

Table S1. Relative abundance of fungal taxa 454-sequenced from root systems (roots) and the sphagnum peat growth substrate (peat) of healthy-looking *Pinus sylvestris* and *Picea abies* seedlings from nine forest nurseries in Sweden. The data from different nurseries is pooled within each tree species.

Taxon	Phylum	Sequence length, bp	Similarity to reference, %	<i>Pinus sylvestris</i>		<i>Picea abies</i>		All
				Roots	Peat	Roots	Peat	
Hyphodiscus hymeniophilus	Ascomycota	221	88	41.6	9.1	43.1	16.5	21.0
Thelephora terrestris	Basidiomycota	330	100	15.6	19.5	22.0	13.3	17.1
Cryptococcus terricola	Basidiomycota	347	100	0.7	15.6	0.3	20.4	13.0
Leucosporidiella creatinivora	Basidiomycota	324	75	0.9	15.4	0.5	13.3	10.6
Phoma herbarum	Ascomycota	267	70	8.1	7.2	7.5	9.4	8.1
Tricladium chaetocladium	Ascomycota	257	18	5.3	2.1	1.6	2.8	2.8
Umbelopsis isabellina	Zygomycota	309	100	0.1	2.4	0.2	3.7	2.2
Hypocrea rufa	Ascomycota	202	72	4.0	1.1	4.7	1.3	2.1
Mortierella macrocystis	Zygomycota	351	82	0.4	4.4	0.0	0.6	1.9
Laccaria proxima	Basidiomycota	203	96	0.8	2.2	0.9	2.1	1.8
Rhodotorula fujisanensis	Basidiomycota	328	100	0.3	3.7	0.0	0.1	1.5
Mortierella gamsii	Zygomycota	349	62	0.2	1.8	0.3	1.9	1.4
Oidiodendron sp GK_2010	Ascomycota	252	65	0.3	2.0	0.1	1.4	1.3
Botryotinia fuckeliana	Ascomycota	206	30	2.3	0.4	1.7	0.2	0.8
Cladosporium rectoides	Ascomycota	262	27	2.3	0.6	0.6	0.4	0.8
Meliniomyces variabilis	Ascomycota	259	100	0.8	0.0	4.5	0.2	0.7
Tylospora fibrillosa	Basidiomycota	306	100	-	-	2.3	1.0	0.6
Inocybe jacobii	Basidiomycota	291	98	0.2	0.4	0.0	0.6	0.4
Tylospora asterophora	Basidiomycota	306	100	0.0	0.0	2.1	0.3	0.4
Holtermanniella nyarrowii	Basidiomycota	338	18	0.1	0.6	0.0	0.2	0.3
Suillus variegatus	Basidiomycota	277	86	2.1	0.0	-	0.0	0.3
Rhodotorula colostri	Basidiomycota	318	98	0.1	0.7	0.0	0.0	0.3
Cystofilobasidium capitatum	Basidiomycota	338	100	0.0	0.8	-	0.0	0.3
Fusarium lateritium	Ascomycota	276	38	0.5	0.3	0.4	0.1	0.3
Wilcoxina mikolae	Ascomycota	274	100	1.6	0.0	0.0	0.0	0.3

<i>Cryptococcus victoriae</i>	Basidiomycota	252	77	0.3	0.4	0.0	0.1	0.3
<i>Cladophialophora minutissima</i>	Ascomycota	274	30	0.0	0.2	0.0	0.5	0.2
<i>Rhizoscyphus ericae</i>	Ascomycota	256	86	0.5	0.2	0.5	0.1	0.2
<i>Amphinema</i> sp 5 UK_2011	Basidiomycota	289	100	-	0.0	0.6	0.5	0.2
<i>Lecythophora fasciculata</i>	Ascomycota	267	46	0.0	0.3	0.0	0.4	0.2
<i>Mortierella elongata</i>	Zygomycota	362	100	0.1	0.4	0.0	0.2	0.2
<i>Hebeloma leucosarx</i>	Basidiomycota	321	82	1.3	0.0	-	-	0.2
<i>Trichosporon xylopinii</i>	Basidiomycota	276	39	0.6	0.1	0.1	0.2	0.2
<i>Leucosporidiella fragaria</i>	Basidiomycota	321	15	-	0.0	-	0.6	0.2
<i>Phomopsis quercella</i>	Ascomycota	260	54	0.7	0.1	0.3	0.1	0.2
<i>Cryptococcus flavus</i>	Basidiomycota	281	97	-	0.5	-	0.0	0.2
<i>Cryptococcus</i> sp AL_V	Basidiomycota	333	48	0.0	0.4	0.0	0.1	0.2
<i>Cryptococcus podzolicus</i>	Basidiomycota	273	100	0.0	0.3	0.0	0.2	0.2
<i>Phialocephala virens</i>	Ascomycota	257	32	0.1	0.3	-	0.1	0.2
<i>Oidiodendron</i> sp GK_2010	Ascomycota	254	80	0.1	0.2	0.0	0.3	0.2
<i>Mortierella gamsii</i>	Zygomycota	344	80	0.0	0.1	0.0	0.3	0.2
<i>Acephala macrosclerotiorum</i>	Ascomycota	256	100	0.1	0.0	0.5	0.1	0.1
<i>Occultifur externus</i>	Basidiomycota	321	91	0.2	0.2	0.0	0.1	0.1
<i>Phialocephala fortinii</i>	Ascomycota	257	82	0.1	0.0	0.7	0.0	0.1
<i>Umbelopsis isabellina</i>	Zygomycota	312	60	0.0	0.3	-	0.1	0.1
<i>Monodictys arctica</i>	Ascomycota	264	100	0.4	0.0	0.3	0.0	0.1
<i>Oidiodendron tenuissimum</i>	Ascomycota	253	77	0.4	0.0	0.2	0.1	0.1
<i>Erythrobasidium hasegawianum</i>	Basidiomycota	311	10	0.1	0.2	0.0	0.1	0.1
<i>Cryptococcus terreus</i>	Basidiomycota	343	96	0.0	0.0	-	0.3	0.1
<i>Coniochaeta ligniaria</i>	Ascomycota	268	93	0.0	0.1	0.0	0.1	0.1
<i>Leucosporidium fellii</i>	Basidiomycota	322	51	0.2	0.1	0.0	0.1	0.1
<i>Xenochalara juniperi</i>	Ascomycota	258	100	0.4	0.1	0.0	0.0	0.1
<i>Rhodotorula laryngis</i>	Basidiomycota	314	98	0.0	0.2	0.0	0.0	0.1
<i>Puccinia psidii</i>	Basidiomycota	295	24	0.0	0.0	0.1	0.2	0.1
<i>Fusarium oxysporum</i>	Ascomycota	262	41	0.3	0.0	-	0.1	0.1
<i>Sporobolomyces inositophilus</i>	Basidiomycota	319	79	-	0.2	0.0	0.0	0.1

