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# Outbreak of *Wickerhamomyces anomalous* (formerly *Candida pelliculosa*) Bloodstream Infections, Venezuela, 2022–2023

## Appendix

**Appendix Table 1.** Overview of 99 *Wickerhamomyces anomalous* bloodstream isolates, including source, date of collection and hospital.

ID	Hospital	Age	Sex	Isolation date
L-03	A	5 d	Male	17/11/2022
L-04	A	15 d	Female	17/11/2022
L-05	A	6 d	Male	2/12/2022
L-06	A	1 mo	Male	5/12/2022
L-07	A	1 mo	Male	13/12/2022
L-08	A	10 d	Female	14/12/2022
L-10	A	12 d	Female	23/12/2022
L-12	A	9 d	Male	13/1/2023
L-13	A	37 y	Male	16/1/2023
L-15	A	7 d	Male	27/1/2023
L-17	A	19 d	Male	14/3/2023
L-19	A	23 d	Male	22/3/2023
L-20	A	8 d	Male	24/3/2023
L-21	A	9 d	Male	7/2/2023
L-22	A	12 d	Male	7/2/2023
L-26	A	9 d	Female	16/2/2023
L-28	A	10 d	Female	27/2/2023
L-30	A	6 d	Male	28/2/2023
L-32	A	16 d	Male	6/3/2023
L-33	A	9 d	Male	31/3/2023
L-34	A	8 d	Male	31/3/2023
L-37	A	6 d	Female	10/4/2023
L-39	F	10 d	Female	26/4/2023
L-40	F	10 d	Male	26/4/2023
L-41	A	6 d	Female	9/5/2023
L-42	A	8 d	Female	9/5/2023
L-44	A	5 d	Female	12/5/2023
L-45	A	6 mo	Male	13/5/2023
L-48	A	8 d	Male	22/5/2023
L-49	A	8 d	Male	22/5/2023
L-50	A	21 d	Female	22/5/2023
L-54	A	10 d	Male	5/6/2023
L-55	A	5 d	Male	6/6/2023
L-56	A	22 d	Male	6/6/2023
L-59	A	8 d	Male	6/6/2023
L-62	A	13 d	Male	13/6/2023
L-64	B	3 y	Male	7/6/2023
L-69	A	3 d	Male	23/6/2023
L-106	A	17 d	Male	20/9/2022
L-212	A	24 d	Female	6/7/2023
L-214	A	9 d	Female	11/7/2023
L-236	A	5 d	Male	25/7/2023

ID	Hospital	Age	Sex	Isolation date
L-274	A	14 d	Female	3/8/2023
L-277	A	7 d	Male	31/7/2023
L-278	A	10 d	Male	3/8/2023
L-279	A	11 d	Male	1/8/2023
L-280	A	13 d	Female	3/8/2023
L-281	A	11 d	Female	1/8/2023
L-282	A	15 d	Female	3/8/2023
L-283	A	10 d	Male	3/8/2023
L-292	A	26 d	Female	14/8/2023
L-311	A	7 d	Female	25/8/2023
L-322	A	8 d	Male	17/8/2023
L-323	A	7 d	Male	17/8/2023
L-325	D	7 d	Male	11/8/2023
L-326	D	3 y	Male	11/8/2023
L-332	G	26 d	Female	28/4/2023
L-333	G	5 d	Male	28/4/2023
L-334	H	2 mo	Female	28/4/2023
L-335	G	4 d	Female	28/4/2023
L-336	G	10 mo	Female	28/4/2023
L-337	G	3 y	Female	28/4/2023
L-339	D	3 y	Male	18/8/2023
L-341	A	19 d	Female	6/9/2023
L-343	G	4 d	Female	28/4/2023
L-344	G	2 d	Male	28/4/2023
L-348	G	9 d	Male	28/4/2023
L-347	G	4 y	Male	28/4/2023
L-350	G	18 d	Male	28/4/2023
L-358	A	8 d	Female	8/9/2023
L-360	F	7 d	Female	11/9/2023
L-361	A	9 d	Female	13/9/2023
L-363	E	1 mo	Male	14/9/2023
L-396	A	21 d	Female	17/10/2023
L-397	F	12 d	Male	10/10/2023
L-398	F	13 d	Male	10/10/2023
L-399	A	2 mo	Male	11/10/2023
L-400	E	30 d	Male	9/10/2023
L-401	A	30 d	Male	13/10/2023
L-402	E	1 mo	Male	21/9/2023
L-404	A	10 d	Female	8/9/2023
L-405	A	15 d	Male	28/9/2023
L-406	A	17 d	Male	25/9/2023
L-408	F	15 d	Female	4/10/2023
L-410	A	23 d	Male	2/10/2023
L-411	A	9 d	Male	4/10/2023
L-412	A	8 d	Male	4/10/2023
L-414	F	7 d	Female	20/9/2023
L-415	A	17 d	Male	20/9/2023
L-416	C	23 y	Female	25/9/2023
L-417	A	22 d	Female	21/9/2023
L-418	A	1 mo	Male	23/10/2023
L-419	A	2 d	Male	24/10/2023
L-420	A	26 d	Female	23/10/2023
L-421	A	1 mo	Male	23/10/2023
L-423	A	1 mo	Male	26/10/2023
L-426	A	2 mo	Male	31/10/2023
L-427	F	15 d	Female	31/10/2023
L-428	F	11 d	Female	31/10/2023

