

## Supplementary Data

The phylogenetic distribution of resupinate forms across the major clades of homobasidiomycetes.

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Clades (C): A=athelioid clade, Au=Auriculariales s. str., B=bolete clade, C=cantharelloid clade, Co=corticoid clade, Da=Dacymycetales, E=euagarics clade, G=gomphoid-phalloid clade, GL=Gloephyllum clade, Hy=hymenochaetoid clade, J=Jaapia clade, P=polyporoid clade, R=russuloid clade, Rm=Resinicium meridionale, T=theleporoid clade, Tr=trechisporoid clade, ?=residual taxa as (artificial?) sister group to the athelioid clade.

Authorities were drawn from Index Fungorum (<http://www.indexfungorum.org/>) and strain numbers were adopted from GenBank (<http://www.ncbi.nlm.nih.gov/>). GenBank accession numbers are provided for nuclear (nuc) and mitochondrial (mt) large and small subunit (lsu, ssu) sequences. References are numerically coded; full citations (if published) are listed at the end of this table.

C	Species name	Authority	Strain	GenBank accession numbers				References			
				nuc-ssu	nuc-lsu	mt-ssu	mt-lsu				
P	<i>Abortiporus biennis</i>	(Bull.) Singer (1944)	KEW210	AF334899	AF287842	AF334868	AF393087	4	1	4	35
R	<i>Acanthobasidium norvegicum</i>	(J. Erikss. & Ryvarden) Boidin, Lanq., Cand., Gilles & Huguenev (1986)	T623		AY039328				57		
R	<i>Acanthobasidium phragmitis</i>	Boidin, Lanq., Cand., Gilles & Huguenev (1986)	CBS 233.86		AY039305				57		
R	<i>Acanthofungus rimosus</i>	Sheng H. Wu, Boidin & C.Y. Chien (2000)	Wu9601_1		AY039333				57		
R	<i>Acanthophysium bisporum</i>	Boidin & Lanq. (1986)	T614		AY039327				57		
R	<i>Acanthophysium cerussatum</i>	(Bres.) Boidin (1986)	FPL-11527	AF518568	AF518595	AF334869		66	66	4	
R	<i>Acanthophysium lividoceruleum</i>	(P. Karst.) Boidin (1986)	FP100292		AY039319				57		
R	<i>Acanthophysium sp.</i>		GEL5022		AJ406500				55		
E	<i>Agaricus arvensis</i>	Schaeff. (1774)	CBS 583.76	AJ012396				47			
			SAR 93/494		U11910				14		
E	<i>Agaricus bisporus</i>	(J.E. Lange) Pilát (1951)	n/a	L36658				10			
			SAR 88/411		U11911				14		
			DSH 96-057			AF026656				3	
			SAR88/411				AD001538				6
E	<i>Agaricus campestris</i>	Fr.	CCRC 36325	AJ244536				47			
			VPI-OKM25665		U85273	U85339			32	32	
R	<i>Albatrellus confluens</i>	(Alb. & Schwein.) Kotl. & Pouzar (1957)	REG Aco2		AY293163				68		
R	<i>Albatrellus cristatus</i>	(Schaeff.) Kotl. & Pouzar (1957)	REG Ac1		AY293164				68		
R	<i>Albatrellus flettii</i>	Pouzar (1972)	BG Thesis	AF518569	AF518596			66	66		
			TRH264				AD001540				6
R	<i>Albatrellus ovinus</i>	(Schaeff.) Kotl. & Pouzar (1957)	REG Ao1		AY293165				68		
R	<i>Albatrellus skamanius</i>	(Murrill) Pouzar (1972)	DAOM 220694	AF287829	AF393044	AF287817		1	35	1	

			JL92-89				AD001542				6
R	<i>Albatrellus subrubescens</i>	(Murrill) Pouzar (1972)	REG As1		AY293166				68		
P	<i>Albatrellus syringae</i>	(Parmasto) Pouzar (1966)	CBS 728.85	AF026632	AF393045	AF026674		3	35	3	
							AD001543				6
R	<i>Aleurocystidiellum disciforme</i>	(DC.) Tellería (1990)	NH13003		AF506402				70		
R	<i>Aleurocystidiellum subcruentatum</i>	(Berk. & M.A. Curtis) P.A. Lemke (1964)	NH12874		AF506403				70		
R	<i>Aleurodiscus abietis</i>	H.S. Jacks. & P.A. Lemke	T330		AY039324				57		
R	<i>Aleurodiscus amorphus</i>	Rabenh. (1888)	HHB15282		AY039312				57		
R	<i>Aleurodiscus botryosus</i>	Burt (1918)	CBS 195.91	AF026603	AY039336	AF026646		3	57	3	
R	<i>Aleurodiscus grantii</i>	Lloyd (1920)	T541		AY039316				57		
R	<i>Aleurodiscus lapponicus</i>	Litsch. (1944)	FP100753		AY039320				57		
R	<i>Aleurodiscus laurentinus</i>	H.S. Jacks. & P.A. Lemke (1964)	HHB11235		AY039321				57		
R	<i>Aleurodiscus mirabilis</i>	(Berk. & M.A. Curtis) Höhn. (1909)	Wu9304_105		AY039332				57		
R	<i>Aleurodiscus oakesii</i>	(Berk. & M.A. Curtis) Pat. (1875)	FP101813		AY039306				57		
R	<i>Aleurodiscus penicillatus</i>	Burt (1918)	T322		AY039315				57		
R	<i>Aleurodiscus weirii</i>	Burt (1918)	FP134813		AY039308				57		
E	<i>Amanita citrina var. grisea</i>	Hongo (1958)	HKAS 32506		AF024447				38		
			JM 96/61			AF159072				33	
E	<i>Amanita farinosa</i>	Schwein. (1822)	RV 96/104		AF097370	AF159066			37	33	
E	<i>Amanita flavoconia</i>	G.F. Atk. (1902)	RV 5Aug96		AF042609	AF159074			2	33	
E	<i>Amanita jacksonii</i>	Pomerl. (1984)	TV 96/1		AF097376	AF159071			37	33	
E	<i>Amanita muscaria</i>	(L.) Hook. (1797)	Moncalvo 96/63	AF026631		AF026673		3		3	
			SARs.n.		AF042643				2		
			TDB-1513				AD001549				6
E	<i>Amanita solitariiformis</i>	(Murrill) Murrill (1941)	DD 97/12		AF097390	AF159080			37	33	
E	<i>Amanita virosa</i>	(Fr.) Bertill.	JM 97/42		AF097386	AF159084			37	33	
R	<i>Amphinema byssoides</i>	(Pers.) J. Erikss. (1958)	HHB-13195-Sp.	AF287830	AF518597			1	66		
P	<i>Amylocystis lapponicus</i>	(Romell) Bondartsev & Singer ex Singer	HHB-13400-Sp.	AF518570	AF518598	AF518667	AF518700	66	66	66	66
R	<i>Amylostereum chailletii</i>	(Chaillet) Boidin (1958)	FCUG-2025	AF082846	AF518599	AF334870		4	66	4	
R	<i>Amylostereum laevigatum</i>	(Fr.) Boidin (1958)	CBS 623.84	AF334901	AF287843	AF334871	AF393088	42	1	4	35
E	<i>Anellaria semiovata</i>	(Sowerby) A. Pearson & Dennis (1948)	SAR s.n.		AF041536				15		
G	<i>Anthurus archeri</i>	(Berk.) E. Fisch. (1886)	GEL5392		AJ406479				55		
P	<i>Antrodia carbonica</i>	(Overh.) Ryvarden & Gilb. (1984)	DAOM 197828	AF026570	AF287844	U27023	AF393089	3	1	5	35
P	<i>Antrodia serialis</i>	(Fr.) Donk (1966)	GEL4465		AJ406519				55		
P	<i>Antrodia xantha</i>	(Fr.) Ryvarden (1973)	KEW43	AF334902	AF287845	AF334872		4	1	4	
P	<i>Antrodiella romellii</i>	(Donk) Niemelä (1982)	GEL4231		AJ406524				55		
P	<i>Antrodiella semisupina</i>	(Berk. & M.A. Curtis) Ryvarden (1980)	KEW65		AY293167				68		
E	<i>Armillariella ostoyae</i>	(Romagn.) Herink (1973)	GEL4424		AJ406559				55		
E	<i>Armillaria tabescens</i>	(Scop.) Emel (1921)	D290		AF042593				2		
E	<i>Arrhenia auriscalpia</i>	(Fr.) Fr.	Lutzoni 930731-3		U66428				29		
E	<i>Arrhenia lobata</i>	(Pers.) Kühner & Lamoure ex Redhead (1984)	Lutzoni & Lamoure 910824-1		U66429				29		

Hy	<i>Asterodon ferruginosus</i>	(Schrad.) Pat. (1894)	Dai 3186		AF323735				62		
R	<i>Asterostroma andinum</i>	Pat. (1893)	HHB-8546-Sp.	AF518571	AF518600	AF518668	AF518701	66	66	66	66
R	<i>Asterostroma medium</i>	Bres. (1920)	CBS 119.50		AF323736				62		
R	<i>Asterostroma ochroleucum</i>	Bres. (1913)	HB 9/89		AF323737				62		
A	<i>Athelia arachnoidea</i>	(Berk.) Jülich (1972)	DNA 815	AF518572	AF518601	AF518669	AF518702	66	66	66	66
P	<i>Athelia arachnoidea</i>		GEL2529-1		AJ406484				55		
P	<i>Athelia epiphylla</i>	Pers. (1822)	HHB-8546-Sp.	AY293120	AY293168	AY293221	AY293250	68	68	68	68
A	<i>Athelia fibulata</i>	M.P. Christ. (1960)	GEL5292		AJ406485				55		
Au	<i>Auricularia auricularia-judae</i>	(Fr.) J. Schröt. (1888)	n/a	L22254		U27022	AF393090	11			
			GJW-855-10		L20278				22		
			FPL 11504							5	35
E	<i>Auriculariopsis ampla</i>	(Lév.) Maire (1902)	NH-1803-Spain		AY293169	AY293222	AY293251		68	68	68
P	<i>Auriporia aurea</i>	(Peck) Ryvarden (1973)	FPL-7026	AF334903	AF287846	AF334873	AF393091	4	1	4	35
R	<i>Auriscalpium vulgare</i>	Gray (1821)	DAOM 128994	AF026581	AF287847	U27024	AF393092	3	1	5	35
E	<i>Baeospora myosura</i>	(Fr.) Singer (1938)	GEL3962		AJ406560				55		
E	<i>Baeospora myriadophylla</i>	(Peck) Singer	DAOM 188774		AF042634				2		
T	<i>Bankera fuligineoalba</i>	(J.C. Schmidt) Coker & Beers ex Pouzar (1955)	DAOM 184178	AF287831	AF393046	AF287819	AF393093	1	35	1	35
Au	<i>Basidiodendron caesiocinereum</i>	(Höhn. & Litsch.) Luck-Allen (1963)	GEL5361		AJ406416				55		
Au	<i>Basidiodendron sp.</i>		GEL4674		AJ406415				55		
Hy	<i>Basidioradulum radula</i>	(Fr.) Nobles (1967)	FO-23507a	AF026611	AF518602	AF026653		3	66	3	
P	<i>Bjerkandera adusta</i>	(Willd.) P. Karst. (1880)	DAOM 215869	AF026592	AF287848	U27025	AF393094	3	1	5	35
E	<i>Bolbitius vitellinus</i>	(Pers.) Fr. (1838)	SAR 84/100		U11913				14		
			SAR84-100				AD001557				6
B	<i>Boletus retipes</i>	Berk. & M.A. Curtis (1872)	SAR		U11914				14		
B	<i>Boletus satanas</i>	Lenz (1831)	TDB-1000C	M94337	AF071528	M91009	AD001566	6	16	8	6
R	<i>Bondarzewia berkeleyi</i>	(Fr.) Bondartsev & Singer (1941)	DSH 93-190	AF026575		U27026	AF393095	3		5	35
			73BO		AF218563				23		
R	<i>Bondarzewia montana</i>	(Quél.) Singer (1940)	DAOM 415	U59063	AF042646	AF393082	AF393096	7	35	5	35
C	<i>Botryobasidium agg. candicans</i>		GEL2090		AJ406441				55		
C	<i>Botryobasidium candicans</i>	J. Erikss. (1958)	GEL3083		AJ406440				55		
C	<i>Botryobasidium isabellinum</i>	(Fr.) D.P. Rogers (1935)	GEL2108		AJ406438				55		
C	<i>Botryobasidium isabellinum</i>		GEL2109	AF026610	AF393047	AF393083	AF393097	3	35	35	35
C	<i>Botryobasidium sp.</i>		GEL4968		AJ406444				55		
C	<i>Botryobasidium sp.</i>		GEL5132		AJ406445				55		
C	<i>Botryobasidium subcoronatum</i>	(Höhn. & Litsch.) Donk (1931)	FCUG1286	AF026609	AF393048	AF026651	AF393098	3	35	3	35
C	<i>Botryobasidium subcoronatum</i>		GEL4673		AJ406442				55		
C	<i>Botryobasidium subcoronatum</i>		GEL5397		AJ406443				55		
C	<i>Botryobasidium vagum</i>	(Berk. & M.A. Curtis) D.P. Rogers (1935)	GEL4181		AJ406439				55		
Au	<i>Bourdotia sp.</i>		GEL4777		AJ406414				55		
E	<i>Bulbillomyces farinosus</i>	(Bres.) Jülich (1974)	FO24378		AJ406578				55		
P	<i>Byssomerulius sp.</i>		FO22261		AJ406534				55		