<i>Hyaloscypha vitreola</i>	Ascomycota	256	37	0.4	0.0	0.1	0.0	0.1
<i>Rhizopogon rubescens</i>	Basidiomycota	359	100	0.4	0.0	-	0.0	0.1
<i>Cryptococcus flavescens</i>	Basidiomycota	285	100	0.0	0.2	-	0.0	0.1
<i>Thelephora albomarginata</i>	Basidiomycota	333	99	-	0.1	0.2	0.1	0.1
<i>Pseudaegerita viridis</i>	Ascomycota	257	12	0.0	0.0	0.3	0.1	0.1
<i>Hyaloscypha vitreola</i>	Ascomycota	256	2	0.1	0.0	0.2	0.1	0.1
<i>Sporobolomyces ruberrimus</i>	Basidiomycota	316	92	0.0	0.1	-	0.0	0.1
<i>Cryptococcus terricola</i>	Basidiomycota	330	40	0.0	0.1	-	0.1	0.1
<i>Oidiodendron tenuissimum</i>	Ascomycota	252	57	0.1	0.0	0.0	0.1	0.1
<i>Cladophialophora minutissima</i>	Ascomycota	267	91	0.0	0.1	0.1	0.1	0.1
<i>Cistella acuum</i>	Ascomycota	258	24	0.3	0.1	-	-	0.1
<i>Acephala</i> sp 4 MV_2011	Ascomycota	257	98	0.2	0.0	0.1	0.0	0.1
<i>Tremella foliacea</i>	Basidiomycota	264	84	0.0	0.1	0.0	0.0	0.1
<i>Staurothele areolata</i>	Ascomycota	270	7	0.0	0.0	0.0	0.1	0.1
<i>Cryptococcus podzolicus</i>	Basidiomycota	271	89	0.1	0.1	0.0	0.0	0.1
<i>Mrakia frigida</i>	Basidiomycota	345	59	0.0	0.1	-	0.0	0.1
<i>Rhodotorula ingeniosa</i>	Basidiomycota	321	90	0.0	0.1	0.0	0.0	0.1
<i>Pseudocercospora fraxini</i>	Ascomycota	257	80	0.2	0.0	0.0	0.0	0.1
<i>Pseudogymnoascus roseus</i>	Ascomycota	260	90	0.0	0.0	0.0	0.1	0.1
<i>Mortierella parvispora</i>	Zygomycota	348	74	0.0	0.0	0.1	0.1	0.1
<i>Cadophora finlandica</i>	Ascomycota	255	100	0.2	0.0	0.0	0.0	0.1
<i>Varicosporium elodeae</i>	Ascomycota	259	100	0.3	0.0	0.0	0.0	0.1
<i>Tremella foliacea</i>	Basidiomycota	274	94	0.03	0.04	-	0.09	0.05
<i>Oidiodendron flavum</i>	Ascomycota	252	34	-	0.01	-	0.12	0.05
<i>Cistella acuum</i>	Ascomycota	257	100	-	0.00	-	0.13	0.05
<i>Ilyonectria estremocensis</i>	Ascomycota	273	83	0.02	0.01	0.15	0.07	0.05
<i>Sporobolomyces inositolophilus</i>	Basidiomycota	465	15	-	0.11	0.00	0.01	0.05
<i>Phoma radicina</i>	Ascomycota	265	100	0.14	0.02	0.00	0.05	0.04
<i>Neonectria radicola</i>	Ascomycota	275	100	0.12	0.04	0.06	0.01	0.04
<i>Mortierella humilis</i>	Zygomycota	350	100	-	0.09	-	0.02	0.04
<i>Cladophialophora minutissima</i>	Ascomycota	270	100	0.02	0.05	0.00	0.05	0.04

Rhizopogon rubescens	Basidiomycota	234	100	0.26	0.00	-	-	0.04
Amphinema sp 1 UK_2011	Basidiomycota	289	100	-	-	0.25	0.03	0.04
Thelephora caryophyllea	Basidiomycota	207	32	0.03	0.01	-	0.09	0.04
Clathrosporium intricatum	Ascomycota	257	9	-	0.05	-	0.06	0.04
Oidiodendron tenuissimum	Ascomycota	254	46	0.02	0.01	0.02	0.08	0.04
Paecilomyces aerugineus	Ascomycota	269	89	-	0.01	-	0.09	0.04
Rhodotorula glacialis	Basidiomycota	320	37	0.00	0.07	-	0.02	0.04
Fontanospora fusiramosa	Ascomycota	263	27	0.04	0.03	0.03	0.03	0.03
Pseudocercospora fraxini	Ascomycota	257	100	0.11	0.02	0.02	0.02	0.03
Microbotryum salviae	Basidiomycota	345	28	0.02	0.03	0.01	0.05	0.03
Suillus luteus	Basidiomycota	349	98	0.22	-	-	-	0.03
Mucor hiemalis	Zygomycota	290	100	0.02	0.04	0.09	0.01	0.03
Filobasidium capsuligenum	Basidiomycota	335	52	0.01	0.05	-	0.03	0.03
Emericellopsis humicola	Ascomycota	281	85	-	0.03	0.10	0.03	0.03
Phialophora sessilis	Ascomycota	298	100	0.07	0.02	-	0.03	0.03
Trichocladium asperum	Ascomycota	265	96	0.01	0.02	-	0.06	0.03
Fusarium merismoides	Ascomycota	273	97	0.00	0.05	-	0.03	0.03
Rhodotorula hordea	Basidiomycota	332	100	0.01	0.05	0.00	0.02	0.03
Mortierella chlamydospora	Zygomycota	369	97	-	0.00	0.00	0.07	0.03
Cladophialophora minutissima	Ascomycota	275	31	-	0.01	-	0.07	0.03
Cryptococcus festucosus	Basidiomycota	322	99	0.00	0.04	0.00	0.03	0.03
Hyphodiscus hymeniophilus	Ascomycota	258	77	0.03	0.02	0.05	0.03	0.03
Sporidiobolus sp JPS_2007a	Basidiomycota	318	100	0.01	0.05	-	0.02	0.03
Cladophialophora minutissima	Ascomycota	272	56	-	0.03	-	0.04	0.02
Amphinema byssoides	Basidiomycota	289	100	-	0.00	0.08	0.04	0.02
Chalara hyalocuspica	Ascomycota	258	44	0.11	0.01	-	0.00	0.02
Colacogloea peniophorae	Basidiomycota	343	33	-	0.01	-	0.05	0.02
Graphium rubrum	Ascomycota	258	11	0.07	0.01	0.05	0.00	0.02
Mortierella macrocystis	Zygomycota	353	100	-	0.03	-	0.03	0.02
Rhodotorula hordea	Basidiomycota	327	100	-	0.05	0.00	0.01	0.02
Rhodotorula glacialis	Basidiomycota	317	96	-	0.04	-	0.02	0.02

<i>Cryptococcus macerans</i>	Basidiomycota	346	100	-	0.05	-	0.01	0.02
<i>Alternaria tenuis</i>	Ascomycota	270	53	0.03	0.02	0.01	0.03	0.02
<i>Pseudaegerita viridis</i>	Ascomycota	257	16	0.06	0.01	0.04	0.01	0.02
<i>Colletotrichum kahawae</i>	Ascomycota	265	0	-	-	0.17	-	0.02
<i>Cryptococcus flavus</i>	Basidiomycota	280	91	-	0.05	-	-	0.02
<i>Sakaguchia dacryoidea</i>	Basidiomycota	353	91	0.00	0.01	0.03	0.03	0.02
<i>Penicillium</i> sp CMV_2008c	Ascomycota	279	26	-	0.00	0.01	0.05	0.02
<i>Lecythophora hoffmannii</i>	Ascomycota	270	19	-	-	-	0.06	0.02
<i>Rhodosporidium toruloides</i>	Basidiomycota	324	99	-	0.01	0.00	0.04	0.02
<i>Trichoderma evansii</i>	Ascomycota	283	42	0.01	0.01	0.01	0.04	0.02
<i>Schizoblastosporion starkeyihenricii</i>	Ascomycota	279	100	-	0.04	0.00	0.01	0.02
<i>Leptodontidium elatius</i>	Ascomycota	260	99	-	0.03	-	0.02	0.02
<i>Occultifur externus</i>	Basidiomycota	317	82	0.02	0.03	-	0.01	0.02
<i>Herpotrichia juniperi</i>	Ascomycota	259	98	0.03	0.00	0.10	-	0.02
<i>Fusarium merismoides</i>	Ascomycota	273	69	0.04	0.00	-	0.03	0.02
<i>Ochrocladosporium elatum</i>	Ascomycota	267	18	-	0.05	-	-	0.02
<i>Hyphodiscus hymeniophilus</i>	Ascomycota	260	27	0.08	0.01	-	0.00	0.02
<i>Bullera sakaeratica</i>	Basidiomycota	282	40	0.03	0.02	-	0.01	0.02
<i>Cryptococcus laurentii</i>	Basidiomycota	291	100	-	0.00	0.01	0.04	0.02
<i>Massarina igniaria</i>	Ascomycota	269	66	0.09	0.00	-	-	0.02
<i>Puccinia psidii</i>	Basidiomycota	311	27	-	0.00	-	0.04	0.01
<i>Tilletiopsis minor</i>	Basidiomycota	337	100	0.01	0.02	0.01	0.02	0.01
<i>Cladophialophora minutissima</i>	Ascomycota	268	53	0.04	0.01	0.02	0.01	0.01
<i>Torrubiella confragosa</i>	Ascomycota	273	71	0.02	0.01	0.00	0.02	0.01
<i>Exophiala opportunistica</i>	Ascomycota	309	100	0.02	0.00	0.00	0.03	0.01
<i>Chaetomium coarctatum</i>	Ascomycota	265	87	-	0.02	-	0.02	0.01
<i>Zalerion varium</i>	Ascomycota	258	100	0.02	0.02	-	0.01	0.01
<i>Geomyces destructans</i>	Ascomycota	214	37	-	0.03	-	0.00	0.01
<i>Cryptococcus chernovii</i>	Basidiomycota	353	100	0.01	0.02	-	0.01	0.01
<i>Aleuria aurantia</i>	Ascomycota	273	49	-	-	-	0.04	0.01
<i>Oidiodendron griseum</i>	Ascomycota	253	100	-	0.01	0.02	0.02	0.01

