

S1 Table. Overview of the OTUs found in the 12 plant samples, including their frequency, number of reads and BLASTn top hits with accession numbers in GenBank.

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 1	10	779	Basidiomycota	Cystofilobasidiales	Cystofilobasidiaceae	<i>Mrakia frigida</i> ^a	<i>Mrakia frigida</i> AJ866977	99%(476/480)	Sediment in Russia (Siberia)
OTU 2	4	5226	Ascomycota	Venturiales	Venturiaceae	<i>Rhizosphaera macrospora</i> ^a	<i>Rhizosphaera macrospora</i> AF462431	97%(466/481)	Fungal conifer pathogens (<i>Abies alba</i>) in France
OTU 3	2	5	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone GU174334	94%(492/521)	Forest floor (<i>Acer saccharum</i>) in USA: Michigan, Manistee National Forest (43.6687N; 86.1431W)
							Uncultured Helotiales clone EU726288	93%(433/465)	Plant (<i>Pinus ponderosa</i>) in California woodland
OTU 4	2	5	Basidiomycota	Agaricostilbales	Agaricostilbaceae	Agaricostilbaceae sp.	<i>Bensingtonia sorbi</i> AY233343	90%(415/463)	Unreported
OTU 5	1	16	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured <i>Tetracladium</i> clone KC694156	93%(428/462)	Plant roots (<i>Triticum aestivum</i>) in Sweden
OTU 6	6	469	Ascomycota	Xylariales	Amphisphaeriaceae	<i>Seematosporium</i> sp. ^b	<i>Seematosporium walkeri</i> JN871207	95%(509/534)	Plant (<i>Eucalyptus</i> sp.) in Australia (Victoria)
OTU 7	1	11	Ascomycota	Chaetothyriales	Unassigned	Chaetothyriales sp.	Uncultured fungus clone KF274490	88%(343/388)	Wood stump (<i>Picea abies</i>) in Finland
							<i>Rhinocladia</i> sp. EU139138	89%(336/379)	Lichen Umbilicariales in China (Hebei)
OTU 8	2	4	Basidiomycota	Tremellales	Unassigned	Tremellales sp.	Uncultured fungus clone JX383662	89%(337/379)	Soil in USA
							Uncultured Tremellales clone GU327507	96%(238/249)	Mycorrhizal seedling of <i>Epipactis helleborine</i> in Czech
OTU 9	3	142	Ascomycota	Chaetothyriales	Herpotrichiellaceae	Herpotrichiellaceae sp.	Herpotrichiellaceae sp. KF636410	94%(306/327)	Liverwort (<i>Barbilophozia hatcheri</i>) in Antarctica
OTU 10	1	70	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KC965841	95%(390/410)	Arctic soil in USA (69.67N; 148.72W)
							<i>Cyphellophora laciniata</i> NR121335	86%(361/419)	Skin of <i>Homo sapiens</i> in Switzerland
OTU 11	4	30	Basidiomycota	Unassigned	Unassigned	Basidiomycota sp.	Uncultured fungus clone KF800411	84%(467/556)	House dust in USA (Missouri, Kansas City)
							<i>Mrakia blollopis</i> AB916516	83%(447/541)	Arctic bird feather in Norway
OTU 12	2	2	Basidiomycota	Tremellales	Unassigned	Tremellales sp.	Uncultured fungus clone KF274456	95%(352/369)	<i>Picea abies</i> stumps in Finland
							Uncultured Tremellales clone JF449484	99%(308/309)	Beech litter in Austria (Tyrol:Achenkirch)
OTU 13	1	2	Basidiomycota	Unassigned	Unassigned	Basidiomycota sp.	Uncultured fungus clone KF274089	87%(432/496)	<i>Picea abies</i> stumps in Finland
							<i>Rhodotorula</i> sp. FN548148	87%(433/497)	Living surface-sterilised leaves of <i>Fagus sylvatica</i> in Germany

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									(City of Greifswald, nature conservation area Eisenhain)
OTU 14	1	4	Ascomycota	Chaetothiales	Herpotrichiaceae	Herpotrichiaceae sp.	<i>Cladophialophora minutissima</i> EF016383	94%(422/447)	Unreported
OTU 15	2	152	Ascomycota	Pleosporales	Leptosphaeriaceae	<i>Leptosphaeria</i> sp. ^b	Uncultured <i>Leptosphaeria</i> clone EU852362	97%(265/272)	Plant (<i>Fraxinus excelsior</i>) in Sweden
OTU 16	1	17	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured soil fungus clone GU083291	93%(298/322)	Soil in USA (Alaska)
							Uncultured Sebaciales clone FJ788795	87%(317/364)	Mycorrhizal root section of <i>Pterygodium caffrum</i>
OTU 17	1	3	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KC965419	99%(465/468)	Arctic soil in USA (69.67N; 148.72W)
							<i>Pseudocercospora nephrolepidicola</i> HQ599590	85%(347/406)	On leaves of <i>Nephrolepis falcata</i> in Australia
OTU 18	7	247	Basidiomycota	Cystofilobasidiales	Cystofilobasidiaceae	<i>Mrakia</i> sp. ^b	Uncultured <i>Mrakia</i> isolate GU931743	99%(514/516)	House dust in Canada (45.2556N; 75.9204W)
OTU 19	3	57	Ascomycota	Helotiales	Rutstroemiaceae	Rutstroemiaceae sp.	<i>Lambertella</i> sp. AB705255	94%(485/517)	Unreported
OTU 20	2	129	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured <i>Tetracladium</i> clone KC694156	97%(494/507)	Roots of <i>Triticum aestivum</i> in Sweden
OTU 21	1	4	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured mycorrhizal fungus AB669661	99%(467/472)	Unreported
							Uncultured Helotiales clone KC455325	99%(449/451)	Root system in Arctic tundra (USA: Anaktuvuk River Fire, AK)
OTU 22	7	624	Ascomycota	Unassigned	Unassigned	<i>Oleoguttula</i> sp. ^b	Uncultured fungus clone KC966025	96%(496/515)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Oleoguttula mirabilis</i> KF309972	96%(448/468)	Unreported
OTU 23	1	3	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured Basidiomycota clone GU328524	97%(478/494)	Oe layer in Forest
							<i>Cryptococcus</i> sp. HG324303	96%(440/456)	Soil in Germany (Biosphere area Schwaebische Alb)
OTU 24	3	10	Ascomycota	Helotiales	Helotiaceae	<i>Articulospora</i> sp. ^b	<i>Articulospora tetracladia</i> EU998929	95%(315/332)	Unreported
OTU 25	2	61	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured ascomycete clone AM901772	91%(464/510)	House dust in Finland
OTU 26	5	534	Ascomycota	Capnodiales	Unassigned	Capnodiales sp.	Uncultured fungus clone KC965669	98%(480/490)	Arctic soil in USA (69.15N; 148.85W)
							<i>Penidiella ellipsoidea</i> JF499843	91%(471/518)	Leaf bracts (<i>Phaenocoma proliifera</i>) in South Africa
OTU 27	2	37	Ascomycota	Microascales	Halosphaeriaceae	<i>Monodictys arctica</i> ^a	Uncultured fungus clone GU817175	97%(239/302)	Root systems of <i>Bistorta vivipara</i> in Norway (Svalbard Midtre Lovenbreen) (78.90555N; 12.08450E)
							<i>Monodictys arctica</i> EU686522	97%(291/299)	Roots of <i>Saxifraga oppositifolia</i> in Canadian High Arctic
OTU 28	10	1968	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured <i>Cryptococcus</i> clone KC753413	99%(491/496)	Plant (<i>Triticum aestivum</i>) stem in Sweden