E	<i>Calathella mangrovei</i>	E.B.G. Jones & Agerer (1992)	1-30-01 Jones	AF426948	AF426954	AF426960		60	60	60	
Da	<i>Calocera cornea</i>	(Batsch) Fr. (1827)	FP-102602-Sp.	AY293121	AY293170			68	68		
B	<i>Calostoma cinnabarinum</i>	Corda (1809)	MSC 362913	AF093122	AF093123	AF093120	AF093121	13	13	13	13
E	<i>Calvatia gigantea</i>	(Batsch) Lloyd (1904)	DSH 96-032	AF026622	AF518603	AF026665		3	66	3	
E	<i>Campanella junghunii</i>	(Mont.) Singer (1945)	GEL4720		AJ406561				55		
E	<i>Campanella subdendrophora</i>	Redhead	DAOM 175393		AF042629				2		
P	<i>Candelabrochaete africana</i>	Boidin (1970)	FP-102987-Sp.	AF518573	AF518604	AF518670	AF518703	66	66	66	66
C	<i>Cantharellus cibarius</i>	Fr. (1821)	DSH 94-006	AF184176		AF185966		3		12	
			n/a		AJ271191				26		
			TDB-1427				AD001573				6
C	<i>Cantharellus tubaeformis</i>	(Bull.) Fr. (1821)	DSH 93-209	AF026636	AF287851	AF026678	AF393099	3	1	3	35
E	<i>Caulorhiza hygrophoroides</i>	(Peck) Halling (1983)	DAOM 172075		AF042640				2		
P	<i>Ceraceomyces eludens</i>	K.H. Larss. (1998)	JS22780		AF090877				44		
P	<i>Ceraceomyces microsporus</i>	K.H. Larss. (1998)	KHL8473		AF090875				44		
P	<i>Ceraceomyces serpens</i>	(Tode) Ginns (1976)	FP-102285-Sp.	AF518574	AF518606	AF518671		66	66	66	
C	<i>Ceratobasidium sp.</i>		GEL5602	AY293122	AY293171	AY293223	AY293252	68	68	68	68
Da	<i>Cerinomyces grandinioides</i>	McNabb (1964)	GEL4761		AJ406408				55		
P	<i>Ceriporia purpurea</i>	(Fr.) Donk (1971)	DAOM 21318	AF026594	AF287852	U27029	AF393100	3	1	5	35
P	<i>Ceriporia viridans</i>	(Berk. & Broome) Donk (1933)	FPL7440	AF334905	AF393049	AF393084	AF393101	4	35	35	35
P	<i>Ceriporiopsis gilvescens</i>	(Bres.) Domansky (1963)	AH 980718		AF347110				63		
P	<i>Ceriporiopsis subvermispora</i>	(Pilát) Gilb. & Ryvarden (1985)	FP90031-Sp.	AF334906	AF287853	AF334874	AF393102	4	1	4	35
E	<i>Chlorophyllum molybdites</i>	(G. Mey.) Massee (1898)	NY-EFM891		U85303	U85341			32	32	
E	<i>Chondrostereum pupureum</i>	(Pers.) Pouzar (1959)	CBS 427.72	AF082851				42			
			HHB-13334-Sp.		AF518607	AF518672	AF518704		66	66	66
B	<i>Chroogomphus vinicolor</i>	(Peck) O.K. Mill. (1964)	TDB-1010	M90822	AF071529	M91010	AD001578	8	8	8	6
E	<i>Chrysomphalina chrysophylla</i>	(Fr.) Cléménçon (1982)	RHP42170	AF184193		AF185978		12		12	
			S.A.R. 7700		U66430				29		
E	<i>Chrysomphalina grossula</i>	(Pers.) Norvell, Redhead & Ammirati (1994)	Gulden 417/75		U66444				29		
G	<i>Clavariadelphus ligula</i>	(Schaeff.) Donk (1933)	Farlow 21648	AF184183		AF185972		12		12	
			KHL 8560		AF347099				63		
G	<i>Clavariadelphus pistillaris</i>	(L.) Donk (1933)	TENN 37813	AF026639		AF026681		3		3	
			n/a		AJ279573				26		
R	<i>Clavicornona pyxidata</i>	(Pers.) Donk (1947)	CBS 535.90	AF026601	AY293172	U59099	AY293253	3	68	7	68
C	<i>Clavulina cinerea</i>	(Bull.) J. Schroet.	WTU JFA10798	AF184186		AF185974		12		12	
			33		AF518608				66		
P	<i>Climacocystis sp.</i>		KEW215		AF518609				66		
P	<i>Climacodon septentrionalis</i>	(Fr.) P. Karst. (1881)	DSH 93-187		AF518605				66		
			HHB-13438-sp.		AF518610	AF518673			66	66	
E	<i>Clitocybe clavipes</i>	(Pers.) P. Kumm. (1871)	JM96/22		AF042564				2		
E	<i>Clitocybe connata</i>	(Schumach.) Gillet (1874)	JM90c		AF042590				2		
E	<i>Clitocybe lateritia</i>	J. Favre (1955)	Lutzoni 930803-1		U66431				29		

E	<i>Clitocybe ramigena</i>	H.E. Bigelow (1982)	RV87/19		AF042648				2		
E	<i>Clitopilus prunulus</i>	(Scop.) Fr. (1871)	RV88/109		AF042645				2		
E	<i>Collybia dryophila</i>	(Bull.) P. Kumm. (1871)	RV83/180		AF042595				2		
E	<i>Collybia polyphylla</i>	(Peck) Singer ex Halling (1983)	RV182.01		AF042596				2		
Hy	<i>Coltricia montagnei</i>	(Fr.) Murrill (1920)	96-96		AY039683				65		
Hy	<i>Coltricia perennis</i>	(L.) Murrill (1903)	DSH 93-198	AF026583	AF287854	U27028	AF393103	3	1	5	35
E	<i>Conchomyces bursaeformis</i>	(Berk.) E. Horak (1981)	RV95/302		AF042603				2		
B	<i>Coniophora arida</i>	(Fr.) P. Karst. (1868)	MB-1823-sp	AY293123		AF518674		68		66	
			REG 373		AF098375				28		
			FP-104367-Sp.				AD001579				6
B	<i>Coniophora marmorata</i>	Desm. (1823)	REG 411		AF352038				56		
B	<i>Coniophora olivacea</i>	(Fr.) P. Karst. (1879)	REG 402		AF098376				28		
B	<i>Coniophora puteana</i>	(Schumach.) P. Karst. (1868)	FP-102430-Sp.	AY293124		AF518675		68		66	
			REG 410		AF098377				28		
			FP-102011				AD001580				6
E	<i>Conocybe rickenii</i>	(Jul. Schäff.) Kühner (1935)	J183		AF041546				15		
E	<i>Coprinellus bisporus</i>	(J.E. Lange) Vilgalys, Hopple & James E. Johnson (2001)	C148		AF041523				15		
E	<i>Coprinopsis atramentaria</i>	(Bull.) Redhead, Vilgalys & Moncalvo (2001)	C114		AF041484				15		
E	<i>Coprinopsis cinerea</i>	(Schaeff.) Redhead, Vilgalys & Moncalvo (2001)	n/a	M92991				34			
			C13		AF041494				15		
E	<i>Coprinopsis kimurae</i>	(Hongo & Aoki) Redhead, Vilgalys & Moncalvo (2001)	C78		AF041500				15		
E	<i>Coprinopsis (Coprinus) quadrifida</i>	Peck	RGT 930622/01		AF139945				19		
E	<i>Coprinopsis sp.</i>		C192	AF518575	AF041495	AF518676		66	15	66	
E	<i>Coprinus sterquilinus</i>	(Fr.) Fr. (1838)	C123		AF041530				15		
			VPI-GB505			U85367				32	
R	<i>Coronicium alboglaucum</i>	(Bourdote & Galzin) Jülich (1975)	GEL5058		AJ406487				55		
E	<i>Cortinarius bolaris</i>	(Pers.) Fr.	REG MB 96-086	AY293125	AY293173			68	68		
E	<i>Cortinarius iodes</i>	Berk. & M.A. Curtis	Moncalvo96/23	AF026633	AF042613	AF026675	AF393104	3	2	3	35
E	<i>Cortinarius sp.</i>		JM96/40		AF042614				2		
E	<i>Cortinarius stuntzii</i>	S.A. Rehner & Ammirati (1989)	SAR 85/358		U11917				14		
C	<i>Craterellus cornucopioides</i>	(L.) Pers. (1825)	DSH 96-003	AF184191		AF185977		12		12	
			n/a		AJ279572				26		
R	<i>Creolophus cirrhatus</i>	(Pers.) P. Karst. (1880)	GEL4351		AJ406495				55		
E	<i>Crepidotus dishonestus</i>	sensu NCL (1960)	MCA638		AF205704				61		
E	<i>Crepidotus mollis</i>	(Schaeff.) Staudé (1857)	OKM26279		AF205677				48		
E	<i>Crepidotus variabilis</i>	(Pers.) P. Kumm. (1871)	REG JE 5.3	AY293126	AY293174		AY293254	68	68		68
E	<i>Crinipellis campanella</i>	(Peck) Singer (1942)	DAOM 17785		AF042647				2		
E	<i>Crinipellis maxima</i>	A.H. Sm. & M.B. Walters (1943)	DAOM 196019		AF042630				2		
E	<i>Crucibulum laeve</i>	(Huds.) Kambly (1936)	DSH 96-02	AF026624		AF026667		3		3	
			REG Cru1		AF336246				50		