Rhodosporidium babjevae	Basidiomycota	320	73	-	0.02	-	0.01	0.01
Mortierella gamsii	Zygomycota	344	74	-	0.01	-	0.03	0.01
Sporisorium veracruzianum	Basidiomycota	387	76	0.01	0.02	-	0.01	0.01
Leucosporidiella fragaria	Basidiomycota	326	46	-	0.00	-	0.03	0.01
Tilletiopsis derxii	Basidiomycota	362	17	0.00	0.01	0.00	0.02	0.01
Hyaloscypha vitreola	Ascomycota	254	15	0.02	0.01	0.02	0.01	0.01
Devriesia thermodurans	Ascomycota	206	99	0.00	0.01	-	0.02	0.01
Massarina igniaria	Ascomycota	268	37	0.07	0.00	-	0.00	0.01
Ceratobasidium sp 0109CI64L1	Basidiomycota	351	8	-	0.03	-	-	0.01
Lecanicillium psalliotae	Ascomycota	275	99	-	0.00	-	0.03	0.01
Cryptococcus aerius	Basidiomycota	346	38	-	0.00	-	0.03	0.01
Cadophora finlandica	Ascomycota	257	91	0.01	0.00	0.03	0.02	0.01
Potebniamyces pyri	Ascomycota	261	7	0.02	0.00	-	0.02	0.01
Paraphaeosphaeria michotii	Ascomycota	266	91	-	-	0.09	-	0.01
Guehomyces pullulans	Basidiomycota	332	100	-	0.02	-	0.01	0.01
Potebniamyces pyri	Ascomycota	252	44	0.03	0.00	-	0.01	0.01
Mortierella alpina	Zygomycota	361	100	-	0.02	-	0.01	0.01
Mortierella gamsii	Zygomycota	344	64	0.00	0.02	0.00	0.00	0.01
Sporobolomyces coprosmae	Basidiomycota	273	23	0.04	0.01	0.00	0.00	0.01
Cryptococcus chernovii	Basidiomycota	204	93	0.07	-	-	-	0.01
Microbotryum tragopogonis_pratensis	Basidiomycota	343	28	0.02	0.01	-	0.01	0.01
Menispora ciliata	Ascomycota	253	24	0.00	0.00	0.04	0.01	0.01
Cryptosporiopsis ericae	Ascomycota	257	18	-	0.03	-	-	0.01
Thielavia microspora	Ascomycota	261	15	0.01	0.01	0.01	0.01	0.01
Mortierella gamsii	Zygomycota	345	58	-	0.01	-	0.02	0.01
Mortierella gamsii	Zygomycota	347	75	-	0.00	-	0.02	0.01
Sporobolomyces tsugae	Basidiomycota	355	100	0.00	0.02	-	-	0.01
Rhodotorula mucilaginosa	Basidiomycota	329	99	-	0.02	-	0.01	0.01
Meliniomyces bicolor	Ascomycota	256	29	-	-	-	0.03	0.01
Rhizopogon rubescens	Basidiomycota	248	68	-	-	-	0.03	0.01
Hyphodiscus hymeniophilus	Ascomycota	259	65	0.02	-	0.04	0.00	0.01

Hyaloscypha vitreola	Ascomycota	254	12	-	0.01	0.01	0.01	0.01
Mortierella epigama	Zygomycota	359	18	-	0.02	-	0.00	0.01
Varicosporium elodeae	Ascomycota	260	22	0.03	0.01	0.01	-	0.01
Sistotrema alboluteum	Basidiomycota	343	57	-	-	-	0.03	0.01
Serendipita vermifera	Basidiomycota	317	92	-	-	0.02	0.02	0.01
Cryptococcus sp AL_V	Basidiomycota	215	75	-	0.02	-	-	0.01
Cryptococcus bhutanensis	Basidiomycota	344	35	-	0.01	-	0.02	0.01
Cryptococcus albidus sp 2	Basidiomycota	334	92	-	0.02	-	0.01	0.01
Cylindrocarpon pauciseptatum	Ascomycota	274	100	0.05	-	-	-	0.01
Catenulifera brachyconia	Ascomycota	260	42	0.02	-	0.03	0.00	0.01
Mucor hiemalis f hiemalis	Zygomycota	286	98	-	0.01	0.00	0.01	0.01
Thelephora terrestris	Basidiomycota	313	100	0.05	0.00	-	-	0.01
Auriculibuller fuscus	Basidiomycota	284	44	-	0.01	-	0.01	0.01
Suillus luteus	Basidiomycota	279	100	0.05	-	-	-	0.01
Cryptococcus friedmannii	Basidiomycota	335	44	-	0.01	-	0.01	0.01
Crocicreas cyathoideum	Ascomycota	259	29	0.00	-	0.05	-	0.01
Mortierella minutissima	Zygomycota	223	75	0.01	0.01	-	0.01	0.01
Mortierella elongata	Zygomycota	351	83	-	0.01	-	0.01	0.01
Tricladium splendens	Ascomycota	253	0	-	0.00	-	0.02	0.01
Phoma herbarum	Ascomycota	266	94	0.00	0.02	-	-	0.01
Mortierella alpina	Zygomycota	364	100	-	0.01	-	0.01	0.01
Mortierella gamsii	Zygomycota	356	59	-	0.01	-	0.01	0.01
Mortierella hyalina	Zygomycota	217	100	-	-	-	0.02	0.01
Pseudocercospora fraxini	Ascomycota	217	81	0.04	0.00	-	-	0.01
Rhodotorula slooffiae	Basidiomycota	315	99	-	0.01	-	0.01	0.01
Wilcoxina mikolae	Ascomycota	273	74	-	-	0.02	0.01	0.01
Wilcoxina mikolae	Ascomycota	275	69	-	-	0.01	0.01	0.01
Amorphotheca resinae	Ascomycota	204	16	-	0.00	-	0.01	0.01
Alternaria sp BMP_2012	Ascomycota	269	46	0.03	0.00	-	0.00	0.01
Aureobasidium pullulans	Ascomycota	267	58	0.00	0.01	0.00	0.00	0.01
Hyphodiscus hymeniophilus	Ascomycota	257	29	-	-	0.01	0.01	0.01

