

Supporting Information Table S3

The following table shows the selected BLAST hit References, E-values and corresponding BLAST scores for all OTUs identified at a 97% sequence similarity cut-off in the current study. OTUs were blasted against the UNITE and INSD databases using the massBLASter tool available from PlutoF v2.0 (<http://unite.ut.ee/workbench.php>). OTUs that did not have a BLAST hit in the UNITE or INSD databases are indicated as “not applicable (NA)”

Reference	Score	E-value
<i>Abrothallus suecicus</i>	318	5.E-86
<i>Absconditella lignicola</i>	163	3.E-39
<i>Absconditella lignicola</i>	168	1.E-40
<i>Absidia caerulea</i>	459	2.E-128
<i>Absidia caerulea</i>	470	1.E-131
<i>Acanthostigma perpusillum</i>	311	8.E-84
<i>Acephala macrosclerotiorum</i>	343	1.E-93
<i>Acephala macrosclerotiorum</i>	388	6.E-107
<i>Acephala macrosclerotiorum</i>	436	1.E-121
<i>Acremonium</i> sp BCC 14080	340	1.E-92
<i>Acremonium strictum</i>	411	1.E-113
<i>Acremonium strictum</i>	315	7.E-85
<i>Agaricus pinsitus</i>	542	4.E-153
<i>Agaricus pinsitus</i>	529	2.E-149
<i>Alatospora acuminata</i>	180	3.E-44
<i>Aliquandostipite khaoyaiensis</i>	87.2	2.E-16
<i>Alternaria alternata</i>	65	2.E-09
<i>Alternaria alternata</i>	412	2.E-114
<i>Alternaria consortialis</i>	481	5.E-135
<i>Alternaria rosae</i>	484	5.E-136
<i>Alternaria tenuissima</i>	486	2.E-136
<i>Alternaria triticina</i>	115	6.E-25
<i>Alternaria triticina</i>	462	2.E-129
<i>Amanita muscaria</i>	586	2.E-166
<i>Anhelia nectandrae</i>	355	7.E-97
Antarctic yeast CBS 8941	473	1.E-132
Antarctic yeast CBS 8941	425	4.E-118
<i>Anthracotheceum prasinum</i>	87.9	2.E-16
<i>Anthracotheceum prasinum</i>	87.9	2.E-16
<i>Arachnopeziza aurata</i>	396	3.E-109
<i>Arachnopeziza aurata</i>	348	6.E-95
<i>Arnium gigantosporum</i>	288	5.E-77
<i>Arnium macrotheca</i>	467	9.E-131
<i>Arnium macrotheca</i>	433	2.E-120

<i>Arthrinium sacchari</i>	477	1.E-133
<i>Arthrinium sacchari</i>	475	3.E-133
<i>Arthrobotrys oligospora</i>	85.6	1.E-15
<i>Articulospora proliferata</i>	431	8.E-120
<i>Articulospora proliferata</i>	390	1.E-107
<i>Ascobrunneispora aquatica</i>	229	4.E-59
<i>Ascomycota</i> sp 6 RB 2011	383	1.E-105
<i>Ascomycota</i> sp 6 RB 2011	340	1.E-92
<i>Ascomycota</i> sp AM12	374	2.E-102
<i>Ascomycota</i> sp AR 2010	420	2.E-116
<i>Ascomycota</i> sp AR 2010	416	2.E-115
<i>Ascomycota</i> sp AR 2010	370	1.E-101
<i>Ascomycota</i> sp ARIZ OCAsh3 11	393	2.E-108
<i>Ascomycota</i> sp ARIZ OCAsh3 11	335	5.E-91
<i>Ascomycota</i> sp CH Co12	457	1.E-127
<i>Ascomycota</i> sp GMU LL 02 B3	443	1.E-123
<i>Ascomycota</i> sp GMU LL 02 B3	412	2.E-114
<i>Ascomycota</i> sp I306	391	6.E-108
<i>Ascomycota</i> sp r433	150	2.E-35
<i>Aspergillus viridinutans</i>	497	8.E-140
<i>Aspicilia cinerea</i>	252	7.E-66
<i>Aspicilia dendroplaca</i>	265	6.E-70
<i>Aspicilia verruculosa</i>	320	2.E-86
<i>Asteridiella obesa</i>	74.5	2.E-12
<i>Asterophora</i> sp aurim714	332	3.E-90
<i>Athelia epiphylla</i>	420	2.E-116
<i>Athelopsis lembospora</i>	484	6.E-136
<i>Aulographina pinorum</i>	361	8.E-99
<i>Aureobasidium pullulans</i>	405	3.E-112
<i>Aureobasidium pullulans</i>	480	1.E-134
<i>Aureobasidium pullulans</i>	457	1.E-127
<i>Aureobasidium pullulans</i>	195	8.E-49
<i>Aureobasidium pullulans</i>	187	1.E-46
<i>Bacidina chlorotricula</i>	392	3.E-108
<i>Bacidina flavoleprosa</i>	142	5.E-33
<i>Bacidina flavoleprosa</i>	114	2.E-24
<i>Barriopsis fusca</i>	237	1.E-61
<i>Basidioidendron caesiocinereum</i>	163	4.E-39
<i>Basidioidendron caesiocinereum</i>	100	2.E-20
<i>Beauveria pseudobassiana</i>	468	5.E-131
<i>Bellemerea alpina</i>	196	2.E-49
<i>Belonopsis eriophori</i>	359	3.E-98
<i>Betamyces americaemeridionalis</i>	87.2	2.E-16
<i>Betamyces americaemeridionalis</i>	193	5.E-48
<i>Betamyces americaemeridionalis</i>	86.1	7.E-16
<i>Betamyces americaemeridionalis</i>	86.1	7.E-16
<i>Bipolaris sorokiniana</i>	391	6.E-108

<i>Bjerkandera fumosa</i>	510	9.E-144
<i>Boletus edulis</i>	448	4.E-125
<i>Boletus edulis</i>	732	0.E+00
<i>Botryobambusa fusicoccum</i>	375	3.E-103
<i>Botryosporium longibrachiatum</i>	97.1	3.E-19
<i>Botryotinia fuckeliana</i>	462	2.E-129
<i>Botryotinia fuckeliana</i>	440	1.E-122
<i>Bovista dermoxantha</i>	547	7.E-155
<i>Brunneodinemasporium brasiliense</i>	337	1.E-91
<i>Brunneodinemasporium brasiliense</i>	272	4.E-72
<i>Bryoglossum gracile</i>	348	4.E-95
<i>Bullera globispora</i>	245	5.E-64
<i>Bullera sakaeratica</i>	226	3.E-58
<i>Cadophora finlandica</i>	454	6.E-127
<i>Cadophora finlandica</i>	435	4.E-121
<i>Cadophora finlandica</i>	296	2.E-79
<i>Cadophora finlandica</i>	339	4.E-92
<i>Calcarisporiella thermophila</i>	161	2.E-38
<i>Calcarisporiella thermophila</i>	67.6	2.E-10
<i>Calcarisporiella thermophila</i>	67.6	2.E-10
<i>Calcarisporiella thermophila</i>	67.6	2.E-10
<i>Calcarisporiella thermophila</i>	67.6	2.E-10
<i>Calcarisporium arbuscula</i>	336	4.E-91
<i>Calyptrozyma arxii</i>	324	6.E-88
<i>Calyptrozyma arxii</i>	351	5.E-96
<i>Camarographium koreanum</i>	320	2.E-86
<i>Camarographium koreanum</i>	276	3.E-73
<i>Candida homilentoma</i>	85.6	8.E-16
<i>Candida novakii</i>	240	2.E-62
<i>Candida novakii</i>	171	2.E-41
<i>Candida ontarioensis</i>	103	6.E-21
<i>Candida santamariae</i>	527	7.E-149
<i>Candida santamariae</i>	510	9.E-144
<i>Capronia pulcherrima</i>	337	1.E-91
<i>Capronia sp 94003b</i>	331	6.E-90
<i>Capronia sp 94003b</i>	407	1.E-112
<i>Capronia sp 94003b</i>	420	1.E-116
<i>Capronia sp 94003b</i>	381	6.E-105
<i>Capronia sp 94003b</i>	387	1.E-106
<i>Capronia sp 94003b</i>	320	1.E-86
<i>Capronia sp 94003b</i>	309	2.E-83
<i>Capronia sp 94003b</i>	320	1.E-86
<i>Capronia sp 94006a</i>	288	8.E-77
<i>Capronia sp 96003a</i>	323	2.E-87
<i>Capronia sp 96003a</i>	340	1.E-92
<i>Capronia sp 96003a</i>	366	2.E-100
<i>Capronia sp 96003a</i>	302	4.E-81