P	<i>Cryptoporus volvatus</i>	(Peck) Shear (1902)	DAOM 211791	AF334907	AF393050	U27031	AF393105	4	35	5	35
E	<i>Cyathus striatus</i>	(Huds.) Hoffm. (1801)	DSH 96-001	AF026617		AF026661		3		3	
			REG Cyst1		AF336247				50		
Hy	<i>Cyclomyces fuscus</i>	Fr. (1830)	CBS 100.106		AF385163				65		
Hy	<i>Cyclomyces tabacinus</i>	(Mont.) Pat. (1900)	CBS 311.39		AF385164				65		
E	<i>Cylindrobasidium laeve</i>	(Pers.) Chamuris (1984)	HHB-8633-T	AF518576	AF518611	AY293224	AF518705	66	66	68	66
	(= <i>Cylindrobasidium evolvens</i> )	(Fr.) Jülich (1974)	GEL5380		AJ406575				55		
E	<i>Cylindrobasidium</i> sp.		GEL5043		AJ406576				55		
R	<i>Cymatoderma caperatum</i>	(Berk. & Mont.) D.A. Reid (1956)	HHB-9974-Sp.	AF518577	AF518612	AF518677		66	66	66	
P	<i>Cyphella digitalis</i>	(Alb. & Schwein.) Fr. (1822)	T-617		AY293175	AY293225			68	68	
E	<i>Cyphellopsis anomala</i>	(Pers.) Donk (1931)	CBS151.79	AF426949	AF426955	AF426961	AF426966	60	60	60	60
			GEL4169		AJ406522				55		
E	<i>Cyphellopsis</i> sp.		GEL4873		AJ406523				55		
E	<i>Cyptotrampa asprata</i>	(Berk.) Redhead & Ginns (1980)	DAOM 157066		AF042642				2		
P	<i>Cystiodontia isabellina</i>	(Berk. & Broome) Hjortstam & Ryvarden (1985)	GEL4978		AJ406570				55		
E	<i>Cystolepiota cystidiosa</i>	(A.H. Sm.) Bon (1981)	MICH18884		U85298	U85365			32	32	
Da	<i>Dacrymyces chrysospermus</i>	Berk. & M.A. Curtis (1873)	UC 1475112	L22257				11			
			FPL11353		AF287855	AF026642	AF393106		1	3	35
Da	<i>Dacrymyces</i> sp.		GEL5083		AJ406412				55		
Da	<i>Dacrymyces stillatus</i>	Nees (1817)		L22258				11			
			GEL5264		AJ406405				55		
P	<i>Dacryobolus sudans</i>	(Alb. & Schwein.) Fr. (1849)	FP-150381	AY293127	AY293176	AY293226	AY293255	68	68	68	68
Da	<i>Dacryomitra pusilla</i>	Tul. & C. Tul. (1872)	FO38346		AJ406406				55		
Da	<i>Dacryopinax spathularia</i>	(Schwein.) G.W. Martin (1948)	GEL5052		AJ406407				55		
P	<i>Daedalea quercina</i>	(L.) Pers. (1821)	DAOM 142475	AF026600	AF518613	U27034		3	66	5	
P	<i>Daedaleopsis confragosa</i>	(Bolton) J. Schröt. (1888)	DSH 93-182	AF334908	AF393051		AF393107	4	35		35
			GEL3828			AF069637				18	
P	<i>Datronia mollis</i>	(Sommerf.) Donk (1966)	n/a	AF082669				41			
			DAOM 211792		AF393052	U27033	AF393108		35	5	35
?	<i>Deflexula subsimplex</i>	(Henn.) Corner (1952)	FO41017		AJ406572				55		
E	<i>Dendrocollybia racemosa</i>	(Pers.) R.H. Petersen & Redhead (2001)	DED5575		AF042598				2		
Co	<i>Dendrocorticium polygonioides</i>	(P. Karst.) M.J. Larsen & Gilb. (1974)	FO36469g		AJ406531				55		
Co	<i>Dendrocorticium roseocarneum</i>	(Schwein.) M.J. Larsen & Gilb. (1977)	FPL1800	AF334910	AF393053	AF334875	AF393109	4	35	4	35
P	<i>Dendrodontia</i> sp.		GEL4767		AJ406567				55		
E	<i>Dendrothele acerina</i>	(Pers.) P.A. Lemke (1965)	GEL5350		AJ406581				55		
R	<i>Dendrothele candida</i>	(Schwein.) P.A. Lemke (1965)	HHB-3843-Sp.		AY293177				68		
E	<i>Dendrothele griseocana</i>	(Bres.) Bourdot & Galzin (1913)	FP-101995-Sp.		AY293178				68		
P	<i>dendrotheloid</i> sp.		GEL4798		AJ406582				55		
R	<i>Dentipellis separans</i>	(Peck) Donk (1962)	CBS 538.90	AF334911	AF393054	AF334876	AF393110	4	35	4	35
P	<i>Dentocorticium sulphurellum</i>	(Peck) M.J. Larsen & Gilb. (1974)	FPL11801	AF026604	AF393055	AF026647	AF393111	3	35	3	35
E	<i>Dermocybe marylandensis</i>	Ammirati (1995)	JM96/24		AF042615				2		

R	<i>Dichostereum durum</i>	(Bourdot & Galzin) Pilát (1926)	CBS 707.81		AF323738				62			
R	<i>Dichostereum effuscatum</i>	(Cooke & Ellis) Boidin & Lanq. (1977)	CBS 516.80		AF323739				62			
R	<i>Dichostereum pallescens</i>	(Schwein.) Boidin & Lanq. (1977)	CBS 717.81	AF334912	AF518614	AF334877		4	66	4		
P	<i>Diplomitoporus lindbladii</i>	(Berk.) Gilb. & Ryvarden (1985)	KEW212	AY293128	AF518615			68	66			
Da	<i>Ditiola radicata</i>	(Alb. & Schwein.) Fr. (1823)	GEL4014		AJ406409				55			
R	<i>Echinodontium tinctorium</i>	(Ellis & Everh.) Ellis & Everh. (1900)	DAOM 16666	AF026578	AF393056	U27035	AF393112	3	35	5	35	
E	<i>Entoloma odorifer</i>	Hesler (1967)	TB 6366		AF518616	AF518678	AF518706		66	66	66	
E	<i>Entoloma strictius</i>	Peck	Moncalvo 96/10	AF287832	AF393057	AF287820	AF393113	1	35	1	35	
Au	<i>Exidia thuretiana</i>	(Lév.) Fr. (1874)	GEL5242		AJ406418				55			
Au	<i>Exidiopsis calcea</i>	(Pers.) K. Wells (1962)	HHB-15059-Sp.	AY293130	AY293180			68	68			
E	<i>Favolaschia intermedia</i> ssp. <i>saccharina</i>	(Pat.) Singer (1974)	L-13421-Sp.	AF426950	AF426956	AF426962	AF426967	60	60	60	60	
E	<i>Favolaschia</i> sp.		GEL4781		AJ406592				55			
E	<i>Favolaschia</i> sp.		GEL4835		AJ406591				55			
Da	<i>Femsjonina</i> sp.		FO28211		AJ406413				55			
Hy	<i>Fibricium rude</i>	(P. Karst.) Jülich (1974)	GEL2121		AJ406475				55			
E	<i>Fistulina antarctica</i>	Speg. (1887)	CBS 701.85	AY293131	AY293181	AY293227		68	68	68		
E	<i>Fistulina hepatica</i>	(Schaeff.) With. (1792)	DSH 93-183	AF026591	AY293182	U59070		3	68	5		
E	<i>Fistulina pallida</i>	Berk. & Ravenel (1872)	CBS 508.63	AY293132	AY293183	AY293228		68	68	68		
E	<i>Flagelloscypha minutissima</i>	(Burt) Donk (1951)	CBS 823.88	n/a	n/a		n/a	72	72		72	
E	<i>Flammulina velutipes</i>	(Curtis) Singer (1951)	SAR s.n.		AF042641				2			
P	<i>Fomes fomentarius</i>	(L.) J.J. Kickx (1867)	DAOM 129034	AF026574	AF287857	U27036	AF393114	3	1	5	35	
Hy	<i>Fomitiporia punctata</i>	(Fr.) Murrill (1947)	85-74		AF311007				51			
P	<i>Fomitopsis pinicola</i>	(Sw.) P. Karst. (1881)	DAOM 189134	AF026599	AF287858	U27038	AF393115	3	1	5	35	
Hy	<i>Fuscoporia contigua</i>	(Pers.) G. Cunn. (1948)	TW 699		AF311029				51			
Hy	<i>Fuscoporia ferrea</i>	(Pers.) G. Cunn. (1948)	87-8		AF311030				51			
Hy	<i>Fuscoporia ferruginosa</i>	(Schrad.) Murrill (1907)	82-930		AF311032				51			
Hy	<i>Fuscoporia torulosa</i>	(Pers.) T. Wagner & M. Fisch. (2001)	Pt 4		AF311041				51			
Co	<i>Galzinia incrustans</i>	(Höhn. & Litsch.) Parmasto (1965)	HHB-12952-Sp.	AF518578	AF518617	AF518679	AF518707	66	66	66	66	
P	<i>Ganoderma applanatum</i>	(Pers.) Pat. (1887)	GEL4206		AJ406526				55			
P	<i>Ganoderma australe</i>	(Fr.) Pat. (1890)	Moncalvo 0705	AF026629	X78780	AF026672	AF393116	3	20	3	35	
P	<i>Ganoderma lucidum</i>	(Curtis) P. Karst. (1881)	RZ		X78776				20			
			SAR s.n.			U27040					5	
G	<i>Gastrosporium simplex</i>	Mattir. (1903)	WÜ2768		AF518618				66			
G	<i>Gautieria otthii</i>	Trog	REG636	AF393043	AF336249	AF393085	AF393117	35	50	35	35	
G	<i>Geastrum saccatum</i>	Fr. (1829)	DSH 96-048	AF026620	AF287859	AF026685		3	1	3		
G	<i>Geastrum sessile</i>	(Sowerby) Pouzar (1971)	GEL5319		AJ406480				55			
P	<i>Gelatoporia pannocincta</i>	(Romell) Niemelä (1985)	FCUG 2109		AF141612				45			
E	<i>Gerronema strobodes</i>	(Berk. & Mont.) Singer (1962)	Kuyper 2984		U66433				29			
E	<i>Gerronema subclavatum</i>	(Peck) Singer ex Redhead (1987)	Redhead 5175		U66434				29			
R	<i>Gloeocystidiellum aculeatum</i>	Sheng H. Wu (1996)	n/a		AF265546				23			
R	<i>Gloeocystidiellum clavuligerum</i>	(Höhn. & Litsch.) Nakasone (1982)	JS16976		AF310084				64			