Oidiodendron sp GK_2010	Ascomycota	252	94	0.00	0.01	-	0.00	0.01
Rhodotorula glacialis	Basidiomycota	316	86	-	0.01	-	0.01	0.01
Penicillium biourgeianum	Ascomycota	273	98	0.00	0.00	-	0.01	0.01
Leohumicola levissima	Ascomycota	214	10	-	0.00	0.00	0.01	0.01
Chaunopycnis alba	Ascomycota	272	46	-	0.01	-	0.01	0.01
Penicillium thomii	Ascomycota	272	65	-	0.01	-	0.01	0.01
Massarina igniaria	Ascomycota	267	22	0.00	0.01	-	0.01	0.01
Oidiodendron sp GK_2010	Ascomycota	257	9	-	0.01	-	0.01	0.01
Pochonia bulbillosa	Ascomycota	296	97	-	0.00	0.00	0.01	0.01
Mycena plumipes	Basidiomycota	328	76	0.04	-	-	-	0.01
Mastigobasidium intermedium	Basidiomycota	323	86	0.00	0.00	0.00	0.01	0.01
Thelephora terrestris	Basidiomycota	213	100	-	0.01	-	-	0.01
Trichothecium crotocinigenum	Ascomycota	280	23	0.02	0.00	0.00	0.00	0.01
Mortierella gamsii	Zygomycota	218	83	0.04	-	-	-	0.01
Hyaloscypha vitreola	Ascomycota	254	10	-	0.01	-	-	0.01
Sakaguchia dacryoidea	Basidiomycota	333	19	-	0.005	0.005	0.007	0.005
Pseudogymnoascus roseus	Ascomycota	259	28	0.004	0.005	-	0.007	0.005
Hirsutella sp RS_2012	Ascomycota	270	36	-	0.007	-	0.007	0.005
Penicillium thomii	Ascomycota	217	67	-	0.003	0.005	0.009	0.005
Wilcoxina mikolae	Ascomycota	274	88	-	-	-	0.015	0.005
Sporobolomyces inositophilus	Basidiomycota	332	66	-	0.013	-	-	0.005
Penicillium pinophilum	Ascomycota	275	19	-	0.002	-	0.013	0.005
Ophiostoma canum	Ascomycota	325	91	0.032	-	-	-	0.005
Fusarium redolens	Ascomycota	276	69	0.012	-	0.005	0.007	0.005
Neonectria neomacrospora	Ascomycota	278	17	0.024	0.003	-	-	0.005
Zopfiella marina	Ascomycota	260	56	-	-	-	0.015	0.005
Rhodotorula fujisanensis	Basidiomycota	326	81	0.004	0.010	-	0.002	0.005
Pseudaegerita viridis	Ascomycota	257	17	0.004	0.002	-	0.011	0.005
Verticillium leptobactrum	Ascomycota	299	100	0.028	-	-	0.002	0.005
Ophiostoma abietinum	Ascomycota	210	79	0.016	-	-	0.005	0.004
Leucosporidiella creatinivora	Basidiomycota	324	28	0.004	0.008	-	0.002	0.004

Lecanicillium primulinum	Ascomycota	272	100	-	0.002	0.005	0.009	0.004
Cryptococcus macerans	Basidiomycota	235	100	-	0.012	-	-	0.004
Filobasidium capsuligenum	Basidiomycota	257	15	-	0.007	-	0.005	0.004
Chalara sp olrim510	Ascomycota	258	100	0.008	0.007	0.005	-	0.004
Auricularia polytricha	Basidiomycota	306	24	0.012	-	-	0.007	0.004
Leucosporidiella fragaria	Basidiomycota	202	47	0.004	0.002	0.005	0.007	0.004
Mortierella gamsii	Zygomycota	354	56	-	0.005	-	0.007	0.004
Rhodotorula minuta	Basidiomycota	315	100	0.004	0.007	-	0.004	0.004
Udeniomyces pannonicus	Basidiomycota	347	100	-	0.012	-	-	0.004
Trichocladium opacum	Ascomycota	262	100	-	-	-	0.013	0.004
Mortierella gamsii	Zygomycota	349	72	0.004	0.002	-	0.009	0.004
Rhodotorula glacialis	Basidiomycota	316	80	-	-	-	0.013	0.004
Mortierella macrocystis	Zygomycota	205	100	-	0.002	-	0.009	0.004
Myrmecridium schulzeri	Ascomycota	257	100	-	-	-	0.011	0.004
Cryptococcus macerans	Basidiomycota	243	65	-	0.005	-	0.005	0.004
Rhodotorula nothofagi	Basidiomycota	328	75	0.020	0.002	-	-	0.004
Paecilomyces parvisporus	Ascomycota	281	88	0.008	0.005	-	0.002	0.004
Sydowia polyspora	Ascomycota	274	77	-	0.005	-	0.005	0.004
Bionectria aff ochroleuca ROG_2010	Ascomycota	284	45	-	-	-	0.011	0.004
Cryptococcus terricola	Basidiomycota	341	94	-	0.008	-	0.002	0.004
Cryptosporiopsis sp LZ_2012	Ascomycota	257	2	0.012	0.002	-	0.004	0.004
Holtermanniella nyarrowii	Basidiomycota	253	11	-	0.010	-	-	0.004
Leohumicola levissima	Ascomycota	257	12	-	0.002	-	0.009	0.004
Cristinia helvetica	Basidiomycota	317	26	-	0.002	-	0.009	0.004
Leucosporidiella creatinivora	Basidiomycota	324	83	0.004	0.007	-	0.002	0.004
Mortierella gamsii	Zygomycota	344	90	-	0.008	-	0.002	0.004
Meliniomyces sp GK_2010	Ascomycota	260	99	-	-	0.005	0.009	0.004
Microbotryum salviae	Basidiomycota	216	23	0.004	0.007	-	0.002	0.004
Leucosporidiella creatinivora	Basidiomycota	292	16	-	0.003	0.010	0.004	0.004
Tricladium chaetocladium	Ascomycota	358	29	-	0.010	-	-	0.004
Wickerhamomyces anomalus	Ascomycota	300	99	0.024	-	-	-	0.004

Tremella foliacea	Basidiomycota	262	80	-	-	-	0.011	0.004
Cryptococcus terricola	Basidiomycota	219	99	-	0.007	-	0.004	0.004
Pochonia suchlasporia var catenata	Ascomycota	258	14	-	0.010	-	-	0.004
Staurothele areolata	Ascomycota	276	17	-	-	-	0.011	0.004
Hyphodiscus hymeniophilus	Ascomycota	214	13	-	-	0.025	-	0.003
Septoria arundinacea	Ascomycota	267	6	-	-	-	0.009	0.003
Umbelopsis isabellina	Zygomycota	224	99	-	0.005	0.005	0.002	0.003
Cryptococcus podzolicus	Basidiomycota	273	100	-	0.008	-	-	0.003
Leucosporidiella fragaria	Basidiomycota	324	30	-	0.008	-	-	0.003
Rhodotorula glacialis	Basidiomycota	315	83	0.020	-	-	-	0.003
Podospora inflatula	Ascomycota	270	27	-	0.003	-	0.005	0.003
Rhodotorula glacialis	Basidiomycota	314	82	0.008	-	-	0.005	0.003
Penicillium madriti	Ascomycota	268	12	-	0.002	-	0.007	0.003
Apiospora montagnei	Ascomycota	242	86	0.016	-	0.005	-	0.003
Sporobolomyces inositophilus	Basidiomycota	331	57	0.004	0.007	-	-	0.003
Gremmeniella laricina	Ascomycota	257	2	0.008	0.005	-	-	0.003
Veronaea compacta	Ascomycota	334	3	-	0.003	-	0.005	0.003
Filobasidium capsuligenum	Basidiomycota	215	32	-	0.007	-	0.002	0.003
Diatrype flavovirens	Ascomycota	266	16	-	0.008	-	-	0.003
Tilletiopsis minor	Basidiomycota	209	100	-	-	-	0.009	0.003
Phyllosticta hamamelidis	Ascomycota	263	10	-	0.002	-	0.007	0.003
Leucosporidiella fragaria	Basidiomycota	343	26	-	0.005	-	0.004	0.003
Mortierella macrocystis	Zygomycota	348	57	-	-	-	0.009	0.003
Guehomyces pullulans	Basidiomycota	330	100	-	0.005	-	0.004	0.003
Kochiomyces dichotomus	Chytridiomycota	240	99	-	-	-	0.009	0.003
Hyphodiscus hymeniophilus	Ascomycota	258	87	0.004	0.002	-	0.005	0.003
Fusarium solani	Ascomycota	282	34	-	-	-	0.009	0.003
Lecythophora hoffmannii	Ascomycota	266	64	-	0.008	-	-	0.003
Sporobolomyces ruberrimus	Basidiomycota	223	70	-	0.007	-	0.002	0.003
Penicillium melinii	Ascomycota	274	79	-	0.005	-	0.004	0.003
Neonectria lucida	Ascomycota	274	46	0.004	0.005	-	0.002	0.003