Capronia sp 96003a	322	3.E-87
Catenulifera brachyconia	426	2.E-118
Catenulifera brevicollaris	329	2.E-89
Catenulostroma hermanusense	364	7.E-100
Catenulostroma hermanusense	444	8.E-124
Catenulostroma microsporum	465	3.E-130
Catenulostroma protearum	374	1.E-102
Catenulostroma protearum	391	7.E-108
Catenulostroma protearum	372	3.E-102
Catenulostroma protearum	363	2.E-99
Cenococcum geophilum	431	8.E-120
Cenococcum geophilum	399	2.E-110
Ceratocystis paradoxa	480	1.E-134
Ceratocystis paradoxa	457	1.E-127
Cercophora sulphurella	168	1.E-40
Cercophora sulphurella	137	1.E-31
Cercospora sophorae	551	5.E-156
Chaenothecopsis pusiola	65	1.E-09
Chaetomidium arxii	453	1.E-126
Chaetomium aureum	486	2.E-136
Chaetomium aureum	464	6.E-130
Chaetomium aureum	207	1.E-52
Chaetomium cupreum	431	6.E-120
Chaetomium jodhpurensense	370	1.E-101
Chaetomium nigricolor	473	1.E-132
Chaetosphaeria bombycina	253	2.E-66
Chaetosphaeria dilabens	331	9.E-90
Chaetothyriales sp 16708	484	5.E-136
Chaetothyriales sp 16708	457	1.E-127
Chalara microspora	462	2.E-129
Chalara microspora	401	5.E-111
Chalara microspora	298	6.E-80
Chalara pseudoaffinis	410	1.E-113
Chlamydotubeufia khunkornensis	180	2.E-44
Chlorociboria argentinensis	215	4.E-55
Chrysosporium merdarium	415	5.E-115
Chrysosporium pseudomerdarium	401	5.E-111
Cistella acuum	294	8.E-79
Cistella grevillei	391	7.E-108
Cistella grevillei	355	4.E-97
Cistella spicicola	344	8.E-94
Cladonia borealis	446	2.E-124
Cladonia coniocraea	63.4	6.E-09
Cladonia diversa	407	1.E-112
Cladonia fimbriata	142	7.E-33
Cladonia fimbriata	136	6.E-31
Cladonia fimbriata	136	6.E-31

Cladonia fimbriata	137	2.E-31
Cladonia fimbriata	148	9.E-35
Cladonia fimbriata	153	3.E-36
Cladonia fimbriata	458	8.E-128
Cladonia fimbriata	136	6.E-31
Cladonia fimbriata	114	3.E-24
Cladonia fimbriata	117	4.E-25
Cladonia fimbriata	117	3.E-25
Cladonia fimbriata	148	9.E-35
Cladonia fimbriata	148	9.E-35
Cladonia fimbriata	150	3.E-35
Cladonia fimbriata	136	6.E-31
Cladonia fimbriata	139	7.E-32
Cladonia fimbriata	134	2.E-30
Cladonia fimbriata	145	8.E-34
Cladonia fimbriata	110	3.E-23
Cladonia fimbriata	125	1.E-27
Cladonia fimbriata	145	8.E-34
Cladonia fimbriata	137	1.E-31
Cladonia fimbriata	120	4.E-26
Cladonia fimbriata	137	2.E-31
Cladonia fimbriata	141	2.E-32
Cladonia fimbriata	129	5.E-29
Cladonia fimbriata	134	2.E-30
Cladonia fimbriata	139	7.E-32
Cladonia fimbriata	286	2.E-76
Cladonia fimbriata	136	7.E-31
Cladonia fimbriata	131	1.E-29
Cladonia fimbriata	150	3.E-35
Cladonia fimbriata	156	4.E-37
Cladonia fimbriata	117	4.E-25
Cladonia fimbriata	141	2.E-32
Cladonia fimbriata	423	2.E-117
Cladonia fimbriata	117	3.E-25
Cladonia fimbriata	136	6.E-31
Cladonia fimbriata	142	8.E-33
Cladonia fimbriata	117	4.E-25
Cladonia fimbriata	129	5.E-29
Cladonia fimbriata	115	1.E-24
Cladonia fimbriata	114	3.E-24
Cladonia fimbriata	131	2.E-29
Cladonia fimbriata	132	1.E-29
Cladonia fimbriata	427	9.E-119
Cladonia fimbriata	416	2.E-115
Cladonia foliacea	416	2.E-115
Cladonia furcata	350	1.E-95
Cladonia gracilis	443	1.E-123

<i>Cladonia gracilis</i> subsp <i>elongata</i>	448	5.E-125
<i>Cladonia grayi</i>	491	7.E-138
<i>Cladonia grayi</i>	347	2.E-94
<i>Cladonia grayi</i>	466	2.E-130
<i>Cladonia merochlorophaea</i>	340	1.E-92
<i>Cladophialophora chaetospira</i>	391	6.E-108
<i>Cladophialophora chaetospira</i>	114	2.E-24
<i>Cladophialophora chaetospira</i>	253	2.E-66
<i>Cladophialophora chaetospira</i>	345	5.E-94
<i>Cladophialophora humicolae</i>	549	2.E-155
<i>Cladophialophora humicolae</i>	665	0.E+00
<i>Cladophialophora minutissima</i>	383	1.E-105
<i>Cladophialophora minutissima</i>	318	5.E-86
<i>Cladophialophora minutissima</i>	331	8.E-90
<i>Cladophialophora minutissima</i>	331	8.E-90
<i>Cladophialophora minutissima</i>	348	4.E-95
<i>Cladophialophora minutissima</i>	394	8.E-109
<i>Cladophialophora minutissima</i>	418	6.E-116
<i>Cladophialophora minutissima</i>	413	2.E-114
<i>Cladophialophora minutissima</i>	394	7.E-109
<i>Cladophialophora minutissima</i>	355	7.E-97
<i>Cladophialophora minutissima</i>	440	1.E-122
<i>Cladophialophora minutissima</i>	442	3.E-123
<i>Cladophialophora minutissima</i>	357	1.E-97
<i>Cladophialophora minutissima</i>	398	6.E-110
<i>Cladophialophora minutissima</i>	374	1.E-102
<i>Cladophialophora minutissima</i>	392	3.E-108
<i>Cladophialophora minutissima</i>	344	8.E-94
<i>Cladophialophora modesta</i>	207	1.E-52
<i>Cladophialophora scillae</i>	285	6.E-76
<i>Cladosporium oxysporum</i>	367	8.E-101
<i>Claroideoglopus claroideum</i>	56.5	5.E-07
<i>Claroideoglopus claroideum</i>	56.5	5.E-07
<i>Claroideoglopus claroideum</i>	56.5	5.E-07
<i>Claroideoglopus claroideum</i>	56.5	5.E-07
<i>Claroideoglopus claroideum</i>	56.5	6.E-07
<i>Claroideoglopus claroideum</i>	56.5	5.E-07
<i>Claroideoglopus claroideum</i>	56.5	5.E-07
<i>Claviradulomyces dabeicola</i>	237	2.E-61
<i>Claviradulomyces dabeicola</i>	182	8.E-45
<i>Clitocybe vermicularis</i>	223	3.E-57
<i>Clitopilus hobsonii</i>	434	1.E-120
<i>Clonostachys rosea</i>	497	8.E-140
<i>Clonostachys rosea</i>	477	8.E-134
<i>Coccomyces mucronatus</i>	131	8.E-30
<i>Coemansia asiatica</i>	58.4	1.E-07
<i>Coemansia asiatica</i>	58.4	1.E-07

<i>Coemansia asiatica</i>	56.5	5.E-07
<i>Coleophoma eucalyptorum</i>	362	3.E-99
<i>Coleophoma eucalyptorum</i>	364	9.E-100
<i>Collophora hispanica</i>	386	2.E-106
<i>Collophora hispanica</i>	342	4.E-93
<i>Collophora hispanica</i>	296	2.E-79
<i>Collophora hispanica</i>	346	2.E-94
<i>Collophora hispanica</i>	241	1.E-62
<i>Collophora paarla</i>	388	6.E-107
<i>Coniochaeta gigantospora</i>	442	4.E-123
<i>Coniochaeta gigantospora</i>	401	5.E-111
<i>Coniochaeta prunicola</i>	169	5.E-41
<i>Coniothyrium fuckelii</i>	465	3.E-130
<i>Coniothyrium fuckelii</i>	429	3.E-119
<i>Coniothyrium fuckelii</i>	433	2.E-120
<i>Conlarium duplumascospora</i>	390	1.E-107
<i>Conocybe echinata</i>	545	3.E-154
<i>Coprinellus disseminatus</i>	559	2.E-158
<i>Coprinellus disseminatus</i>	553	2.E-156
<i>Coprinellus verrucispermus</i>	523	1.E-147
<i>Coprinopsis atramentaria</i>	546	1.E-154
<i>Coprinopsis cinerea</i>	545	4.E-154
<i>Cordana pauciseptata</i>	291	1.E-77
<i>Cordyceps memorabilis</i>	380	1.E-104
<i>Cortinarius odorifer</i>	168	2.E-40
<i>Cortinarius parvannulatus</i>	516	2.E-145
<i>Corynascus kuwaitiensis</i>	516	2.E-145
<i>Corynascus kuwaitiensis</i>	416	2.E-115
<i>Cosmospora vilior</i>	245	4.E-64
<i>Cryptococcus</i>	324	6.E-88
<i>Cryptococcus aerius</i>	559	2.E-158
<i>Cryptococcus aerius</i>	545	3.E-154
<i>Cryptococcus aff amylolyticus AS 22398</i>	484	6.E-136
<i>Cryptococcus aff amylolyticus AS 22398</i>	381	6.E-105
<i>Cryptococcus aff amylolyticus AS 22398</i>	141	1.E-32
<i>Cryptococcus aff amylolyticus AS 22398</i>	265	7.E-70
<i>Cryptococcus aff amylolyticus AS 22398</i>	318	6.E-86
<i>Cryptococcus aff amylolyticus AS 22398</i>	379	2.E-104
<i>Cryptococcus aff amylolyticus AS 22398</i>	462	2.E-129
<i>Cryptococcus aff laurentii D 0721a1</i>	191	1.E-47
<i>Cryptococcus cylindricus</i>	560	1.E-158
<i>Cryptococcus dimennae</i>	204	2.E-51
<i>Cryptococcus dimennae</i>	126	3.E-28
<i>Cryptococcus dimennae</i>	130	2.E-29
<i>Cryptococcus flavus</i>	198	7.E-50
<i>Cryptococcus laurentii</i>	215	7.E-55
<i>Cryptococcus laurentii</i>	147	3.E-34

