

Taxon	Source for DNA	GenBank accession number		
		SSU	LSU	<i>RPB 2</i>
<i>Acarospora bullata</i>	Italy, Reeb VR 8-VII-98/6 (DUKE) ^a	AY640980	AY640939	AY641019
<i>Acarospora canadensis</i>	Canada, Reeb VR 20-V-99/17-2 (DUKE)	AY640981	AY640940	AY641020
<i>Acarospora cervina</i>	France, Reeb VR 6-VII-98/11 (DUKE)	AY640982	AY640941	AY641021
<i>Acarospora clauzadeana</i>	Spain, Scheidegger 4.1988 (Herb. Helveticum Scheidegger)	AY640987	AY640946	AY641029
<i>Acarospora complanata</i>	Canada, Reeb VR 10-VIII-97 st.4.1/2 (DUKE)	AF356653	AF356654	AY641022
<i>Acarospora hilaris</i>	France, Ménard 1 Fev. 1998 (Herb. Thierry Ménard)	AY640983	AY640942	AY641023
<i>Acarospora laqueata</i>	France, Reeb VR 6-VII-98/11 (DUKE)	AY640984	AY640943	AY641024
<i>Acarospora macrospora</i> ssp. <i>macrospora</i>	Norway, Timdal 3186, 1982.04.03 (O, Lichens 33416)	AY640985	AY640944	AY641025
<i>Acarospora schleicheri</i>	France, Reeb VR 5-VII-98/30 (DUKE)	AY640986	AY640945	AY641026
<i>Athelia bombacina</i>	ATCC 20629 (culture) ^b	M55638	AF279377	AY641027
<i>Baeomyces placophyllus</i>	Canada, Lutzoni 97.06.29-4 (DUKE)	AF356657	AF356658	AY641028
<i>Biatoridium monasteriense</i>	France, Roux 2001/01/13 (DUKE)	AY640988	AY640947	AY641030
<i>Calicium viride</i>	Denmark, Søchting 7475, 10-VII-1997 (DUKE)	AF356669	AF356670	AY641031
<i>Candida albicans</i>	-----	X53497	X70659	AF107787
<i>Capronia pilosella</i>	-----	U42473	AF279378	AF107798
<i>Coenogonium leprieurii</i>	Panama, Kauff pa04021998-522 (Herb. Frank Kauff)	AF465457	AF465442	AY641032
<i>Coenogonium luteum</i>	US, Ryan 31430, 6 Jan. 1994 (ASU)	AF279386	AF279387	AY641038
<i>Cudonia circinans</i>	Jamie Platt JP 232 (DNA) ^c	AF107343	AF279379	AY641033
<i>Curvularia brachyspora</i>	-----	L36995	AF279380	AF107803
<i>Dendrographa minor</i>	US, Ornduff 10,070 (DUKE)	AF279381	AF279382	AY641034
<i>Dermatocarpon luridum</i>	Canada, Reeb VR 8-VIII-97 st. 2.2 (DUKE)	AY640989	AY640948	AY641035
<i>Diaporthe phaseolorum</i>	NRRL 13736 (culture) ^d	L36985	U47830	AY641036
<i>Dibaeis baeomyces</i>	Lutzoni, 93.08.20-1 1/1 (DUKE)	AF113712	AF279385	AY641037
<i>Diploschistes scruposus</i>	US, Reeb VR12-X-97/10 st 4.1 (DUKE)	AF279388	AF279389	AY641039
<i>Dothidea insculpa</i>	CBS 189.58 (culture) ^e	U42474	AY640949	AF107800
<i>Exophiala jeanselmei</i>	-----	X80705	AF050271	AF107796
<i>Fusicidea lygaea</i>	France, Ménard 31 mai 2000 (Herb. Thierry Ménard)	AY640990	AY640950	AY641040
<i>Glypholecia scabra</i>	France, Reeb VR 8-VII-98/19 (DUKE)	AY640991	AY640951	AY641041
<i>Graphina poitiaei</i>	Costa Rica, Lücking 2000, 00-34 (Herb. Frank Kauff)	AF465459	AF465447	AY641042
<i>Gyalecta hypoleuca</i>	Italy, Geletti & Tretiach 1995, (TBS 20801)	AF465460	AF465453	AY641060
<i>Gyalecta jenensis</i>	Austria, Lutzoni 98.08.17-6 (DUKE)	AF279390	AF279391	AY641043
<i>Gyalecta ulmi</i>	Switzerland, Scheidegger 30.05.1998 (DUKE)	AF465464	AF465463	AY641044
<i>Gyromitra esculenta</i>	NRRL 20925 (culture)	U42648	AY640952	AY641045
<i>Hamigera avellanea</i>	NRRL 1938 (culture)	D14406	AB000620	AY641082
<i>Ionaspis lacustris</i>	Canada, Reeb VR 16-V-99/4 (DUKE)	AY640992	AY640953	AY641047
<i>Lasallia pensylvanica</i>	US, Culbertson 22287, 1994 (DUKE)	AF356664	AF356665	AY641048
<i>Lecanora concolor</i>	Spain, Reeb VR 2-IX-00/17 (DUKE)	AY640993	AY640954	AY641049
<i>Lempholemma polyanthes</i>	Canada, Zoladeski & Lutzoni 11294-L1(2/2) (CANL 086527)	AF356690	AF356691	AY641050
<i>Leptogium cyanescens</i>	FL1 (DUKE)	AF356671	AF356672	AY641051
<i>Lobararia quercizans</i>	17-III-1992 (DUKE)	AF279396	AF279397	AY641052
<i>Maronea chilensis</i>	Chile, Pereira 16/04/2000 (DUKE)	AY640994	AY640955	AY641053
<i>Maronea constans</i>	Italy, Castello & Campagnolo 15972, 18.02.1992 (TBS)	AY640995	AY640956	-
<i>Microascus trigonosporus</i>	-----	L36987	U47835	AF107792
<i>Morchella esculenta</i>	ATCC 10968 (culture)	U42642	AF279398	AY641054
<i>Neolecta vitellina</i>	Jamie Platt JP176 (DUKE)	AY640996	AF279401	AF107786
<i>Neurospora crassa</i>	-----	X04971.1	AF286411	AF107789
<i>Ochrolechia juvenalis</i>	US, Lutzoni FL08.13.00/5 (DUKE)	AY640997	AY640957	AY641055
<i>Peltigera canina</i>	Poland, Czyzewska 009205 (LOD-L)	AF356681	AF286822	AY641056
<i>Peltula obscurans</i>	US, Lutzoni 96.10.26-101 1/2 (DUKE)	AF356692	AF356693	AY641057