Sarocladium oryzae	Ascomycota	286	72	0.004	-	0.020	-	0.003
Ulocladium chartarum	Ascomycota	268	74	0.020	-	-	-	0.003
Clathrosporium intricatum	Ascomycota	271	19	-	0.007	-	0.002	0.003
Rhodotorula nothofagi	Basidiomycota	325	73	-	0.008	-	-	0.003
Mortierella elongata	Zygomycota	355	49	-	0.008	-	-	0.003
Mortierella gamsii	Zygomycota	316	59	-	-	-	0.009	0.003
Leohumicola levissima	Ascomycota	256	28	-	0.002	-	0.005	0.002
Mortierella macrocystis	Zygomycota	348	60	-	0.002	-	0.005	0.002
Serendipita vermifera	Basidiomycota	322	82	-	0.007	-	-	0.002
Fusarium sp JJP_2009a	Ascomycota	262	19	0.016	-	-	-	0.002
Thelephora terrestris	Basidiomycota	200	98	-	0.007	-	-	0.002
Suillus bovinus	Basidiomycota	352	100	0.004	0.003	-	0.002	0.002
Tremella giraffa	Basidiomycota	282	23	-	0.007	-	-	0.002
Rhodotorula slooffiae	Basidiomycota	254	98	-	0.005	-	0.002	0.002
Mortierella exigua	Zygomycota	261	9	-	0.005	-	0.002	0.002
Rhodotorula nothofagi	Basidiomycota	304	48	0.004	0.005	-	-	0.002
Microbotryum pinguiculae	Basidiomycota	330	23	0.004	0.003	-	0.002	0.002
Leohumicola levissima	Ascomycota	260	26	0.008	0.003	-	-	0.002
Geomyces destructans	Ascomycota	260	26	-	0.007	-	-	0.002
Leohumicola levissima	Ascomycota	262	16	-	0.005	-	0.002	0.002
Serendipita vermifera	Basidiomycota	264	73	0.008	-	-	0.004	0.002
Leohumicola levissima	Ascomycota	226	25	0.012	0.002	-	-	0.002
Chalara hyalocuspica	Ascomycota	230	15	0.008	0.003	-	-	0.002
Mastigobasidium intermedium	Basidiomycota	321	25	0.004	0.002	0.005	0.002	0.002
Mortierella gamsii	Zygomycota	347	73	-	0.005	-	0.002	0.002
Asordaria tenerifae	Ascomycota	263	60	-	0.002	-	0.005	0.002
Kochiomyces dichotomus	Chytridiomycota	370	100	-	-	-	0.007	0.002
Sarea resinae	Ascomycota	270	15	0.004	0.002	-	0.004	0.002
Sporothrix inflata	Ascomycota	300	99	-	0.005	0.005	-	0.002
Mortierella exigua	Zygomycota	362	29	0.012	-	-	0.002	0.002
Oidiodendron sp GK_2010	Ascomycota	255	71	-	-	-	0.007	0.002

Rhodotorula yarrowii	Basidiomycota	325	100	-	0.007	-	-	0.002
Leohumicola levissima	Ascomycota	255	28	-	0.003	-	0.004	0.002
Tricladium angulatum	Ascomycota	255	40	0.008	-	-	0.004	0.002
Verticillium klebahnii	Ascomycota	230	1	-	-	-	0.007	0.002
Henrica melaspora	Ascomycota	271	14	-	0.005	-	0.002	0.002
Pyrenochaeta cava	Ascomycota	267	100	-	-	-	0.007	0.002
Gloeotinia temulenta	Ascomycota	300	65	-	0.002	0.005	0.004	0.002
Microbotryum marginale	Basidiomycota	244	44	-	0.007	-	-	0.002
Thelephora terrestris	Basidiomycota	218	100	0.004	0.002	0.010	-	0.002
Cryptococcus sp BEA_2010	Basidiomycota	219	10	-	-	-	0.007	0.002
Rhodotorula glacialis	Basidiomycota	321	28	-	0.005	-	0.002	0.002
Varicosporium elodeae	Ascomycota	220	16	0.008	-	0.005	0.002	0.002
Sporobolomyces inositophilus	Basidiomycota	329	38	-	0.007	-	-	0.002
Tremella diploschistina	Basidiomycota	252	100	-	0.002	-	0.005	0.002
Hyphodiscus hymeniophilus	Ascomycota	259	32	-	0.003	-	0.004	0.002
Cladophialophora minutissima	Ascomycota	272	42	-	-	-	0.007	0.002
Leucosporidiella creatinivora	Basidiomycota	326	76	-	-	-	0.007	0.002
Atracidymella muscivora	Ascomycota	309	49	-	-	-	0.005	0.002
Phoma herbarum	Ascomycota	202	44	0.004	-	0.005	0.002	0.002
Penicillium sp CMV_2008c	Ascomycota	275	25	-	-	-	0.005	0.002
Tilletiopsis fulvescens	Basidiomycota	300	100	-	-	-	0.005	0.002
Pochonia suchlasporia var catenata	Ascomycota	297	12	-	-	-	0.005	0.002
Puccinia psidii	Basidiomycota	308	20	-	0.002	-	0.004	0.002
Sarcinomyces petricola	Ascomycota	260	75	0.012	-	-	-	0.002
Devriesia pseudoamericana	Ascomycota	253	91	-	0.003	-	0.002	0.002
Umbelopsis isabellina	Zygomycota	310	100	-	0.002	-	0.004	0.002
Mortierella gamsii	Zygomycota	230	65	-	-	-	0.005	0.002
Thelephora terrestris	Basidiomycota	334	100	-	0.005	-	-	0.002
Phialocephala virens	Ascomycota	258	8	-	0.005	-	-	0.002
Leohumicola levissima	Ascomycota	256	23	0.012	-	-	-	0.002
Epicoccum sp JJP_2009a	Ascomycota	206	46	-	-	0.005	0.004	0.002