<i>Cryptococcus laurentii</i>	492	3.E-138
<i>Cryptococcus paraflavus</i>	258	9.E-68
<i>Cryptococcus podzolicus</i>	489	2.E-137
<i>Cryptococcus podzolicus</i>	269	4.E-71
<i>Cryptococcus podzolicus</i>	468	5.E-131
<i>Cryptococcus podzolicus</i>	200	2.E-50
<i>Cryptococcus podzolicus</i>	111	9.E-24
<i>Cryptococcus podzolicus</i>	130	2.E-29
<i>Cryptococcus podzolicus</i>	202	6.E-51
<i>Cryptococcus podzolicus</i>	231	7.E-60
<i>Cryptococcus podzolicus</i>	119	5.E-26
<i>Cryptococcus randhawii</i>	578	4.E-164
<i>Cryptococcus randhawii</i>	568	6.E-161
<i>Cryptococcus</i> sp BI20	196	2.E-49
<i>Cryptococcus</i> sp VPCI 1367 B1	111	8.E-24
<i>Cryptococcus terricola</i>	380	1.E-104
<i>Cryptococcus terricola</i>	458	6.E-128
<i>Cryptococcus terricola</i>	604	5.E-172
<i>Cryptococcus terricola</i>	235	7.E-61
<i>Cryptococcus victoriae</i>	329	2.E-89
<i>Cryptococcus victoriae</i>	404	9.E-112
<i>Cryptococcus victoriae</i>	416	2.E-115
<i>Cryptococcus wieringae</i>	599	2.E-170
<i>Cryptosporiopsis actinidiae</i>	104	2.E-21
<i>Cryptosporiopsis actinidiae</i>	380	2.E-104
<i>Cryptosporiopsis actinidiae</i>	169	5.E-41
<i>Cudoniella acicularis</i>	271	1.E-71
<i>Cudoniella acicularis</i>	399	3.E-110
<i>Cudoniella clavus</i>	378	4.E-104
<i>Curreya pityophila</i>	369	3.E-101
<i>Cyphellophora hylomeconis</i>	385	6.E-106
<i>Dactylaria lanosa</i>	340	1.E-92
<i>Dactylella oviparasitica</i>	163	4.E-39
<i>Dactylellina drechsleri</i>	504	1.E-141
<i>Dactylellina drechsleri</i>	462	2.E-129
<i>Dactylellina ellipsospora</i>	478	4.E-134
<i>Dactylellina phymatopaga</i>	174	1.E-42
<i>Daldinia fissa</i>	396	2.E-109
<i>Davidiella tassiana</i>	436	1.E-121
<i>Debaryomyces hansenii</i>	529	2.E-149
<i>Debaryomyces polymorphus</i> var <i>polymorphus</i>	543	1.E-153
<i>Debaryomyces polymorphus</i> var <i>polymorphus</i>	525	3.E-148
<i>Degelia gayana</i>	313	2.E-84
<i>Degelia gayana</i>	213	2.E-54
<i>Devriesia pseudoamericana</i>	350	2.E-95
<i>Devriesia pseudoamericana</i>	369	3.E-101
<i>Devriesia pseudoamericana</i>	298	6.E-80

<i>Devriesia pseudoamericana</i>	296	2.E-79
<i>Devriesia pseudoamericana</i>	281	6.E-75
<i>Devriesia pseudoamericana</i>	335	5.E-91
<i>Dinemasporium morbidum</i>	356	2.E-97
<i>Dinemasporium morbidum</i>	480	1.E-134
<i>Dinemasporium pseudostrigosum</i>	439	4.E-122
<i>Dinemasporium pseudostrigosum</i>	414	6.E-115
<i>Dinemasporium pseudostrigosum</i>	363	2.E-99
<i>Dinemasporium strigosum</i>	266	3.E-70
<i>Dinemasporium strigosum</i>	400	8.E-111
<i>Dinemasporium strigosum</i>	374	8.E-103
<i>Dioszegia athyri</i>	425	3.E-118
<i>Dioszegia rishiriensis</i>	415	4.E-115
<i>Dokmaia monthadangii</i>	459	2.E-128
<i>Dothideomycetes</i> sp DC2167	448	6.E-125
<i>Dothideomycetes</i> sp genotype 188	313	2.E-84
<i>Dothideomycetes</i> sp genotype 188	259	3.E-68
<i>Drechslera erythrospila</i>	415	5.E-115
<i>Drechslera erythrospila</i>	475	4.E-133
<i>Drechslera erythrospila</i>	460	8.E-129
<i>Drechslera nobleae</i>	304	1.E-81
<i>Drechslera nobleae</i>	329	3.E-89
<i>Drechslera poae</i>	381	6.E-105
<i>Elsinoe ampelina</i>	320	2.E-86
<i>Emericella nidulans</i>	123	4.E-27
<i>Emericella nidulans</i>	109	8.E-23
<i>Emericella nidulans</i>	155	1.E-36
<i>Emericella nidulans</i>	381	6.E-105
<i>Emericella nidulans</i>	147	3.E-34
<i>Emericella purpurea</i>	125	7.E-28
<i>Emmonsia parva</i>	519	2.E-146
<i>Entoloma conferendum</i>	439	4.E-122
<i>Epacris microphylla</i> root associated fungus 12	453	2.E-126
<i>Epacris microphylla</i> root associated fungus 12	435	5.E-121
<i>Epacris microphylla</i> root associated fungus 17	472	3.E-132
<i>Epacris microphylla</i> root associated fungus 21	431	8.E-120
<i>Epacris microphylla</i> root associated fungus 21	313	1.E-84
<i>Epacris microphylla</i> root associated fungus 21	315	5.E-85
<i>Epacris microphylla</i> root associated fungus 26	321	5.E-87
<i>Epacris microphylla</i> root associated fungus 26	425	3.E-118
<i>Epacris microphylla</i> root associated fungus 26	337	1.E-91
<i>Epacris microphylla</i> root associated fungus 26	331	6.E-90
<i>Epacris microphylla</i> root associated fungus 26	327	7.E-89
<i>Epacris microphylla</i> root associated fungus 33	439	3.E-122
<i>Epacris microphylla</i> root associated fungus 33	402	3.E-111
<i>Epacris microphylla</i> root associated fungus 33	488	4.E-137
<i>Epacris microphylla</i> root associated fungus 33	425	3.E-118

<i>Epacris microphylla</i> root associated fungus 33	346	2.E-94
<i>Epacris pulchella</i> root associated fungus EP20	427	9.E-119
<i>Epacris pulchella</i> root associated fungus EP20	490	1.E-137
<i>Epacris pulchella</i> root associated fungus EP26	167	2.E-40
<i>Epacris pulchella</i> root associated fungus EP54	448	5.E-125
<i>Epacris pulchella</i> root associated fungus EP55	401	5.E-111
<i>Epicoccum nigrum</i>	347	1.E-94
<i>Eudarlucia caricis</i>	212	5.E-54
<i>Exobasidium kishianum</i>	455	4.E-127
<i>Exobasidium rostrupii</i>	443	1.E-123
<i>Exophiala bergeri</i>	418	5.E-116
<i>Exophiala equina</i>	215	6.E-55
<i>Exophiala eucalyptorum</i>	491	7.E-138
<i>Exophiala placitae</i>	389	2.E-107
<i>Exophiala sideris</i>	462	3.E-129
<i>Exophiala sideris</i>	442	3.E-123
<i>Filobasidium uniguttulatum</i>	331	6.E-90
<i>Filobasidium uniguttulatum</i>	622	2.E-177
<i>Friedmanniomyces endolithicus</i>	367	1.E-100
<i>Friedmanniomyces endolithicus</i>	311	8.E-84
fungal endophyte	340	1.E-92
fungal sp 2747 YZ 2011	416	2.E-115
fungal sp ARIZ AZ0780	433	2.E-120
fungal sp NLEndoHerit 014 2008N5 26 2N	327	8.E-89
<i>Funneliformis geosporum</i>	109	6.E-23
<i>Funneliformis geosporum</i>	112	7.E-24
<i>Funneliformis geosporum</i>	109	7.E-23
<i>Funneliformis geosporum</i>	112	8.E-24
<i>Fusarium biseptatum</i>	355	7.E-97
<i>Fusarium culmorum</i>	355	5.E-97
<i>Fusarium culmorum</i>	336	3.E-91
<i>Fusarium equiseti</i>	322	5.E-87
<i>Fusarium merismoides</i>	457	1.E-127
<i>Fusarium oxysporum</i>	355	5.E-97
<i>Fusarium oxysporum</i>	391	6.E-108
<i>Fusarium oxysporum</i>	388	6.E-107
<i>Fusarium oxysporum</i>	448	6.E-125
<i>Fusarium torulosum</i>	497	8.E-140
<i>Fusarium torulosum</i>	466	2.E-130
<i>Fusicladium cordae</i>	502	3.E-141
<i>Fusicladium cordae</i>	277	2.E-73
<i>Fusicladium cordae</i>	484	5.E-136
<i>Fusicladium cordae</i>	213	2.E-54
<i>Fusicladium phillyreae</i>	213	2.E-54
<i>Gaertneriomyces semiglobifer</i>	80.5	4.E-14
<i>Gammamyces ourimbahensis</i>	85.6	6.E-16
<i>Ganoderma adspersum</i>	538	4.E-152

