

## **Environmental prospecting of black yeast-like agents of human disease using culture-independent methodology**

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### **Supplementary Tables**

**Supplementary Table S2.** Molecular markers described in the literature of family Herpotrichiellaceae.

Species	Strains	Source	Number pb		Ref.
			Barcodes	Probes padlock	
<i>Cladophialophora arxii</i>	CBS 306.94 <sup>T</sup>	Human	35	42	1,2
	CBS 409.96	Human	37	-	1
<i>Cladophialophora bantiana</i>	CBS 173.52	Human	34	41	1,2
<i>Cladophialophora chaetospora</i>	CBS 115468	Plant	-	39	2
<i>Cladophialophora carrionii</i>	CBS 160.54 <sup>LT</sup>	Human	29	42 /39	1-3
	CBS 163.54	Human	29	-	1
	CBS 260.83	Human	29	-	1
	FMC.248	Human	29	-	1
<i>Cladophialophora devriesii</i>	CBS 147.84 <sup>T</sup>	Human	25	42	1,2
	IFM51369	-	25	-	1
<i>Cladophialophora emmonsii</i>	CBS 979.96 <sup>T</sup>	Human	33	-	1
	CBS 640.96	Cat, subcutaneous lesion	33	-	1
<i>Cladophialophora immunda</i>	CBS 834.96 <sup>T</sup>	Human	25	41 / 42	1,2
	CBS 102227	Plant	25	-	1
<i>Cladophialophora minourae</i>	CBS 987.96	Rotting wood	-	42	2
<i>Cladophialophora modesta</i>	CBS 985.96 <sup>T</sup>	Human	26	-	1
<i>Cladophialophora mycetomatis</i>	CBS 122637 <sup>T</sup>	Human	28	-	1
	CBS 454.82	Culture contaminant	28	-	1
<i>Cladophialophora psammophila</i>	CBS 110553 <sup>T</sup>	Gasoline-polluted soil	34	41	1,2
<i>Cladophialophora samoensis</i>	CBS 259.83 <sup>T</sup>	Human	31	-	1
<i>Cladophialophora saturnica</i>	CBS 118724 <sup>T</sup>	Child	27	42	1,2
<i>Cladophialophora subtilis</i>	CBS 12264 <sup>T</sup>	Iced tea	30	-	1
<i>Cladophialophora yegresii</i>	CBS 114405 <sup>T</sup>	Plant	30	42	1,2
<i>Exophiala alcalophila</i>	CBS 520.82 <sup>T</sup>	Soil	31	-	1
<i>Exophiala angulospora</i>	CBS 482.92 <sup>T</sup>	Water	28	36	1,4
	CBS 122264	Hydrocarbon-polluted soil	28	-	1
	CBS 109906	Water	28	-	1
<i>Exophiala aquamarina</i>	CBS 119918 <sup>T</sup>	Seadragon, skin	38	37	1,4
<i>Exophiala asiatica</i>	BMU00015 <sup>T</sup>	Human	36	-	1
<i>Exophiala attenuata</i>	CBS110026	Human	29	-	1
<i>Exophiala bergeri</i>	CBS 353.52 <sup>T</sup>	Human	31	-	1
<i>Exophiala brunnea</i>	CBS 587.66 <sup>T</sup>	Plant	38	-	1
<i>Exophiala cancerae</i>	CBS 120532 <sup>T</sup>	Crab	34	-	1
<i>Exophiala castellanii</i>	CBS 158.58 <sup>T</sup>	Human	28	37	1,4

