

Accession Number	Genus	Species	5.8S	58A2R 58A1F	3' C G A T G A A G A A C G C A T G A A G A A C G C A G 3'	Species per cluster	Cluster number
AF165922	Glomus	brasilianum				460	1
AY373922	Penicillium	lividum				460	1
AF374717	Pisolithus	tinctorius				460	1
AF444442	Cryptococcus	cellulolyticus				460	1
RSRRITSA	Rhizopogon	subcaerulescens				460	1
CGE510274	Cenococcum	geophilum			-	22	2
AY826767	Septoria	glycines			-	22	2
AF270781	Pisolithus	sp			G	2	3
CFR486964	Calvatia	fragilis		C		1	4
AF097575	Elsinoe	leucospermi			-	1	5
AF333489	Phakopsora	pachyrhizi			A	1	6
AF096976	Pisolithus	arhizus		A		1	7
RSRRITSA	Rhizopogon	subcaerulescens				1	8
AF401156	Acer	macrophyllum				75	9
AF041353	Pseudotsuga	menziesii				75	9
BFO491208	Begonia	formosana				68	10
AB162910	Chlorella	vulgaris				68	10
AF401149	Acer	decandrum			T C	1	11

Accession Number	Genus	Species	5.8S	58A2R	3'	C	G	A	T	G	A	A	G	A	A	C	G	C	Species per cluster	Cluster number
				58A1F	A	T	G	A	A	G	A	A	C	G	C	A	G	3'		
AB164370	Trichosporon	siamense																	460	1
AF414693	Trichosporon	veenhuisii																	460	1
TAB244267	Trimmatostroma	abietina																	460	1
AY559362	Trimmatostroma	abietis																	460	1
TSA244264	Trimmatostroma	salicis																	460	1
AY329595	Trogia	sp																	460	1
TME459582	Tuber	melanosporum																	460	1
AY456371	Tylophilus	sp																	460	1
AF485077	Urnula	helvelloides																	460	1
XAR419221	Xerocomus	armeniacus																	460	1
XCH419223	Xerocomus	chrysenteron																	460	1
AF402140	Xerocomus	pruinatus																	460	1
CGE510274	Cenococcum	geophilum															-		22	2
AF297229	Cercospora	asparagi															-		22	2
AF297222	Cercospora	beticola															-		22	2
AF297226	Cercospora	kalmiae															-		22	2
AY633838	Cercospora	kikuchii															-		22	2
AF297230	Cercospora	nicotianae															-		22	2
AF297232	Cercospora	sorghii															-		22	2
GLA301970	Glomerella	lagenaria															-		22	2
AF297236	Mycosphaerella	brassicicola															-		22	2
AY266153	Mycosphaerella	cruenta															-		22	2
AF181705	Mycosphaerella	fijiensis															-		22	2
AF309603	Mycosphaerella	flexuosa															-		22	2
AF468881	Mycosphaerella	juvenis															-		22	2
AY152570	Mycosphaerella	linicola															-		22	2
AY725575	Mycosphaerella	ohnowa															-		22	2
AF079776	Phomopsis	amaranthicola															-		22	2
AF309596	Pseudocercospora	paraguayen															-		22	2
AY259133	Ramulispora	sorghii															-		22	2
AY152571	Septoria	aciculosa															-		22	2
AY152569	Septoria	gerberae															-		22	2
AY826767	Septoria	glycines															-		22	2
AY260082	Septoria	protearum															-		22	2
AY318746	Pisolithus	albus															G		2	3
AF270781	Pisolithus	sp															G		2	3
CFR486964	Calvatia	fragilis				C													1	4
AF058303	Rhizopogon	burlinghamii						A											1	5
AF096976	Pisolithus	arhizus															A		1	6
AF333489	Phakopsora	pachyrhizi																A	1	7
AF097575	Elsinoe	leucospermi															-		1	8
AF241480	Acer	argutum																T	75	9
AF241481	Acer	buergerianum																T	75	9
AF406969	Acer	caesium																T	75	9
AF401158	Acer	campestre																T	75	9
AF401138	Acer	cappadocicum																T	75	9
AF241482	Acer	carpinifolium																T	75	9
AF241483	Acer	cissifolium																T	75	9