Ganoderma applanatum	440	1.E-122
Ganoderma applanatum	542	4.E-153
Ganoderma applanatum	529	2.E-149
Geoglossum atropurpureum	174	1.E-42
Geomyces pannorum	462	2.E-129
Geomyces pannorum	393	2.E-108
Geomyces vinaceus	442	3.E-123
Geopora clausa	82.4	6.E-15
Geosmithia langdonii	183	2.E-45
Geosmithia putterillii	137	2.E-31
Glomerella graminicola	453	1.E-126
Glomus custos	126	4.E-28
Glomus intraradices	106	6.E-22
Glomus sp 3 SUN 2011	95.1	9.E-19
Guignardia citricarpa	95.3	8.E-19
Helicodendron multiseptatum	440	1.E-122
Helotiaceae sp IV GK 2010	320	1.E-86
Helotiales sp 1 CG 2012	312	4.E-84
Helotiales sp 1 MV 2011	432	3.E-120
Helotiales sp 1 MV 2011	387	1.E-106
Helotiales sp 16 MV 2011	434	9.E-121
Helotiales sp 16 MV 2011	431	8.E-120
Helotiales sp 16 MV 2011	383	2.E-105
Helotiales sp 16 MV 2011	348	6.E-95
Helotiales sp 2 BB 2010	378	4.E-104
Helotiales sp 27 MV 2011	427	8.E-119
Helotiales sp 27 MV 2011	444	8.E-124
Helotiales sp 5 CG 2012	318	4.E-86
Helotiales sp I12F 02299	305	4.E-82
Helotiales sp MU 2009 3	345	4.E-94
Helotiales sp ODKB3	440	1.E-122
Helotiales sp PIMO 265	247	1.E-64
Helotiales sp REF045	405	3.E-112
Helotiales sp REF055	315	4.E-85
Helotiales sp SC3 4	467	9.E-131
Helotiales sp SC9 3	388	5.E-107
Helotiales sp SL11101	233	2.E-60
Helotiales sp WMM 2012b	443	1.E-123
Helotiales sp WMM 2012b	407	1.E-112
Helotiales sp WMM 2012g	336	3.E-91
Helotiales sp WMM 2012g	320	2.E-86
Helvella maculata	291	8.E-78
Helvella maculata	264	1.E-69
Herpotrichiellaceae sp RB 2011	337	1.E-91
Heterobasidion annosum	415	4.E-115
Hirsutella minnesotensis	497	8.E-140
Homortomyces combreti	215	6.E-55

<i>Humicolopsis cephalosporioides</i>	404	1.E-111
<i>Humicolopsis cephalosporioides</i>	361	8.E-99
<i>Humicolopsis cephalosporioides</i>	272	4.E-72
<i>Humicolopsis cephalosporioides</i>	316	2.E-85
<i>Hyaloscypha hepaticola</i>	385	4.E-106
<i>Hyaloscypha</i> sp 2 13c	366	3.E-100
<i>Hydnotrya tulasnei</i>	551	5.E-156
<i>Hydnotrya tulasnei</i>	538	4.E-152
<i>Hyphodontia breviseta</i>	385	6.E-106
<i>Hypholoma fasciculare</i>	499	3.E-140
<i>Hypholoma fasciculare</i>	567	9.E-161
<i>Hypocrea lixii</i>	510	1.E-143
<i>Hypocrea lixii</i>	492	3.E-138
<i>Hypocrea voglmayrii</i>	259	3.E-68
<i>Hypogymnia inactiva</i>	148	6.E-35
<i>Hypomyces cervinigenus</i>	326	3.E-88
<i>Infundichalara microchona</i>	405	4.E-112
<i>Infundichalara microchona</i>	350	1.E-95
<i>Infundichalara microchona</i>	369	3.E-101
<i>Infundichalara microchona</i>	350	2.E-95
<i>Infundichalara microchona</i>	366	2.E-100
<i>Inocybe lacera</i> var <i>lacera</i>	480	1.E-134
<i>Inocybe lacera</i> var <i>lacera</i>	559	2.E-158
<i>Inocybe lacera</i> var <i>lacera</i>	545	3.E-154
<i>Inocybe ochroalba</i>	320	2.E-86
<i>Inocybe ochroalba</i>	233	2.E-60
<i>Johansonia chapadiensis</i>	150	3.E-35
<i>Knufia chersonesos</i>	247	2.E-64
<i>Knufia chersonesos</i>	449	2.E-125
<i>Knufia chersonesos</i>	180	3.E-44
<i>Kockovaella schimae</i>	383	2.E-105
<i>Kurtzmanomyces nectairei</i>	215	8.E-55
<i>Lachnum brevopilosum</i>	301	7.E-81
<i>Lachnum</i> sp 1 MV 2011	440	1.E-122
<i>Lachnum</i> sp 1 MV 2011	453	2.E-126
<i>Lachnum</i> sp 1 MV 2011	420	1.E-116
<i>Lachnum</i> sp 1 MV 2011	409	3.E-113
<i>Lachnum</i> sp 252	318	5.E-86
<i>Lachnum virgineum</i>	150	2.E-35
<i>Lasiochaeria ovina</i>	248	6.E-65
<i>Lecanicillium psalliotae</i>	374	9.E-103
<i>Lecanicillium psalliotae</i>	492	2.E-138
<i>Lecanicillium psalliotae</i>	472	4.E-132
<i>Lecanicillium psalliotae</i>	329	2.E-89
<i>Lecythophora</i> sp BESC803p	446	2.E-124
<i>Lecythophora</i> sp YP363	271	1.E-71
<i>Lenzites betulinus</i>	556	2.E-157

Leotiomyces sp ASR H18 12A	301	9.E-81
Leotiomyces sp ASR H18 12A	259	2.E-68
Leotiomyces sp ASR H18 12A	307	1.E-82
Leotiomyces sp F21	321	7.E-87
Leotiomyces sp genotype 134	364	6.E-100
Leotiomyces sp NK264	462	2.E-129
Leotiomyces sp NK264	366	3.E-100
Leotiomyces sp NK264	431	6.E-120
Leotiomyces sp NK266	420	2.E-116
Lepraria aff obtusatica BRY C56005	93.5	3.E-18
Lepraria elobata	228	9.E-59
Leptosphaeria doliolum	296	3.E-79
Leptosphaeria korrae	351	5.E-96
Leptosphaerulina chartarum	465	3.E-130
Leptosphaerulina chartarum	455	4.E-127
Leuconeurospora sp T11Cd2	377	1.E-103
Limnoperdon incarnatum	257	1.E-67
Linderina macrospora	71.3	2.E-11
Lobaria retigera	241	1.E-62
Lobaria retigera	195	8.E-49
Lobariella pallida	267	1.E-70
Lophiostoma chamaecyparidis	374	1.E-102
Lophiostoma chamaecyparidis	372	4.E-102
Lophiostoma chamaecyparidis	318	5.E-86
Lophiostoma chamaecyparidis	344	8.E-94
Lophiostoma cynaroidis	294	8.E-79
Lophodermium baculiferum	78.7	8.E-14
Lophodermium conigenum	125	9.E-28
Lophodermium conigenum	248	5.E-65
Lophodermium pinastri	464	8.E-130
Lophodermium pinastri	464	8.E-130
Lophodermium pinastri	438	3.E-122
Lophodermium pinastri	438	3.E-122
Lophodermium seditiosum	451	5.E-126
Lycoperdon aff pyriforme Scl 6 1 1L	553	2.E-156
Lyophyllum sp Cultivar Jpn	56.5	6.E-07
Macroconia leptosphaeriae	250	1.E-65
Macroconia leptosphaeriae	189	3.E-47
Magnaporthe poae	147	3.E-34
Malassezia globosa	462	3.E-129
Malassezia globosa	458	7.E-128
Malassezia globosa	554	6.E-157
Malassezia globosa	579	3.E-164
Malassezia restricta	540	1.E-152
Malassezia restricta	456	2.E-127
Malassezia restricta	670	0.E+00
Malassezia restricta	678	0.E+00