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OTU 29	1	7	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KF297272	99%(462/467)	Arctic soil in Canada (76.23N; 119.30W)
OTU 30	5	277	Ascomycota	Pleosporales	Melanommataceae	<i>Herpotrichia</i> sp. ^b	Fungal sp. KF527818	96%(368/384)	Plant (<i>Carex bigelowii</i>) root in Finland
							<i>Herpotrichia juniperi</i> JX981496	96% (334/348)	Plant in Poland
OTU 31	8	258	Basidiomycota	Tremellales	Unassigned	Basidiomycota sp.	Uncultured <i>Cryptococcus</i> clone KC753413	99%(213/216)	Plant stem (<i>Triticum aestivum</i>) in Sweden
OTU 32	6	104	Ascomycota	Capnodiales	Davidiellaceae	<i>Cladosporium</i> sp. ^b	<i>Cladosporium</i> sp. KF367501	99%(561/562)	Untreated drinking water sources in Portugal
OTU 33	3	455	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured <i>Helicodendron</i> clone GU931747	92%(347/376)	House dust in Canada (45.2556 N, 75.9204W)
OTU 34	3	629	Ascomycota	Capnodiales	Unassigned	Capnodiales sp.	<i>Catenulostroma protearum</i> GU214628	89%(511/571)	Plant (<i>Hakea sericea</i>) in South Africa
OTU 35	2	13	Ascomycota	Chaetothiriales	Unassigned	Chaetothiriales sp.	Uncultured fungus clone KC965234	96%(494/513)	Arctic soil in Canada (76.23N; 119.30W)
							Herpotrichiellaceae sp. JQ272383	87%(473/541)	USA (GRSMNP, Laurel Falls)
OTU 36	5	201	Ascomycota	Helotiales	Hyaloscyphaceae	<i>Mycoarthritis corallinus</i> ^a	Uncultured Helotiales isolate GU931728	97%(487/500)	House dust in Canada (45.2556N; 75.9204W)
							<i>Mycoarthritis corallinus</i> AF128440	97%(460/473)	Unreported
OTU 37	2	42	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae sp.	Uncultured fungus clone KF296855	99%(413/417)	Arctic soil in Canada (78.78N; 103.55W)
							<i>Teratosphaeria jonkershoekensis</i> EU707864	91%(402/441)	Plant (<i>Protea</i> sp.) leaf in South Africa
OTU 38	2	435	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured <i>Tetracladium</i> clone GU327472	97%(517/533)	Mycorrhizal seedling (<i>Epipactis atrorubens</i>) in Czech (Lednice)
OTU 39	7	881	Ascomycota	Pleosporales	Unassigned	Pleosporales sp.	Fungal sp. JX978255	97%(420/431)	2 or 3 year-old twig tissue from adult narrowleaf cottonwood growing in a common garden
							Pleosporales sp. AB751503	96% (394/411)	Unreported
OTU 40	2	342	Basidiomycota	Sebacinales	Sebacinaceae	<i>Sebacina</i> sp. ^b	Uncultured <i>Sebacina</i> clone JQ420971	99%(499/503)	Plant species <i>Vaccinium myrtillus</i>
OTU 41	2	2	Ascomycota	Dothideales	Dothioraceae	Dothioraceae sp.	Uncultured fungus clone KF274441	93%(412/443)	<i>Picea abies</i> stumps in Finland
							<i>Aureobasidium</i> sp. KJ690089	91%(402/442)	Ectomycorrhize of <i>Eucalyptus camaldulensis</i>
OTU 42	2	705	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured fungus clone KC966357	99%(518/519)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Discosia pseudoartocreas</i> KF777161	93%(415/448)	Plant leaves (<i>Tilia</i> sp.) in Austria (Innsbruck)
OTU 43	1	9	Ascomycota	Pleosporales	Leptosphaeriaceae	Leptosphaeriaceae sp.	Uncultured fungus clone KF742590	89%(385/432)	Imprted asymptomatic live woody plant (<i>Berberis</i>) material in

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									USA
							<i>Leptosphaeria contecta</i> AF181702	92%(277/300)	Unreported
OTU 44	5	26	Ascomycota	Capnodiales	Cladosporiaceae	<i>Rachicladosporium monterosium</i> ^a	Uncultured fungus clone KC966122	97%(511/526)	Arctic soil in USA (69.67N;148.72W)
							<i>Rachicladosporium monterosium</i> KF309940	97% (403/416)	Unreported
OTU 45	2	92	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae	<i>Teratosphaeria alistairi</i> JX556227	93%(358/385)	Leaves (<i>Protea repens</i>) in South Africa (Hermaanus)
OTU 46	1	2	Basidiomycota	Thelephorales	Thelephoraceae	<i>Tomentella</i> sp. ^b	<i>Tomentella</i> sp. JQ711817	98%(450/461)	Ectomycorrhiza (<i>Pinus contorta</i>) in Canada (55.45N; 123.20W)
OTU 47	1	13	Ascomycota	Diaporthales	Gnomoniaceae	<i>Apiognomonia cf. errabunda</i> ^a	<i>Apiognomonia cf. errabunda</i> FN548166	99%(531/536)	Living surface-sterilised leaves of <i>Fagus sylvatica</i> in Switzerland: Hofstetten near Basle, Swiss Canopy Crane
OTU 48	3	57	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	<i>Claussenomyces</i> sp. HQ533008	94%(503/533)	New Zealand
OTU 49	3	201	Basidiomycota	Cystofilobasidiales	Cystofilobasidiaceae	<i>Udeniomyces</i> sp. ^b	Uncultured <i>Udeniomyces</i> clone KC753422	99%(521/527)	Plant (<i>Triticum aestivum</i>) stem in sweden
OTU 50	4	71	Ascomycota	Pleosporales	Phaeosphaeriaceae	<i>Phaeosphaeria juncophila</i> ^a	Uncultured fungus clone FJ820772	99%(501/504)	Air sample in Germany
							<i>Phaeosphaeria juncophila</i> AF439488	99%(456/458)	Plant (<i>Juncus articulatus</i>) in Switzerland
OTU 51	1	84	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured fungus clone KC966357	97%(392/405)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Discosia pseudoartocreas</i> KF777161	92%(396/432)	Plant leaves (<i>Tilia</i> sp.) in Austria (Innsbruck)
OTU 52	1	4	Ascomycota	Pleosporales	Lophiostomataceae	<i>Lophiostoma</i> sp. ^b	Uncultured soil fungus clone DQ420814	98%(495/505)	Soil in USA (Cedar Creek, Minnesota)
							<i>Lophiostoma arundinis</i> AJ496633	96%(484/503)	Plant
OTU 53	2	47	Basidiomycota	Leucosporidiales	Leucosporidiaceae	<i>Leucosporidiella muscorum</i> ^a	<i>Leucosporidiella muscorum</i> FR717869	99%(488/491)	Plant (<i>Paxillus involutus</i>) in Germany (51.5N; 11.94E)
OTU 54	3	1627	Ascomycota	Helotiales	Unassigned	<i>Leptodontidium</i> sp. ^b	Uncultured soil fungus clone EU490132	97%(504/522)	Savanna soil under mesquite (<i>Prosopis glandulosa</i>) in USA (33.85 N; 99.44 W)
							<i>Leptodontidium orchidicola</i> KF646097	96%(501/522)	Plant root of <i>Rosa rugosa</i> in Lithuania
OTU 55	1	2	Ascomycota	Capnodiales	Cladosporiaceae	Cladosporiaceae sp.	Uncultured fungus clone KC965721	95%(483/511)	Arctic soil in Canada (78.78N;103.55W)
							<i>Rachicladosporium pini</i> JF951145	91%(490/541)	Plant neeles (<i>Pinus monophylla</i>) in Netherland
OTU 56	1	7	Ascomycota	Capnodiales	Unassigned	<i>Capnocheirides</i> sp. ^b	<i>Capnocheirides</i> sp. FR871188	97%(428/442)	Leaf of <i>Rhododendron</i>