R	<i>Gloeocystidiellum leucoxanthum</i>	(Bres.) Boidin (1951)	CBS 454.86	AF026602	AF287860	AF026645	AF393118	3	1	3	35
R	<i>Gloeocystidiellum porosum</i>	(Berk. & M.A. Curtis) Donk (1931)	FCUG 2734		AF310101	AF334878			64	4	
R	<i>Gloeocystidiellum sp.</i>		NH12972		AF310090				64		
R	<i>Gloeocystidiellum sp.</i>		NH13258		AF310089				64		
GL	<i>Gloeophyllum odoratum</i>	(Wulfen) Imazeki (1943)	FO23521		AJ406545				55		
GL	<i>Gloeophyllum sepiarium</i>	(Wulfen) P. Karst. (1879)	DAOM 137861	AF026608	AF393059	U27041	AF393119	3	35	5	35
P	<i>Gloeophyllum trabeum</i>	(Pers.) Murrill (1908)	CFMR 617-R		AF139948				46		
P	<i>Gloeoporus taxicola</i>	(Pers.) Gilb. & Ryvarden (1985)	KEW213	AF334913	AF287861	AF334879	AF393120	4	1	4	35
E	<i>Gloeostereum incarnatum</i>	S. Ito & S. Imai (1933)	3332		AF141637				45		
E	<i>Gloiocephala aquatica</i>	Desjardin, Mart.-Peck & Rajchenb. (1995)	CIEFAP 50	n/a	n/a	n/a	n/a	72	72	72	72
E	<i>Gloiocephala menieri</i>	(Boud.) Singer (1960)	DAOM 170087		AF042632	n/a			2	72	
R	<i>Gloiodon strigosus</i>	(Sw.) P. Karst. (1880)	GEL5335I		AJ406496				55		
B	<i>Gomphidius glutinosus</i>	(Schaeff.) Fr. (1838)	TDB-953b	M90823	AF071530	M91011	AD001587	8	16	8	6
G	<i>Gomphus floccosus</i>	(Schwein.) Singer (1945)	DSH 94-002	AF026637	AF287862	AF026679	AF393121	3	1	3	35
P	<i>Grammothele fuligo</i>	(Berk. & Broome) Ryvarden (1979)	GEL5391		AJ406506				55		
P	<i>Grifola frondosa</i>	(Dicks.) Gray (1821)	CBS 480.63	AF334914	AF287863	AF334880		4	1	4	
Da	<i>Guepinia spathularia</i>	(Schwein.) Fr. (1828)	FO45821		AJ406411				55		
E	<i>Halocyphina villosa</i>	Kohlm. & E. Kohlm. (1965)	IFO32086	AF426951	AF426957	AF426963	AF426968	60	60	60	60
P	<i>Hapalopilus nidulans</i>	(Fr.) P. Karst. (1881)	KEW211	AY293133	AY293184			68	68		
E	<i>Hebeloma crustuliniforme</i>	(Bull.) Qué. (1872)	SAR 87/408		U11918				14		
			TRH277				AD001592				6
GL	<i>Heliocybe sulcata</i>	(Berk.) Redhead & Ginns (1985)	D.797	AF334915	AF518619	AF334881		4	66	4	
E	<i>Henningsomyces candidus</i>	(Pers.) Kuntze (1893)	T-156	AF334916	AF287864	AF334882	AF334749	4	1	4	49
R	<i>Hericium coralloides</i>	(Scop.) Pers. (1794)	CBS 447.85	AF171093				30			
			DSH 93-189		AF287865	U27043	AF393122		1	5	35
R	<i>Hericium erinaceus</i>	(Bull.) Pers. (1797)	48001	AF146778				31			
			FO23203		AJ406494				55		
R	<i>Heterobasidion annosum</i>	(Fr.) Bref. (1888)	DAOM 73191	AF026576		U27042		3		5	
			RGT 931030/23		AF139949				46		
			KV-340				AD001593				6
Au	<i>Heterochaete sp.</i>		GEL4813		AJ406419				55		
E	<i>Hohenbuehelia sp.</i>		RV95/214		AF042601				2		
E	<i>Hohenbuehelia tristis</i>	G. Stev. (1964)	n/a		AF135171				19		
E	<i>Humidicutis marginata</i>	(Peck) Singer (1959)	Moncalvo96/32	AF287833	AF393060	AF287821	AF393123	1	35	1	35
T	<i>Hydnellum sp.</i>		DSH 96-008	AF026626	AF287867	AF026669		3	1	3	
Hy	<i>Hydnochaete duportii</i>	Pat. (1915)	CBS 941.96		AF323740				62		
Hy	<i>Hydnochaete japonica</i>	Lloyd (1916)	CBS 499.76		AF385153				65		
Hy	<i>Hydnochaete olivacea</i>	(Schwein.) Banker (1914)	CLA 02-003	AY293134	AY293185	AY293229		68	68	68	
B	<i>Hydnomerulius pinastri</i>	(Fr.) Jarosch & Besl (2001)	REG 412		AF352044				56		
C	<i>Hydnum albidum</i>	Peck (1887)	MB11-6024/2	AY293135	AY293186		AY293256	68	68		68
C	<i>Hydnum repandum</i>	L. (1753)	DSH 97-320	AF026641		AF026683	AF393124	3		3	35

			Sichuan		AJ279576				26		
C	<i>Hydnum rufescens</i>	Schaeff. (1774)	MB18-6024/1	AY293136	AY293187		AY293257	68	68		68
E	<i>Hydropus scabripes</i>	(Murrill) Singer (1962)	DAOM 192847		AF042635				2		
E	<i>Hygrocybe citrinopallida</i>	(A.H. Sm. & Hesler) Kobayasi (1971)	Lutzoni 930731-1		U66435				29		
E	<i>Hygrophorus bakerensis</i>	A.H. Sm. & Hesler (1942)	SAR s.n		AF042623				2		
E	<i>Hygrophorus sordidus</i>	Peck	RV94/178	AF287834	AF042562	AF287822		1	2	1	
			TDB-727				AD001597				6
Hy	<i>Hymenochaete acanthophysata</i>	J.C. Léger (1981)	CBS 925.96		AF385144				65		
Hy	<i>Hymenochaete adusta</i>	(Lév.) Har. & Pat. (1903)	TAA 95-37		AF385161				65		
Hy	<i>Hymenochaete berteroi</i>	Pat. (1894)	CBS 733.86		AF385160				65		
Hy	<i>Hymenochaete boidinii</i>	J.C. Léger & Lanq. (1989)	CBS 762.91		AF385159				65		
Hy	<i>Hymenochaete carpatica</i>	Pilát (1930)	TW 27.9.97		AF385158				65		
Hy	<i>Hymenochaete cervinoidea</i>	J.C. Léger & Lanq. (1987)	CBS 736.86		AF385157				65		
Hy	<i>Hymenochaete cinnamomea</i>	(Pers.) Bres. (1897)	LK 27.9.97		AF385156				65		
Hy	<i>Hymenochaete corrugata</i>	(Fr.) Lév. (1846)	FP-104124-Sp.	AF518579	AF518620	AF518680		66	66	66	
Hy	<i>Hymenochaete cruenta</i>	(Pers.) Donk (1959)	HB 149/80		AF385152				65		
Hy	<i>Hymenochaete denticulata</i>	J.C. Léger & Lanq. (1992)	CBS 780.91		AF385155				65		
Hy	<i>Hymenochaete fuliginosa</i>	(Pers.) Lév. (1846)	CBS 933.96		AF385154				65		
Hy	<i>Hymenochaete nanospora</i>	J.C. Léger (1983)	CBS 924.96		AF385151				65		
Hy	<i>Hymenochaete ochromarginata</i>	P.H.B. Talbot (1948)	CBS 928.96		AF385150				65		
Hy	<i>Hymenochaete pinnatifida</i>	Burt (1918)	CBS 770.91		AF385149				65		
Hy	<i>Hymenochaete pseudoadusta</i>	J.C. Léger & Lanq. (1992)	TAA 95-38		AF385148				65		
Hy	<i>Hymenochaete rhabarbarina</i>	(Berk.) Cooke (1879)	GEL4809		AJ406468				55		
Hy	<i>Hymenochaete rubiginosa</i>	(Dicks.) Lév. (1846)	TW 22.9.97		AF323741				62		
Hy	<i>Hymenochaete separabilis</i>	J.C. Léger (1981)	CBS 738.86		AF385146				65		
Hy	<i>Hymenochaete separata</i>	G. Cunn. (1957)	TAA 95-24		AF385147				65		
P	<i>Hyphoderma definitum</i>	(H.S. Jacks.) Donk (1957)	GEL2898		AJ406509				55		
P	<i>Hyphoderma nudicephalum</i>	Gilb. & M. Blackw. (1988)	GEL4727		AJ406510				55		
A	<i>Hyphoderma praetermissum</i>	(P. Karst.) J. Erikss. & Å. Strid (1975)	L-16187-sp.	AF518580	AF518621	AF518681	AF518708	66	66	66	66
P	<i>Hyphoderma setigerum</i>	(Fr.) Donk (1957)	GEL4001		AJ406511				55		
Hy	<i>Hyphodontia aff. breviseta</i>		GEL4214		AJ406456				55		
Hy	<i>Hyphodontia alutacea</i>	(Fr.) J. Erikss. (1958)	GEL2937		AJ406453				55		
Hy	<i>Hyphodontia alutaria</i>	(Burt) J. Erikss. (1958)	GEL2071	AF026615	AF393061	AF026660	AF393125	3	35	3	35
			GEL4553		AJ406454				55		
Hy	<i>Hyphodontia aspera</i>	(Fr.) J. Erikss. (1958)	GEL2135		AJ406458				55		
Hy	<i>Hyphodontia cineracea</i>	(Bourdot & Galzin) J. Erikss. & Ryvarden (1976)	GEL4875		AJ406450				55		
Hy	<i>Hyphodontia crustosa</i>	(Pers.) J. Erikss. (1958)	GEL5360		AJ406459				55		
Tr	<i>Hyphodontia gossypina</i>	(Parmasto) Hjortstam (1990)	GEL5042		AJ406421				55		
Hy	<i>Hyphodontia nespori</i>	(Bres.) J. Erikss. & Hjortstam (1976)	GEL4190		AJ406457				55		
Hy	<i>Hyphodontia niemelaei</i>	Sheng H. Wu (1990)	GEL5068		AJ406462				55		
Hy	<i>Hyphodontia nudiseta</i>	Warcup & P.H.B. Talbot (1963)	GEL5302		AJ406460				55		