<i>Malassezia sympodialis</i>	110	1.E-23
<i>Malassezia sympodialis</i>	651	0.E+00
<i>Massariosphaeria typhicola</i>	536	2.E-151
<i>Melanelixia piliferella</i>	168	1.E-40
<i>Melanocarpus albomyces</i>	386	2.E-106
<i>Melanotaenium euphorbiae</i>	103	6.E-21
<i>Melanotaenium euphorbiae</i>	103	6.E-21
<i>Meliniomyces bicolor</i>	459	2.E-128
<i>Meliniomyces bicolor</i>	307	1.E-82
<i>Meliniomyces bicolor</i>	335	5.E-91
<i>Meliniomyces bicolor</i>	374	1.E-102
<i>Meliniomyces</i> sp GK 2010	183	2.E-45
<i>Meliniomyces</i> sp SM7 2	392	3.E-108
<i>Meliniomyces variabilis</i>	383	2.E-105
<i>Meliniomyces vraolstadiae</i>	351	5.E-96
<i>Metarhizium flavoviride</i>	340	1.E-92
<i>Metschnikowia hawaiiensis</i>	87.2	2.E-16
<i>Metschnikowia hawaiiensis</i>	87.2	2.E-16
<i>Metschnikowia hawaiiensis</i>	87.2	2.E-16
<i>Metschnikowia hawaiiensis</i>	87.2	2.E-16
<i>Metschnikowia pulcherrima</i>	88.8	8.E-17
<i>Micarea denigrata</i>	296	2.E-79
<i>Micarea hedlundii</i>	225	8.E-58
<i>Micarea hedlundii</i>	167	2.E-40
<i>Micarea hedlundii</i>	161	8.E-39
<i>Microdochium bolleyi</i>	391	6.E-108
<i>Microdochium bolleyi</i>	379	2.E-104
<i>Microscypha ellisii</i>	375	3.E-103
<i>Microsphaeropsis arundinis</i>	459	2.E-128
<i>Microsphaeropsis arundinis</i>	424	1.E-117
<i>Microsphaeropsis arundinis</i>	418	5.E-116
<i>Mollisia incrustata</i>	237	1.E-61
<i>Monoblepharis hypogyna</i>	183	2.E-45
<i>Mortierella alpina</i>	285	5.E-76
<i>Mortierella alpina</i>	182	6.E-45
<i>Mortierella alpina</i>	573	1.E-162
<i>Mortierella angusta</i>	617	6.E-176
<i>Mortierella angusta</i>	514	8.E-145
<i>Mortierella bainieri</i>	381	1.E-104
<i>Mortierella bainieri</i>	276	5.E-73
<i>Mortierella cystojenkinii</i>	603	2.E-171
<i>Mortierella elongata</i>	353	1.E-96
<i>Mortierella elongata</i>	427	7.E-119
<i>Mortierella elongata</i>	636	0.E+00
<i>Mortierella jenkinii</i>	141	2.E-32
<i>Mortierella lignicola</i>	272	3.E-72
<i>Mortierella lignicola</i>	605	4.E-172

Mortierella lignicola	612	3.E-174
Mortierella macrocystis	595	3.E-169
Mortierella parvispora	537	1.E-151
Mortierella parvispora	616	2.E-175
Mortierella polycephala	76.8	5.E-13
Mortierella turficola	436	2.E-121
Mortierellaceae sp PDKB9	610	1.E-173
Mortierellaceae sp PDKB9	612	3.E-174
Mucor moelleri	122	1.E-26
Mycena arcangeliana	569	3.E-161
Mycena arcangeliana	555	4.E-157
Mycena corynephora	154	2.E-36
Mycena epipterygia	562	3.E-159
Mycena galopus	569	3.E-161
Mycena galopus	560	9.E-159
Mycena maurella	93.5	4.E-18
Mycena meliigena	423	3.E-117
Mycena metata	416	2.E-115
Mycena simia	547	7.E-155
Mycoblastus sanguinarioides	202	4.E-51
Myrmecridium banksiae	336	3.E-91
Myrmecridium banksiae	402	3.E-111
Myrmecridium banksiae	366	2.E-100
Myrmecridium phragmitis	274	1.E-72
Myrmecridium phragmitis	293	3.E-78
Myrmecridium phragmitis	198	6.E-50
Myrmecridium schulzeri	324	6.E-88
Myrmecridium schulzeri	445	4.E-124
Myrothecium gramineum	206	5.E-52
NA1	NA	NA
NA10	NA	NA
NA11	NA	NA
NA12	NA	NA
NA13	NA	NA
NA14	NA	NA
NA15	NA	NA
NA16	NA	NA
NA17	NA	NA
NA18	NA	NA
NA19	NA	NA
NA2	NA	NA
NA20	NA	NA
NA21	NA	NA
NA22	NA	NA
NA23	NA	NA
NA24	NA	NA
NA25	NA	NA

NA26	NA	NA
NA27	NA	NA
NA28	NA	NA
NA29	NA	NA
NA3	NA	NA
NA30	NA	NA
NA31	NA	NA
NA32	NA	NA
NA33	NA	NA
NA34	NA	NA
NA35	NA	NA
NA36	NA	NA
NA37	NA	NA
NA38	NA	NA
NA39	NA	NA
NA4	NA	NA
NA40	NA	NA
NA41	NA	NA
NA42	NA	NA
NA43	NA	NA
NA44	NA	NA
NA45	NA	NA
NA46	NA	NA
NA47	NA	NA
NA48	NA	NA
NA49	NA	NA
NA5	NA	NA
NA50	NA	NA
NA51	NA	NA
NA6	NA	NA
NA7	NA	NA
NA8	NA	NA
NA9	NA	NA
<i>Naemacyclus niveus</i>	464	8.E-130
<i>Neocallimastix</i> sp H GFM 2	96.7	4.E-19
<i>Neocallimastix</i> sp H GFM 2	95.1	1.E-18
<i>Neocallimastix</i> sp H GFM 2	95.1	9.E-19
<i>Neocallimastix</i> sp H GFM 2	95.1	9.E-19
<i>Neocallimastix</i> sp H GFM 2	77.7	2.E-13
<i>Noosia banksiae</i>	388	7.E-107
<i>Ochrolechia juvenalis</i>	153	2.E-36
<i>Ogataea chonburiensis</i>	126	3.E-28
<i>Oidiodendron</i>	NA	NA
<i>Oidiodendron chlamydosporicum</i>	439	3.E-122
<i>Oidiodendron chlamydosporicum</i>	410	1.E-113
<i>Oidiodendron chlamydosporicum</i>	364	6.E-100
<i>Oidiodendron chlamydosporicum</i>	403	1.E-111

<i>Oidiodendron griseum</i>	324	6.E-88
<i>Oidiodendron griseum</i>	280	2.E-74
<i>Oidiodendron pilicola</i>	435	3.E-121
<i>Oidiodendron pilicola</i>	392	3.E-108
<i>Oidiodendron reticulatum</i>	454	6.E-127
<i>Oidiodendron reticulatum</i>	425	3.E-118
<i>Oidiodendron tenuissimum</i>	97.1	2.E-19
<i>Ophiocordyceps entomorrhiza</i>	148	5.E-35
<i>Ophiocordyceps irangiensis</i>	63.4	4.E-09
<i>Ophiocordyceps irangiensis</i>	60.2	3.E-08
<i>Ophiocordyceps nutans</i>	95.1	8.E-19
<i>Ophiocordyceps nutans</i>	98.3	1.E-19
<i>Ophiocordyceps prolifica</i>	502	3.E-141
<i>Ophiostoma bicolor</i>	99.9	5.E-20
<i>Paraconiothyrium brasiliense</i>	145	7.E-34
<i>Paraconiothyrium sporulosum</i>	455	4.E-127
<i>Paraphaeosphaeria michotii</i>	383	1.E-105
<i>Parastagonospora nodorum</i>	355	6.E-97
<i>Parastagonospora nodorum</i>	361	7.E-99
<i>Passalora zambiae</i>	252	5.E-66
<i>Penicillium aculeatum</i>	457	1.E-127
<i>Penicillium adametzii</i>	494	7.E-139
<i>Penicillium adametzii</i>	473	1.E-132
<i>Penicillium bialowiezense</i>	423	2.E-117
<i>Penicillium brevicompactum</i>	228	9.E-59
<i>Penicillium canescens</i>	394	6.E-109
<i>Penicillium canescens</i>	480	1.E-134
<i>Penicillium canescens</i>	473	1.E-132
<i>Penicillium cecidicola</i>	364	8.E-100
<i>Penicillium cecidicola</i>	477	8.E-134
<i>Penicillium citreonigrum</i>	393	2.E-108
<i>Penicillium concentricum</i>	150	2.E-35
<i>Penicillium corylophilum</i>	483	2.E-135
<i>Penicillium herquei</i>	351	5.E-96
<i>Penicillium janthinellum</i>	412	4.E-114
<i>Penicillium lanosum</i>	492	2.E-138
<i>Penicillium montanense</i>	394	6.E-109
<i>Penicillium montanense</i>	483	2.E-135
<i>Penicillium montanense</i>	490	1.E-137
<i>Penicillium montanense</i>	460	8.E-129
<i>Penicillium montanense</i>	399	2.E-110
<i>Penicillium namyslowskii</i>	494	7.E-139
<i>Penicillium namyslowskii</i>	468	5.E-131
<i>Penicillium ochrochloron</i>	391	6.E-108
<i>Penicillium ochrochloron</i>	497	8.E-140
<i>Penicillium raistrickii</i>	403	1.E-111
<i>Penicillium simile</i>	422	4.E-117