AF401135	Acer	crassum																T	75	9
AF020368	Acer	crataegifolium																T	75	9
AF401144	Acer	davidii																T	75	9
AF241484	Acer	diabolicum																T	75	9
AF020379	Acer	distylum																T	75	9
AF241486	Acer	fabri																T	75	9
AF241488	Acer	glabrum																T	75	9
AF401141	Acer	henryi																T	75	9
AF241489	Acer	japonicum																T	75	9
AF401143	Acer	kungshanense																T	75	9
AF241490	Acer	laurinum																T	75	9
AF401156	Acer	macrophyllum																T	75	9
AF401129	Acer	mandshuricum																T	75	9
AF401124	Acer	miaoshanicum																T	75	9
AF020369	Acer	micranthum																T	75	9
AF241491	Acer	mono																T	75	9

Accession Number	Genus	Species	5.8S	58A2R 58A1F	3'	C	G	A	T	G	A	A	G	A	A	C	G	C	A	G	3'	Species per cluster	Cluster number
AF087105	Compsopogon	coeruleus																				68	10
AF154863	Cosmarium	fontrabiense																				68	10
AF154856	Cosmarium	obtusatum																				68	10
AF154862	Cosmarium	tumidum																				68	10
AY548208	Cynanchum	auriculatum																				68	10
AF033280	Dysmorphococcus	globosus																				68	10
U71248	Elaeis	oleifera																				68	10
EIAJ211	Enteromorpha	intestinalis																				68	10
FHRRNA	Funaria	hygrometrica																				68	10
GPRRNAS	G	planctonica																				68	10
AY497560	Ganonema	farinosum																				68	10
AY497564	Helminthocladia	australis																				68	10
AY083659	Heritiera	littoralis																				68	10
AY328172	Hopea	hainanensis																				68	10
AF082342	Laurencia	perforata																				68	10
AF082340	Laurencia	sp																				68	10
AF082345	Laurencia	viridis																				68	10
AY497565	Liagora	boergesenii																				68	10
AY497567	Liagora	ceranoides																				68	10
AY497568	Liagora	decussata																				68	10
AY497570	Liagora	orientalis																				68	10
AY497572	Liagora	segawae																				68	10
AY497576	Liagora	valida																				68	10
AF455748	Lycium	chinense																				68	10
AY880681	Lycium	ruthenicum																				68	10
MGRDNA	M	glaucescens																				68	10
AF448792	Marsilea	quadrifolia																				68	10
AF415173	Monostroma	angicava																				68	10
AF415171	Monostroma	arcticum																				68	10
AF428049	Monostroma	grevillei																				68	10
AF163111	Monostroma	nitidum																				68	10
PBRRNAS	P	basiliense																				68	10
PPRRNAS	P	paucicellulare																				68	10
PSRRNAS	P	sarcinoidea																				68	10
AB162911	Parachlorella	kessleri																				68	10
AY548209	Pleuropterus	multiflorus																				68	10
AF033296	Pyrobotrys	stellata																				68	10
AF452163	Pythium	ultimum																				68	10
SSRRAA	S	similis																				68	10
AF448791	Salvinia	natans																				68	10
SAC249511	Scenedesmus	acuminatus																				68	10
SAC249508	Scenedesmus	acutus																				68	10
AY510467	Scenedesmus	bajacalifornicus																				68	10
AY510470	Scenedesmus	deserticola																				68	10
AY510466	Scenedesmus	dissociatus																				68	10
SNA249510	Scenedesmus	naegelii																				68	10
SOB249505	Scenedesmus	obliquus																				68	10
AY510465	Scenedesmus	rotundus																				68	10
AF154855	Staurastrum	sp																				68	10