**Appendix Table 2.** In vitro MICs (MICs) of 99 *Wickerhamomyces anomalus* isolates against eight antifungals by using CLSI M27 broth microdilution. MICs in µg/mL.

ID	AMB	FLU	ITC	VOR	POS	ISA	AFG	MFG
L-03	0.063	1	0.125	0.25	0.125	0.125	≤0.008	≤0.008
L-04	0.063	2	0.125	0.125	0.125	0.063	≤0.008	≤0.008
L-05	0.063	2	0.063	0.063	0.063	0.031	≤0.008	0.016
L-06	0.063	2	0.125	0.125	0.063	0.031	≤0.008	0.031
L-07	0.063	2	0.063	0.063	0.063	0.031	0.016	≤0.008
L-08	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-10	0.063	2	0.063	0.063	0.063	0.031	≤0.008	0.016
L-12	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-13	0.063	8	0.25	0.125	0.25	0.125	≤0.008	≤0.008
L-15	0.063	2	0.063	0.063	0.031	0.031	≤0.008	≤0.008
L-17	0.063	2	0.063	0.031	0.031	0.031	0.016	0.016
L-19	0.063	2	0.063	0.063	0.063	0.031	0.016	0.031
L-20	0.063	2	0.063	0.063	0.125	0.031	0.016	0.031
L-21	0.063	2	0.063	0.063	0.063	0.063	0.016	0.016
L-22	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-26	0.063	2	0.063	0.063	0.063	0.031	0.016	0.016
L-28	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-30	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	≤0.008
L-32	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-33	0.063	2	0.063	0.063	0.031	≤0.016	0.016	0.016
L-34	0.125	2	0.063	0.063	0.063	0.031	0.016	≤0.008
L-37	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	0.016
L-39	0.063	1	0.125	0.063	0.063	0.063	≤0.008	≤0.008
L-40	0.063	2	0.125	0.063	0.063	0.031	0.016	0.016
L-41	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	≤0.008
L-42	0.125	2	0.063	0.063	0.031	≤0.016	≤0.008	≤0.008
L-44	0.063	2	0.063	0.063	0.031	0.031	≤0.008	≤0.008
L-45	0.063	1	0.031	0.031	0.063	≤0.016	≤0.008	≤0.008
L-48	0.063	2	0.063	0.125	0.031	0.031	0.016	≤0.008
L-49	0.063	2	0.063	0.063	0.031	0.031	≤0.008	≤0.008
L-50	0.063	4	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-54	0.125	2	0.125	0.063	0.063	≤0.016	0.016	≤0.008
L-55	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	0.016
L-56	0.063	2	0.063	0.063	0.063	0.031	≤0.008	0.016
L-59	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-62	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-64	0.063	2	0.063	0.063	0.031	0.031	≤0.008	≤0.008
L-69	0.063	4	0.125	0.125	0.125	0.125	≤0.008	0.031
L-106	0.063	1	0.063	0.125	0.063	0.063	≤0.008	≤0.008
L-212	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-214	0.063	2	0.063	0.063	0.031	0.031	0.016	0.016
L-236	0.063	2	0.063	0.063	0.063	0.031	0.031	0.031
L-274	0.063	2	0.063	0.063	0.063	0.031	0.016	0.016
L-277	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	≤0.008
L-278	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-279	0.063	2	0.063	0.063	0.063	0.031	≤0.008	0.016
L-280	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-281	0.125	2	0.063	0.031	0.063	≤0.016	0.016	0.031
L-282	0.125	2	0.063	0.031	0.031	≤0.016	≤0.008	≤0.008
L-283	0.063	4	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-292	0.063	2	0.125	0.125	0.063	0.031	≤0.008	≤0.008
L-311	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-322	0.063	1	0.063	0.125	0.125	0.063	≤0.008	≤0.008
L-323	0.063	2	0.063	0.063	0.063	0.031	0.016	≤0.008
L-325	0.125	4	0.063	0.125	0.063	0.063	≤0.008	0.016
L-326	0.063	2	0.063	0.031	0.031	≤0.016	≤0.008	≤0.008
L-332	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-333	0.125	1	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-334	0.063	1	0.063	0.063	0.063	0.031	≤0.008	0.063
L-335	0.25	2	0.063	0.063	0.063	0.031	0.016	0.031
L-336	0.063	2	0.031	0.031	0.031	≤0.016	≤0.008	≤0.008
L-337	0.125	4	0.063	0.063	0.063	0.031	≤0.008	0.031
L-339	0.25	2	0.031	0.031	0.063	0.031	0.031	0.063
L-341	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	≤0.008
L-343	0.125	2	0.063	0.063	0.031	0.031	≤0.008	0.016
L-344	0.063	2	0.125	0.063	0.063	≤0.016	≤0.008	0.016
L-348	0.125	2	0.063	0.063	0.063	0.031	0.031	0.016