<i>Emericellopsis humicola</i>	Ascomycota	226	80	-	-	0.010	0.002	0.002
<i>Amphinema</i> sp 1 UK_2011	Basidiomycota	289	99	-	-	-	0.005	0.002
<i>Cladosporium pseudocladosporioides</i>	Ascomycota	224	19	0.012	-	-	-	0.002
<i>Acrostalagmus luteoalbus</i>	Ascomycota	295	100	-	-	-	0.005	0.002
<i>Dimorphospora foliicola</i>	Ascomycota	256	50	-	0.003	-	0.002	0.002
<i>Podospora tetraspora</i>	Ascomycota	268	61	-	-	-	0.005	0.002
<i>Meliniomyces variabilis</i>	Ascomycota	256	81	0.004	-	0.010	-	0.002
<i>Chalara</i> sp olrim510	Ascomycota	258	27	-	0.005	-	-	0.002
<i>Cercophora coprophila</i>	Ascomycota	267	99	-	-	-	0.005	0.002
<i>Mortierella alpina</i>	Zygomycota	238	100	-	0.003	-	0.002	0.002
<i>Microbotryum salviae</i>	Basidiomycota	344	30	0.012	-	-	-	0.002
<i>Rhodotorula fujisanensis</i>	Basidiomycota	326	84	-	0.003	-	0.002	0.002
<i>Leucosporidiella creatinivora</i>	Basidiomycota	206	53	-	0.003	-	0.002	0.002
<i>Ramularia collo_cygni</i>	Ascomycota	209	32	-	-	-	0.005	0.002
<i>Leucosporidiella creatinivora</i>	Basidiomycota	380	43	-	-	-	0.005	0.002
<i>Thelephora albomarginata</i>	Basidiomycota	333	100	-	0.005	-	-	0.002
uncultured <i>Hymenoscyphus ericae</i> comple	Ascomycota	255	59	-	0.005	-	-	0.002
<i>Mortierella gamsii</i>	Zygomycota	345	76	-	-	-	0.005	0.002
<i>Rhodosporidium sphaerocarpum</i>	Basidiomycota	311	64	-	0.005	-	-	0.002
<i>Ophiostoma abietinum</i>	Ascomycota	300	73	0.012	-	-	-	0.002
<i>Leucosporidiella creatinivora</i>	Basidiomycota	203	90	-	0.003	-	0.002	0.002
<i>Trichosporon xylopinii</i>	Basidiomycota	282	33	-	-	-	0.005	0.002
<i>Mortierella gamsii</i>	Zygomycota	353	62	0.004	0.003	-	-	0.002
<i>Cristinia helvetica</i>	Basidiomycota	319	20	-	0.003	-	0.002	0.002
<i>Cladophialophora minutissima</i>	Ascomycota	270	92	-	0.003	-	0.002	0.002
<i>Diatrype disciformis</i>	Ascomycota	278	14	0.008	-	0.005	-	0.002
<i>Hyphodiscus hymeniophilus</i>	Ascomycota	217	83	-	-	0.015	-	0.002
<i>Penicillium</i> sp CMV_2008c	Ascomycota	266	55	-	0.002	0.005	0.002	0.002
<i>Cryptococcus terricola</i>	Basidiomycota	350	95	-	-	-	0.005	0.002
<i>Hyphodiscus hymeniophilus</i>	Ascomycota	257	71	-	0.005	-	-	0.002
<i>Chalara</i> sp olrim510	Ascomycota	260	20	0.004	0.002	-	0.002	0.002

<i>Pseudogymnoascus appendiculatus</i>	Ascomycota	214	21	-	0.003	-	0.002	0.002
<i>Clathrosporium intricatum</i>	Ascomycota	256	69	0.008	-	0.005	-	0.002
<i>Leohumicola levissima</i>	Ascomycota	212	33	0.012	-	-	-	0.002
<i>Ophiostoma canum</i>	Ascomycota	254	53	0.012	-	-	-	0.002
<i>Paraconiothyrium sporulosum</i>	Ascomycota	266	95	0.004	0.003	-	-	0.002
<i>Cryptococcus terricola</i>	Basidiomycota	343	56	-	0.005	-	-	0.002
<i>Laccaria</i> sp FP_2012a	Basidiomycota	306	9	-	0.005	-	-	0.002
<i>Pseudocercospora luzardii</i>	Ascomycota	255	10	-	0.005	-	-	0.002
<i>Occultifur externus</i>	Basidiomycota	310	49	-	-	-	0.005	0.002
<i>Filobasidium capsuligenum</i>	Basidiomycota	343	27	-	-	-	0.005	0.002
<i>Mortierella macrocystis</i>	Zygomycota	352	56	-	-	-	0.005	0.002
<i>Cylindrocarpon didymum</i>	Ascomycota	274	91	0.004	-	-	0.004	0.002
<i>Meliniomyces bicolor</i>	Ascomycota	257	94	0.012	-	-	-	0.002
<i>Bullera unica</i>	Basidiomycota	294	100	-	0.002	-	0.004	0.002
<i>Chaetomium globosum</i>	Ascomycota	266	95	-	0.005	-	-	0.002
<i>Mortierella parvispora</i>	Zygomycota	347	79	-	-	-	0.005	0.002
<i>Oidiodendron tenuissimum</i>	Ascomycota	252	16	-	-	-	0.005	0.002
<i>Hyphodiscus hymeniophilus</i>	Ascomycota	257	24	-	0.002	0.005	0.002	0.002
<i>Coniochaeta ligniaria</i>	Ascomycota	269	94	-	0.005	-	-	0.002
<i>Mortierella gamsii</i>	Zygomycota	356	61	-	0.003	-	0.002	0.002
<i>Phoma herbarum</i>	Ascomycota	267	82	-	0.002	-	0.004	0.002
<i>Cryptococcus terricola</i>	Basidiomycota	218	100	-	0.005	-	-	0.002
<i>Ascosphaera apis</i>	Ascomycota	227	12	-	-	-	0.005	0.002
<i>Tremella foliacea</i>	Basidiomycota	269	92	-	0.003	-	0.002	0.002
<i>Cryptococcus terricola</i>	Basidiomycota	205	93	-	-	-	0.005	0.002
<i>Zopfiella latipes</i>	Ascomycota	264	41	-	-	-	0.005	0.002
<i>Sclerotinia trifoliorum</i>	Ascomycota	258	43	0.008	-	-	0.002	0.002
<i>Mortierella elongata</i>	Zygomycota	362	100	-	-	-	0.005	0.002
<i>Fellomyces penicillatus</i>	Basidiomycota	285	28	-	0.005	-	-	0.002
<i>Epicoccum nigrum</i>	Ascomycota	267	40	-	0.005	-	-	0.002
<i>Cryptococcus aquaticus</i>	Basidiomycota	346	84	-	-	-	0.005	0.002

<i>Cryptococcus terricola</i>	Basidiomycota	343	99	-	0.005	-	-	0.002
<i>Mortierella gamsii</i>	Zygomycota	344	86	-	-	-	0.005	0.002
<i>Thelephora terrestris</i>	Basidiomycota	204	100	-	-	0.015	-	0.002
<i>Rhizoctonia</i> sp AG_A	Basidiomycota	341	5	-	-	-	0.005	0.002
<i>Fusarium merismoides</i>	Ascomycota	203	57	-	-	-	0.005	0.002
<i>Rhodotorula fujisanensis</i>	Basidiomycota	325	99	-	0.005	-	-	0.002
<i>Mortierella gamsii</i>	Zygomycota	342	66	0.008	-	-	-	0.001
<i>Phaeomoniella prunicola</i>	Ascomycota	266	75	0.008	-	-	-	0.001
<i>Oidiodendron</i> sp GK_2010	Ascomycota	254	55	-	-	-	0.004	0.001
<i>Mortierella chlamydospora</i>	Zygomycota	358	92	-	0.003	-	-	0.001
<i>Oidiodendron</i> sp GK_2010	Ascomycota	236	20	-	-	0.005	0.002	0.001
<i>Pseudocercospora luzardii</i>	Ascomycota	257	4	-	0.003	-	-	0.001
<i>Galerina laevis</i>	Basidiomycota	213	37	-	-	-	0.004	0.001
<i>Botryotinia fuckeliana</i>	Ascomycota	218	23	-	-	-	0.004	0.001
<i>Leohumicola levissima</i>	Ascomycota	260	14	0.004	0.002	-	-	0.001
<i>Leucosporidiella creatinivora</i>	Basidiomycota	255	35	-	-	-	0.004	0.001
<i>Mucor hiemalis</i> f <i>hiemalis</i>	Zygomycota	264	94	-	-	-	0.004	0.001
<i>Cryptococcus flavus</i>	Basidiomycota	281	100	-	0.003	-	-	0.001
<i>Thelephora terrestris</i>	Basidiomycota	203	97	0.008	-	-	-	0.001
<i>Leucosporidiella creatinivora</i>	Basidiomycota	214	66	-	0.002	-	0.002	0.001
<i>Epicoccum</i> sp JJP_2009a	Ascomycota	267	42	-	-	-	0.004	0.001
<i>Epicoccum nigrum</i>	Ascomycota	204	50	0.008	-	-	-	0.001
<i>Rhodotorula fujisanensis</i>	Basidiomycota	346	91	-	0.003	-	-	0.001
<i>Spirosphaera beverwijkiana</i>	Ascomycota	217	99	0.008	-	-	-	0.001
<i>Lecythophora hoffmannii</i>	Ascomycota	269	60	-	-	-	0.004	0.001
<i>Cladosporium pseudocladosporioides</i>	Ascomycota	336	37	0.004	0.002	-	-	0.001
<i>Geomyces luteus</i>	Ascomycota	214	40	-	0.002	-	0.002	0.001
<i>Hyphodiscus hymeniophilus</i>	Ascomycota	309	71	-	-	0.010	-	0.001
<i>Mortierella elongata</i>	Zygomycota	360	100	-	-	-	0.004	0.001
<i>Thelebolus globosus</i>	Ascomycota	260	52	-	0.002	-	0.002	0.001
<i>Pirella circinans</i>	Zygomycota	305	22	-	0.002	-	0.002	0.001