<i>Penicillium tularense</i>	423	2.E-117
<i>Penicillium tularense</i>	394	8.E-109
<i>Penidiella ellipsoidea</i>	147	1.E-34
<i>Peniophora lycii</i>	444	9.E-124
<i>Pesotum fragrans</i>	82.4	5.E-15
<i>Pezicula carpinea</i>	258	8.E-68
<i>Peziza ostracoderma</i>	269	4.E-71
<i>Peziza ostracoderma</i>	448	7.E-125
<i>Pezizella discreta</i>	294	7.E-79
<i>Pezizomyces</i> sp genotype 454	443	1.E-123
<i>Phaeoacremonium griseorubrum</i>	224	1.E-57
<i>Phaeococcomyces catenatus</i>	542	4.E-153
<i>Phaeococcomyces catenatus</i>	256	3.E-67
<i>Phaeococcomyces chersonesos</i>	201	1.E-50
<i>Phaeococcomyces eucalypti</i>	168	1.E-40
<i>Phaeococcomyces eucalypti</i>	307	1.E-82
<i>Phaeococcomyces eucalypti</i>	299	3.E-80
<i>Phaeococcomyces nigricans</i>	381	5.E-105
<i>Phaeococcomyces nigricans</i>	335	5.E-91
<i>Phaeosphaeria avenaria</i>	453	2.E-126
<i>Phaeosphaeria avenaria</i>	425	3.E-118
<i>Phaeosphaeria herpotrichoides</i>	449	2.E-125
<i>Phaeosphaeria nodorum</i>	451	5.E-126
<i>Phaeosphaeria nodorum</i>	449	2.E-125
<i>Phaeosphaeria nodorum</i>	405	4.E-112
<i>Phaeosphaeria phragmitis</i>	380	2.E-104
<i>Phaeosphaeria phragmitis</i>	414	6.E-115
<i>Phaeosphaeria phragmitis</i>	363	2.E-99
<i>Phaeosphaeriopsis</i> sp C652	453	2.E-126
<i>Phaeosphaeriopsis</i> sp TMS 2011	323	2.E-87
<i>Phaeotheca fissurella</i>	377	8.E-104
<i>Phellinopsis conchata</i>	183	2.E-45
<i>Phellinus pomaceus</i>	91.9	1.E-17
<i>Phialemonium curvatum</i>	266	3.E-70
<i>Phialemonium curvatum</i>	236	3.E-61
<i>Phialemonium curvatum</i>	275	5.E-73
<i>Phialemonium curvatum</i>	256	3.E-67
<i>Phialemonium curvatum</i>	247	2.E-64
<i>Phialemonium curvatum</i>	202	5.E-51
<i>Phialocephala fortinii</i>	393	2.E-108
<i>Phialocephala fortinii</i>	369	3.E-101
<i>Phialocephala fortinii</i>	436	1.E-121
<i>Phialocephala fusca</i>	396	2.E-109
<i>Phialocephala virens</i>	275	4.E-73
<i>Phialocephala virens</i>	337	1.E-91
<i>Phialophora lignicola</i>	336	3.E-91
<i>Phialophora phaeophora</i>	532	2.E-150

Phialophora sp DF36	446	1.E-124
Phialophora sp DF36	416	2.E-115
Phlebia livida subsp tuberculata	161	1.E-38
Phlyctochytrium africanum	195	1.E-48
Phlyctochytrium palustre	180	3.E-44
Pholiota populnea	573	1.E-162
Phoma betae	292	3.E-78
Phoma caloplacae	396	3.E-109
Phoma caloplacae	337	1.E-91
Phoma herbarum	294	8.E-79
Phoma macrostoma	320	1.E-86
Phyllachora phyllostachydis	345	5.E-94
Pichia kudriavzevii	57.1	3.E-07
Piriformospora sp X 30	90.3	3.E-17
Piriformospora sp X 30	90.3	3.E-17
Piriformospora sp X 30	90.3	3.E-17
Placynthiella icmalea	442	4.E-123
Placynthiella icmalea	401	5.E-111
Platismatia stenophylla	320	2.E-86
Plectania rhytidia	104	2.E-21
Pleopsidium chlorophanum	187	3.E-46
Pleospora herbarum	446	2.E-124
Pleosporales sp 28e	185	9.E-46
Pleosporales sp 28e	410	1.E-113
Pleosporales sp 28e	355	4.E-97
Pleosporales sp 5 TMS 2011	190	2.E-47
Pochonia bulbillosa	364	7.E-100
Pochonia bulbillosa	527	7.E-149
Pochonia bulbillosa	512	2.E-144
Pochonia suchlasporia	329	2.E-89
Podoscypha venustula	96.7	5.E-19
Podospora ellisiana	278	4.E-74
Podospora ellisiana	413	1.E-114
Podospora ellisiana	363	2.E-99
Podospora formosana	448	5.E-125
Podospora miniglutinans	420	1.E-116
Polyphlyctis unispina	161	1.E-38
Porosphaerella cordanophora	321	7.E-87
Porosphaerella cordanophora	263	3.E-69
Porosphaerella cordanophora	222	4.E-57
Powellomyces hirtus	79.2	7.E-14
Powellomyces hirtus	93.5	5.E-18
Powellomyces hirtus	82.4	1.E-14
Powellomyces hirtus	82.4	1.E-14
Preussia australis	470	1.E-131
Preussia dubia	415	5.E-115
Preussia minima	343	1.E-93

<i>Pringsheimia euphorbiae</i>	294	8.E-79
<i>Pseudocercospora fraxini</i>	296	2.E-79
<i>Pseudocercospora fraxini</i>	367	1.E-100
<i>Pseudocercospora fraxini</i>	327	8.E-89
<i>Pyrenochaetopsis microspora</i>	435	3.E-121
<i>Pyrenochaetopsis microspora</i>	392	3.E-108
<i>Pyrenophora tetarrhenae</i>	272	3.E-72
<i>Pyrenula macrospora</i>	115	7.E-25
<i>Pyxine limbulata</i>	99	7.E-20
<i>Rachicladosporium pini</i>	443	1.E-123
<i>Rachicladosporium pini</i>	420	1.E-116
<i>Ramaria abietina</i>	111	8.E-24
<i>Ramichloridium strelitziae</i>	252	5.E-66
<i>Rhexocercosporidium panacis</i>	461	7.E-129
<i>Rhexocercosporidium panacis</i>	431	6.E-120
<i>Rhizophlyctis harderi</i>	86.1	7.E-16
<i>Rhizophlyctis rosea</i>	320	2.E-86
<i>Rhizophlyctis rosea</i>	605	4.E-172
<i>Rhizophlyctis rosea</i>	172	6.E-42
<i>Rhizophlyctis rosea</i>	163	2.E-39
<i>Rhizophlyctis rosea</i>	562	3.E-159
<i>Rhizophlyctis rosea</i>	80.5	3.E-14
<i>Rhizophlyctis rosea</i>	86.1	8.E-16
<i>Rhizophydium globosum</i>	82.4	9.E-15
<i>Rhizophydium globosum</i>	82.4	9.E-15
<i>Rhizophydium laterale</i>	82.4	8.E-15
<i>Rhizophydium</i> sp JEL 385	78.7	9.E-14
<i>Rhizoplaca chrysoleuca</i>	110	2.E-23
<i>Rhizopogon luteolus</i>	654	0.E+00
<i>Rhizopogon luteolus</i>	567	9.E-161
<i>Rhizopogon luteolus</i>	654	0.E+00
<i>Rhizopycnis vagum</i>	87.2	2.E-16
<i>Rhizoscyphus ericae</i>	367	8.E-101
<i>Rhizoscyphus ericae</i>	302	3.E-81
<i>Rhizoscyphus ericae</i>	307	1.E-82
<i>Rhizoscyphus ericae</i>	374	1.E-102
<i>Rhizoscyphus ericae</i>	458	6.E-128
<i>Rhizoscyphus ericae</i>	367	8.E-101
<i>Rhizoscyphus ericae</i>	407	1.E-112
<i>Rhizoscyphus ericae</i>	446	1.E-124
<i>Rhizoscyphus ericae</i>	415	5.E-115
<i>Rhizoscyphus ericae</i>	459	2.E-128
<i>Rhizoscyphus ericae</i>	439	3.E-122
<i>Rhizoscyphus ericae</i>	408	4.E-113
<i>Rhizoscyphus ericae</i>	507	1.E-142
<i>Rhizoscyphus ericae</i>	370	1.E-101
<i>Rhizoscyphus ericae</i>	427	7.E-119

