

Endemic Chromoblastomycosis Caused Predominantly by *Fonsecaea nubica*, Madagascar

Appendix

Appendix Table. Characteristics of clinical isolates from patients with suspected chromoblastomycosis in Madagascar and reference strains used in this study*

Code	Species	GenBank accession no. for D1D2, ITS	Source	Origin	Panfungal PCR for S/C		Specific PCR for S/C		MALDI-ToF	
					NL-1/NL-4	ITS1/ITS4	Ccar-F/Ccar-R	Fon-F/Fon-R	MSP	ID
MYC04002	Unidentified	NA, NA	Biopsy	Vatovavy Fitovinany	N/P	P/N	N/N	N/NA	NA	NA
MYC04004	<i>Fonsecaea</i> sp.	NA, NA	Biopsy	Vatovavy Fitovinany	P/P	P/NA	N/NA	N/P	NA	NA
MYC08006	<i>Fonsecaea</i> sp.	MK828325, NA	Biopsy	Analanjrofo	P/P	P/NA	N/N	N/P	NA	NA
MYC10010	<i>Fonsecaea</i> sp.	NA, NA	Biopsy	Melaky	P/P	P/NA	N/NA	P/P	NA	NA
MYC10011	<i>Fonsecaea</i> sp.	NA, NA	Squama	Vatovavy Fitovinany	P/P	P/NA	N/NA	P/P	NA	NA
MYC10014	<i>Cladophialophora carrionii</i>	MK828362, MK820046	Squama	Androy	P/P	P/P	N/P	N/N	X	NA
MYC03022	Unidentified	NA, NA	Biopsy	Sofia	NA/NA	NA/NA	N/NA	NA/NA	NA	NA
MYC04026	<i>Fonsecaea nubica</i>	MK828326, MK828125	Biopsy	Alaotra Mangoro	N/P	N/P	NA/N	NA/P	NA	X
MYC05032	<i>F. nubica</i>	MK828327, MK828124	Squama	Amoron I Mania	N/P	N/P	NA/N	NA/P	NA	NA
MYC06033	Unidentified	NA, NA	Biopsy	Androy	N/P	N/P	NA/N	NA/N	NA	NA
MYC08040	<i>C. carrionii</i>	MK828363, MK820047	Biopsy	Atsimo Andrefana	N/P	N/P	NA/P	NA/N	NA	NA
MYC09041	Unidentified	NA, NA	Biopsy	Analamanga	NA/NA	NA/NA	NA/NA	NA	NA	NA
MYC03048	Unidentified	NA, NA	Biopsy	Vakinankaratra	N/P	N/N	N/N	N/N	NA	NA
MYC06057	Unidentified	NA, NA	Biopsy	Amoron I Mania	P/P	N/N	N/N	N/N	NA	NA
MYC06059	<i>F. nubica</i>	MK828328, MK828126	Biopsy	Sofia	P/P	P/P	N/N	N/N	NA	NA
MYC07066	<i>F. nubica</i>	MK828329, MK828127	Biopsy	Vatovavy Fitovinany	P/P	N/P	N/NA	N/P	NA	NA
MYC09069	<i>F. nubica</i>	MK828330, MK819268	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	X
MYC09072	<i>F. nubica</i>	MK828331, MK819269	Biopsy	Alaotra Mangoro	P/P	N/P	N/N	N/P	NA	X
MYC09074	<i>F. nubica</i>	MK828332, MK819270	Biopsy	Analamanga	P/P	N/P	N/N	N/P	NA	NA
MYC10079	<i>F. nubica</i>	MK828333, MK828128	Biopsy	Vatovavy Fitovinany	P/P	N/P	N/N	N/P	NA	NA
MYC10080	<i>F. nubica</i>	MK828334, MK828129	Biopsy	Sava	P/P	N/P	N/N	N/P	NA	X
MYC10081	<i>F. nubica</i>	NA, NA	Biopsy	Sava	P/P	N/P	N/N	N/P	NA	X
MYC10082	<i>F. nubica</i>	MK828336, MK828246	Biopsy	Sava	P/P	N/P	N/N	N/P	NA	X
MYC10083	<i>F. nubica</i>	MK828337, MK828130	Biopsy	Sava	P/P	N/P	N/N	N/P	X	NA
MYC04100	<i>Fonsecaea</i> sp.	MK828338, NA	Biopsy	Ihorombe	N	N/N	N/N	N/P	NA	NA
MYC05103	Unidentified	NA, NA	Biopsy	Atsinanana	N	N/N	N/N	N/N	NA	NA
MYC08112	Unidentified	NA, NA	Biopsy	Alaotra Mangoro	P/P	N/N	N/N	N/N	NA	NA
MYC10113	<i>F. nubica</i>	MK828339, MK820019	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	NA
MYC10114	<i>F. nubica</i>	MK828340, MK820024	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	NA
MYC10115	Unidentified	NA, NA	Biopsy	Sava	P/P	N/P	N/N	N/N	NA	NA
MYC10116	Unidentified	NA, NA	Biopsy	Sava	P/NA	N/NA	N/NA	P/NA	NA	NA
MYC10117	<i>F. nubica</i>	MK828341, MK819271	Biopsy	Sava	P/P	N/P	N/N	P/P	X	NA