<i>Paecilomyces lilacinus</i>	Ascomycota	223	31	-	0.002	-	0.002	0.001
<i>Leohumicola levissima</i>	Ascomycota	210	24	-	0.002	-	0.002	0.001
<i>Cryptococcus carnescens</i>	Basidiomycota	256	50	0.008	-	-	-	0.001
<i>Thelephora terrestris</i>	Basidiomycota	328	100	-	0.003	-	-	0.001
<i>Pseudaegerita viridis</i>	Ascomycota	257	12	-	0.002	-	0.002	0.001
<i>Rhodotorula pustula</i>	Basidiomycota	347	6	0.004	-	-	0.002	0.001
<i>Cryptococcus terricola</i>	Basidiomycota	251	100	-	0.003	-	-	0.001
<i>Rhodotorula glacialis</i>	Basidiomycota	203	29	-	-	-	0.004	0.001
<i>Occultifur externus</i>	Basidiomycota	346	77	-	0.003	-	-	0.001
<i>Oidiodendron setiferum</i>	Ascomycota	253	42	-	0.003	-	-	0.001
<i>Cryptococcus laurentii</i>	Basidiomycota	211	72	0.008	-	-	-	0.001
<i>Trichosporon dulcitum</i>	Basidiomycota	279	12	-	0.003	-	-	0.001
<i>Rhodotorula mucilaginosa</i>	Basidiomycota	326	80	-	-	-	0.004	0.001
<i>Drechslera poae</i>	Ascomycota	270	40	-	-	-	0.004	0.001
<i>Truncatella angustata</i>	Ascomycota	267	99	0.008	-	-	-	0.001
<i>Infundichalara microchona</i>	Ascomycota	243	99	0.008	-	-	-	0.001
<i>Mortierella hyalina</i>	Zygomycota	334	88	-	-	-	0.004	0.001
<i>Trichoderma evansii</i>	Ascomycota	202	19	-	0.003	-	-	0.001
<i>Leucosporidiella creatinivora</i>	Basidiomycota	321	37	-	0.002	-	0.002	0.001
<i>Cryptococcus festuosus</i>	Basidiomycota	213	60	-	0.003	-	-	0.001
<i>Vibrissea albofusca</i>	Ascomycota	259	2	-	-	-	0.004	0.001
<i>Umbelopsis isabellina</i>	Zygomycota	307	100	-	0.002	-	0.002	0.001
<i>Cryptococcus terricola</i>	Basidiomycota	347	100	-	0.002	-	0.002	0.001
<i>Leucosporidiella creatinivora</i>	Basidiomycota	205	86	-	0.003	-	-	0.001
<i>Cryptococcus terricola</i>	Basidiomycota	224	99	-	0.002	-	0.002	0.001
<i>Leucosporidiella creatinivora</i>	Basidiomycota	334	48	-	0.003	-	-	0.001
<i>Cladophialophora chaetospira</i>	Ascomycota	274	29	-	-	-	0.004	0.001
<i>Hirsutella</i> sp RS_2012	Ascomycota	270	23	-	-	0.005	0.002	0.001
<i>Cladosporium rectoides</i>	Ascomycota	231	35	0.008	-	-	-	0.001
<i>Thelephora terrestris</i>	Basidiomycota	328	100	-	0.003	-	-	0.001
<i>Trichoderma viride</i>	Ascomycota	283	33	0.004	-	0.005	-	0.001

Oidiodendron sp GK_2010	Ascomycota	253	72	-	-	-	0.004	0.001
Botryotinia fuckeliana	Ascomycota	228	17	-	0.003	-	-	0.001
Leucosporidium scottii	Basidiomycota	344	56	-	0.002	-	0.002	0.001
Phialocephala xalapensis	Ascomycota	261	100	-	0.002	0.005	-	0.001
Lecythophora fasciculata	Ascomycota	258	53	-	0.003	-	-	0.001
Basidioascus undulatus	Ascomycota	335	41	-	-	-	0.004	0.001
Cryptococcus carnescent	Basidiomycota	252	82	-	-	-	0.004	0.001
Oidiodendron sp GK_2010	Ascomycota	253	42	-	0.002	-	0.002	0.001
Cladophialophora sp CBS 35083	Ascomycota	234	14	-	-	-	0.004	0.001
Leohumicola levissima	Ascomycota	260	28	-	-	-	0.004	0.001
Sarcinomyces petricola	Ascomycota	278	60	-	-	-	0.004	0.001
Leptosphaeria microscopica	Ascomycota	263	48	0.004	-	-	0.002	0.001
Hyphodiscus hymeniophilus	Ascomycota	216	33	-	-	-	0.004	0.001
Cyphellostereum laeve	Basidiomycota	309	12	0.008	-	-	-	0.001
Thelephora terrestris	Basidiomycota	353	99	-	-	-	0.004	0.001
Lecythophora fasciculata	Ascomycota	269	35	-	-	-	0.004	0.001
Hyphodiscus hymeniophilus	Ascomycota	213	83	-	-	0.010	-	0.001
Bulleromyces albus	Basidiomycota	291	100	-	0.003	-	-	0.001
Graphium putredinis	Ascomycota	299	100	-	-	-	0.004	0.001
Rhodotorula glacialis	Basidiomycota	239	100	-	0.003	-	-	0.001
Mortierella elongata	Zygomycota	268	83	-	-	-	0.004	0.001
Mortierella exigua	Zygomycota	386	50	-	0.003	-	-	0.001
Mortierella parvispora	Zygomycota	337	87	-	0.002	-	0.002	0.001
Leptodontidium elatius	Ascomycota	215	83	-	0.003	-	-	0.001
Amanita hemibapha	Basidiomycota	330	10	-	0.002	-	0.002	0.001
Leohumicola levissima	Ascomycota	250	22	-	0.002	-	0.002	0.001
Gnomoniopsis chamaemori	Ascomycota	289	17	-	0.003	-	-	0.001
Leucosporidiella creatinivora	Basidiomycota	213	78	-	0.002	-	0.002	0.001
Mortierella gamsii	Zygomycota	328	79	-	0.003	-	-	0.001
Mortierella gamsii	Zygomycota	353	50	-	-	-	0.004	0.001
Paraconiothyrium fuckelii	Ascomycota	265	46	-	0.003	-	-	0.001