<i>Rhizoscyphus ericae</i>	337	1.E-91
<i>Rhizoscyphus ericae</i>	399	3.E-110
<i>Rhizoscyphus ericae</i>	236	4.E-61
<i>Rhizoscyphus ericae</i>	413	1.E-114
<i>Rhizoscyphus ericae</i>	412	4.E-114
<i>Rhizoscyphus ericae</i>	339	4.E-92
<i>Rhizoscyphus ericae</i>	420	2.E-116
<i>Rhizoscyphus ericae</i>	369	3.E-101
<i>Rhizoscyphus ericae</i>	418	5.E-116
<i>Rhizoscyphus ericae</i>	313	2.E-84
<i>Rhizoscyphus ericae</i>	385	5.E-106
<i>Rhizoscyphus ericae</i>	424	1.E-117
<i>Rhizoscyphus ericae</i>	368	5.E-101
<i>Rhizoscyphus ericae</i>	374	1.E-102
<i>Rhizoscyphus ericae</i>	407	1.E-112
<i>Rhizoscyphus ericae</i>	433	2.E-120
<i>Rhizoscyphus ericae</i>	411	8.E-114
<i>Rhizoscyphus ericae</i>	366	1.E-100
<i>Rhizoscyphus ericae</i>	337	1.E-91
<i>Rhizoscyphus ericae</i>	433	2.E-120
<i>Rhizoscyphus ericae</i>	374	1.E-102
<i>Rhizoscyphus ericae</i>	292	3.E-78
<i>Rhizoscyphus ericae</i>	383	2.E-105
<i>Rhizoscyphus ericae</i>	350	2.E-95
<i>Rhizoscyphus ericae</i>	422	4.E-117
<i>Rhizoscyphus ericae</i>	350	2.E-95
<i>Rhizoscyphus ericae</i>	379	2.E-104
<i>Rhizoscyphus ericae</i>	368	4.E-101
<i>Rhodosporidium babjevae</i>	340	1.E-92
<i>Rhodotorula bloemfonteinensis</i>	329	3.E-89
<i>Rhodotorula bloemfonteinensis</i>	309	4.E-83
<i>Rhodotorula cassiicola</i>	257	1.E-67
<i>Rhodotorula eucalyptica</i>	386	2.E-106
<i>Rhodotorula glutinis</i>	483	2.E-135
<i>Rhodotorula mucilaginosa</i>	578	4.E-164
<i>Rhynchostoma proteae</i>	86.1	7.E-16
<i>Rhynchostoma proteae</i>	86.1	7.E-16
<i>Rhynchostoma proteae</i>	86.1	5.E-16
<i>Rufoplaca tristiuscula</i>	185	6.E-46
<i>Saccharata intermedia</i>	125	1.E-27
<i>Sagenomella diversispora</i>	448	6.E-125
<i>Sagenomella humicola</i>	489	2.E-137
<i>Sagenomella humicola</i>	460	8.E-129
<i>Sagenomella striatispora</i>	462	2.E-129
<i>Sagenomella striatispora</i>	431	9.E-120
<i>Sarcoscypha hosoyae</i>	180	2.E-44
<i>Sarea difformis</i>	163	4.E-39

<i>Sarea resinae</i>	155	6.E-37
<i>Sarea resinae</i>	442	4.E-123
<i>Scedosporium apiospermum</i>	388	5.E-107
<i>Schizothecium glutinans</i>	271	1.E-71
<i>Sclerotium delphinii</i>	63.9	3.E-09
<i>Scolecobasidium terreum</i>	183	2.E-45
<i>Scorias leucadendri</i>	165	6.E-40
<i>Scutellospora calospora</i>	316	2.E-85
<i>Scutellospora calospora</i>	277	1.E-73
<i>Scytalidium vaccinii</i>	316	1.E-85
<i>Sebacina grisea</i>	91.6	1.E-17
<i>Septoria digitalis</i>	305	4.E-82
<i>Septoria escalloniae</i>	222	4.E-57
<i>Septoria lamii</i>	350	2.E-95
<i>Sesquicillium microsporum</i>	418	4.E-116
<i>Sesquicillium microsporum</i>	150	2.E-35
<i>Siphula ceratites</i>	156	3.E-37
<i>Siphula ceratites</i>	156	3.E-37
<i>Siphula ceratites</i>	158	1.E-37
<i>Siphula ceratites</i>	156	4.E-37
<i>Siphula ceratites</i>	183	2.E-45
<i>Sistotrema diademiferum</i>	290	3.E-77
<i>Sistotrema diademiferum</i>	206	5.E-52
<i>Sistotrema sp B216</i>	526	2.E-148
<i>Sistotrema sp B216</i>	490	1.E-137
<i>Sistotrema sp B216</i>	440	1.E-122
<i>Sistotrema sp.</i>	339	3.E-92
<i>Skyttea nitschkei</i>	283	2.E-75
<i>Sordaria fimicola</i>	389	2.E-107
<i>Sordaria fimicola</i>	446	2.E-124
<i>Sordariales sp Pi GPB</i>	261	9.E-69
<i>Sordariomycetes sp 11344</i>	418	5.E-116
<i>Sordariomycetes sp DC2118</i>	467	9.E-131
<i>Sordariomycetes sp DC2118</i>	435	5.E-121
<i>Sordariomycetes sp genotype 106</i>	228	8.E-59
<i>Sorocybe resinae</i>	234	1.E-60
<i>Spadicoides bina</i>	196	3.E-49
<i>Spadicoides bina</i>	212	4.E-54
<i>Sphaerobolus iowensis</i>	569	2.E-161
<i>Sphaeropsis pyriputrescens</i>	326	3.E-88
<i>Sphaeropsis sapinea</i>	464	6.E-130
<i>Spizellomyces acuminatus</i>	152	1.E-35
<i>Spizellomyces dolichospermus</i>	294	8.E-79
<i>Spizellomyces dolichospermus</i>	211	1.E-53
<i>Spizellomyces lactosolyticus</i>	121	2.E-26
<i>Spizellomyces palustris</i>	209	7.E-53
<i>Spizellomyces plurigibbosus</i>	163	3.E-39

<i>Spizellomyces plurigibbosus</i>	102	7.E-21
<i>Spizellomyces pseudodichotomus</i>	264	1.E-69
<i>Spizellomyces pseudodichotomus</i>	183	3.E-45
<i>Spizellomyces pseudodichotomus</i>	93.5	6.E-18
<i>Spizellomyces pseudodichotomus</i>	102	8.E-21
<i>Spizellomyces pseudodichotomus</i>	89.8	7.E-17
<i>Spizellomyces pseudodichotomus</i>	152	7.E-36
<i>Spizellomyces</i> sp JEL 148	80.8	3.E-14
<i>Sporendocladia foliicola</i>	269	3.E-71
<i>Sporobolomyces gracilis</i>	553	2.E-156
<i>Sporobolomyces inositophilus</i>	445	5.E-124
<i>Sporobolomyces lactophilus</i>	290	3.E-77
<i>Sporobolomyces lactophilus</i>	263	3.E-69
<i>Sporobolomyces tsugae</i>	499	3.E-140
<i>Sporormiella</i> sp FBI04	472	3.E-132
<i>Squamarina gypsacea</i>	180	2.E-44
<i>Staphylotrichum boninense</i>	232	2.E-60
<i>Stictis radiata</i>	291	9.E-78
<i>Stictis radiata</i>	282	6.E-75
<i>Stictis radiata</i>	200	2.E-50
<i>Stictis radiata</i>	217	2.E-55
<i>Stictis radiata</i>	241	1.E-62
<i>Stilbum vulgare</i>	123	2.E-27
<i>Strelitziana mali</i>	247	2.E-64
<i>Stropharia cyanea</i>	553	2.E-156
<i>Suillus bovinus</i>	611	5.E-174
<i>Suillus luteus</i>	446	1.E-124
<i>Suillus luteus</i>	611	5.E-174
<i>Suillus luteus</i>	608	4.E-173
<i>Sydowia polyspora</i>	488	6.E-137
<i>Sydowia polyspora</i>	464	6.E-130
<i>Sympodiella acicola</i>	464	8.E-130
<i>Sympodiella acicola</i>	433	2.E-120
<i>Syzygospora bachmannii</i>	291	1.E-77
<i>Syzygospora effibulata</i>	108	1.E-22
<i>Talaromyces verruculosus</i>	374	1.E-102
<i>Talaromyces verruculosus</i>	396	2.E-109
<i>Talaromyces verruculosus</i>	480	1.E-134
<i>Talaromyces wortmannii</i>	480	1.E-134
<i>Teratosphaeria capensis</i>	477	1.E-133
<i>Teratosphaeria capensis</i>	442	4.E-123
<i>Teratosphaeria capensis</i>	453	1.E-126
<i>Teratosphaeria jonkershoekensis</i>	394	8.E-109
<i>Teratosphaeria persoonii</i>	136	3.E-31
<i>Thelephora</i>	581	5.E-165
<i>Thelephora terrestris</i>	431	8.E-120
<i>Thelephora terrestris</i>	577	1.E-163