UZRRNAS	U	zonata																				68	10
AJ626846	Uncultured	Urospora																				68	10
AY476821	Urospora	neglecta																				68	10
AY476812	Urospora	sp																				68	10
AY476814	Urospora	wormskioldii																				68	10
AY328171	Vatica	mangachapoi																				68	10
AY497577	Yamadaella	caenomyce																				68	10
AF401149	Acer	decandrum																	T	C		1	11

Accession Number	Genus	Species	28S				3' end				NLC2				Species per cluster	Cluster number	
			NLB4				NLC2										
			G T C A T A G A G G G T G A G A A T C C				G A G T T G T T T G G G A A T G C A G C T C										
AF433107	Aspergillus	elegans													494	1	
AF335451	Boletus	mirabilis													494	1	
AY394919	Cenococcum	geophilum													494	1	
AF325292	Lactarius	torminosus													494	1	
SCRMM01	Saccharomyces	cerevisiae													494	1	
AF130379	Fusarium	dimerum	C						GC		A			T	76	2	
AF049176	Verticillium	lecanii	C						GC		A			T	76	2	
AY612800	Boletus	bicolor			G										49	3	
AF071536	Suillus	sinuspaulianus			G										49	3	
AF275540	Microascus	giganteus	C		C				GC		A			T	19	4	
AY216676	Aspergillus	ustus			G										20	5	
AF042571	Russula	earlei	A												11	7	
AF042622	Suillus	luteus			G				C						7	8	
AF506462	Russula	nauseosa			C										7	9	
AF291349	Myxarium	grilletii	T												7	10	
AB027371	Cordyceps	kanzashiana	C		C				GC		G	A		T	C	4	11
AF218549	Russula	silvicola													4	12	
AY612804	Boletus	subvelutipes			GC										4	13	
AF274100	Pertusaria	erythrella			C										3	15	
AF479200	Abelia	triflora	C		GG				GC		G			C	93	62	
AF297535	Cornus	mas	C		GG				GC		G			C	93	62	
AF479183	Helianthus	annuus	C		GG				GC		G			C	93	62	
AY056503	Thuja	plicata	C		GG				GC		G			C	93	62	
AF389239	Aextoxicon	punctatum	C		G				GC		G			C	43	63	
SA25SR	Sinapis	alba	C		G				GC		G			C	43	63	
AY056502	Larix	leptolepis	C		TG				C	GC	G			C	9	64	
AY189036	Aralidium	pinnatifidum	C		TG				GC		G			C	7	65	
AAU90690	Araucaria	araucana	C		GG				GC		G			A	C	6	66
AGU90683	Abies	grandis	C		TG				T	GC	G			C	4	67	

Accession Number	28S		3' end	NLB4	3' end	NLC2	Species	Cluster number
	Genus	Species	GTCATAGAGGGTGTGAGAATCC		GAGTTGTTTGGGAATGCAGCTC			
ABI406527	Abortiporus	biennis					494	1
AY039305	Acanthobasidium	phragmitis					494	1
AY039333	Acanthofungus	rimosus					494	1
AF506400	Acanthophysellum	lividocoer					494	1
AY039327	Acanthophysium	bisporum					494	1
AY039310	Acanthophysium	cerussatum					494	1
AY039319	Acanthophysium	lividocaerul					494	1
AY039322	Acanthophysium	weirii					494	1
AY584643	Acarosporina	microspora					494	1
AF261623	Agaricales	sp					494	1
AF367935	Agrocybe	firma					494	1
AY646101	Agrocybe	praecox					494	1
AY039331	Aleurobotrys	botryosus					494	1
AF506403	Aleurocystidiellum	subcruen					494	1
AY039324	Aleurodiscus	abietis					494	1
AF506399	Aleurodiscus	cerussatus					494	1
AY039320	Aleurodiscus	lapponicus					494	1
AY039321	Aleurodiscus	laurentianus					494	1
AY039332	Aleurodiscus	mirabilis					494	1
AY586625	Amaurodon	viridis					494	1
AF518597	Amphinema	byssoides					494	1
AY586628	Amylocorticium	subincarnatu					494	1
AF518598	Amylocystis	lapponica					494	1
AF506405	Amylostereum	areolatum					494	1
AF518599	Amylostereum	chailletii					494	1
AF506407	Amylostereum	laevigatum					494	1
AF287844	Antrodia	carbonica					494	1
AJ583430	Antrodia	xantha					494	1
AF433074	Aspergillus	auricomus					494	1
AA15508	Aspergillus	avenaceus					494	1