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OTU 57	1	350	Ascomycota	Pleosporales	Pleosporaceae	Pleosporaceae sp.	Uncultured mycorrhizal fungus clone AY929129	94%(490/519)	Root of <i>Stipa hymenoides</i> in semi-arid grassland (USA:Virginia Park, Canyonlands National Part, UT)
							<i>Dendryphon penicillatum</i> JN578618	93%(443/477)	Spain
OTU 58	4	62	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured <i>Tetracladium</i> clone KC694156	98%(519/531)	Roots of <i>Triticum aestivum</i> in Sweden
OTU 59	2	3	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured ascomycete clone AM902002	86%(469/544)	House dust in Finland
							<i>Rhinocladiella</i> sp. EU139138	86% (469/543)	Lichen (<i>Umbilicaria vellea</i>) in China (Hebei)
OTU 60	4	97	Ascomycota	Pleosporales	Pleosporineae	<i>Leptosphaeria</i> sp. ^b	Uncultured <i>Leptosphaeria</i> clone EU852362	99%(516/519)	Plant (<i>Fraxinus excelsior</i>) in Sweden
OTU 61	2	11	Basidiomycota	Pucciniales	Melampsoraaceae	<i>Melampsora epitea</i> ^a	<i>Melampsora epitea</i> GQ479257	97%(221/228)	Willow in Canada (Nunavut, Keewatin District, Chesterfield Inlet)
OTU 62	1	8	Basidiomycota	Unassigned	Unassigned	Basidiomycota sp.	Uncultured fungus clone KF274456	87%(375/431)	<i>Picea abies</i> stumps in Finland
							Uncultured Basidiomycota clone GU328523	88%(355/405)	Oe layer in a forested landscape
OTU 63	1	11	Ascomycota	Helotiales	Dermateaceae	<i>Helgardia</i> sp. ^b	Uncultured ascomycete clone AM901839	99%(509/512)	House dust in Finland
							<i>Helgardia</i> sp. HQ533816	99%(459/462)	Antarctic lake
OTU 64	4	13	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus tephrensia</i> ^a	<i>Cryptococcus tephrensia</i> DQ000318	98%(501/511)	Plant leaves
OTU 65	2	812	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured fungus clone KC966357	97%(400/413)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Discosia pseudoartocreas</i> KF777161	90%(395/441)	Plant leaves (<i>Tilia</i> sp.) in Austria (Innsbruck)
OTU 66	3	46	Ascomycota	Helotiales	Unassigned	<i>Cadophora luteo-olivacea</i> ^a	<i>Cadophora luteo-olivacea</i> HM116747	99%(530/534)	Plant (<i>Vitis vinifera</i>) in New Zealand
OTU 67	3	14	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured fungus clone KC966331	99%(481/486)	Arctic soil in Canada (78.78N; 103.55W)
							<i>Cryptococcus</i> sp. KC455886	99% (426/428)	Snow with superficial sediment in Italy (Helbronner peak, Mont Blanc, Italian Alps)
OTU 68	2	2	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Ascomycota sp. FM207647	91%(436/480)	Surface sterilised roots of <i>Deschampsia antarctica</i> in Antarctica (South Orkney Islands, Shingle Cove) (60.39S, 45.33W)
							<i>Varicosporium delicatum</i> KF730848	94%(354/377)	Unreported

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OTU 69	1	11	Ascomycota	Hypocreales	Unassigned	<i>Acremonium rutilum</i> ^a	Uncultured fungus clone KC965330	99%(445/448)	Arctic soil in USA (70.31N; 147.99W)
							<i>Acremonium rutilum</i> NR077124	97%(422/435)	Moist greenhouse wall in Germany
OTU 70	1	17	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KF274173	91%(361/398)	<i>Picea abies</i> stumps in Finland
							Uncultured ascomycete clone AM901896	86%(362/422)	House dust in Finland
OTU 71	1	5	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Pleosporales sp. HQ631002	82%(356/432)	Unreported
OTU 72	5	6	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KF742601	99%(345/347)	Imported asymptomatic live woody plant material (Prunus) in USA
OTU 73	3	46	Ascomycota	Chaetothiales	Herpotrichiaceae	<i>Rhinocladiella</i> sp. ^b	Uncultured fungus clone KC965227	98%(558/570)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Rhinocladiella</i> sp. FJ948175	97%(507/521)	Rock-inhabiting fungus from Aketao (Xinjiang, China)
OTU 74	9	1048	Ascomycota	Pleosporales	Unassigned	Pleosporales sp.	Uncultured fungus clone GU817184	98%(504/513)	Root system (<i>Bistorta vivipara</i>) in Norway (Svalbard Midtre Lovenbreen) (78.90555N; 12.08450E)
							Pleosporales sp. AB751503	98% (483/493)	<i>Salix arctica</i> leaf and stem litter on deglaciated moraines in high-arctic Canada
OTU 75	1	6	Basidiomycota	Tremellales	Unassigned	Tremellales sp.	Uncultured Basidiomycota clone GU328576	91%(474/521)	Oe layer in forest
							<i>Cryptococcus skinneri</i> NR073211	91% (439/485)	Unreported
OTU 76	4	1076	Ascomycota	Pezizales	Unassigned	Pezizales sp.	Uncultured fungus clone KF296725	97%(475/490)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Phialea strobilina</i> EF596821	92% (302/327)	Needle in Norway
OTU 77	1	252	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KF274367	97%(485/498)	<i>Picea abies</i> stumps in Finland
							Helotiales sp. HQ608110	97%(466/482)	Trachymyrmex septentrionalis nest in USA (Stengl Biology Station, Texas)
OTU 78	2	77	Ascomycota	Pleosporales	Leptosphaeriaceae	Leptosphaeriaceae sp.	Uncultured fungus clone KC965764	95%(449/473)	Arctic soil in Canada (78.78N; 103.55)
							<i>Leptosphaeria doliolum</i> JF740206	93%(357/384)	Rudbeckia in Netherlands
OTU 79	2	217	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured <i>Cadophora</i> clone GQ219956	91%(415/456)	Soil in Germany (Thuringia, Hainich)
OTU 80	4	225	Ascomycota	Unassigned	Unassigned	<i>Eleutheromyces subulatus</i> ^a	<i>Eleutheromyces subulatus</i> KJ710471	99%(485/487)	Decaying host (Russulaceae) in Canada (Alberta)

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OTU 81	1	18	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured fungus clone KC966357	97%(388/398)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Discosia pseudoartocreas</i> KF777161	90%(384/426)	Plant leaves (<i>Tilia</i> sp.) in Austria (Innsbruck)
OTU 82	8	3433	Ascomycota	Pleosporales	Phaeosphaeriaceae	<i>Mycopappus</i> sp. ^b	Uncultured soil fungus clone DQ420833	98%(527/537)	Soil in USA (Cedar Creek, Minnesota)
							<i>Mycopappus aceris</i> FJ839625	95%(504/533)	Fallen leaves (<i>Acer macrophyllum</i>) in Canada
OTU 83	2	47	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KF800378	87%(426/492)	House dust in USA (Missouri, Kansas City)
OTU 84	1	36	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured fungus clone KC966357	97%(410/413)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Discosia pseudoartocreas</i> KF777161	90%(397/441)	Plant leaves (<i>Tilia</i> sp.) in Austria (Innsbruck)
OTU 85	4	1826	Ascomycota	Xylariales	Unassigned	Xylariales sp.	<i>Leiosphaerella lycopodina</i> JF440975	90%(479/533)	Unreported
OTU 86	3	297	Basidiomycota	Pucciniales	Melampsoraceae	<i>Melampsora epitea</i> ^a	<i>Melampsora epitea</i> GQ479257	98%(216/220)	Willow in Canada (Nunavut, Keewatin District, Chesterfield Inlet)
OTU 87	9	248	Ascomycota	Hypocreales	Nectriaceae	<i>Fusarium</i> sp.	Uncultured <i>Fusarium</i> sp. GQ280339	99%(535/536)	Plant roots (<i>Paphiopedilum armeniacum</i>) in South Western China
OTU 88	2	23	Basidiomycota	Erythrobasidiales	Unassigned	Erythrobasidiales sp.	Uncultured basidiomycete AM901803	95%(469/496)	House dust in Finland
							<i>Erythrobasidium hasegawianum</i> AB036065	94%(442/469)	Plant in Japan
OTU 89	2	388	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	<i>Scleraconidioma sphagnicola</i> NR121294	93%(215/230)	Unreported
OTU 90	1	15	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone FM999599	95%(389/411)	Forest soil in USA (Ohio)
							Uncultured Helotiales clone FJ475762	92%(393/426)	<i>Pinus sylvestris</i> forest soil in Sweden
OTU 91	2	22	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KF274394	99%(434/437)	<i>Picea abies</i> stumps in Finland
							Helotiales sp. HQ845751	92%(394/426)	Surface sterilized needle tissue (<i>Pinus monticola</i>) in USA (Antler Ridge Property, Missoula, MT)
OTU 92	3	15	Basidiomycota	Agaricostilbales	Agaricostilbaceae	Agaricostilbaceae sp.	<i>Bensingtonia chanbaiensis</i> AY233339	93%(402/432)	Unreported
OTU 93	4	1383	Ascomycota	Pleosporales	Phaeosphaeriaceae	Phaeosphaeriaceae sp.	Fungal sp. KF527818	96%(371/387)	Plant (<i>Carex bigelowii</i>) root in Finland
							<i>Mycopappus aceris</i> FJ839625	93%(362/390)	Fallen leaves (<i>Acer macrophyllum</i>) in Canada
OTU 94	2	577	Ascomycota	Pleosporales	Leptosphaeriaceae	<i>Leptosphaeria pedicularis</i> ^a	<i>Leptosphaeria pedicularis</i> JF740224	99%(331/336)	Plant (<i>Pedicularis</i>) Switzerland