<i>Exophiala capensis</i>	CBS 128771 <sup>T</sup>	Plant	31	-	1
<i>Exophiala dermatitidis</i>	CBS 207.35 <sup>T</sup>	Human	32	36	1,5
	CBS 100338	Humidifier	32	-	1
	BMU00035	Human	32	-	1
<i>Exophiala equina</i>	CBS 119.23 <sup>T</sup>	Horse skin	38	-	1
	CBS 122263	Human foot	38	-	1
	CBS 122270	Human foot	38	-	1
<i>Exophiala exophialae</i>	CBS 668.76 <sup>T</sup>	Straw in burrow	32	-	1
<i>Exophiala halophila</i>	CBS 121512 <sup>T</sup>	Human	34	-	1
<i>Exophiala heteromorpha</i>	CBS 232.33 <sup>T</sup>	Wood pulp	29	-	1
<i>Exophiala jeanselmei</i>	CBS 507.90 <sup>T</sup>	Human	36	37	1,5
	CBS 677.76	Human	37	-	1
<i>Exophiala lacus</i>	CBS 117497 <sup>T</sup>	Water	37	-	1
<i>Exophiala lecanii-corni</i>	CBS 123.33 <sup>T</sup>	Human	29	-	1
<i>Exophiala mesophila</i>	CBS 402.95 <sup>T</sup>	Shower	28	-	1
	CBS 121511	Human	28	-	1
<i>Exophiala moniliae</i>	CBS 520.76 <sup>T</sup>	Plant	26	-	1
<i>Exophiala nishimurae</i>	CBS 101538 <sup>T</sup>	Bark	32	-	1
<i>Exophiala oligosperma</i>	CBS 725.88 <sup>T</sup>	Human	38	37	1,5
	UTHSC95-2041	Human	38	-	1
	UTHSC91###870	Human	39	-	1
	IFM41701	Soil	40	-	1
<i>Exophiala opportunistica</i>	CBS109811	Water	39	36	1,4
<i>Exophiala pisciphila</i>	CBS 537.73 <sup>T</sup>	Fish	39	37	1,4
<i>Exophiala salmonis</i>	CBS 157.67 <sup>T</sup>	Fish	37	-	1
<i>Exophiala sideris</i>	CBS 121818 <sup>T</sup>	Plant	29	-	1
<i>Exophiala spinifera</i>	CBS 899.68 <sup>T</sup>	Human	32	34	1,5
<i>Exophiala siphonis</i>	UTHSC88-471	Human	27	-	1
<i>Exophiala xenobiotica</i>	CBS 118157 <sup>T</sup>	Oil sludge	30	37	1,5
	CBS 119306	Human	30	-	1
	CBS 117665	Human	30	-	1
	CBS 117676	Human	33	-	1
	CBS 117641	Human	32	-	1
<i>Fonsecaea erecta</i>	dH20513	Plant	33	-	1
	dH20502	Plant	33	-	1
<i>Fonsecaea minima</i>	dH20511	Plant	33	-	1
<i>Fonsecaea monophora</i>	CBS 269.37 <sup>T</sup>	Human	36	28	1,6
	CBS 121732	Human	36	-	1
	IFM4889	Human	36	-	1
	IFM54446	Human	36	-	1

<i>Fonsecaea multimorphosa</i>	CBS 980.96 <sup>T</sup>	Cat	27	-	1
<i>Fonsecaea nubica</i>	CBS 269.64 <sup>T</sup>	Human	36	36	1, 6
	CBS 121733	Human	36	-	1
	CBS 557.76	Unknown	36	-	1
<i>Fonsecaea pedrosoi</i>	CBS 271.37 <sup>T</sup>	Human	36	36	1, 6
	CBS 122741	Human	37	-	1
<i>Fonsecaea pugnacius</i>	CBS 139214	Human	-	31	7
<i>Phialophora americana</i>	CBS 840.69	Decaying timber	30	-	1
<i>Phialophora verrucosa</i>	CBS 273.37	Human	30	-	1
	IMTSP.800	Soil	30	-	1
	CBS 286.47	Plant	30	-	1
	CBS 839.68	Kiwifruit elephantiasis	30	-	1
<i>Rhinocladiella anceps</i>	CBS 181.65	Soil	30	-	1
	CBS 157.54	Plant	32	-	1
<i>Rhinocladiella aquaspersa</i>	CBS 313.73 <sup>T</sup>	Human	27	-	1
<i>Rhinocladiella atrovirens</i>	CBS 264.49	Honey	28	-	1
<i>Rhinocladiella basitona</i>	CBS 101460 <sup>T</sup>	Human	31	-	1
<i>Rhinocladiella mackenziei</i>	CBS 650.93 <sup>T</sup>	Human	37	-	1
	CBS 367.92	Human	35	-	1
	CBS 102590	Human	35	-	1
<i>Rhinocladiella similis</i>	CBS 111763 <sup>T</sup>	Human	32	-	1
	dH13054	Water	32	-	1
<i>Veronaea botryosa</i>	CBS 254.57 <sup>T</sup>	Sansa olive slag	40	35	1, 4
	CBS 350.65	Dung of goat	41	-	1
<i>Veronaea compacta</i>	CBS 268.75 <sup>T</sup>	Unknown	38	-	1
<i>Veronaea japonica</i>	CBS 776.83 <sup>T</sup>	Dead bamboo culm	38	-	1

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