AF433046	Aspergillus	bridgeri					494	1
AB29823	Aspergillus	brunneo-uniseriatus					494	1
AD15491	Aspergillus	dimorphicus					494	1
AF433107	Aspergillus	elegans					494	1
AF15504	Aspergillus	flaschentraegeri					494	1
AG15490	Aspergillus	gorakhpurensis					494	1
AI15485	Aspergillus	itaconicus					494	1
AF433120	Aspergillus	melleus					494	1
AF433088	Aspergillus	ochraceus					494	1
AF433084	Aspergillus	ostianus					494	1
AF433104	Aspergillus	petrakii					494	1
AP20822	Aspergillus	pulvinus					494	1
AY338959	Aspergillus	sclerotiorum					494	1
AF433121	Aspergillus	sulphureus					494	1
AW15495	Aspergillus	wentii					494	1
AY586631	Asterodon	ferruginosum					494	1
AY293168	Athelia	epiphylla					494	1
AY700189	Aureoboletus	thibetanus					494	1
AF291289	Auricularia	auricula-judae					494	1
AF291290	Auricularia	delicata					494	1
AF291291	Auricularia	fuscossuccinea					494	1
AF506492	Auricularia	mesenterica					494	1
AF261554	Auricularia	polytricha					494	1
AY634277	Auricularia	sp					494	1
AY612797	Austroboletus	betula					494	1
AY612798	Austroboletus	mucosus					494	1
AF291294	Basidioidendron	caesiocinere					494	1
AF291297	Basidioidendron	grandinioides					494	1
AY187277	Basidiomycete	sp					494	1
AB096738	Bjerkandera	adusta					494	1
AY089741	Bjerkandera	adustus					494	1
AY633927	Bjerkandera	sp					494	1
AF506376	Boidinia	furfuracea					494	1
AF506379	Boidinia	propinqua					494	1
AF506378	Boidinia	sp					494	1
AF050642	Boletellus	betula					494	1
AF050652	Boletellus	mirabilis					494	1
AY684158	Boletellus	projectellus					494	1
AF139684	Boletus	eximius					494	1
AF456834	Boletus	griseus					494	1
AF335451	Boletus	mirabilis					494	1
AF456811	Boletus	retipes					494	1
AF287849	Bondarzewia	berkeleyi					494	1
AF393048	Botryobasidium	subcoronatum					494	1
AY004336	Botryosphaeria	ribis					494	1
AY586640	Byssomerulius	corium					494	1
BSP406534	Byssomerulius	sp					494	1
AF279885	Caloplaca	cerina					494	1
AY394919	Cenococcum	geophilum					494	1

Accession Number	28S Genus	Species	3' end NLB4		3' end NLC2		Species per cluster	Cluster number
			GTCATAGAGGGTGAGAATCC		GAGTTGTTTGGGAATGCAGCTC			
AF518606	Ceraceomyces	serpens					494	1
AF393049	Ceriporia	viridans					494	1
CC15507	Chaetosartorya	chrysell					494	1
CC15505	Chaetosartorya	cremea					494	1
CS15512	Chaetosartorya	stromatoides					494	1
AB075359	Chromocleista	cinnabarina					494	1
AY684165	Climacodon	septentrionalis					494	1
AY647208	Clitocybe	subvelosa					494	1
AF506382	Conferticium	ravum					494	1
AY586649	Coniophora	arida					494	1
AJ583426	Coniophora	puteana					494	1
CMI406565	Coprinus	micaceus					494	1
AY219581	Cortinarius	abnormis					494	1
AY033127	Cortinarius	alboroseus					494	1
AY174807	Cortinarius	anserinus					494	1
AF539730	Cortinarius	austroturmalis					494	1
AF388786	Cortinarius	badiovinaceus					494	1
AY174861	Cortinarius	boudieri					494	1
AF539715	Cortinarius	caelicolor					494	1
AF539711	Cortinarius	cervinus					494	1
AF388761	Cortinarius	cinereobrunneus					494	1
AY174812	Cortinarius	cumatilis					494	1
AF539725	Cortinarius	elaphinus					494	1
AF539716	Cortinarius	flammuloides					494	1
AY174787	Cortinarius	glaucopus					494	1
AF388775	Cortinarius	globuliformis					494	1
AF539720	Cortinarius	icterinus					494	1
AY174846	Cortinarius	multiformis					494	1
AF539733	Cortinarius	myxoclaricolor					494	1
AF539727	Cortinarius	pachynemeus					494	1
AY174854	Cortinarius	porphyropus					494	1
