

Supplementary Table 1. *Cyphellophora* isolates and relatives (n=81) included in the study

Species Name	CBS no.	Other reference no.	Source	Host	Origin/Geography
<i>Cyphellophora guyanensis</i>	CBS 124764 (T)	CPC 13412	Eucalyptus	Plant	Australia
<i>Cyphellophora guyanensis</i>	CBS 125751	dH 20458	Roof of patient's house	Environment	Brazil
<i>Cyphellophora guyanensis</i>	CBS 125756	dH 20483	Roof of patient's house	Environment	Brazil
<i>Cyphellophora guyanensis</i>	CBS 125758	dH 20461	Tucum palm	Plant	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126014	dH 20465	Thorn, Tucum palm	Plant	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126020	dH 20526	Rotting wood	Environment	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126026	dH 21344	Tucum palm	Plant	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126728	dH 21164	Fence of wood	Environment	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126863	dH 21173	Shell of coconut babaçu	Plant	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126868	dH 21293	Babassu palm stem	Plant	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126888	dH 21191	Thorn, Tucum palm	Plant	Brazil
<i>Cyphellophora guyanensis</i>	CBS 126890	dH 21197	Fence	Environment	Brazil
<i>Cyphellophora guyanensis</i>	CBS 127018	dH 21171	Roof of house	Environment	Brazil
<i>Cyphellophora guyanensis</i>	CBS 127814	dH 21160	Thorn, Tucum palm	Plant	Brazil
<i>Cyphellophora guyanensis</i>		dH 22392	Hand skin	Human	Thailand
<i>Cyphellophora laciniata</i>	CBS 174.79	dH 15469	Foot skin	Human	Netherlands
<i>Cyphellophora laciniata</i>	CBS 190.61 (T)	dH 15498	Skin	Human	Switzerland
<i>Cyphellophora laciniata</i>	CBS 239.91	dH 15600	Skin	Human	Netherlands
<i>Cyphellophora pauciseptata</i>	CBS 284.85 (T)	dH 15679	Hand skin	Human	Switzerland
<i>Cyphellophora pluriseptata</i>	CBS 285.85	dH 15681	Toenail	Human	Netherlands
<i>Cyphellophora pluriseptata</i>	CBS 286.85 (T)	dH 15683	Toenail	Human	Netherlands
<i>Cyphellophora pluriseptata</i>	CBS 109633	dH 12325	Skin scales	Human	Germany

<i>Cyphellophora suttonii</i>	CBS 449.91(T)	dH 15893	Ear, dog	Mammal	USA
<i>Cyphellophora vermispora</i>	CBS 227.86	dH 15571	Root, <i>Hordeum</i>	Plant	Germany
<i>Cyphellophora vermispora</i>	CBS 228.86 (T)	dH 15574	Root, <i>Triticum</i>	Plant	Germany
<i>Cyphellophora vermispora</i>	CBS 122852		Foot skin	Human	Netherlands
<i>Phialophora ambigua</i>	CBS 235.93 (T)	dH 15593	Toenail	Human	Netherlands
<i>Phialophora europaea</i>	CBS 124187	dH 20187	Bathroom	Environment	Netherlands
<i>Phialophora europaea</i>	CBS 129.96	dH 10389	Toe	Human	Germany
<i>Phialophora europaea</i>	CBS 218.78	dH 15563	Nail	Human	Netherlands
<i>Phialophora europaea</i>	CBS 581.67	dH 16037	Unknown	Unknown	Unknown
<i>Phialophora europaea</i>	CBS 656.82	dH 16135	Nail	Human	France
<i>Phialophora europaea</i>	CBS 831.91	dH 16273	Nail	Human	Netherlands
<i>Phialophora europaea</i>	CBS 100413	dH 11172	Unknown	Unknown	Unknown
<i>Phialophora europaea</i>	CBS 101466 (T)	dH 11284	Foot skin	Human	Netherlands
<i>Phialophora europaea</i>	CBS 102391	dH 11436	Skin scales	Human	Netherlands
<i>Phialophora europaea</i>	CBS 109045	dH 15217	Nail	Human	Canada
<i>Phialophora europaea</i>	CBS 109500	dH 12024	Nail	Human	Unknown
<i>Phialophora europaea</i>	CBS 109793	dH 12399	Toenail	Human	Unknown
<i>Phialophora europaea</i>	CBS 120389	dH 16666	Nail	Human	Denmark
<i>Phialophora europaea</i>	CBS 120392	dH 16697	Skin	Human	Denmark
<i>Phialophora europaea</i>	CBS 120393	dH 16687	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123226	dH 16655	Unknown	Human	Denmark
<i>Phialophora europaea</i>	CBS 123234	dH 17039	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123240	dH 17019	Foot skin	Human	Denmark
<i>Phialophora europaea</i>	CBS 123256	dH 17013	Nail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123259	dH 17078	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123412	dH 17489	Toenail	Human	Denmark