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 95	7	131	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	Uncultured fungus clone GU174277	95%(399/419)	Forest floor (<i>Acer saccharum</i>) in USA (Michigan, Baraga State Forest area) (46.8634N; 88.8843W)
							<i>Articulospora tetracladia</i> EU998929	92% (387/420)	Aquatic sample
OTU 96	3	10	Basidiomycota	Tremellales	Tremellaceae	<i>Dioszegia</i> sp. ^b	<i>Dioszegia</i> sp. DQ402529	98%(409/416)	Soils of Taylor Valley, Antarctica
OTU 97	1	160	Ascomycota	Chaetothyriales	Herpotrichiellaceae	Herpotrichiellaceae sp.	Uncultured fungus clone KC965841	98%(521/534)	Arctic soil in USA (69.67N; 148.72W)
							<i>Capronia</i> sp. EU139151	90%(454/506)	Lichen Umbilicariales in USA (Appalachian Mts.)
OTU 98	2	3	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae sp.	Uncultured fungus clone KF274301	87%(433/497)	<i>Picea abies</i> stumps in Finland
							<i>Teratosphaeria encephalarti</i> FJ372400	91%(369/405)	Living leaves (<i>Encephalartos lebomboensis</i>) in South Africa
OTU 99	2	5	Basidiomycota	Cystofilobasidiales	Cystofilobasidiaceae	<i>Cryptococcus niccomabsii</i> ^a	Uncultured Basidiomycota clone AM901720	99%(361/364)	House dust in Finland
							<i>Cryptococcus niccomabsii</i> AY029346	99%(323/325)	Unreported
OTU 100	5	10	Ascomycota	Phacidiales	Phacidiaceae	Phacidiaceae sp.	Uncultured fungus clone JN032535	92%(490/533)	Moss litter from coniferous forest
							<i>Allantophomopsis lycopodina</i> JX981469	91%(478/524)	Above-ground tissue of <i>Lycopodium annotinum</i> in Poland
OTU 101	1	8	Ascomycota	Lecanorales	Porpidiaceae	<i>Biatora</i> sp. ^b	Uncultured fungus clone KC965546	98%(385/391)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Biatora tetramera</i> AJ247561	95%(365/386)	Finland (Karelia australis)
OTU 102	1	39	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	<i>Phaeothecoidea melaleuca</i> HQ599594	90%(508/567)	On leaves of <i>Melaleuca quinquenervia</i> in Australia
OTU 103	3	337	Ascomycota	Microascales	Halosphaeriaceae	<i>Monodictys arctica</i> ^a	Uncultured fungus clone GU817175	99%(520/522)	Root systems of <i>Bistorta vivipara</i> in Norway: Svalbard Midtre Lovenbreen (78.90555N; 12.08450E)
							<i>Monodictys arctica</i> EU686521	98% (509/519)	Roots of <i>Saxifraga oppositifolia</i> in Canadian High Arctic
OTU 104	2	2	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KF297187	99%(391/395)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Sarea difformis</i> FJ903295	88%(346/394)	<i>Picea abies</i> stands of Latvia
OTU 105	4	403	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae sp.	Uncultured ascomycete clone EU490102	92%(317/343)	Savanna soil under grasses in USA (33.85 N; 99.45 W)
							<i>Teratosphaeria allistairii</i> JX556227	92% (315/342)	Leaves (<i>Protea repens</i>) in South Africa (Hermanus)
OTU 106	1	3	Ascomycota	Hypocreales	Nectriaceae	Nectriaceae sp.	Uncultured fungus clone GU721600	87%(419/479)	Surface dust in USA
							<i>Nectria berolinensis</i> HM534893	90% (382/426)	Plant <i>Ribes sanguineum</i>

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 107	1	14	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KF296943	88%(345/394)	Arctic soil in Canada (76.23N; 119.30W)
OTU 108	1	3	Ascomycota	Unassigned	Unassigned	<i>Xenopolyscytalum</i> sp. ^b	Uncultured Leotiomycetes clone HM230882	98%(438/449)	Cavendishoid mycorrhiza of <i>Cavendishia bracteata</i> in Ecuador
							<i>Xenopolyscytalum pinea</i> HQ599581	95% (425/449)	Needles of <i>Pinus</i> sp. In Netherlands
OTU 109	2	4	Ascomycota	Capnodiales	Mycosphaerellaceae	Mycosphaerellaceae sp.	Uncultured fungus clone KC965961	96%(474/493)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Xenostigmata zilleri</i> FJ839639	90% (419/468)	Fallen leaves in Canada
OTU 110	2	93	Ascomycota	Capnodiales	Cladosporiaceae	<i>Cladosporium</i> sp. ^b	Uncultured fungus clone KC965568	99%(519/520)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Cladosporium</i> sp. EU167586	97% (529/543)	Leaf of <i>Trifolium</i>
OTU 111	7	1060	Ascomycota	Pleosporales	Phaeosphaeriaceae	<i>Mycopappus</i> sp. ^b	Uncultured fungus clone KF296865	99%(500/505)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Mycopappus aceris</i> FJ839625	95% (507/532)	Fallen leaves (<i>Acer macrophyllum</i>) in Canada
OTU 112	6	184	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured Helotiales isolate GU931728	95%(345/365)	House dust in Canada (45.2556N; 75.9204W)
OTU 113	1	5	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KC965228	98%(368/376)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Umbilicaria decussata</i> AF096214	88% (397/449)	Unreported
OTU 114	1	3	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone JN904716	90%(204/226)	Phyllosphere of <i>Fagus sylvatica</i> in France
OTU 115	1	5	Ascomycota	Unassigned	Unassigned	Dothideomycetes sp.	Dothideomycetes sp. JQ759518	99% (287/290)	Surface sterilized photosynthetic tissue of Plant (<i>Cassiope tetragona</i>) in USA (64.5011N; 165.4064W)
OTU 116	8	146	Basidiomycota	Cystofilobasidiales	Cystofilobasidiaceae	<i>Mrakia</i> sp. ^b	Uncultured <i>Mrakia</i> isolate GU931743	98%(313/321)	House dust in Canada (45.2556N; 75.9204W)
OTU 117	1	9	Ascomycota	Helotiales	Unassigned	Helotiales sp.	<i>Pezizella discreta</i> JF908571	94%(475/508)	Italy
OTU 118	1	5	Ascomycota	Pleosporales	Leptosphaeriaceae	<i>Phoma sclerotioides</i> ^a	<i>Phoma sclerotioides</i> EU265670	99%(473/478)	Plant (<i>Medicago sativa</i>) root in USA (New Mexico)
OTU 119	2	231	Ascomycota	Helotiales	Vibrissaceae	Vibrissaceae sp.	Uncultured Vibrissaceae clone FR773173	92%(338/367)	Plant <i>Rhododendron ferrugineum</i>
OTU 120	10	469	Ascomycota	Pleosporales	Unassigned	Pleosporales sp.	Uncultured fungus clone GU817159	98%(421/430)	Plant root (<i>Bistorta vivipara</i>) in Norway: Svalbard Midtre Lovenbreen (78.90555N; 12.08450E)
							Pleosporales sp. AB751503	94% (420/445)	Plant (<i>Salix arctica</i>) leaf and stem litter in high-arctic Canada
OTU 121	1	4	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KF800411	84%(335/398)	House dust in USA (Missouri, Kansas City)