AY174858	Cortinarius	purpurascens					494	1
AY174800	Cortinarius	saginus					494	1
AF539729	Cortinarius	squamiger					494	1
AF539717	Cortinarius	viridibasalis					494	1
AY174789	Cortinarius	viridocoeruleus					494	1
AF393050	Cryptoporus	volvatus					494	1
AY293616	Cyrtarophyllum	besseyi					494	1
AY293176	Dacryobolus	sudans					494	1
AF291313	Daedalea	quercina					494	1
DMO406548	Datronia	mollis					494	1
DSQ487514	Dichomitus	squalens					494	1
AF506428	Dichostereum	aff					494	1
AF506391	Dichostereum	granulosum					494	1
AF506392	Dichostereum	pallescens					494	1
AJ583428	Donkioporia	expansa					494	1
AF506430	Echinodontium	tinctorium					494	1
AF476997	Ectomycorrhizal	root					494	1
AF291318	Eichleriella	deglubens					494	1
AY586653	Elmerina	holophaea					494	1
AY505543	Endoperplexa	enodulosa					494	1
AF033435	Eupenicillium	brefeldianum					494	1
AY213698	Eupenicillium	cinnamopurpur					494	1
AF033462	Eupenicillium	rubidurum					494	1
AY243524	Exidia	crenata					494	1
AF506493	Exidia	glandulosa					494	1
AF291320	Exidia	japonica					494	1
AF291321	Exidia	pithya					494	1
AF347112	Exidia	recisa					494	1
AF291323	Exidia	saccharina					494	1
AY700191	Exidia	sp					494	1
AF291325	Exidia	truncata					494	1
AY645056	Exidia	uvapsassa					494	1
AY586654	Exidiopsis	calcea					494	1
AF291328	Exidiopsis	grisea					494	1
AF395309	Exidiopsis	plumbescens					494	1
FRU406475	Fibricium	rude					494	1
AF195588	Flammula	alnicola					494	1
AY380408	Flammulaster	sp					494	1
AF291331	Fomes	fomentarius					494	1
AF311048	Fomitopsis	pinicola					494	1
AY618209	Fuscoporia	palmicola					494	1
GBRS25S	G	boninense					494	1
GLRZ25S	G	lucidum					494	1
GM25S9	G	microsporium					494	1
GTJ225S	G	tsugae					494	1
AF195590	Galerina	marginata					494	1
AF261653	Galerina	paludosa					494	1
AF287859	Geastrum	saccatum					494	1

Accession Number	28S		3' end	NLB4	3' end	NLC2	Species per cluster	Cluster number
	Genus	Species	G T C A T A G A G G G T G A G A A T C C		G A G T T G T T T G G G A A T G C A G C T C			
AF141612	Gelatoporia	pannocincta					494	1
AF033389	Geosmithia	argillacea					494	1
AF033386	Geosmithia	cylindrospora					494	1
AF033387	Geosmithia	emersonii					494	1
AB047228	Geosmithia	viridis					494	1
U66434	Gerronema	subclavatum					494	1
AF506433	Gloeocystidiellum	aculeatum					494	1
AF506432	Gloeocystidiellum	aspellum					494	1
AF506434	Gloeocystidiellum	compactum					494	1
AF506439	Gloeocystidiellum	formosanu					494	1
AF506381	Gloeocystidiellum	heimii					494	1
AF287860	Gloeocystidiellum	leucoxant					494	1
AF506421	Gloeocystidiellum	luridum					494	1
AF310090	Gloeocystidiellum	sp					494	1
AF506404	Gloeocystidiellum	subasperi					494	1
AF506442	Gloeocystidiellum	triste					494	1
AF506443	Gloeocystidiellum	wakullum					494	1
AF506438	Gloeocystidiopsis	aff					494	1
AF506437	Gloeocystidiopsis	flammea					494	1
AF506445	Gloeodontia	discolor					494	1
AF506448	Gloeomyces	graminicola					494	1
AF506436	Gloeopeniophorella	aff					494	1
AF506435	Gloeopeniophorella	convolve					494	1
AF506440	Gloeopeniophorella	laxa					494	1
AY586656	Gloeoporus	taxicola					494	1
AF506450	Gloiodon	nigrescens					494	1
AY640951	Glypholecia	scabra					494	1
AY647207	Gomphus	clavatus					494	1
GFU406506	Grammothele	fuligo					494	1
AF287863	Grifola	frondosa					494	1
AF265538	Gymnomyces	pallidus					494	1
HC11918	Hebeloma	crustuliniforme					494	1
AY033139	Hebeloma	fastibile					494	1
AF430291	Hebeloma	incarnatum					494	1