Hy	<i>Hyphodontia pallidula</i>	(Bres.) J. Erikss. (1958)	GEL4533		AJ406594				55			
Hy	<i>Hyphodontia palmae</i>	(Rick) ex Langer (1994)	GEL3456		AJ406451				55			
Hy	<i>Hyphodontia sambuci</i>	(Pers.) J. Erikss. (1958)	GEL2414		AJ406461				55			
Hy	<i>Hyphodontia serpentiformis</i>	Langer (1992)	GEL3307		AJ406465				55			
E	<i>Hypholoma sublateritium</i>	(Cooke) Sacc. (1873)	JM96/20		AF042569				2			
E	<i>Hypholoma subviride</i>	(Berk. & M.A. Curtis) Dennis (1961)	JJ69		AF042570				2			
P	<i>Hypochnicium eichleri</i>	(Bres.) J. Erikss. & Ryvarden (1976)	GEL3137		AJ406508				55			
P	<i>Hypochnicium geogenium</i>	(Bres.) J. Erikss. (1958)	GEL4081		AJ406507				55			
P	<i>Hypochnicium polonense</i>	(Bres.) Å. Strid (1975)	GEL4428		AJ406546				55			
P	<i>Hypochnicium sp.</i>		GEL4741		AJ406512				55			
E	<i>Hypsizygus ulmarius</i>	(Bull.) Redhead (1984)	JM/HW		AF042584				2			
G	<i>Hysterangium stoloniferum</i>	Tul. & C. Tul.	WÜ3706		AF336259		AY293258		50		68	
E	<i>Inocybe cervicolor</i>	(Pers.) Quél. (1886)	EL 27-99		AF347101				63			
E	<i>Inocybe geophylla</i>	(Sowerby) Quél. (1871)	JM96/25	AF287835	AF042616		AF518709	1	2		66	
E	<i>Inocybe sp.</i>		RV7/4	AF287836	AF518622	AF287823	AF156920	1	66	1		
Hy	<i>Inonotus hispidus</i>	(Bolton) P. Karst. (1880)	FPL-3597	AF026584	AF518623	U27044		3	66	5		
J	<i>Jaapia argillacea</i>	Bres. (1911)	REG 425	AF518581	AF518624	AF518682	AF518710	66	66	66	66	
P	<i>Junghuhnia nitida</i>	(Pers.) Ryvarden (1972)	SR94090307	AF082685				41				
			FO24179a		AJ406528				55			
P	<i>Junghuhnia subundata</i>	(Murrill) Ryvarden	LR-38938	AF518582	AF518625	AF518683	AF518711	66	66	66	66	
G	<i>Kavinia himantia</i>	(Schwein.) J. Erikss. (1958)	FP-101479	AY293138	AY293190	AY293231	AY293259	68	68	68	68	
E	<i>Kuehneromyces mutabilis</i>	(Schaeff.) Singer & A.H. Sm. (1946)	DSM1684		AF042619				2			
E	<i>Laccaria amethystea</i>	(Bull.) Murrill (1914)	DSH s.n.	AF287837	AF393062	AF287824	AF393126	1	35	1	35	
E	<i>Laccaria bicolor</i>	(Maire) P.D. Orton (1960)	JM96/19		AF042588	AF518684			2	66		
			Saint-Brisson 247				AF079306				24	
E	<i>Laccaria pumila</i>	Fayod (1893)	DSH s.n.	AF287838	AF287869	AF287825	AF393127	1	1	1	35	
E	<i>Lachnella villosa</i>	(Pers.) Gillet (1881)	FO25147		AJ406562				55			
E	<i>Lacrymaria velutina</i>	(Pers.) Konrad & Maubl. (1925)	J100		AF041534				15			
R	<i>Lactarius corrugis</i>	Peck	RV 88/61		U11919				14			
R	<i>Lactarius volemus</i>	(Fr.) Fr. (1838)	RV95/150		AF042574				2			
			TDB-1225				AD001604				6	
P	<i>Laetiporus sulphureus</i>	(Bull.) Bondartsev & Singer (1941)	DSH 93-194	AF026597	AF287870	U27049	AF393128	3	1	5	35	
Co	<i>Laetisaria fuciformis</i>	(McAlpine) Burds. (1979)	NJ-2 Jackson	AY293139	AY293192	AY293232	AY293260	68	68	68	68	
E	<i>Lampteromyces japonicus</i>	(Kawam.) Singer (1947)	JMlegMURAKAMI		AF135172				19			
R	<i>Laurilia sulcata</i>	(Burt) Pouzar (1959)	CBS 365.49	AF334918	AF518626		AF518712	4	66		66	
R	<i>Laxitextum bicolor</i>	(Pers.) Lentz (1956)	CBS 284.73	AF026605	AF287871	AF026648	AF393129	3	1	3	35	
?	<i>Lentaria albobinacea</i>	Pilát	GEL5388		AJ406552				55			
G	<i>Lentaria michneri</i>	(Berk. & M.A. Curtis) Corner (1950)	RV98/147		AF261546				61			
R	<i>Lentinellus montanus</i>	O.K. Mill. (1965)	VT242	U59076	AY293193			7	68			
R	<i>Lentinellus omphalodes</i>	(Fr.) P. Karst. (1879)	DSH 96-007	AF026579	AY293194	U27048	AY293261	3	68	5	68	
R	<i>Lentinellus vulpinus</i>	(Sowerby) Kühner & Maire (1934)	KGN 980825		AF347097				63			

E	<i>Lentinula edodes</i>	(Berk.) Pegler (1976)	BH94101510	AF082686				41			
			ATCC 42962		AF042579				2		
E	<i>Lentinula lateritia</i>	(Berk.) Pegler (1983)	DSH 92-143	AF026596	AF287872	U27047		3	1	5	
P	<i>Lentinus tigrinus</i>	(Bull.) Fr. (1825)	DSH 93-181	U59080	AF518627	U27050		7	66	5	
P	<i>Lenzites betulina</i>	(L.) Fr. (1838)	DAOM 180504	AF334919	AF393063	U27045	AF393130	4	35	5	35
E	<i>Lepiota acutesquamosa</i>	(Weinm.) P. Kumm. (1871)	DUKE-JJ177		U85293	U85360			32	32	
E	<i>Lepiota clypeolaria</i>	(Bull.) Quél. (1871)	VPI-OKM22029		U85291	U85358			32	32	
E	<i>Lepiota cristata</i>	(Alb. & Schwein.) Quél. (1871)	DA-45a	AB025358				36			
			DUKE1582		U85292	U85359			32	32	
E	<i>Lepiota procera</i>	(Scop.) Gray (1821)	n/a	L36659				10			
			DSH 96-038		AF518628	AF026657			66	3	
P	<i>Leptoporus mollis</i>	(Pers.) Quél. (1886)	KEW122	AY293140	AY293195			68	68		
E	<i>Leucoagaricus naucinus</i>	(Fr.) Singer (1951)	VPI-OKM15134		U85280	U85347			32	32	
E	<i>Leucoagaricus rubrotinctus</i>	(Beeli) Singer (1948)	DUKE-JJ100		U85281	U85348			32	32	
E	<i>Leucocoprinus cepaestipes</i>	(Sowerby) Pat. (1889)	NY-EFM518		U85306	U85353			32	32	
E	<i>Leucocoprinus fragilissimus</i>	(Berk. & M.A. Curtis) Pat. (1900)	DUKE-JJ84		U85289	U85356			32	32	
B	<i>Leucogyrophana arizonica</i>	Ginns (1978)	REG 404		AF098380				28		
B	<i>Leucogyrophana mollusca</i>	(Fr.) Pouzar (1958)	REG 447		AF098381				28		
B	<i>Leucogyrophana olivascens</i>	(Berk. & M.A. Curtis) Ginns & Weresub (1976)	REG 397		AF167678				39		
B	<i>Leucogyrophana pulverulenta</i>	(Sowerby) Ginns (1978)	REG 819		AF352045				56		
B	<i>Leucogyrophana romellii</i>	Ginns (1978)	REG 401		AF098382				28		
E	<i>Limacella glioderma</i>	(Fr.) Maire (1924)	VT(L18)		AF261438				61		
E	<i>Limacella glischra</i>	(Morgan) Earle	VPI-GB505		U85301	AF159083			32	33	
E	<i>Limnoperdon incarnatum</i>	G.A. Escobar (1976)	IFO30398	AF426952	AF426958	AF426964	AF426969	60	60	60	60
P	<i>Lindtneria trachyspora</i>	(Bourdot & Galzin) Pilát (1938)	CBS 290.85	AF518583	AF518629	AF518685	AF518713	66	66	66	66
E	<i>Lopharia mirabilis</i>	(Berk. & Broome) Pat. (1895)	FRI 330-T	AY293141	AY293196	AY293233		68	68	68	
E	<i>Lycoperdon perlatum</i>	Pers. (1796)	DSH 96-047		AF518630	AF518686	AF518714		66	66	66
E	<i>Lycoperdon sp.</i>		DSH 96-054	AF026619	AF287873	AF026663	AF393131	3	1	3	35
E	<i>Lyophyllum decastes</i>	(Fr.) Singer (1951)	JM 87/16		AF042583				2		
E	<i>Macrolepiota procera</i>	(Scop.) Singer (1948)	DUKE-JJ168		U85304	U85342			32	32	
E	<i>Macrolepiota rachodes</i>	(Vittad.) Singer (1951)	VPI-OKM19588		U85277	U85344			32	32	
E	<i>Macrotyphula cf. juncea</i>	(Alb. & Schwein.) Berthier (1974)	MIN DM-975	AF184201	AF518631	AF185984		12	66	12	
E	<i>Marasmiellus ramealis</i>	(Bull.) Singer (1946)	DED3973		AF042626				2		
E	<i>Marasmius alliaceus</i>	(Jacq.) Fr. (1874)	GEL4610		AJ406587				55		
E	<i>Marasmius capillaris</i>	Morgan	DED4345		AF042631				2		
E	<i>Marasmius delectans</i>	Morgan	DED 89/62		U11922				14		
Co	<i>Marchandiomyces aurantiacus</i>	(Lasch) Diederich & Etayo (1996)	CBS 718.97	AF289661	n/a	n/a		69	58	58	
Co	<i>Marchandiomyces corallinus</i>	(Roberge) Diederich & D. Hawksw. (1990)	ATCC200796	AF289660	n/a	n/a		69	58	58	
Co	<i>Marchandiomyces lignicola</i>	Lawrey & Diederich	n/a	n/a	n/a	n/a		58	58	58	
Hy	<i>Mensularia hastifera</i>	(Pouzar) T. Wagner & M. Fisch. (2001)	84-1023a		AF311013				51		
P	<i>Meripilus giganteus</i>	(Pers.) P. Karst. (1882)	DSH 93-193	U59082	AF287874	U27053	AY293262	3	1	5	68

E	<i>Merismodes fasciculata</i>	(Schwein.) Earle (1909)	HHB-11894	n/a	n/a	n/a		72	72	72	
E	<i>Micromphale perforans</i>	(Hoffm.) Gray (1821)	RV83/67		AF042628				2		
E	<i>Montagnea arenaria</i>	(DC.) Zeller (1943)	J117		AF041538				15		
C	<i>Multiclavula mucida</i>	(Pers.) R.H. Petersen (1967)	DSH 96-056	AF026613	AF287875	AF026659		3	1	5	
E	<i>Mycena clavicularis</i>	(Fr.) Gillet (1874)	RV87/6		AF042637				2		
E	<i>Mycena flavoalba</i>	(Fr.) Quél. (1872)	GEL4649		AJ406589				55		
E	<i>Mycena haematopoda</i>	(Pers.) P. Kumm. (1871)	GEL3777		AJ406590				55		
E	<i>Mycena rutilanthiformis</i>	(Murr.) Murr.	JM96/26		AF042606				2		
P	<i>Mycoacia aff. fuscoatra</i>	(Fr.) Donk (1931)	GEL5166		AJ406505				55		
P	<i>Mycoacia aurea</i>	(Fr.) J. Erikss. & Ryvarden (1976)	GEL5339		AJ406535				55		
GL	<i>Neolentinus dactyloides</i>	(Cleland) Redhead & Ginns (1985)	E5252A		AF135174				19		
P	<i>Neolentiporus maculatissimus</i>	(Lloyd) Rajchenb. (1995)	Rajchenberg 158	AF334921	AF518632	AF334884		4	66	4	
E	<i>Neonothopanus nambi</i>	(Speg.) R.H. Petersen & Krisai (1999)	RVPR27		AF135175				19		
E	<i>Nia vibrissa</i>	R.T. Moore & Meyers (1961)	REG M200	AF334754	AF334750	AF334753	AF334748	49	49	49	49
P	<i>Oligoporus balsameus</i>	(Peck) Gilb. & Ryvarden (1985)	KEW35	AY293151	AF518640	AF518689	AF518720	68	66	66	66
P	<i>Oligoporus lacteus</i>	(Fr.) Gilb. & Ryvarden (1985)	KEW55	AY293152	AY293205	AY293241	AY293267	68	68	68	68
P	<i>Oligoporus leucomalleus</i>	(Murrill) Gilb. & Ryvarden (1985)	KEW29	AF334932	AF393072	AF334889	AF393144	4	35	4	35
P	<i>Oligoporus placentus</i>	(Fr.) Gilb. & Ryvarden (1985)	CFMR 698		AF139970				46		
P	<i>Oligoporus rennyi</i>	(Berk. & Broome) Donk (1971)	KEW 57	AF334922	AF287876	AF334885	AF393132	4	1	4	35
E	<i>Omphalotus nidiformis</i>	(Berk.) O.K. Mill. (1994)	T1946.8		AF042621				2		
Hy	<i>Onnia triquetra</i>	(Pers.) Imazeki (1955)	TW 411		AF311024				51		
E	<i>Ossicaulis lignatilis</i>	(Pers.) Redhead & Ginns (1985)	DUKE483	AF334923	AF042625	AF334886		4	2	4	
E	<i>Oudemansiella mucida</i>	(Schrad.) Höhn. (1910)	GEL4363		AJ406554				55		
Hy	<i>Oxyporus populinus</i>	(Schumach.) Donk (1933)	FO35584		AJ406467				55		
E	<i>Panaeolina foenisecii</i>	(Pers.) Maire (1933)	J152		AF041537				15		
E	<i>Panaeolus acuminatus</i>	(Schaeff.) Quél. (1874)	J129		AF041535				15		
E	<i>Panellus ringens</i>	(Fr.) Romagn. (1945)	S. Jacobsson s.n.		AF347100				63		
E	<i>Panellus serotinus</i>	(Schrad.) J.G. Kühn (1950)	DSH 93-218	AF026590	AF518633	U27067		3	66	5	
E	<i>Panellus stipticus</i>	(Bull.) P. Karst. (1879)	DSH 93-213	AF026589	AF518634	U27069		3	66	5	
P	<i>Panus rudis</i>	Fr. (1838)	DSH 92-139	AF026569	AF287878	AF026644	AF393133	3	1	3	35
B	<i>Paragyrodon sphaerosporus</i>	(Peck) Singer (1942)	TDB-420	M90826	AF071531	M91014	AD001613	8	16	8	6
E	<i>Parasola nudiceps</i>	(P.D. Orton) Redhead, Vilgalys & Hopple (2001)	C159		AF041517				15		
P	<i>Parmastomyces transmutans</i>	(Overh.) Ryvarden & Gilb. (1984)	L-14910-Sp.	AY293143	AF518635			68	66		
B	<i>Paxillus filamentosus</i>	Fr. (1838)	REG 304		AF098384				28		
			UME-25835				AF114465				25
R	<i>Peniophora nuda</i>	(Fr.) Bres. (1897)	FPL4756	AF026586	AF287880	U27063	AF393134	3	1	5	35
P	<i>Peniophora sp.</i>		GEL4884		AJ406568				55		
P	<i>Perenniporia medulla-panis</i>	(Jacq.) Donk (1942)	CBS 457.48	AF334924	AF287881	AF334887		4	1	4	
P	<i>Phaeolus schweinitzii</i>	(Fr.) Pat. (1900)	DSH 93-196	AF026598	AF287882	U27066		3	1	5	
P	<i>Phanerochaete chrysorhiza</i>	(Torrend) Budington & Gilb. (1973)	T-484		AF139967				19		
P	<i>Phanerochaete chrysosporium</i>	Burds. (1974)	FPL-5175	AF026593	AF287883	U27058	AF518715	3	1	5	66