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OTU 122	2	566	Ascomycota	Hypocreales	Unassigned	Hypocreales sp.	Uncultured fungus clone GU817178	96%(512/536)	Plant root (<i>Bistorta vivipara</i>) in Norway: Svalbard Midtre Lovenbreen (78.90555N; 12.08450E)
							Uncultured Hypocreales clone FJ554224	88% (471/536)	Forest soil in from the long-term soil productivity site Skulow Lake
OTU 123	5	143	Ascomycota	Unassigned	Unassigned	<i>Articulospora</i> sp. ^b	Uncultured fungus clone GU174277	97%(501/518)	Forest floor (<i>Acer saccharum</i>) in USA (Michigan, Baraga State Forest area) (46.8634N; 88.8843W)
							<i>Articulospora tetracladia</i> EU998918	96% (496/519)	Aquatic sample
OTU 124	1	85	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone FN610978	89%(425/480)	Sandy clayey soil from a Fagus sylvatica forest stand
							<i>Tothia fuscella</i> JF927786	86%(418/487)	Plant (<i>Teucrium chamaedrys</i>)
OTU 125	7	161	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured <i>Cryptococcus</i> clone KC753413	97%(360/373)	Plant stem (<i>Triticum aestivum</i>) in Sweden
OTU 126	2	2	Ascomycota	Venturiales	Venturiaceae	Venturiaceae sp.	<i>Tothia fuscella</i> JF927786	93%(457/494)	Unreported
OTU 127	2	11	Ascomycota	Venturiales	Unassigned	Ascomycota sp.	Uncultured fungus clone AM260882	89%(310/350)	Peat in United Kingdom (57.36N; 2.90W)
							<i>Venturia tremulae</i> EU035475	88%(304/347)	Plant (<i>Populus tremula</i>) in Italy
OTU 128	7	705	Ascomycota	Capnodiales	Unassigned	Capnodiales sp.	Uncultured fungus clone JQ247386	95%(483/523)	Soil from transition shrubland (32.41N; 116.68W)
							<i>Penidiella ellipsoidea</i> JF499843	92%(483/523)	Leaf bracts (<i>Phaenocoma prolifera</i>) in South Africa
OTU 129	3	27	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus victoriae</i> ^a	<i>Cryptococcus victoriae</i> JX188144	99%(331/334)	Plant (<i>Vitis vinifera</i>) in USA (Central Washington State)
OTU 130	1	9	Basidiomycota	Tremellales	Unassigned	Tremellales sp.	Uncultured fungus clone KC965860	98%(468/479)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Cryptococcus dimennae</i> HG008764	86%(381/444)	Air sample in France (Montignac, Lascaux Cave)
OTU 131	2	276	Ascomycota	Venturiales	Venturiaceae	<i>Venturia</i> sp. ^b	<i>Venturia minuta</i> EU035464	96%(365/379)	Plant (<i>Salix nigricans</i>) in Switzerland
OTU 132	3	102	Basidiomycota	Pucciniales	Melampsoraceae	<i>Melampsora epitea</i> ^a	<i>Melampsora epitea</i> GQ479257	98%(228/233)	Willow in Canada (Nunavut, Keewatin District, Chesterfield Inlet)
OTU 133	1	44	Basidiomycota	Sebacinales	Sebacinaceae	Sebacinaceae sp.	Uncultured fungus clone KF296861	99%(493/498)	Arctic soil in Canada (76.23N; 119.30W)
							Uncultured <i>Sebacina</i> clone JQ420971	92% (475/517)	Plant species <i>Vaccinium myrtillus</i>
OTU 134	3	1213	Ascomycota	Unassigned	Unassigned	Dothideomycetes sp.	Uncultured fungus clone KF800576	90%(510/569)	Indoor air in USA (Missouri, Kansas City)

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
							Dothideomycetes sp. JQ759619	92% (456/498)	Surface sterilized photosynthetic tissue of Plant (<i>Cassiope tetragona</i>) in USA (64.5011N; 165.4064W)
OTU 135	1	11	Basidiomycota	Tremellales	Unassigned	Tremellales sp.	Uncultured Basidiomycota clone GU328576	95%(268/281)	Oe layer in forest
							<i>Cryptococcus</i> sp. HQ890370	94% (239/255)	Plant leaves in China
OTU 136	1	6	Ascomycota	Saccharomycetales	Metschnikowiaceae	<i>Metschnikowia</i> sp. ^b	<i>Metschnikowia bicuspidata</i> EF643581	95%(377/398)	Unreported
OTU 137	9	1250	Basidiomycota	Cystofilobasidiales	Cystofilobasidiaceae	<i>Mrakia</i> sp. ^b	Uncultured <i>Mrakia</i> isolate GU931743	99%(483/490)	House dust in Canada (45.2556N; 75.9204W)
OTU 138	3	139	Basidiomycota	Pucciniales	Melampsoraceae	<i>Melampsora epitea</i> ^a	<i>Melampsora epitea</i> GQ479257	100%(201/201)	Willow in Canada (Nunavut, Keewatin District, Chesterfield Inlet)
OTU 139	2	69	Ascomycota	Venturiales	Venturiaceae	<i>Venturia atriseda</i> ^a	<i>Venturia atriseda</i> EU035449	98%(556/565)	Plant (<i>Gentiana lutea</i>) in Switzerland
OTU 140	1	7	Ascomycota	Unassigned	Unassigned	Pezizomycotina sp.	Uncultured fungus clone KF274441	92%(239/261)	Wood stump (<i>Picea abies</i>) in Finland
							Uncultured Pezizomycotina clone FJ553309	89% (232/260)	Forest soil from the long-term soil productivity site Skulow Lake in Canada
OTU 141	5	24	Ascomycota	Thelebolales	Thelebolaceae	Thelebolaceae sp.	Uncultured Thelebolaceae clone FM178231	99%(540/543)	Malthouse waster water
OTU 142	5	636	Unassigned	Unassigned	Unassigned	<i>Phaeosphaeria</i> sp. ^b	Uncultured ascomycete clone AM901822	96%(421/439)	House dust in Finland
							<i>Phaeosphaeria triglochicola</i> AF439507	96% (364/379)	Plant (<i>Triglochin palustris</i>) in Switzerland
OTU 143	1	3	Ascomycota	Unassigned	Unassigned	Pezizomycotina sp.	Uncultured fungus clone KF274441	94%(459/487)	Wood stump (<i>Picea abies</i>) in Finland
							Uncultured Pezizomycotina clone FJ553309	89% (466/523)	Forest soil from the long-term soil productivity site Skulow Lake
OTU 144	1	24	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone EF521234	89%(283/319)	Mesh bags buried in a phosphorus-poor spruce forest
OTU 145	1	306	Ascomycota	Unassigned	Unassigned	<i>Scleroconidioma</i> sp. ^b	<i>Scleroconidioma sphagnicola</i> NR121294	95%(541/569)	Unreported
OTU 146	4	9	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae sp.	Uncultured fungus clone KF297284	99%(502/509)	Arctic soil in Canada (Banks Island) (73.22N; 119.56W)
							Uncultured <i>Devriesia</i> clone JF519086	90% (459/511)	<i>Fagus sylvatica</i> lateral root in Austria (Klausenleopoldsdorf)
OTU 147	2	38	Ascomycota	Xylariales	Xylariaceae	Xylariaceae sp.	Uncultured Xylariaceae isolate EU326164	98%(429/437)	Ectomycorrhizal root tip of <i>Salix herbacea</i> on a glacier forefront in the Austrian Alps

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OTU 148	2	5	Ascomycota	Capnodiales	Unassigned	<i>Elasticomyces elasticus</i> ^a	<i>Elasticomyces elasticus</i> FJ415476	98%(448/457)	Lichen in Antarctica
OTU 149	3	28	Basidiomycota	Tremellales	Unassigned	<i>Dioszegia fristingensis</i> ^a	<i>Dioszegia fristingensis</i> JQ768931	99%(479/480)	Glacier surface snow in China (Tibet plateau)
OTU 150	2	20	Ascomycota	Capnodiales	Cladosporiaceae	<i>Rachicladosporium monterosium</i> ^a	Uncultured fungus clone KC966347	97%(495/511)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Rachicladosporium monterosium</i> KF309940	98%(464/472)	Unreported
OTU 151	4	10	Ascomycota	Microascales	Halosphaeriaceae	<i>Monodictys</i> sp. ^b	<i>Monodictys arctica</i> EU686521	96%(419/435)	Roots of <i>Saxifraga oppositifolia</i> in Canadian High Arctic
OTU 152	1	30	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KC965667	98%(461/470)	Arctic soil in USA (69.15N; 148.85W)
							Uncultured Helotiales clone FJ827194	96%(326/341)	Ectomycorrhiza of <i>Potentilla</i> sp. on an alpine-meadow in southwestern China
OTU 153	1	5	Ascomycota	Chaetothyriales	Trichomeriaceae	Trichomeriaceae sp.	Uncultured soil fungus clone DQ421063	99%(559/568)	Soil in USA (Cedar Creek, Minnesota)
							<i>Knufia petricola</i> KC978734	94%(549/582)	Unreported
OTU 154	1	12	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KF742558	97%(349/358)	Imported asymptomatic live woody plant material (<i>Acer</i>) in USA
							Uncultured Helotiales clone KF498574	87%(415/478)	Extracted from fine roots (<i>Fagus sylvatica</i>) in Germany (Beech forest near Tuttlingen, Swabian)
OTU 155	2	14	Basidiomycota	Unassigned	Unassigned	Basidiomycota sp.	Uncultured basidiomycete AM901997	98%(367/375)	House dust in Finland
OTU 156	1	7	Ascomycota	Helotiales	Unassigned	<i>Varicosporium elodeae</i> ^a	Uncultured fungus clone KF617967	90%(346/386)	<i>Picea mariana</i> forest soil organic horizon in USA (Alaska, Bonaza Creek LTER) (63.9062N; 145.3712W)
							<i>Varicosporium elodeae</i> JN995640	97%(257/264)	Svalbard
OTU 157	3	2383	Ascomycota	Hypocreales	Unassigned	Hypocreales sp.	Uncultured fungus clone GU817178	95%(406/427)	Root system of <i>Bistorta vivipara</i> in Norway (Svalbard Midtre Lovenbreen) (78.90N; 12.08E)
							<i>Myrothecium</i> sp. KF723006	90%(381/423)	Aerated municipal sewage sludge in India (Koyambedu, Chennai)
OTU 158	1	3	Ascomycota	Chaetothyriales	Herpotrichiellaceae	Herpotrichiellaceae sp.	Uncultured ascomycete clone AM901730	91%(386/424)	House dust in Finland
							<i>Coniosporium</i> sp. AJ971446	90%(381/423)	Marble monument in Turkey (Mediterranean)