<i>Peltula umbilicata</i>	South Africa, Giess WG8680 1965-03-21 (COLO)	<i>AF356688</i>	<i>AF356689</i>	AY641046
<i>Penicillium freii</i>	DAMO 216705 (culture) ^f	AY640998	AY640958	AY641058
<i>Pertusaria amara</i>	Canada, Lutzoni 97.06.28 (DUKE)	<i>AF356682</i>	<i>AF356683</i>	AY641059
<i>Petractis luetkemuelleri</i>	Italy, Nimis & Tretiach 2000, (TBS 31659)	<i>AF465461</i>	<i>AF465454</i>	AY641061
<i>Peziza quelepidotia</i>	NRRL M80 (culture)	AY640999	AY640959	AF107809
<i>Placopsis perrugosa</i>	Australia, Streimann 17.12.1993 (DUKE)	<i>AF356659</i>	<i>AF356660</i>	AY641063
<i>Placynthium nigrum</i>	Austria, Lutzoni 98.08.17-11 (DUKE)	<i>AF356673</i>	<i>AF356674</i>	AY641062
<i>Pleopsidium chlorophanum</i>	Austria, Reeb VR 13-VIII-98/5 (DUKE)	<i>AY316151</i>	AY640960	AY641064
<i>Polysporina</i> cf. <i>simplex</i>	US, Lay 99-0351 10/07/1999 (Herb. Elisabeth Lay)	AY641000	AY640961	AY641065
<i>Porpidia albocaerulescens</i>	US, Spatafora 23-I-1994 (DUKE)	<i>AF356675</i>	<i>AF356676</i>	AY641066
<i>Pyrenula cruenta</i>	Puerto Rico, Lutzoni 98.06.17-4 (DUKE)	<i>AF279406</i>	<i>AF279407</i>	AY641067
<i>Pyrenula pseudobufonia</i>	US, Reeb VR 14-VI-02/5 (DUKE)	AY641001	AY640962	AY641068
<i>Rhizocarpon disporum</i>	US, Lutzoni 96.10.26-9 st.1 (1/2) (DUKE)	<i>AF356677</i>	<i>AF356678</i>	AY641069
<i>Rhytisma acerinum</i>	Jamie Platt (DUKE)	<i>AF356695</i>	<i>AF356696</i>	AY641070
<i>Saccharomyces cerevisiae</i>	-----	J01353	J01355	M15693
<i>Sarcogyne regularis</i> var. <i>regularis</i>	Canada, Reeb VR 20-V-99/17 (DUKE)	AY641003	AY640964	AY641071
<i>Sarcogyne similis</i>	US, Lay 99-0376 10/04/1999 (Herb. Elisabeth Lay)	AY641005	AY640966	AY641072
<i>Sarcosagium campestre</i>	Germany, Schwarz, Schumm 4730, 02.08.1997 (Herb. Dr. Schumm)	AY641002	AY640963	-
<i>Sarea resiniae</i>	Poland, Miadlikowska Aug. 1999 (DUKE)	AY641004	AY640965	-
<i>Schizosaccharomyces pombe</i>	-----	X54866	Z19136	D13337
<i>Scoliosporum umbrinum</i>	Germany, Kalb & Huneck 27.V.1996 (H)	AY641006	AY640967	-
<i>Seynesia erumpens</i>	SMH 1291 (culture) ^g	<i>AF279409</i>	<i>AF279410</i>	AY641073
<i>Sordaria macrospora</i>	Canada, Buck 9 August 1997, SMH (culture)	AY641007	AY346301	AY641074
<i>Sphaerophorus globosus</i>	Canada, Lutzoni 93.07.21-3 (DUKE)	L37532	<i>AF356680</i>	AY641075
<i>Sporastatia polyspora</i>	Poland, Lutzoni 99.08.21-14 (DUKE)	AY641008	AY640968	AY641076
<i>Sporastatia testudinea</i>	US, Glew 980808-34 (Herb. Katie Glew)	AY641009	AY640969	AY641077
<i>Stereocaulon paschale</i>	Reeb STEPAS (DUKE)	<i>AF279412</i>	<i>AF279413</i>	AY641078
<i>Stictis radiata</i>	Jamie Platt JP 222 (OSC, DUKE) (DNA)	U20610	<i>AF356663</i>	AY641079
<i>Strangospora pinicola</i> 1	France, Roux 2001/01/12 (DUKE)	AY641010	AY640970	AY641080
<i>Strangospora pinicola</i> 2	Poland, Kukwa 28.10.2000 (DUKE)	AY641011	AY640971	AY641081
<i>Taphrina communis</i>	NRRL T-755 (culture)	AY641012	AY640972	AY641083
<i>Thamnia subuliformis</i>	US, Brodo 28669B (DUKE)	AF113714	<i>AF356679</i>	AY641085
<i>Thelocarpella gordensis</i>	France, Clauzade, Navarro-Rosinés & Roux 22826 (Herb. C. Roux)	AY641014	AY640974	-
<i>Thelocarpon laureri</i> 1	US, Ladd 17881, 6 Feb. 1994 (CANL 110586)	AY641013	AY640973	AY641084
<i>Thelocarpon laureri</i> 2	US, Lay 94-0192 6/24/94 (Herb. Elisabeth Lay)	AY641015	AY640975	AY641086
<i>Trichoglossum hirsutum</i>	Jamie Platt JP267 (DNA)	AY640938	AY640976	AY641087
<i>Umbilicaria muelhenbergii</i>	US, R.Yahr 4246 (DUKE)	AY641016	AY640977	AY641088
<i>Verrucaria pachyderma</i>	Switzerland, Keller 1861, 16 Oct. 1994 (DUKE)	<i>AF356667</i>	<i>AF356668</i>	-
<i>Xanthomendoza fallax</i>	US, Søchting 9572, 5.VII.1999 (C) (DNA)	AY641018	AY640979	AY641090
<i>Xanthoria elegans</i>	Austria, Søchting 9237, 17.VIII.1998 (C) (DNA)	AY641017	AY640978	AY641089