P	<i>Phanerochaete sanguinea</i>	(Fr.) Pouzar (1973)	FO25062a		AJ406533					55		
P	<i>Phanerochaete sordida</i>	(P. Karst.) J. Erikss. & Ryvarden (1978)	GEL4160		AJ406532					55		
Hy	<i>Phellinidium ferrugineofuscum</i>	(P. Karst.) Fiasson & Niemelä (1984)	TN 6121		AF311031					51		
Hy	<i>Phellinus conchatus</i>	(Pers.) Quél. (1886)	89-1014		AF311028					51		
Hy	<i>Phellinus gilvus</i>	(Schwein.) Pat. (1906)	FPL-5528	AF334925	AF518636	U27060	AF518716	4	66	5	66	
Hy	<i>Phellinus igniarius</i>	(L.) Quél. (1886)	FPL-5599	AF026614	AF287884	U27061	AF393135	3	1	5	35	
Hy	<i>Phellinus laevigatus</i>	(Fr.) Bourdot & Galzin (1928)	TN 3260		AF311034					51		
Hy	<i>Phellinus lundellii</i>	Niemelä (1972)	TN 5760		AF311035					51		
Hy	<i>Phellinus ribis</i>	(Schumach.) Quél. (1886)	FPL-10677	AF334926	AF518638	U27065		4	66	5		
T	<i>Phellodon tomentosus</i>	(L.) Banker (1906)	BG Thesis	AF518584	AF518637		AF518717	66	66		66	
Hy	<i>Phellogilus nigrolimitatus</i>	(Romell) Niemelä, T. Wagner & M. Fisch. (2001)	85-823		AF311036					51		
P	<i>Phlebia acerina</i>	Peck (1889)	FCUG 568		AF141615					45		
P	<i>Phlebia albomellea</i>	(Bondartsev) Nakasone (1996)	CBS 275.92	AY293144	AY293198	AY293235	AY293264	68	68	68	68	
P	<i>Phlebia bresadolae</i>	Parmasto (1967)	FCUG 1242		AF141617					45		
P	<i>Phlebia centrifuga</i>	P. Karst. (1881)	FCUG 2396		AF141618					45		
P	<i>Phlebia chrysocreas</i>	(Berk. & M.A. Curtis) Burds. (1965)	FPL-6080	AY293145	AY293199	AY293236		68	68	68		
P	<i>Phlebia deflectens</i>	(P. Karst.) Ryvarden (1971)	FCUG 1568		AF141619					45		
P	<i>Phlebia griseoflavescens</i>	(Litsch.) J. Erikss. & Hjortstam (1981)	FCUG 1907		AF141620					45		
P	<i>Phlebia lilascens</i>	(Bourdot) J. Erikss. & Hjortstam (1981)	FCUG 1801		AF141621					45		
P	<i>Phlebia lindtneri</i>	(Pilát) Parmasto (1975)	FCUG 2413		AF141623					45		
P	<i>Phlebia livida</i>	(Pers.) Bres. (1897)	FCUG 2189		AF141624					45		
P	<i>Phlebia nitidula</i>	(P. Karst.) Ryvarden (1971)	FCUG 2028		AF141625					45		
P	<i>Phlebia queletii</i>	(Bourdot & Galzin) M.P. Christ. (1960)	FCUG 722		AF141626					45		
P	<i>Phlebia radiata</i>	Fr. (1821)	FPL6140	AF026606	AF287885	AF026649	AF393136	3	1	3	35	
P	<i>Phlebia rufa</i>	(Pers.) M.P. Christ. (1960)	FCUG 2397		AF141628					45		
P	<i>Phlebia sp.</i>		GEL4492		AJ406517					55		
P	<i>Phlebia subochracea</i>	(Bres.) J. Erikss. & Ryvarden (1976)	FCUG 1161		AF141630					45		
P	<i>Phlebia subserialis</i>	(Bourdot & Galzin) Donk (1957)	FCUG 1434		AF141631					45		
P	<i>Phlebia tremellosa</i>	(Schrad.) Nakasone & Burds. (1984)	FPL-4294		AY293200	AF334888		68	4			
P	<i>Phlebia uda</i>	(Fr.) Nakasone (1997)	FCUG 2452		AF141614					45		
?	<i>Phlebiella sp.</i>		GEL4684		AJ406516					55		
P	<i>Phlebiopsis gigantea</i>	(Fr.) Jülich (1978)	FCUG 1417	AF518585		AF518687	AF518718	66		66	66	
			FP-101815-Sp.		AF141634					45		
E	<i>Pholiota squarrosoides</i>	(Peck) Sacc.	JJ7		AF042568					2		
B	<i>Phylloporus rhodoxanthus</i>	(Schwein.) Bres. (1900)	SAR 89/457	M90825	U11925	M91013	AD001618	8	14	8	6	
E	<i>Phyllotopsis nidulans</i>	(Pers.) Singer (1936)	RV96/1		AF042578					2		
E	<i>Physalacria bambusae</i>	Höhn. (1909)	CBS 712.83	n/a	n/a	n/a	n/a	72	72	72	72	
P	<i>Physalacria inflata</i>	Peck	HHB-13443-Sp.	AY293146	AY293201	AY293237	AY293265	68	68	68	68	
E	<i>Physalacria maipoensis</i>	Inderb. & Desjardin (1999)	2373Inderbitzin	AF426953	AF426959	AF426965	AF426970	60	60	60	60	
E	<i>Physalacria sp.</i>		GEL5189		AJ406593					55		
P	<i>Physisporinus sanguinolentus</i>	(Alb. & Schwein.) Pilát (1940)	GEL4449		AJ406549					55		

P	<i>Piptoporus betulinus</i>	(Bull.) P. Karst. (1881)	DSH 93-186	AF334927	AF287886	U27056		4	1	5	
C	<i>Piriformospora indica</i>	Sav. Verma, Aj. Varma, Rexer, G. Kost & P. Franken (1998)	DSM 11827	AY293147	AY293202	AY293238		68	68	68	
E	<i>Pleurocybella porrigens</i>	(Pers.) Singer (1947)	OKM19644		AF042594				2		
E	<i>Pleurotopsis longinqua</i>	(Berk.) E. Horak (1983)	RV95/473		AF042604				2		
E	<i>Pleurotus abieticola</i>	R.H. Petersen & K.W. Hughes (1997)	RHP6551.1		AF135176				19		
E	<i>Pleurotus calyptratus</i>	(Lindblad) Sacc. (1887)	D1839		AF135177				19		
E	<i>Pleurotus cornucopiae</i>	(Paulet) Rolland (1910)	D383		U04146				52		
E	<i>Pleurotus cystidiosus</i>	O.K. Mill. (1969)	D420		U04149				52		
E	<i>Pleurotus djamor</i>	(Rumph. ex Fr.) Boedijn (1959)	D1847		U04139				52		
E	<i>Pleurotus dryinus</i>	(Pers.) P. Kumm. (1871)	F91/1116		AF135178				19		
E	<i>Pleurotus eryngii</i>	(DC.) Gillet	D643		U04155				52		
E	<i>Pleurotus fossulatus</i>	Cooke	D1822		U04137				52		
E	<i>Pleurotus ostreatus</i>	(Jacq.) Quél. (1871)	n/a	U23544				9			
			D850		U04160				52		
			DSH 93-214			U27064	AF393137			5	35
E	<i>Pleurotus populinus</i>	O. Hilber & O.K. Mill. ex O. Hilber (1997)	D765		U04159				52		
E	<i>Pleurotus pulmonarius</i>	(Fr.) Quél. (1872)	D700		U04157				52		
E	<i>Pleurotus purpureo-olivaceus</i>	(G. Stev.) Segedin, P.K. Buchanan & J.P. Wilkie (1995)	RV95/486		AF135179				19		
E	<i>Pleurotus smithii</i>	Guzmán (1975)	D478		U04150				52		
E	<i>Pleurotus tuberregium</i>	(Rumph. ex Fr.) Singer (1951)	DSH 92-155	U59091	AF393064	U27071	AF393138	4	35	5	35
?	<i>Plicaturopsis crispa</i>	(Pers.) D.A. Reid (1964)	FP-101310-Sp.	AY293148	AY293203	AY293239	AY293266	68	68	68	68
E	<i>Pluteus primus</i>	Bonnard (1991)	JB94/24		AF042610				2		
E	<i>Pluteus sp.</i>		JM96/28	AF026634	AF393065	AF026676	AF393139	3	35	3	35
E	<i>Podabrella microcarpus</i>	(Berk. & Broome) Singer (1945)	PRU3900		AF042587				2		
E	<i>Podaxis pistillaris</i>	(L.) Fr.	J119		AF041539				15		
			VPI-ECM1307			U85368				32	
P	<i>Podoscypha petalodes</i>	(Berk.) Boidin (1959)	DSH 98-001	AY293149	AF518639	AF518688	AF518719	68	66	66	66
R	<i>Polyporoletus sublividus</i>	Snell (1936)	DAOM 221078	AF287840	AF393066	AF287827		1	35	1	
			DAOM 194363				AD001621				6
P	<i>Polyporus arcularius</i>	(Batsch) Fr. (1821)	VT959	AF334928	AF393067	U27055	AF393140	4	35	5	35
P	<i>Polyporus melanopus</i>	(Pers.) Fr. (1821)	DAOM 212269	AF334929	AF393068	U27062	AF393141	4	35	5	35
P	<i>Polyporus squamosus</i>	(Huds.) Fr. (1821)	FPL-6846	AF026573	AF393069	U27068	AF393142	3	35	5	35
P	<i>Polyporus tenuiculus</i>	(P. Beauv.) Fr.	GEL4780		AJ406513				55		
P	<i>Polyporus tuberaster</i>	(Jacq.) Fr. (1815)	DAOM 7997B	AF334930	AF393070	U27070	AF393143	4	35	5	35
P	<i>Polyporus varius</i>	(Pers.) Fr. (1821)	DSH 93-195	AF334931	AF393071	AF393086	AF393373	4	35	35	35
E	<i>Porodisculus pendulus</i>	(Schwägrichen) Schwein.	HHB-13576-Sp.	AY293150	AY293204	AY293240		68	68	68	
Tr	<i>Porpomyces mucidus</i>	(Pers.) Jülich (1982)	KHL 11062		AF347091				63		
			KHL 8471		AF347093				63		
			KHL 8620		AF347092				63		
E	<i>Psathyrella candolleana</i>	(Fr.) Maire (1913)	J181		AF041531				15		