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 159	6	471	Ascomycota	Capnodiales	Mycosphaerellaceae	Mycosphaerellaceae sp.	Uncultured soil fungus clone DQ420833	97%(514/530)	Soil in USA (Cedar Creek, Minnesota)
							<i>Xenostigmata zilleri</i> FJ839639	94%(503/535)	Fallen leaves of <i>Acer macrophyllum</i> in Canada
OTU 160	1	12	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	<i>Gremmeniella laricina</i> U72262	94%(343/363)	From <i>Larix decidua</i> in Switzerland
OTU 161	2	25	Basidiomycota	Pucciniales	Melampsoraceae	<i>Melampsora</i> sp. ^b	Uncultured <i>Melampsora</i> clone JN646138	95%(328/344)	Small discs of infected leaf material of <i>Saxifraga arbuscula</i> in United Kingdom (Scotland, Beinn Heasgarnich)
OTU 162	2	12	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KF274173	89%(446/500)	<i>Picea abies</i> stumps in Finland
							Uncultured Helotiales clone FJ827194	85%(382/448)	Ectomycorrhiza of <i>Potentilla</i> sp. on an alpine-meadow in southwestern China
OTU 163	2	115	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KF296725	99%(485/491)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Hyaloscypha</i> sp. GU393951	84%(443/527)	Scots pine needles (<i>Pinus sylvestris</i>) in Sweden
OTU 164	5	225	Ascomycota	Helotiales	Unassigned	Helotiales sp.	<i>Leptodontidium orchidicola</i> KF646097	94%(461/490)	Plant root of <i>Rosa rugosa</i> in Lithuania
OTU 165	1	19	Ascomycota	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KC966118	99%(510/512)	Arctic soil in USA (69.67N;148.72W)
OTU 166	7	1696	Ascomycota	Helotiales	Helotiaceae	<i>Articulospora</i> sp. ^b	Uncultured fungus clone KC966259	99%(482/489)	Arctic soil in Canada (76.23N;119.30W)
							<i>Articulospora tetracladia</i> EU998918	96%(482/504)	Aquatic sample
OTU 167	1	7	Basidiomycota	Naohideales	Unassigned	Naohideales sp.	<i>Naohidea sebaceae</i> NR121324	89%(429/482)	Taiwan
OTU 168	7	189	Ascomycota	Pleosporales	Melanommataceae	Melanommataceae sp.	Fungal sp. KF527818	95%(444/467)	Plant (<i>Carex bigelowii</i>) root in Finland
							<i>Herpotrichia juniperi</i> JX981496	94%(405/430)	Plant in Poland
OTU 169	1	276	Chytridiomycota	Chytridiales	Unassigned	Chytridiales sp.	<i>Synchytrium cupulatum</i> KF160867	89%(221/247)	Plant (<i>Dryas octopetala</i>) in Finland
OTU 170	3	53	Ascomycota	Capnodiales	Unassigned	<i>Penidiella</i> sp. ^b	<i>Penidiella ellipsoidea</i> JF499843	95%(455/480)	Leaf bracts (<i>Phaenocoma prolifera</i>) in South Africa
OTU 171	3	99	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	<i>Claussenomyces</i> sp. HQ533008	94%(472/503)	New Zealand
OTU 172	1	587	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured <i>Tetracladium</i> clone KC694156	95%(510/539)	Roots of <i>Triticum aestivum</i> in Sweden
OTU 173	3	6	Ascomycota	Helotiales	Leotiaceae	<i>Alatospora</i> sp. ^b	Uncultured <i>Alatospora</i> clone JF519259	96%(381/398)	<i>Fagus sylvatica</i> lateral root in Austria (48.11N; 16.05E)
OTU 174	7	391	Unassigned	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone KF742601	95%(466/488)	Imported asymptomatic live woody plant material (<i>Prunus</i>) in USA

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 175	3	10	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured Helotiales clone FJ827183	91%(487/536)	Ectomycorrhiza of <i>Potentilla</i> sp. on alpine-meadow in southwestern China
OTU 176	3	347	Ascomycota	Venturiales	Venturiaceae	<i>Venturia minuta</i> ^a	<i>Venturia minuta</i> EU035464	97%(541/556)	Plant (<i>Salix nigricans</i>) in Switzerland
OTU 177	1	5	Ascomycota	Microascales	Halosphaeriaceae	<i>Monodictys</i> sp. ^b	Uncultured fungus clone GU817175	96%(449/468)	Root systems of <i>Bistorta vivipara</i> in Norway (Svalbard Midtre Lovenbreen) (78.90N; 12.08E)
							<i>Monodictys arctica</i> EU686521	96%(448/467)	Roots of <i>Saxifraga oppositifolia</i> in Canadian High Arctic
OTU 178	1	23	Basidiomycota	Unassigned	Unassigned	Basidiomycota sp.	Uncultured fungus clone EF521234	91%(419/462)	Mesh bags in a phosphorus-poor spruce forest
							Basidiomycete sp. AM084802	89%(351/396)	Boreal forests in Norway
OTU 179	5	706	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured soil fungus clone JQ666656	98%(519/532)	Forest soil in northern temperate forest (China, Changbai Mountain)
							<i>Tetracladium furcatum</i> EU883432	96%(513/533)	Auqtic sample
OTU 180	3	221	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KC966025	95%(365/384)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Pseudeuratum bakeri</i> GU934582	86%(491/547)	Root systems from mixed <i>Fraxinus excelsior</i> stands with rich soils and badly damaged by fungal attacks in Lithuania
OTU 181	4	24	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured fungus clone KC965587	98%(483/495)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Seimatosporium walkeri</i> JN871207	94% (490/523)	Plant (<i>Eucalyptus</i> sp.) in Australia
OTU 182	6	1066	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured <i>Tetracladium</i> clone KC753432	97%(515/530)	Roots of <i>Triticum aestivum</i> in Sweden
OTU 183	2	496	Ascomycota	Pleosporales	Leptosphaeriaceae	<i>Leptosphaeria pedicularis</i> ^a	<i>Leptosphaeria pedicularis</i> JF740224	98%(456/463)	Pedicularis in Switzerland
OTU 184	1	65	Ascomycota	Capnodiales	Unassigned	Capnodiales sp.	Uncultured Capnodiales clone KF922740	90%(454/504)	Apple surface in USA (Iowa)
OTU 185	4	1196	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	<i>Leiosphaerella lycopodina</i> JF440975	91%(375/410)	Unreported
OTU 186	9	2394	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured basidiomycete clone AM901845	97%(359/369)	House dust in Finland
							Uncultured <i>Cryptococcus</i> clone JF495244	97%(359/370)	Beech litter in Austria (Lower Austria, Klausenleopoldsdorf)
OTU 187	4	314	Ascomycota	Capnodiales	Unassigned	Capnodiales sp.	Uncultured fungus clone KC965669	99%(497/504)	Arctic soil in USA (69.15N; 148.85W)
							<i>Penidiella ellipsoidea</i> JF499843	91%(455/500)	Leaf bracts (<i>Phaenocoma prolifera</i>) in South Africa