<i>Thelotrema lepadinum</i>	71.3	1.E-11
<i>Thielavia fragilis</i>	348	5.E-95
<i>Thielavia fragilis</i>	285	4.E-76
<i>Tolypocladium cylindrosporum</i>	451	5.E-126
<i>Tolypocladium inflatum</i>	434	1.E-120
<i>Trechispora hymenocystis</i>	390	1.E-107
<i>Trechispora stevensonii</i>	183	2.E-45
<i>Trechispora stevensonii</i>	418	7.E-116
<i>Trechispora stevensonii</i>	399	2.E-110
<i>Trechispora subsphaerospora</i>	423	2.E-117
<i>Trechispora subsphaerospora</i>	370	1.E-101
<i>Trechispora subsphaerospora</i>	374	1.E-102
<i>Tremella brasiliensis</i>	206	4.E-52
<i>Tremella diploschistina</i>	225	8.E-58
<i>Tremella diploschistina</i>	215	6.E-55
<i>Tremella giraffa</i>	240	2.E-62
<i>Tremella taiwanensis</i>	126	3.E-28
<i>Trichocladium asperum</i>	375	3.E-103
<i>Trichoderma atroviride</i>	38	1.E-01
<i>Trichoderma koningiopsis</i>	481	6.E-135
<i>Trichoderma petersenii</i>	412	4.E-114
<i>Trichomerium deniquilatum</i>	434	1.E-120
<i>Trichomerium gleosporum</i>	331	1.E-89
<i>Trichopezizella otanii</i>	176	3.E-43
<i>Trichosporon debeurmannianum</i>	147	3.E-34
<i>Trichosporon porosum</i>	494	7.E-139
<i>Trichosporon porosum</i>	431	9.E-120
<i>Trichosporon porosum</i>	473	1.E-132
<i>Trichothecium roseum</i>	133	6.E-30
<i>Tricladium chaetocladium</i>	191	9.E-48
<i>Truncatella angustata</i>	462	2.E-129
<i>Tuber cistophilum</i>	85.6	7.E-16
<i>Tuber cistophilum</i>	90.3	3.E-17
<i>Tuber cistophilum</i>	85.6	7.E-16
<i>Umbelopsis autotrophica</i>	548	5.E-155
<i>Umbelopsis autotrophica</i>	536	1.E-151
<i>Umbelopsis isabellina</i>	394	9.E-109
<i>Umbelopsis isabellina</i>	543	1.E-153
<i>Umbelopsis isabellina</i>	357	1.E-97
<i>Umbelopsis isabellina</i>	529	2.E-149
<i>Umbelopsis isabellina</i>	497	7.E-140
<i>Umbelopsis ramanniana</i>	548	5.E-155
<i>Umbelopsis ramanniana</i>	534	5.E-151
<i>Umbelopsis ramanniana</i>	540	1.E-152
<i>Umbelopsis</i> sp I GK 2010	226	2.E-58
<i>Umbilicaria calvescens</i>	218	6.E-56
<i>Umbilicaria calvescens</i>	242	5.E-63

uncultured Archaeospora	488	6.E-137
uncultured Archaeospora	520	1.E-146
uncultured Archaeosporales	470	1.E-131
uncultured Archaeosporales	580	1.E-164
uncultured Archaeosporales	445	4.E-124
uncultured Archaeosporales	507	1.E-142
uncultured Archaeosporales	555	4.E-157
uncultured Archaeosporales	484	5.E-136
uncultured Archaeosporales	NA	NA
uncultured Archaeosporales	531	7.E-150
uncultured Chytridiaceae	52.8	8.E-06
uncultured Cladosporium	446	2.E-124
uncultured Cladosporium	407	1.E-112
uncultured Cladosporium	470	1.E-131
uncultured Dermateaceae	438	4.E-122
uncultured Dermateaceae	399	2.E-110
uncultured ectomycorrhizal fungus	386	2.E-106
uncultured ectomycorrhizal fungus	73.1	6.E-12
uncultured fungus	366	2.E-100
uncultured fungus	353	1.E-96
uncultured fungus	361	6.E-99
uncultured fungus	358	5.E-98
uncultured fungus	196	3.E-49
uncultured fungus	576	1.E-163
uncultured fungus	169	5.E-41
uncultured fungus	391	7.E-108
uncultured fungus	220	2.E-56
uncultured fungus	185	1.E-45
uncultured fungus	569	2.E-161
uncultured fungus	237	1.E-61
uncultured fungus	211	9.E-54
uncultured fungus	418	5.E-116
uncultured fungus	357	1.E-97
uncultured fungus	324	2.E-87
uncultured fungus	292	5.E-78
uncultured fungus	95.3	8.E-19
uncultured fungus	54.7	2.E-06
uncultured fungus	95.3	1.E-18
uncultured fungus	54.7	2.E-06
uncultured fungus	56.5	5.E-07
uncultured fungus	56.5	5.E-07
uncultured fungus	54.7	2.E-06
uncultured fungus	102	5.E-21
uncultured fungus	60.2	6.E-08
uncultured fungus	56.5	5.E-07
uncultured fungus	451	7.E-126
uncultured fungus	556	1.E-157

uncultured fungus	337	2.E-91
uncultured fungus	309	4.E-83
uncultured fungus	95.3	8.E-19
uncultured fungus	339	3.E-92
uncultured fungus	267	1.E-70
uncultured fungus	280	2.E-74
uncultured fungus	421	6.E-117
uncultured fungus	442	4.E-123
uncultured fungus	150	2.E-35
uncultured fungus	664	0.E+00
uncultured fungus	56.5	5.E-07
uncultured fungus	305	6.E-82
uncultured fungus	250	3.E-65
uncultured fungus	298	1.E-79
uncultured fungus	363	2.E-99
uncultured fungus	551	5.E-156
uncultured fungus	87.9	1.E-16
uncultured fungus	158	9.E-38
uncultured fungus	400	8.E-111
uncultured Helotiaceae	418	5.E-116
uncultured Helotiaceae	453	2.E-126
uncultured Hypocreales	87.9	1.E-16
uncultured Leotiomyces	462	2.E-129
uncultured Leptodontidium	469	3.E-131
uncultured Mortierella	183	3.E-45
uncultured Phaeococcomyces	229	3.E-59
uncultured Phialophora	367	8.E-101
uncultured Sebacina	489	2.E-137
uncultured Sebacina mycobiont of Trifolium pratense	418	5.E-116
uncultured Sebacinaceae	497	7.E-140
uncultured soil fungus	432	3.E-120
uncultured soil fungus	600	1.E-170
uncultured soil fungus	499	3.E-140
uncultured soil fungus	95.1	1.E-18
uncultured soil fungus	481	7.E-135
uncultured soil fungus	115	1.E-24
uncultured soil fungus	93.5	3.E-18
uncultured soil fungus	223	3.E-57
uncultured soil fungus	73.1	6.E-12
uncultured soil fungus	388	6.E-107
uncultured soil fungus	99.9	6.E-20
uncultured soil fungus	610	1.E-173
uncultured Trechisporales	554	6.E-157
uncultured Trechisporales	429	2.E-119
uncultured Trechisporales	547	7.E-155
Unguiculariopsis lettaui	200	2.E-50
Urocystis agropyri	619	2.E-176

<i>Vermispora fusarina</i>	104	2.E-21
<i>Vermispora fusarina</i>	263	4.E-69
<i>Vermispora fusarina</i>	84.2	3.E-15
<i>Verrucaria subcrustosa</i>	231	1.E-59
<i>Verrucariales</i> sp RB 2011	241	1.E-62
<i>Verticillium leptobactrum</i>	518	5.E-146
<i>Wallemia sebi</i>	109	8.E-23
<i>Wallemia sebi</i>	486	2.E-136
<i>Wilcoxina mikolae</i>	420	2.E-116
<i>Wilcoxina mikolae</i>	356	2.E-97
<i>Wilcoxina mikolae</i>	475	4.E-133
<i>Wilcoxina mikolae</i>	470	1.E-131
<i>Wojnowicia</i> sp NW 2013	331	8.E-90
<i>Xanthoria parietina</i>	172	5.E-42
<i>Xenobotrytis acaducospora</i>	250	2.E-65
<i>Xenochalara juniperi</i>	324	6.E-88
<i>Xenochalara juniperi</i>	437	1.E-121
<i>Xenochalara juniperi</i>	379	2.E-104
<i>Xenopolyscytalum pinea</i>	374	1.E-102
<i>Xenopolyscytalum pinea</i>	370	1.E-101
<i>Xenopolyscytalum pinea</i>	416	2.E-115
<i>Xylaria globosa</i>	97.1	3.E-19
<i>Xylaria intracolorata</i>	313	2.E-84
<i>Xylodon sambuci</i>	381	7.E-105
<i>Zeloasperisporium hyphopodioides</i>	213	2.E-54
<i>Zopfiella tabulata</i>	171	2.E-41
<i>Zychaea mexicana</i>	61.8	1.E-08