AF261515	Hebeloma	longicaudum					494	1
AY038310	Hebeloma	olympianum					494	1
AY219607	Hebeloma	sp					494	1
AY745703	Hebeloma	velutipes					494	1
AF261647	Hemipholiota	destruens					494	1
AF261646	Hemipholiota	lucifera					494	1
AF195593	Hemipholiota	populnea					494	1
AF347096	Heterobasidion	annosum					494	1
AF291334	Heterochaete	hirneoloides					494	1
AF291335	Heterochaete	shearii					494	1
AF291336	Heterochaete	sp					494	1
AY509552	Heterochaetella	brachyspora					494	1
HHY487625	Hexagonia	hydnoides					494	1
AF139956	Hohenbuehelia	petalodes					494	1
AF042601	Hohenbuehelia	sp					494	1
AF135171	Hohenbuehelia	tristis					494	1
AY684156	Hygrophoropsis	aurantiaca					494	1
HJE406452	Hyphodontia	barbajovis					494	1
AY646100	Hyphodontia	gossypina					494	1
AF195595	Hypholoma	capnoides					494	1
AF261628	Hypholoma	ericaeum					494	1
AF261630	Hypholoma	fasciculare					494	1
AY635774	Hypholoma	sublateritium					494	1
AF261631	Hypholoma	subviride					494	1
AF261627	Hypholoma	udum					494	1
HEI406508	Hypochnicium	eichleri					494	1
AY293189	Hypsizygus	tessulatus					494	1
AY059032	Inonotus	glomeratus					494	1
AF291341	Inonotus	nodulosus					494	1
AF311017	Inonotus	obliquus					494	1
AY059040	Inonotus	weirii					494	1
IBE406543	Ischnoderma	benzoinum					494	1
IRE487927	Ischnoderma	resinosum					494	1
AF518625	Junghuhnia	subundata					494	1
AY582127	Kazachstania	aerobia					494	1
AF398482	Kazachstania	viticola					494	1
AY048159	Kluyveromyces	africanus					494	1
AY048170	Kluyveromyces	yarrowii					494	1
AF291342	Kuehneromyces	mutabilis					494	1
AF325268	Lactarius	badiosanguineus					494	1
AF325269	Lactarius	blennius					494	1
AF325270	Lactarius	camphoratus					494	1
AF325271	Lactarius	circellatus					494	1
LC11919	Lactarius	corrugis					494	1
AY631899	Lactarius	deceptivus					494	1

Accession Number	28S		3' end	NLB4	3' end	NLC2	Species per cluster	Cluster number
	Genus	Species	GTCATAGAGGGTGAGAATCC		GAGTTGTTTGGGAATGCAGCTC			
AF325274	Lactarius	helvus					494	1
AF506411	Lactarius	leonis					494	1
AF325275	Lactarius	lignyotus					494	1
AF325276	Lactarius	lilacinus					494	1
AF325277	Lactarius	necator					494	1
AF325278	Lactarius	pallidus					494	1
AF218554	Lactarius	peckii					494	1
AF325279	Lactarius	piperatus					494	1
AF325280	Lactarius	pominsis					494	1
AY228358	Lactarius	pseudomucidus					494	1
AF325281	Lactarius	pubescens					494	1
AF325282	Lactarius	quieticolor					494	1
AF325284	Lactarius	salmonicolor					494	1
AF325285	Lactarius	scrobiculatus					494	1
AF325286	Lactarius	sp					494	1
AF218555	Lactarius	speciosus					494	1
AF325287	Lactarius	sphagneti					494	1
AF325288	Lactarius	spinosulus					494	1
AF325289	Lactarius	subdulcis					494	1
AF506412	Lactarius	subbemboratus					494	1
AF218553	Lactarius	subpurpureus					494	1
AF325290	Lactarius	subsericatus					494	1
AF325291	Lactarius	tabidus					494	1
AF325292	Lactarius	torminosus					494	1
AF325293	Lactarius	uvidus					494	1
AF325294	Lactarius	vellereus					494	1
AF310102	Laxitextum	bicolor					494	1
AF261563	Lentinus	squarrosulus					494	1
AF518627	Lentinus	tigrinus					494	1
LBE487931	Lenzites	betulina					494	1
AF482897	Lepiota	rufipes					494	1
AY586686	Leucogyrophana	romellii					494	1
AF518629	Lindtneria	trachyspora					494	1
AF506441	Megalocystidium	chelidonium					494	1
AF506420	Megalocystidium	leucoxanthu					494	1
AF506422	Megalocystidium	luridum					494	1
AY176456	Melanophyllum	haematospermu					494	1