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OTU 188	1	2	Ascomycota	Helotiales	Sclerotiniaceae	<i>Sclerotinia</i> sp. ^b	<i>Sclerotinia</i> sp. AJ279480	99%(526/529)	Unreported
OTU 189	5	352	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured Helotiales clone GU998549	98%(500/508)	Ectomycorrhiza root tip region of <i>Betula nana</i> in USA, Toolik Lake, AK (68.63N; 149.57W)
OTU 190	1	10	Ascomycota	Helotiales	Hyaloscyphaceae	<i>Mycarthris</i> sp. ^b	Uncultured Helotiales isolate GU931728	96%(498/521)	House dust in Canada (45.2556N; 75.9204W)
							Uncultured <i>Mycarthris</i> clone JF449666	96%(480/499)	Beech litter in Austria (Carinthia, Ossiach)
OTU 191	6	767	Ascomycota	Helotiales	Unassigned	<i>Lemniera</i> sp. ^b	Uncultured fungus clone GU174277	98%(519/529)	Forest floor (<i>Acer saccharum</i>) in USA (46.86N; 88.88W)
							Uncultured <i>Lemniera</i> clone JF449671	96%(490/509)	Beech litter in Austria (Carinthia, Ossiach)
OTU 192	1	8	Basidiomycota	Agaricales	Cortinariaceae	Cortinariaceae sp.	Uncultured fungus clone KC965950	93%(470/506)	Arctic soil in Canada (73.22N; 119.56W)
							Uncultured <i>Hebeloma</i> clone JQ724055	92%(486/531)	Ectomycorrhiza of <i>Salix fragilis</i> in Sweden
OTU 193	1	101	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	Uncultured fungus clone KC966294	94%(477/505)	Arctic soil in USA (69.15N; 148.85W)
							<i>Claussenomyces</i> sp. HQ533008	92%(490/530)	New Zealand
OTU 194	2	48	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured Helotiales clone KC455325	99%(487/489)	Root system in Arctic tundra (USA, Anaktuvuk River Fire, AK)
OTU 195	2	10	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured <i>Tetracladium</i> clone KC753432	97%(353/364)	Roots of <i>Triticum aestivum</i> in Sweden
OTU 196	2	37	Ascomycota	Helotiales	Leotiaceae	<i>Alatospora flagellata</i> ^a	<i>Alatospora flagellata</i> KC834041	98%(500/509)	Stream, <i>Fagus sylvatica</i> leaf, CZ
OTU 197	2	125	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KC965311	99%(511/517)	Arctic soil in Canada (73.22N; 119.56W)
							Uncultured <i>Tetracladium</i> clone GU327472	94% (507/541)	Mycorrhizal seedling (<i>Epipactis atrorubens</i>) in Czech
OTU 198	2	8	Ascomycota	Verrucariales	Verrucariaceae	<i>Polyblastia wheldonii</i> ^a	Uncultured fungus clone KC966360	100%(479/479)	Arctic soil in Canada (73.22N; 119.56W)
							<i>Polyblastia wheldonii</i> EU553497	98%(428/436)	Sweden
OTU 199	1	17	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KF274382	96%(464/482)	<i>Picea abies</i> stumps in Finland
							Helotiales sp. AY465452	96% (400/417)	Surface-sterilized needle (<i>Pinus monticola</i>) in USA (Idaho, Long Caven)
OTU 200	2	42	Ascomycota	Chaetothiales	Unassigned	Chaetothiales sp.	Uncultured fungus clone KF274441	94%(458/489)	Wood stump (<i>Picea abies</i>) in Finland
							<i>Sarcinomyces crustaceus</i> NR121503	90%(470/528)	Unreported
OTU 201	2	333	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae sp.	<i>Teratosphaeria encephalari</i> FJ372400	93%(390/420)	Living leaves (<i>Encephalartos lebomboensis</i>) in South Africa

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OTU 202	3	16	Basidiomycota	Trichosporonales	Trichosporonaceae	<i>Trichosporon loubieri</i> ^a	<i>Trichosporon loubieri</i> KC254110	98%(488/498)	Nails in Greece
OTU 203	6	201	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured fungus clone KC965366	99%(496/498)	Arctic soil in Canada (76.23N; 119.30W)
							Uncultured <i>Tetracladium</i> clone KC694157	96%(500/522)	Plant (<i>Triticum aestivum</i>) roots in Sweden
OTU 204	3	14	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KC965324	99%(359/360)	Arctic soil in USA (70.31N; 147.99W)
							Uncultured Ascomycota clone FN555433	87%(342/391)	Liverwort (<i>Lophozia excisa</i>) in Antarctica (western Antarctic Peninsula, Leonie Island)
OTU 205	4	6	Ascomycota	Unassigned	Unassigned	<i>Mycosymbiocytes</i> sp. ^b	Uncultured fungus clone KF296894	99%(465/468)	Arctic soil in Canada (78.78N; 103.55W)
							<i>Mycosymbiocytes mycenaphila</i> KF030236	96%(418/435)	Growing with <i>Mycena</i> sp. in USA (Oregon)
OTU 206	6	1844	Ascomycota	Pleosporales	Phaeosphaeriaceae	<i>Phaeosphaeria triglochicola</i> ^a	Uncultured ascomycete clone AM901822	98%(519/528)	House dust in Finland
							<i>Phaeosphaeria triglochicola</i> AF439507	99% (463/468)	Plant (<i>Triglochin palustris</i>) in Switzerland
OTU 207	4	3252	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	<i>Articulospora tetracladia</i> EU998926	91%(457/502)	Aquatic sample
OTU 208	2	20	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured soil fungus clone JQ666493	98%(497/506)	Soil in a northern temperate forest (China, Changbai Mountain)
							Uncultured Helotiales clone JF748081	93%(474/510)	Ectomycorrhiza of <i>Quercus liaotungensis</i> in the Chinese Loess Plateau
OTU 209	1	156	Basidiomycota	Sebacinales	Sebacinaceae	Sebacinaceae sp.	Uncultured fungus clone KC966121	94%(473/505)	Arctic soil in USA (69.67N; 148.72W)
							<i>Sebacina vermifera</i> DQ520096	92%(489/531)	Unreported
OTU 210	2	79	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KF296855	94%(490/519)	Arctic soil in Canada (78.78N; 103.55W)
							<i>Oleoguttula mirabilis</i> KF309972	94%(443/472)	Unreported
OTU 211	1	3	Ascomycota	Unassigned	Unassigned	Fungus sp.	Uncultured fungus clone JX364434	92%(315/341)	Soil in USA
OTU 212	7	37	Ascomycota	Venturiales	Venturiaceae	<i>Venturia</i> sp. ^b	<i>Venturia</i> sp. AB916509	99%(500/501)	Bird feather in Norway
OTU 213	4	99	Ascomycota	Helotiales	Unassigned	<i>Tetracladium</i> sp. ^b	Uncultured ascomycete clone FJ378864	96%(511/531)	Ectomycorrhiza of <i>Kobresia</i> sp. in Eastern Himalaya
							Uncultured <i>Tetracladium</i> clone FJ803966	96% (510/532)	Root tip from trees (<i>Populus davidiana</i>) in boreal temperate forest from linner Monoglia in China