<i>Phialophora europaea</i>	CBS 123415	dH 17010	Fingernail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123416	dH 17492	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123417	dH 17449	Nail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123422	dH 17500	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123425	dH 17478	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123430	dH 17501	Foot skin	Human	Denmark
<i>Phialophora europaea</i>	CBS 123431	dH 17062	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 123434	dH 17051	Nail	Human	Denmark
<i>Phialophora europaea</i>	CBS 124186	dH 20185	Bathroom	Environment	Netherlands
<i>Phialophora europaea</i>	CBS 124273	dH 17037	Nail	Human	Denmark
<i>Phialophora europaea</i>	CBS 124433	dH 17470	Foot skin	Human	Denmark
<i>Phialophora europaea</i>	CBS 124676	dH 16679	Foot skin	Human	Denmark
<i>Phialophora europaea</i>	CBS 124682	dh 17057	Toenail	Human	Denmark
<i>Phialophora europaea</i>	CBS 124687	dH 17460	Nail	Human	Denmark
<i>Phialophora europaea</i>		dH 11478	Unknown	Human	Germany
<i>Phialophora europaea</i>		dH 12323	Nail	Human	Germany
<i>Phialophora europaea</i>		dH 12327	Nail	Human	Germany
<i>Phialophora europaea</i>		dH 12330	Nail	Human	Germany
<i>Phialophora europaea</i>		dH 13359	Toenail	Human	Unknown
<i>Phialophora europaea</i>		dH 13370	Skin lesion	Human	Unknown
<i>Phialophora europaea</i>		dH 17021	Foot	Human	Denmark
<i>Phialophora europaea</i>		dH 17452	Toenail	Human	Denmark
<i>Phialophora reptans</i>	CBS 113.85 (T)	dH 15292	Food skin	Environment	Sweden
<i>Phialophora reptans</i>	CBS 152.90	dH 15424	Nail	Human	Netherlands
<i>Phialophora reptans</i>	CBS 458.92	dH 15901	Skin scales	Human	Netherlands
<i>Phialophora reptans</i>	CBS 101467	dH 11283	Toe	Human	Netherlands

<i>Phialophora reptans</i>	CBS 110814	dH 15281	Car-wash water	Environment	Germany
<i>Phialophora reptans</i>	CBS 120903	dH 12534	Drinkwater, biofilm	Environment	Germany
<i>Phialophora reptans</i>	CBS 120913	dH 17747	Ice water	Environment	Netherlands
<i>Phialophora reptans</i>	CBS 123271	dH 17088	Toenail	Human	Denmark
<i>Phialophora oxyspora</i>	CBS 416.89	dH 17023	Skin	Human	Denmark
<i>Phialophora oxyspora</i>	CBS 698.73 (T)	dH 21366	Decaying leaf	Plant	Sri Lanka
<i>Phialophora oxyspora</i>	CBS 124686	dH 17079	Toenail	Human	Denmark

Abbreviations used: CBS = Centraalbureau voor Schimmelcultures, Utrecht, The Netherlands; CPC: Culture collection of P.W. Crous, housed at CBS;
dH = G.S. de Hoog private collection

Supplementary Table 2. Geometric mean MICs, MIC ranges, MIC₅₀s, and MIC₉₀s of nine antifungal drugs against *Phialophora europaea* isolates from skin and nail specimens

Strains (number) and drugs	MIC (ug/ml)			Geometric Mean
	Range	50%	90%	
<i>P. europaea</i> from skin (n=10)				
Amphotericin B	1–16	2	16	1.414
Fluconazole	4–16	4	8	16
Itraconazole	0.031–0.125	0.063	0.125	0.063
Voriconazole	0.125–0.5	0.25	0.5	0.25
Posaconazole	≤0.016–0.031	≤0.016	0.031	0.016
Isavuconazole	0.5–2	1	1	1.414
Caspofungin	0.25–2	1	2	0.707
Micafungin	≤0.008–0.5	0.125	0.25	0.032
Terbinafin	0.25–2	0.5	1	0.707
<i>P. europaea</i> from nail (n=31)				
Amphotericin B	0.125–16	2	16	3.595
Fluconazole	2–16	8	8	25.854
Itraconazole	≤0.016–0.5	0.063	0.25	0.078
Voriconazole	0.125–1	0.25	0.5	0.344
Posaconazole	≤0.016–0.125	≤0.016	0.031	0.023
Isavuconazole	0.5–2	1	1	1.616
Caspofungin	0.5–4	1	2	1.306
Micafungin	≤0.008–4	0.25	1	0.155
Terbinafin	0.25–2	0.5	1	0.449