E	<i>Psathyrella delineata</i>	(Peck) Smith	J156		AF041532				15			
E	<i>Psathyrella gracilis</i>	(Fr.) Quél. (1872)	J130		AF041533				15			
Hy	<i>Pseudochaete tabacina</i>	(Sow.) T. Wagner & M. Fischer	LK 12.10.97		AF385145				65			
G	<i>Pseudocolus fusiformis</i>	Lloyd	DSH 96-033	AF026623	AF518641	AF026666			3	66	3	
Au	<i>Pseudohydnum gelatinosum</i>	(Scop.) P. Karst. (1868)	UC 1475114	L22260					11			
			DSH 97-041		AY293206				68			
B	<i>Pseudomerulius aureus</i>	(Fr.) Jülich (1979)	FP-103859-Sp.	AY293153	AY293207	AY293242			68	68	68	
T	<i>Pseudotomentella mucidula</i>	(P. Karst.) Svrcek (1958)	60		n/a				59			
T	<i>Pseudotomentella nigra</i>	(Höhn. & Litsch.) Svrcek (1958)	16		n/a				59			
T	<i>Pseudotomentella ochracea</i>	Köljalg & E. Larss. (1998)	EL99-97		AF092847				43			
E	<i>Psilocybe silvatica</i>	(Peck) Singer & A.H. Sm. (1958)	RV5/7/1989		AF042618				2			
E	<i>Psilocybe stuntzii</i>	Guzmán & Ott	VT1263		AF042567				2			
P	<i>Pulcherricium caeruleum</i>	(Lam.) Parmasto (1968)	FPL-7658	U59083	AF393073	U27057	AF393145	4	35	5	35	
Co	<i>Punctularia strigoso-zonata</i>	(Schwein.) P.H.B. Talbot (1958)	HHB-11897-Sp.	AF518586	AF518642				66	66		
P	<i>Pycnoporellus fulgens</i>	(Fr.) Donk (1971)	T-325	AF518587	AF518643	AF518690			66	66	66	
P	<i>Pycnoporus cinnabarinus</i>	(Jacq.) Fr. (1881)	DAOM 72065	AF334934	AF393074	U27059	AF393146	4	35	5	35	
?	<i>Radulomyces molaris</i>	(Chaillet) M.P. Christ. (1960)	GEL5394		AJ406571				55			
G	<i>Ramaria formosa</i>	(Pers.) Quél. (1888)	TENN HS1788	AF184205		AF185986			12		12	
			M-95		AF213085				21			
G	<i>Ramaria obtusissima</i>	(Peck) Corner (1950)	GEL4416		AJ406481				55			
G	<i>Ramaria stricta</i>	(Pers.) Quél. (1888)	TENN HDT-5474	AF026638	AF287887	AF026680	AF393147	3	1	3	35	
G	<i>Ramaricium alboflavescens</i>	(Ellis & Everh.) Ginns (1979)	DAOM 17712	AY293154	AF518644		AF518721	68	66		66	
E	<i>Rectipilus fasciculatus</i>	(Pers.) Agerer (1973)	GEL4485		AJ406539				55			
Hy	<i>Repetobasidium mirificum</i>	J. Erikss. (1958)	FP-133558-Sp.	AY293155	AY293208	AY293243	AY293268	68	68	68	68	
Hy	<i>Resinicium bicolor</i>	(Alb. & Schwein.) Parmasto (1968)	FP-135104-Sp.	AF518588	AF518645	AF518691			66	66	66	
Rm	<i>Resinicium meridionale</i>	(Burds. & Nakasone) Nakasone (1990)	FP-150236	AY293142	AY293197	AY293234	AY293263	68	68	68	68	
E	<i>Resinomycena acadensis</i>	Redhead & Singer (1981)	DAOM 169949		AF042638				2			
E	<i>Resupinatus alboniger</i>	(Pat.) Singer (1977)	RV/JMs.n.		AF042600				2			
E	<i>Resupinatus dealbatus</i>	(Berk.) Singer (1973)	T-818		AF139944				19			
E	<i>Resupinatus sp.</i>		VT1520		AF042599				2			
E	<i>Resupinatus trichotis</i>	(Pers.) Singer (1961)	GEL4221		AJ406557				55			
E	<i>Rhizomarasmius pyrrocephalus</i>	(Berk.) R.H. Petersen (2000)	DED4503		AF042605				2			
B	<i>Rhizopogon subcaerulescens</i>	A.H. Sm. (1966)	F-2882	M90827	AF071534	M91015	AD001629	8	54	8	6	
E	<i>Rhodocollybia maculata</i>	(Alb. & Schwein.) Singer (1939)	RV94/175		AF042597				2			
E	<i>Rhodotus palmatus</i>	(Bull.) Maire (1926)	VT356		AF042565				2			
E	<i>Ripartitella brasiliensis</i>	(Speg.) Singer (1951)	NY-EFM744		U85300	U85370			32	32		
E	<i>Rozites caperata</i>	(Pers.) P. Karst. (1879)	G96-3		AF261497				67			
R	<i>Russula compacta</i>	Frost	Duke s.n.	AF026582	AF287888	U27074	AF393148	3	1	5	35	
R	<i>Russula earlei</i>	Peck	n/a		AF265530	AF518692	AF518722		23	66	66	
R	<i>Russula exalbicans</i>	(Pers.) Melzer & Zvára (1927)	REG MB 95-111	AY293156	AY293209	AY293244	AY293269	68	68	68	68	
R	<i>Russula mairei</i>	Singer (1929)	RV 89/62		U11926				14			

R	<i>Russula romagnesii</i>	Shaffer (1964)	JJ60		AF042572				2			
R	<i>Russula virescens</i>	(Schaeff.) Fr. (1836)	JSH s.n		AF041548				15			
T	<i>Sarcodon imbricatus</i>	(L.) P. Karst. (1881)	REG Sim1	AY293157	AF518646	AF518693	AY522846	68	66	66	68	
E	<i>Schizophyllum commune</i>	Fr. (1815)	n/a	X54865				6	49	18	49	
			REG Sco1		AF334751		AF334747					
			FO 40964			AF069638						
Hy	<i>Schizopora flavipora</i>	(Berk. & M.A. Curtis ex Cooke) Ryvarden (1985)	GEL3545		AJ406464				55			
Hy	<i>Schizopora paradoxa</i>	(Schrad.) Donk (1967)	GEL2511	AF026612	AF518647	AF026654		3	66	3		
Hy	<i>Schizopora radula</i>	(Pers.) Hallenb. (1983)	GEL3798		AJ406466				55			
B	<i>Scleroderma citrinum</i>	Pers. (1801)	DSH 96-011	AF026621		AF026664	AF393149	3		3	35	
			REG Sc1		AF336266				50			
P	<i>Scopuloides hydroides</i>	(Cooke & Masee) Hjortstam & Ryvarden (1979)	GEL3139		AJ406574				55			
R	<i>Scytinostroma aluta</i>	Lanq.	CBS 762.81	AF026607	AF393075	AF026650	AF393150	3	35	3	35	
R	<i>Scytinostroma caudisporum</i>	Boidin, Lanq. & Gilles (1987)	CBS 746.86	AY293158	AY293210		AY293270	68	68		68	
R	<i>Scytinostroma eurasiatico-galactinum</i>	Boidin & Lanq. (1987)	CBS 666.84	AY293159	AY293211	AY293245		68	68	68		
R	<i>Scytinostroma ochroleucum</i>	(Bres. & Torrend) Donk (1956)	CBS 767.86		AY293212				68			
R	<i>Scytinostroma portentosum</i>	(Berk. & M.A. Curtis) Donk (1956)	CBS 503.48			AF334890	AF518723			4	66	
			GEL3225		AJ406488				55			
R	<i>Scytinostroma renisporum</i>	Boidin, Lanq. & Gilles (1987)	CBS 770.86	AY293160	AY293213	AY293246	AY293271	68	68	68	68	
C	<i>Serendipita vermifera</i>	(Oberw.) P. Roberts (1993)	CBS 572.83		AF202729				53			
B	<i>Serpula himantoides</i>	(Fr.) P. Karst. (1885)	HHB-17587-Sp.	AF518589	AF518648	AF518694		66	66	66		
			fp94342r				AD001637					
B	<i>Serpula incrassata</i>	(Berk. & M.A. Curtis) Donk (1948)	REG 406		AF098401				28			
			L11504sp				AD001638				6	
B	<i>Serpula lacrymans</i>	(Wulfen) J. Schröt. (1885)	REG 697		AF098402				28			
C	<i>Sistotrema brinkmannii</i>	(Bres.) J. Erikss. (1948)	GEL3134		AJ406430				55			
C	<i>Sistotrema eximum</i>	(H.S. Jacks.) Ryvarden & H. Solheim (1977)	Thorn429	AF334935	AF393076	AF334891	AF393151	4	35	4	35	
P	<i>Sistotrema musicola</i>	(Pers.) S. Lundell (1947)	FPL-8233	AF334936	AF518649	AF334892		4	66	4		
C	<i>Sistotrema sernanderi</i>	(Litsch.) Donk (1956)	CBS 926.70		AF518650	AF334893			66	4		
Tr	<i>Sistotremastrum niveocreameum</i>	(Höhn. & Litsch.) J. Erikss. (1958)	EL 96-97		AF347094				63			
C	<i>Sistotremastrum niveocreameum</i>		FO36914		AJ406429				55			
Tr	<i>Sistotremastrum niveocreameum</i>		FO29191		AJ406426				55			
Tr	<i>Sistotremastrum sp.</i>		FO36293b		AJ406425				55			
P	<i>Skeletocutis amorpha</i>	(Fr.) Kotl. & Pouzar (1958)	KEW51		AY293214				68			
P	<i>Skeletocutis subincarnata</i>	(Peck) Jean Keller (1979)	GEL3129		AJ406521				55			
P	<i>Sparassis brevipes</i>	Krombh. (1834)	ILKKA96-1044	AY218381	AY218403		AY218464	71	71		71	
P	<i>Sparassis spathulata</i>	(Schwein.) Fr. (1828)	zw-clarku001	AY218377	AY218391	AY218453	AY218460	71	71	71	71	
Hy	<i>Sphaerobasidium minutum</i>	(J. Erikss.) Oberw. ex Jülich (1979)	GEL5373		AJ406446				55			
G	<i>Sphaerobolus stellatus</i>	Tode (1790)	DSH 96-015	AF026618	AF393077	AF026618	AF393152	4	35	4	35	
P	<i>Spongipellis pachydon</i>	(Pers.) Kotl. & Pouzar (1965)	FO22184h		AJ406540				55			
P	<i>Steccherinum fimbriatum</i>	(Pers.) J. Erikss. (1958)	FP-102075	AF518590	AF518651	AF518695	AY293272	66	66	66	68	

