%	1	0	4.39	0.00
<i>Aspergillus pseudoglaucus</i>	15	55	0.9%	14.0%	7	1	3.75	3.67
<i>Candida glabrata</i>	84	1	5.2%	0.3%	1	1	3.00	0.07
<i>Exophiala phaeomuriformis</i>	73	0	4.5%	0.0%	1	0	2.61	0.00
<i>Pichia manshurica</i>	70	12	4.4%	3.1%	1	2	2.50	1.60
<i>Rhodotorula mucilaginosa</i>	8	15	0.5%	3.8%	6	3	1.71	3.00
<i>Penicillium commune</i>	11	0	0.7%	0.0%	4	0	1.57	0.00
<i>Aspergillus ruber</i>	19	0	1.2%	0.0%	2	0	1.36	0.00
<i>Galactomyces candidum</i>	16	199	1.0%	50.8%	1	1	0.57	13.27
<i>Trichosporon sp</i>	12	0	0.7%	0.0%	1	0	0.43	0.00
<i>Aspergillus terreus</i>	2	1	0.1%	0.3%	2	1	0.14	0.07
<i>Corynascus sepedonium</i>	4	0	0.2%	0.0%	1	0	0.14	0.00
<i>Pichia fermentans</i>	3	0	0.2%	0.0%	1	0	0.11	0.00
<i>Pyrenochaeta unguis hominis</i>	3	0	0.2%	0.0%	1	0	0.11	0.00
<i>Pichia kudriavzevii</i>	2	0	0.1%	0.0%	1	0	0.07	0.00
<i>Candida orthopsilosis</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Chaetomium brasiliense</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Chaetomium globosum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Cryptococcus albidus</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Cryptococcus diffluens</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Dipodascaceae family isolate</i>	1	0	0.1%	0.0%	1	0	0.04	0.00

<i>Geotrichum candidum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Malassezia globosa</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Penicillium carneum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Penicillium chrysogenum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Penicillium echinulatum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Penicillium expansum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Penicillium infrapurpureum</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Phoma sp</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Talaromyces stollii</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Thelebolus ellipsoideus</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Thielavia sp</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Trichosporon ovoides</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Wickerhamomyces anomalus</i>	1	0	0.1%	0.0%	1	0	0.04	0.00
<i>Candida lusitaniae</i>	0	1	0.0%	0.3%	0	1	0.00	0.07
<i>Debaryomyces hansenii</i>	0	1	0.0%	0.3%	0	1	0.00	0.07
<i>Pichia kluyveri</i>	0	1	0.0%	0.3%	0	1	0.00	0.07
<i>Rhizopus oryzae</i>	0	1	0.0%	0.3%	0	1	0.00	0.07
<i>Rhodospiridium kratochvilovae</i>	0	2	0.0%	0.5%	0	2	0.00	0.27
<i>Trichosporon guehoae</i>	0	1	0.0%	0.3%	0	2	0.00	0.13
<b>Total n. isolates</b>	<b>1608</b>	<b>392</b>						

**Tab. 2**

ID strain	Identification by ITS1-4 Sanger sequencing	Growth at supra optimal temperatures		Hyphal and pseudo-hyphal formation				Sporulation	Invasiveness	Oxidative stress (resistance)
		40°C	42°C	YNB		YPD				
				27°C	37°C	27°C	37°C			
#17 YMS24-1	<i>C. parapsilosis</i>	++	++	-	-	-	-	-	+++	+++
<b>#106 YMS102-11</b>	<b><i>C.albicans</i></b>	++	++	-	+	-	+	-	+++	+++
#128 YMS12-3	<i>C.albicans</i>	++	++	-	-	-	-	-	+++	++
#18 YMS24-2	<i>C.albicans</i>	++	++	-	-	-	-	-	-	-
#25 YMS25-7	<i>C.albicans</i>	++	++	+	-	+		-	-	+++
#32 YMS25-14	<i>C.albicans</i>	++	++	-	+	-	+	-	+++	+
#38 YMS25-20	<i>C.albicans</i>	++	++	-	+	-	+	-	+++	+++
<b>#45 YMS25-27</b>	<b><i>C.albicans</i></b>	++	++	-	-	-	-	-	-	+
#51 YMS27-5	<i>C.albicans</i>	++	++	-	-	-	-	-	-	+++
#6 YMS19-6	<i>C.albicans</i>	++	++	-	-	-	-	++	-	++
#63 YMS28-7	<i>Cryptococcus albidus</i>	-	-	-	-	-	-	-	-	+
#120 YSM-8-2	<i>Debaryomyces hansenii</i>	++	++	-	-	-	-	-	-	+++
#119 YSM-8-1	<i>Pichia Kluyveri</i>	++	++	-	-	-	-	-	-	+++
<b>#2 YMS19-2</b>	<b><i>S.cerevisiae</i></b>	++	++	-	-	-	-	++	-	++
#3 YMS19-3	<i>S.cerevisiae</i>	++	++	-	+	-	+	++	-	+
<b>#12 YMS20-2</b>	<b><i>S.cerevisiae</i></b>	+	-	-	-	-	-	-	++	+
#13 YMS20-3	<i>S.cerevisiae</i>	++	++	-	-	-	-	-	-	-
#14 YMS20-4	<i>S.cerevisiae</i>	++	++	-	-	-	-	++	+	+++
#136 YMS18-1	<i>S.cerevisiae</i>	++	++	-	-	-	-	++	+	-
#113 YMS7-1	<i>T.delbrueckii</i>	+	-	-	-	-	-	-	+	++
#114 YMS7-2	<i>T.delbrueckii</i>	++	++	-	-	-	-	-	-	++
#117 YMS7-5	<i>T.delbrueckii</i>	++	++	+	-	+	-	++	-	+++
#118 YMS7-6	<i>T.delbrueckii</i>	++	++	-	-	-	-	-	-	+++
#115 YMS7-3	<i>T.ovooides</i>	++	++	+	+	+	+	-	+++	+++
#111 YMS1-1	<i>Trichosporon sp</i>	++	++	-	+	+	+	-	+++	++