Note: GenBank numbers shown in boldface correspond to new sequences generated by VR for the present study. GenBank accession numbers in italics were submitted to GenBank by VR, FL, Frank Kauff or Jolanta Miadlikowska in previous papers (Bhattacharya et al., 2000; Haugen et al., 2004, MBE 21:129-140; Kauff and Lutzoni, 2002; Lutzoni et al., 2001; Miadlikowska and Lutzoni, 2000, Int. Plant Sci. 161: 925-958). Dashes mean that the corresponding gene was not sequenced. GenBank accession numbers in boldface or italic have the same source of DNA specified in the second column of the table. All others GenBank accession numbers (i.e., not italic or bold) were obtained directly from GenBank.

^a When the country, the name of the collector, the collection number, and the herbarium acronym (in parentheses) is provided, this means that the source of DNA was from herbarium specimens or fresh material now deposited at the specified herbarium.

^b ATCC corresponds to fungal cultures obtained from the American Type Culture Collection (USA).

^c DNA corresponds to DNA aliquots provided by Jamie Platt (California, USA) or Ulrik Søchting (Copenhagen, Denmark).

^d NRRL corresponds to fungal cultures obtained from the Agriculture Research Service Culture Collection (USDA) through Kerry O'Donnell (Peoria, USA).

^e CBS corresponds to fungal cultures obtained from the Centraalbureau voor Schimmelcultures (Netherlands).

^f DAOM corresponds to cultures provided by Keith Seifert (Biodiversité [mycologie et botanique] - CRECO, Ottawa, Canada).

^g SMH corresponds to fungal cultures provided by Sabine Huhndorf (Department of Botany, Field Museum of Natural History, Chicago, IL, USA).