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					NL-1/NL-4	ITS1/ITS4	F/Ccar-R	Fon-F/Fon-R	MSP	ID
MYC10118	<i>F. nubica</i>	MK828342, MK820020	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	NA
MYC10119	<i>F. nubica</i>	MK828343, MK820021	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	NA
MYC10120	<i>C. carrionii</i>	MK828364, MK820048	Biopsy	Analanjirifo	P/P	N/P	N/P	0/N	NA	NA
MYC10121	<i>F. nubica</i>	MK828344, MK819272	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	X
MYC10122	<i>Fonsecaea</i> sp.	MK828345, NA	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	NA
MYC10123	<i>F. nubica</i>	MK828346, MK820022	Biopsy	Sava	P/P	N/P	N/N	P/P	NA	X
MYC10124	<i>C. carrionii</i>	NA, MK820049	Biopsy	Vatovavy Fitovinany	P/P	N/P	N/P	N/N	NA	X
MYC10125	<i>F. nubica</i>	MK828347, MK819273	Biopsy	Alaotra Mangoro	N/P	N/P	N/N	P/P	NA	X
MYC12128	Unidentified	NA, NA	Biopsy	Haute Matsiatra	N/N	N/N	N/N	N/N	NA	NA
MYC01133	Unidentified	NA, NA	Biopsy	Analamanga	P/NA	P/NA	N/NA	N/NA	NA	NA
MXC02136	<i>F. nubica</i>	MK828348, MK820016	Biopsy	Sava	P/P	N/P	N/N	P/P	X	NA
YC04140	<i>C. carrionii</i>	MK828365, MK820050	Biopsy	Amoron I Mania	P/P	N/P	N/P	N/N	X	NA
MYC06143	<i>F. nubica</i>	MK828349, MK820017	Biopsy	Anosy	P/P	P/P	N/N	P/P	X	X
MYC06144	<i>F. nubica</i>	MK828350, MK820018	Biopsy	Anosy	P/P	P/P	N/N	P/P	X	NA
MYC06145	<i>C. carrionii</i>	MK828366, MK820051	Biopsy	Anosy	P/P	N/P	N/P	N/NA	NA	X
MYC06146	<i>C. carrionii</i>	MK828367, NA	Biopsy	Anosy	P/P	N/P	N/N	N/N	NA	NA
MYC06148	Unidentified	NA, NA	Biopsy	Anosy	P/P	P/N	N/NA	N/NA	NA	NA
MYC06149	Unidentified	NA, NA	Biopsy	Anosy	P/P	P/P	N/NA	N/NA	NA	NA
MYC08005	<i>Sporothrix schenckii</i>	MK249805, MK342529	Biopsy	Analamanga	P/P	N/P	N/N	N/N	NA	NA
CBS 121720	<i>F. nubica</i>	NA, KP132198	Clinical strain	China	NA/P	NA/P	NA/N	NA/P	NA	X
CBS 444.62	<i>F. nubica</i>	NA, AY366931.1	Clinical strain	Surinam	NA/P	NA/P	NA/N	NA/P	X	NA
IHEM1054	<i>C. carrionii</i>	NA, NA	NA	NA	NA/P	NA/P	NA/P	NA/N	X	NA
CBS 269.37	<i>F. monophora</i>	NA, AY857511.1	Clinical strain	Brazil	NA/P	NA/P	NA/N	NA/P	X	NA
IHEM 5638	<i>F. pedrosoi</i>	NA, NA	Clinical strain	Puerto Rico	NA/P	NA/P	NA/N	NA/P	X	NA

*C, colony; IHEM, Mycology Laboratory of the Institute of Hygiene and Epidemiology; ITS, internal transcribed spacer; MALDI-ToF, matrix-assisted laser desorption/ionization time-of-flight mass spectrometry; MSP, main spectrum profile; N, negative; NA, not available; P, positive; S, sample, X, strain used either for MSP creation or identified with an in-house MSP.