Chaetomium cupreum	Ascomycota	271	73	-	-	-	0.004	0.001
Oidiodendron sp GK_2010	Ascomycota	259	25	-	0.002	-	0.002	0.001
Filobasidium capsuligenum	Basidiomycota	339	27	-	-	-	0.004	0.001
Sporobolomyces inositophilus	Basidiomycota	211	70	-	0.003	-	-	0.001
Umbelopsis isabellina	Zygomycota	266	95	-	-	-	0.004	0.001
Leucosporidiella fragaria	Basidiomycota	201	94	-	0.003	-	-	0.001
Tylospora asterophora	Basidiomycota	295	27	0.004	0.002	-	-	0.001
Pseudocercospora macrospora	Ascomycota	253	10	-	0.002	-	0.002	0.001
Mycosphaerella punctiformis	Ascomycota	221	75	-	0.003	-	-	0.001
Cryptococcus terricola	Basidiomycota	205	100	0.004	-	-	0.002	0.001
Ochrocladosporium elatum	Ascomycota	265	4	-	-	-	0.004	0.001
Sakaguchia dacryoidea	Basidiomycota	348	100	-	0.003	-	-	0.001
Thelidium rehmsii	Ascomycota	288	26	-	-	-	0.004	0.001
Chalara sp olrim510	Ascomycota	230	40	-	-	-	0.004	0.001
Rhodotorula yarrowii	Basidiomycota	334	100	-	0.003	-	-	0.001
Oidiodendron sp GK_2010	Ascomycota	257	10	-	0.003	-	-	0.001
Catenulifera brachyconia	Ascomycota	261	19	-	-	0.005	0.002	0.001
Mortierella hyalina	Zygomycota	353	45	-	-	-	0.004	0.001
Hyphodiscus hymeniophilus	Ascomycota	259	88	-	0.002	0.005	-	0.001
Coniochaeta ligniaria	Ascomycota	268	95	-	0.002	-	0.002	0.001
Sporobolomyces inositophilus	Basidiomycota	330	92	-	0.002	-	0.002	0.001
Cladophialophora minutissima	Ascomycota	257	55	-	0.003	-	-	0.001
Ilyonectria estremocensis	Ascomycota	276	64	-	-	-	0.004	0.001
Mortierella macrocystis	Zygomycota	287	50	-	-	-	0.004	0.001
Rhodotorula vanillia	Basidiomycota	203	34	-	-	-	0.004	0.001
Itersonilia perplexans	Basidiomycota	346	100	0.008	-	-	-	0.001
Rhodotorula philyla	Basidiomycota	346	81	-	0.003	-	-	0.001
Hyphodiscus hymeniophilus	Ascomycota	211	58	0.008	-	-	-	0.001
Mortierella exigua	Zygomycota	351	91	-	-	-	0.004	0.001
Potebniamyces pyri	Ascomycota	204	7	-	0.003	-	-	0.001
Microbotryum salviae	Basidiomycota	224	10	-	-	-	0.004	0.001

Hyphodiscus hymeniophilus	Ascomycota	260	43	-	-	-	0.004	0.001
Gloeotinia temulenta	Ascomycota	204	63	-	0.002	-	0.002	0.001
Sporothrix inflata	Ascomycota	234	99	-	-	0.010	-	0.001
Exophiala opportunistica	Ascomycota	206	95	0.008	-	-	-	0.001
Cladosporium halotolerans	Ascomycota	219	86	0.004	-	-	0.002	0.001
Drechslera poae	Ascomycota	270	51	-	-	-	0.004	0.001
Cistella acuum	Ascomycota	249	95	-	-	-	0.004	0.001
Exophiala alcalophila	Ascomycota	303	100	-	0.002	-	0.002	0.001
Mortierella gamsii	Zygomycota	348	73	-	-	-	0.004	0.001
Cryptococcus podzolicus	Basidiomycota	276	100	0.008	-	-	-	0.001
Cryptococcus sp D162_2	Basidiomycota	292	100	-	0.002	-	0.002	0.001
Perenniporia japonica	Basidiomycota	281	8	-	-	-	0.004	0.001
Mortierella humilis	Zygomycota	347	98	-	0.002	-	0.002	0.001
Exophiala xenobiotica	Ascomycota	285	100	-	-	-	0.004	0.001
Gerronema nemorale	Basidiomycota	306	2	-	-	-	0.004	0.001
Trechispora sp 2 MPM 2013	Basidiomycota	204	76	-	-	-	0.004	0.001
Sporobolomyces taupoensis	Basidiomycota	326	26	0.004	-	-	0.002	0.001
Hyphodiscus hymeniophilus	Ascomycota	268	69	-	-	-	0.004	0.001
Mortierella gamsii	Zygomycota	354	47	-	-	-	0.004	0.001
Oidiodendron sp GK_2010	Ascomycota	253	26	-	0.003	-	-	0.001
Hyphodiscus hymeniophilus	Ascomycota	259	84	-	0.003	-	-	0.001
Cryptococcus terricola	Basidiomycota	347	100	-	0.003	-	-	0.001
Filobasidium capsuligenum	Basidiomycota	337	42	-	0.003	-	-	0.001
Cryptococcus terricola	Basidiomycota	346	99	-	0.002	-	0.002	0.001
Leucosporidiella creatinivora	Basidiomycota	214	55	-	0.003	-	-	0.001
Pyrenochaeta sp CF_2008	Ascomycota	267	87	-	-	-	0.004	0.001
Umbelopsis isabellina	Zygomycota	299	95	0.008	-	-	-	0.001
Mortierella macrocystis	Zygomycota	351	70	0.008	-	-	-	0.001
Umbelopsis isabellina	Zygomycota	308	93	-	-	-	0.004	0.001
Mortierella macrocystis	Zygomycota	240	64	-	0.003	-	-	0.001
Rhodotorula fujisanensis	Basidiomycota	327	100	-	0.003	-	-	0.001

Oidiodendron sp GK_2010	Ascomycota	253	22	-	-	-	0.004	0.001
Cryptococcus terricola	Basidiomycota	335	99	-	-	-	0.004	0.001
Phialophora sessilis	Ascomycota	278	81	-	-	0.010	-	0.001
Leucosporidiella creatinivora	Basidiomycota	214	68	-	-	-	0.004	0.001
Rhodotorula ingeniosa	Basidiomycota	343	97	-	-	-	0.004	0.001
Mortierella gamsii	Zygomycota	346	66	-	-	-	0.004	0.001
Naevula minutissima	Ascomycota	257	14	-	0.003	-	-	0.001
Leucosporidiella fragaria	Basidiomycota	327	20	-	0.003	-	-	0.001
Cryptococcus terricola	Basidiomycota	343	98	-	0.003	-	-	0.001
Mortierella macrocystis	Zygomycota	356	63	-	-	-	0.004	0.001
Alnicola sphagneti	Basidiomycota	328	24	0.008	-	-	-	0.001
Mortierella gamsii	Zygomycota	346	60	-	-	-	0.004	0.001
Mortierella gamsii	Zygomycota	347	70	-	-	-	0.004	0.001
Rhizoscyphus ericae	Ascomycota	256	96	-	0.003	-	-	0.001
Cladophialophora sp CBS 35083	Ascomycota	268	24	0.008	-	-	-	0.001
Trichocladium opacum	Ascomycota	262	100	-	-	-	0.004	0.001
Leucosporidiella creatinivora	Basidiomycota	325	80	-	0.002	-	0.002	0.001
Monodictys arctica	Ascomycota	260	79	-	0.003	-	-	0.001
Tylospora fibrillosa	Basidiomycota	304	100	-	0.003	-	-	0.001
Coniochaeta ligniaria	Ascomycota	271	83	-	-	-	0.004	0.001
Mortierella elongata	Zygomycota	363	100	-	-	-	0.004	0.001
Umbelopsis isabellina	Zygomycota	305	99	-	-	-	0.004	0.001
Thelephora terrestris	Basidiomycota	291	100	0.008	-	-	-	0.001
Mortierella gamsii	Zygomycota	342	50	-	-	-	0.004	0.001
Leucosporidiella creatinivora	Basidiomycota	324	46	-	-	-	0.004	0.001
Henrica melasporea	Ascomycota	266	7	-	-	-	0.004	0.001
Phoma macrostoma	Ascomycota	267	54	-	-	-	0.004	0.001
Hyphodiscus hymeniophilus	Ascomycota	258	76	-	-	-	0.004	0.001
Ascocoryne cylindrium	Ascomycota	258	72	-	-	-	0.004	0.001
Occultifur externus	Basidiomycota	232	55	-	0.003	-	-	0.001
Cladosporium sp CX_2011a	Ascomycota	263	49	-	-	0.010	-	0.001

Thelephora terrestris	Basidiomycota	200	100	0.008	-	-	-	0.001
Fusarium oxysporum f sp lili	Ascomycota	262	32	0.008	-	-	-	0.001
Devriesia shelburniensis	Ascomycota	216	9	-	-	-	0.004	0.001
Thelephora terrestris	Basidiomycota	331	100	-	0.003	-	-	0.001
Phoma macrostoma	Ascomycota	267	60	-	-	0.010	-	0.001