?	<i>Stephanospora caroticolor</i>	(Berk.) Pat. (1914)	IOC 137/97	AF518591	AF518652	AF518696	AY293273	66	66	66	68
R	<i>Stereum annosum</i>	Berk. & Broome (1874)	FPL-8562	AF026587	AF518653	U27075		3	66	5	
R	<i>Stereum armeniacum</i>	Boidin & Gilles (1989)	GEL4857		AJ406501				55		
R	<i>Stereum gausapatum</i>	(Fr.) Fr. (1874)	CBS 348.39	AF082855				42			
			GEL4615		AJ406502				55		
R	<i>Stereum hirsutum</i>	(Willd.) Gray (1938)	FPL 8805	AF026588	AF393078	U27076	AF393153	3	35	5	35
R	<i>Stereum rugosum</i>	(Pers.) Fr. (1838)	HHB13390		AY039311				57		
Hy	<i>Stipitochaete damaecornis</i>	(Link) Ryvardeen (1985)	DSH 98-006		AF385162				65		
E	<i>Strobilurus trullisatus</i>	(Murrill) Lennox (1979)	DAOM 188775		AF042633				2		
E	<i>Stropharia rugosoannulata</i>	Farl. ex Murrill (1922)	Hopple D258	AF026635	AF518654	AF026677	AY293274	3	66	3	68
Hy	<i>Subulicium sp.</i>		GEL4808		AJ406449				55		
Tr	<i>Subulicystidium longisporum</i>	(Pat.) Parmasto (1968)	GEL3550		AJ406423				55		
B	<i>Suillus cavipes</i>	(Opat.) A.H. Sm. & Thiers (1964)	TDB-646	M90828	AF071535	M91016	AD001641	8	54	8	6
B	<i>Suillus luteus</i>	(L.) Gray (1821)	JM96/41		AF042622				2		
			TDB-646				X16139				17
B	<i>Suillus sinuspauianus</i>	(Pomerl. & A.H. Sm.) E.A. Dick & Snell (1965)	DAOM 66995	M90829	AF071536	X16137	AD001643	8	54	17	6
B	<i>Tapinella atrotomentosa</i>	(Batsch) Sutara (1992)	TDB-782	M90824		M91012	AD001614	8		8	6
			REG 310		AF042014				27		
B	<i>Tapinella panuoides</i>	(Batsch) E.-J. Gilbert (1931)	DSH 96-043	AF026628		AF026671		1		1	
			REG 318		AF098394				28		
			RLG-12933-Sp.				AD001645				6
E	<i>Termitomyces cylindricus</i>	S.C. He (1985)	JM/leg.R.S.Hseu.s.n.		AF042585				2		
E	<i>Termitomyces heimii</i>	Natarajan	JM/leg.S.Muid.s.n.		AF042586				2		
C	<i>Thanatephorus praticola</i>	(Kotila) Flentje (1963)	7Rs	M92990				34	66	66	
			IMI-34886		AF518655	AF518697			66	66	
T	<i>Thelephora palmata</i>	(Scop.) Fr. (1821)	31/38		AJ406477				55		
T	<i>Thelephora sp.</i>		DSH 96-010	AF026627	AF287890	AF026670		3	1	3	
			TDB-1504				AD001646				6
T	<i>Thelephora vialis</i>	Schwein. (1832)	Thv1		AJ406478				55		
T	<i>Tomentella coerulea</i>	(Bres.) Höhn. & Litsch. (1908)	75		n/a				59		
T	<i>Tomentella ferruginea</i>	(Pers.) Pat. (1887)	78		n/a				59		
T	<i>Tomentella stipitata</i>	(Link) Stalpers (1984)	21		n/a				59		
P	<i>Trametes suaveolens</i>	(L.) Fr. (1838)	DAOM 196328	AF026572	AF518656	U27079		3	66	5	
P	<i>Trametes versicolor</i>	(L.) Pilát (1939)	DSH 93-197	AF334937	AF518657	U27080		4	66	5	
Tr	<i>Trechispora araneosa</i>	(Höhn. & Litsch.) K.H. Larss. (1995)	KHL 8570		AF347084				63		
Tr	<i>Trechispora confinis</i>	(Bourd. & Galzin) Liberta (1966)	KHL 11064		AF347081				63		
Tr	<i>Trechispora farinacea</i>	(Pers.) Liberta (1966)	KHL 8451		AF347082				63		
			KHL 8454		AF347083				63		
			KHL 8793		AF347089				63		
A	<i>Trechispora farinacea</i>		HHB-9150		AF518658				66		
Tr	<i>Trechispora hymenocystis</i>	(Berk. & Broome) K.H. Larss. (1994)	KHL 8795		AF347090				63		

Tr	<i>Trechispora incisa</i>	K.H. Larss. (1996)	EH 24/98		AF347085				63		
Tr	<i>Trechispora kavinioides</i>	B. de Vries (1987)	KGN 981002		AF347086				63		
Tr	<i>Trechispora regularis</i>	(Murrill) Liberta (1974)	KHL 10881		AF347087				63		
Tr	<i>Trechispora sp.</i>		KHL 10715		AF347088				63		
Tr	<i>Trechispora subsphaerospora</i>	(Litsch.) Liberta (1973)	KHL 8511		AF347080				63		
Hy	<i>Trichaptum abietinum</i>	(Dicks.) Ryvarden (1972)	FPL-8973	AF026585	AF518659	U27078		3	66	5	
E	<i>Tricholoma atroviolaceum</i>	A.H. Sm. (1944)	KMS 400		U76457				40		
E	<i>Tricholoma caligatum</i>	(Viv.) Ricken (1914)	KMS 452		U76467				40		
E	<i>Tricholoma focale</i>	(Fr.) Ricken (1914)	KMS 426		U76460				40		
E	<i>Tricholoma giganteum</i>	Massee	IFO31860		AF042591				2		
E	<i>Tricholoma imbricatum</i>	(Fr.) P. Kumm. (1871)	KMS 356		U76458				40		
E	<i>Tricholoma inamoenum</i>	(Fr.) Gillet (1874)	REG MB 96-071	AY293161	AY293215		AY293275	68	68		68
E	<i>Tricholoma intermedium</i>	Peck	KMS 593		U76465				40		
E	<i>Tricholoma myomyces</i>	(Pers.) J.E. Lange (1933)	JM98/700	AF287841	AF518660	AF287828		1	66	1	
E	<i>Tricholoma pardinum</i>	Quél. (1873)	KMS 278		U76462		AD001654		40		6
E	<i>Tricholoma portentosum</i>	(Fr.) Quél. (1872)	KMS 591		U76464				40		
E	<i>Tricholoma subaureum</i>	Ovrebo (1986)	KMS 590		U76466				40		
E	<i>Tricholoma venenatum</i>	G.F. Atk.	KMS 393		U76463				40		
E	<i>Tricholoma vernaticum</i>	Shanks (1996)	KMS 246		U76461				40		
Tr	<i>Tubulicium vermiculare</i>	(Wakef.) Boidin & Gilles (1986)	GEL5015		AJ406424				55		
Hy	<i>Tubulicrinis gracillimus</i>	(Ellis & Everh. ex D.P. Rogers & H.S. Jacks.) G. Cunn. (1963)	HHB-13180-Sp.	AF518592	AF518661			66	66		
Hy	<i>Tubulicrinis sp.</i>		GEL5046		AJ406447				55		
Hy	<i>Tubulicrinis subulatus</i>	(Bourdot & Galzin) Donk (1956)	GEL5286		AJ406448				55		
C	<i>Tulasnella pruinosa</i>	Bourdot & Galzin (1923)	DAOM 17641		AF518662	AF334894	AF518724		66	4	66
C	<i>Tulasnella sp.</i>		GEL4461		AJ406436				55		
C	<i>Tulasnella sp.</i>		GEL4745		AJ406437				55		
C	<i>Tulasnella violea</i>	(Quél.) Bourdot & Galzin (1909)	DAOM 222001		AY293216	AF334895			68	4	
E	<i>Tulostoma macrocephala</i>	Long (1944)	Long 10111 FH	AF026625	AF518663	AF026668		3	66	3	
E	<i>Tulostoma sp.</i>		GEL5402		AJ406584				55		
E	<i>Typhula phacorhiza</i>	(Reichardt) Fr. (1818)	DSH 96-059	AF026630	AF393079	AF026687	AF393154	3	35	3	35
P	<i>Tyromyces chioneus</i>	(Fr.) P. Karst. (1881)	KEW141	AF334938	AF393080	AF334896	AF393155	4	35	4	35
C	<i>Uthatabasidium fusisporum</i>	(J. Schröt.) Donk (1958)	HHB-102155-Sp.	AF518593	AF518664	AF518698		66	66	66	
C	<i>Uthatabasidium sp.</i>		FO30284		AJ406434				55		
R	<i>Vararia gallica</i>	(Bourdot & Galzin) Boidin (1951)	CBS 656.81		AF323742				62		
R	<i>Vararia insolita</i>	Boidin & Lanq. (1975)	CBS 667.81	AF334939	AF518665	AF334897		4	66	4	
R	<i>Vararia ochroleuca</i>	(Bourdot & Galzin) G. Cunn. (1955)	JS24400		AF506485				70		
R	<i>Vararia parmastoi</i>	Boidin & Lanq. (1984)	CBS 647.84		AY293217	AY293247			68	68	
R	<i>Vararia sphaericospora</i>	Gilb. (1965)	CBS 700.81		AY293218	AY293248			68	68	
GL	<i>Veluticeps berkeleyi</i>	Pat. (1894)	CBS 725.68	AF082857					42		
			RLG-7116-Sp.		AY293219		AY293276		68		68
Co	<i>Vuilleminia comedens</i>	(Nees) Maire (1902)	T-583	AF518594	AF518666	AF518699		66	66	66	

P	<i>Wolfiporia cocos</i>	(F.A. Wolf) Ryvarden & Gilb. (1984)	FPL4198	AF334940	AF393081	AF334898	AF393156	4	35	4	35
R	<i>Xenasma rimicola</i>	(P. Karst.) Donk (1957)	FP-133272-Sp.	AY293162	AY293220	AY293249	AY293277	68	68	68	68
B	<i>Xerocomus chrysenteron</i>	(Bull.) Quél. (1888)	TDB-635	M94340	AF071537	M91018	X16143	34	54	8	6
E	<i>Xeromphalina caucinialis</i>	(With.) Kühner & Maire	RV86/11		AF042639				2		
E	<i>Xerula furfuracea</i>	(Peck) Redhead, Ginns & Shoemaker (1987)	JM96/42		AF042566				2		
E	<i>Xerula megalospora</i>	(Clem.) Redhead, Ginns & Shoemaker (1987)	DAOM 196115		AF042649				2		
R	<i>Xylobolus frustulatus</i>	(Pers.) Boidin (1958)	FP106073		AY039307				57		
R	<i>Xylobolus subpileatus</i>	(Berk. & M.A. Curtis) Boidin (1958)	FP106735		AY039309				57		

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