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 214	1	12	Basidiomycota	Agaricales	Inocybaceae	Inocybaceae sp.	Uncultured fungus clone KC965838	94%(335/356)	Arctic soil in USA (69.67N; 148.72W)
							<i>Inocybe ochroalba</i> EU326165	93% (315/338)	Ectomycorrhizal root tip of <i>Salix herbacea</i> in Austria (46.83N; 11.02E)
OTU 215	10	1480	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured <i>Cryptococcus</i> clone KC753413	99%(354/357)	Plant (<i>Triticum aestivum</i>) stem in Sweden
OTU 216	1	12	Basidiomycota	Pucciniales	Melampsoraceae	Melampsoraceae sp.	<i>Melampsora</i> sp. JF825971	94%(360/382)	Plant (<i>Salix viminalis</i>) in Sweden (Skane)
OTU 217	1	2	Ascomycota	Saccharomycetales	Saccharomycetaceae	<i>Komagataella pastoris</i> ^a	<i>Komagataella pastoris</i> KF468220	99%(288/291)	Unreported
OTU 218	1	164	Ascomycota	Helotiales	Helotiaceae	<i>Claussenomyces</i> sp. ^b	Uncultured fungus clone KC966294	100%(500/500)	Arctic soil in USA (69.15N; 148.85W)
							<i>Claussenomyces</i> sp. HQ533008	96%(502/524)	New Zealand
OTU 219	3	12	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured Helotiales clone JN847454	100%(529/529)	Ectomycorrhizal root tips of <i>Tristaniopsis</i> spp. in New Caledonia
OTU 220	3	29	Ascomycota	Helotiales	Helotiaceae	<i>Hymenoscyphus caudatus</i> ^a	<i>Hymenoscyphus caudatus</i> KC481687	97%(497/511)	Plant (<i>Alnus</i> sp.) in Germany
OTU 221	3	810	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	Uncultured <i>Helicodendron</i> isolate GU931747	92%(445/486)	House dust in Canada (45.2556 N, 75.9204W)
OTU 222	8	266	Basidiomycota	Tremellales	Unassigned	<i>Cryptococcus</i> sp. ^b	Uncultured <i>Cryptococcus</i> clone KC753413	98%(502/514)	Plant (<i>Triticum aestivum</i>) stem in Sweden
OTU 223	6	4749	Ascomycota	Unassigned	Unassigned	Dothideomycetes sp.	Dothideomycetes sp. JQ759518	100%(447/447)	Surface sterilized photosynthetic tissue of Plant (<i>Cassiope tetragona</i>) in USA (64.5011N; 165.4064W)
							<i>Venturia hystrioides</i> EU035459	86% (485/563)	Unreported
OTU 224	1	27	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KC965795	93%(450/484)	Arctic soil in Canada (76.23N; 119.30W)
							Uncultured ascomycete clone AM901946	84%(342/406)	House dust in Finland
OTU 225	1	14	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	<i>Sympodiella acicola</i> EU449953	86%(324/378)	Litter needles (<i>Pinus sylvestris</i>) in Czech
OTU 226	1	3	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured <i>Tetracladium</i> clone KC753432	92%(458/496)	Roots of <i>Triticum aestivum</i> in Sweden
OTU 227	4	44	Ascomycota	Saccharomycetales	Saccharomycetaceae	<i>Pichia pastoris</i> ^a	<i>Pichia pastoris</i> FR839631	99%(376/379)	Unreported
OTU 228	6	776	Ascomycota	Helotiales	Helotiaceae	Helotiaceae sp.	Uncultured fungus clone KF274177	96%(395/412)	<i>Picea abies</i> stumps in Finland
							<i>Articulospora tetracladia</i> EU998926	94% (390/413)	Aquatic sample
OTU 229	2	62	Ascomycota	Helotiales	Unassigned	<i>Tetracladium furcatum</i> ^a	<i>Tetracladium furcatum</i> EU883432	97%(519/533)	Aquatic sample

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 230	6	45	Ascomycota	Saccharomycetales	Saccharomycetaceae	<i>Pichia pastoris</i> ^a	<i>Pichia pastoris</i> FR839630	98%(386/394)	Unreported
OTU 231	5	235	Ascomycota	Helotiales	Helotiaceae	<i>Tricladium</i> sp. ^b	Uncultured fungus clone KC965406	99%(507/509)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Tricladium angulatum</i> AY204609	96%(485/506)	Aquatic sample
OTU 232	8	339	Ascomycota	Helotiales	Unassigned	<i>Tetracladium furcatum</i> ^a	<i>Tetracladium furcatum</i> EU883432	98%(482/491)	Aquatic sample
OTU 233	3	91	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Ascomycete sp. AM084848	95%(361/380)	Air sample in boreal forest (Norway)
OTU 234	3	46	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KC965311	92%(492/533)	Arctic soil in Canada (73.22N; 119.56W)
							Uncultured <i>Tetracladium</i> clone FJ803966	90%(500/556)	Root tip from trees in boreal temperate forest (China, inner Mongolia)
OTU 235	1	153	Ascomycota	Xylariales	Amphisphaeriaceae	Amphisphaeriaceae sp.	Uncultured Amphisphaeriaceae clone FR773218	98%(462/471)	Unreported
OTU 236	2	15	Basidiomycota	Tremellales	Unassigned	Tremellales sp.	Uncultured fungus clone KF800558	91%(475/520)	Indoor air in USA (Missouri, Kansas City)
							<i>Cryptococcus dimennae</i> HG008764	86% (367/425)	Air sample in France (Montignac, Lascaux Cave)
OTU 237	3	408	Basidiomycota	Sebacinales	Sebacinaceae	Sebacinaceae sp.	Uncultured fungus clone KC966121	95%(452/476)	Arctic soil in USA (69.67N; 148.72W)
							Uncultured <i>Sebacina</i> clone HQ180275	92%(464/504)	Roots of herbaceous plants (<i>Trifolium pratense</i>)
OTU 238	2	18	Ascomycota	Pleosporales	Pleosporineae	<i>Leptosphaeria</i> sp. ^b	Uncultured <i>Leptosphaeria</i> clone EU852362	97%(390/402)	Plant (<i>Fraxinus excelsior</i>) in Sweden
OTU 239	2	48	Ascomycota	Helotiales	Unassigned	Helotiales sp.	Uncultured fungus clone KC966120	99%(427/429)	Arctic soil in USA (69.67N; 148.72W)
							<i>Cadophora malorum</i> GU067760	90%(407/453)	Stump (<i>Picea abies</i>) in Finland
OTU 240	2	155	Ascomycota	Pleosporales	Unassigned	<i>Phoma herbarum</i> ^a	Uncultured <i>Epicoccum</i> clone FN539073	90%(478/533)	Beech sapwood in United Kingdom (53.63N; 7.69W)
							<i>Phoma herbarum</i> FN868459	97% (382/394)	Spanish stands of <i>Pinus halepensis</i>
OTU 241	3	11	Ascomycota	Unassigned	Unassigned	Ascomycota sp.	Uncultured fungus clone KF296938	99%(452/453)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Umbilicaria hyperborea</i> AF096216	86%(416/485)	Unreported
OTU 242	1	5	Ascomycota	Helotiales	Unassigned	Helotiales sp.	<i>Lambertella</i> sp. AB705255	94%(378/402)	Unreported
OTU 243	1	38	Ascomycota	Chaetothyriales	Herpotrichiellaceae	<i>Rhinocladia</i> sp. ^b	Uncultured fungus clone KC965227	97%(538/557)	Arctic soil in Canada (76.23N; 119.30W)
							<i>Rhinocladia</i> sp. FJ948175	97%(499/512)	Rock-inhabiting fungus from Aketao (Xinjiang, China)
OTU 244	2	1045	Ascomycota	Venturiales	Venturiaceae	<i>Venturia alpina</i> ^a	<i>Venturia alpina</i> EU035446	98%(561/571)	Plant (<i>Arctostaphylos alpina</i>) in Switzerland

OTU ID	Freq.	Reads	phylum	Order	Family	Identification	Close GenBank match / Accession	Similarity	Originally reported habitat
OTU 245	6	779	Ascomycota	Helotiales	Hyaloscyphaceae	Hyaloscyphaceae sp.	Uncultured Helotiales isolate GU931728	96%(474/494)	House dust in Canada (45.2556N; 75.9204W)
OTU 246	2	3	Ascomycota	Capnodiales	Teratosphaeriaceae	Teratosphaeriaceae sp.	<i>Teratosphaeria parva</i> EU707877	92%(302/346)	Plant (<i>Protea nitida</i>) leaf in South Africa
OTU 247	4	3776	Basidiomycota	Pucciniales	Melampsoraceae	<i>Melampsora</i> sp. ^b	Uncultured <i>Melampsora</i> clone JN646154	99%(492/497)	Plant (<i>Salix reticulata</i>) in United Kingdom (Scotland)
OTU 248	1	22	Ascomycota	Chaetothyriales	Herpotrichiellaceae	Herpotrichiellaceae sp.	Uncultured endophytic fungus clone KF060234	90%(496/552)	Plant (<i>Decalepis arayalpathra</i>) root in India
							<i>Phaeomoniella</i> sp. JN225891	90% (446/494)	Plant (<i>Nothofagus menziesii</i>) leaves in New Zealand
OTU 249	3	678	Ascomycota	Pleosporales	Unassigned	<i>Phoma herbarum</i> ^a	<i>Phoma herbarum</i> FN868459	99%(518/522)	Spanish stands of <i>Pinus halepensis</i>
OTU 250	1	6	Basidiomycota	Pucciniales	Melampsoraceae	<i>Melampsora</i> sp. ^b	Uncultured <i>Melampsora</i> clone KC883611	98%(394/404)	uredospores on infected leaves (<i>Salix caprea</i> x <i>purpurea</i>)

^aFor sequence identities $\geq 97\%$, the genus and species were accepted.

^bFor sequence identities between 95% and 97%, only the genus was accepted.