ID	AMB	FLU	ITC	VOR	POS	ISA	AFG	MFG
L-347	0.063	2	0.125	0.125	0.063	0.031	0.016	≤0.008
L-350	0.125	2	0.063	0.063	0.031	0.031	≤0.008	0.016
L-358	0.063	2	0.063	0.063	0.063	0.031	0.016	0.016
L-360	0.125	2	0.063	0.063	0.063	0.031	0.031	0.016
L-361	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-363	0.063	1	0.063	0.031	0.063	≤0.016	≤0.008	0.016
L-396	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	≤0.008
L-397	0.25	2	0.063	0.063	0.063	0.063	≤0.008	≤0.008
L-398	0.25	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-399	0.25	2	0.063	0.063	0.063	≤0.016	0.016	0.016
L-400	0.125	2	0.063	0.063	0.063	0.031	0.031	0.031
L-401	0.125	1	0.063	0.063	0.031	≤0.016	0.016	0.016
L-402	0.063	2	0.063	0.063	0.031	0.031	0.016	≤0.008
L-404	0.063	1	0.063	0.031	0.063	≤0.016	≤0.008	≤0.008
L-405	0.125	2	0.063	0.063	0.031	≤0.016	0.031	0.031
L-406	0.063	2	0.125	0.125	0.125	0.031	0.016	0.016
L-408	0.125	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-410	0.063	2	0.063	0.063	0.063	0.031	0.016	0.016
L-411	0.063	4	0.125	0.125	0.063	0.063	≤0.008	≤0.008
L-412	0.063	4	0.063	0.063	0.031	≤0.016	0.016	≤0.008
L-414	0.063	2	0.063	0.031	0.063	0.031	≤0.008	≤0.008
L-415	0.125	4	0.125	0.063	0.125	0.063	≤0.008	≤0.008
L-416	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	0.016
L-417	0.063	2	0.063	0.063	0.063	0.031	0.016	0.031
L-418	0.063	2	0.063	0.063	0.063	0.031	≤0.008	0.016
L-419	0.063	2	0.063	0.063	0.063	≤0.016	≤0.008	≤0.008
L-420	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-421	0.063	2	0.063	0.063	0.063	0.031	≤0.008	≤0.008
L-423	0.125	1	0.031	0.031	0.031	≤0.016	≤0.008	≤0.008
L-426	0.063	2	0.063	0.063	0.125	0.031	≤0.008	≤0.008
L-427	0.125	2	0.063	0.063	0.031	≤0.016	≤0.008	≤0.008
L-428	0.063	2	0.125	0.063	0.063	≤0.016	0.031	0.031

AMB: amphotericin B; FLU: fluconazole; ITC: itraconazole; VOR: voriconazole; POS: posaconazole; ISA: isavuconazole; AFG: anidulafungin; MFG: micafungin.