MG1487930	Meripilus	giganteus					494	1
AF042637	Mycena	clavicularis					494	1
AF261522	Naucoria	bohemica					494	1
AF261517	Naucoria	escharioides					494	1
AY380405	Naucoria	escharoides					494	1
AY261170	Nematoctonus	sp					494	1
U66451	Omphalina	rivulicola					494	1
AF311023	Onnia	tomentosa					494	1
AF287877	Oxyporus	sp					494	1
AF261513	Pachylepyrium	funariophilum					494	1
AB047229	Paecilomyces	pascua					494	1
AY014287	Panellus	serotinus					494	1
AF287878	Panus	rudis					494	1
AF518635	Parmastomyces	transmutans					494	1
AF033397	Penicillium	aculeatum					494	1
AB047230	Penicillium	oblatum					494	1
AF033398	Penicillium	resedanum					494	1
AB047231	Penicillium	sabulosum					494	1
AF033488	Penicillium	soppii					494	1
AF481123	Penicillium	sp					494	1
AF506424	Peniophora	cinerea					494	1
AF506425	Peniophora	incarnata					494	1
PSP406568	Peniophora	sp					494	1
AF329176	Pertusaria	albescens					494	1
AF261505	Phaeocollybia	dissiliens					494	1
AF261506	Phaeocollybia	jennyae					494	1
AF261474	Phaeolepiota	aurea					494	1
AF195599	Phaeonematoloma	myosotis					494	1
AF287883	Phanerochaete	chryso sporium					494	1
PSO406532	Phanerochaete	sordida					494	1
AY059029	Phellinus	cancriformans					494	1
AF311026	Phellinus	chrysoloma					494	1
AF311031	Phellinus	ferrugineofuscus					494	1
AY059020	Phellinus	pachyphloeus					494	1
AF311037	Phellinus	pini					494	1
AY059016	Phellinus	sulphurascens					494	1
AF311044	Phellinus	viticola					494	1
AF141616	Phlebia	albida					494	1
AF141629	Phlebia	serialis					494	1
AF141634	Phlebiopsis	gigantea					494	1
AF195603	Pholiota	aurivella					494	1
AF195606	Pholiota	conissans					494	1

Accession Number	28S		3' end NLB4		3' end NLC2		Species per cluster	Cluster number
	Genus	Species	G T C A T A G A G G G T G A G A A T C C		G A G T T G T T T G G G A A T G C A G C T C			
AF325312	Russula	nigricans					494	1
AY228349	Russula	occidentalis					494	1
AF506463	Russula	persicina					494	1
AF325315	Russula	puellaris					494	1
AF325317	Russula	raoultii					494	1
AF325318	Russula	sardonina					494	1
AF325319	Russula	solaris					494	1
AF506464	Russula	sphagnophila					494	1
AF325320	Russula	vesca					494	1
AF325321	Russula	veternosa					494	1
AF506465	Russula	violacea					494	1
AF218542	Russula	xerampelina					494	1
AY048164	Saccharomyces	barnettii					494	1
AY130339	Saccharomyces	bayanus					494	1
AF398478	Saccharomyces	cariocanus					494	1
SCRRM01	Saccharomyces	cerevisiae					494	1
AF005707	Saccharomyces	chevalieri					494	1
AY048168	Saccharomyces	dairenensis					494	1
AF005708	Saccharomyces	ellipsoideus					494	1
CHO508565	Saccharomyces	exiguus					494	1
AF398480	Saccharomyces	kudriavzevii					494	1
AY130340	Saccharomyces	kunashirensis					494	1
AY130338	Saccharomyces	pastorianus					494	1
AF406921	Saccharomyces	servazzii					494	1
AB087391	Saccharomyces	sp					494	1
AF398485	Saccharomyces	turicensis					494	1
AY007920	Saccharomyces	unisporus					494	1
SUV279065	Saccharomyces	uvarum					494	1
AF285782	Sagenoma	viride					494	1
AY213628	Scytalidium	hyalinum					494	1
AF506469	Scytinostroma	odoratum					494	1
AF506472	Scytinostromella	nannfeldti					494	1
AF291364	Sebacina	dimitica					494	1
AF440660	Sebacina	endomycorrhiza					494	1
AY505553	Sebacina	vermifera					494	1
SEB534931	Sebacinaceae	sp					494	1
AF518648	Serpula	himantoides					494	1
AY491673	Serpula	incrassata					494	1
SLA440941	Serpula	lacrymans					494	1
AY039334	Stereum	hirsutum					494	1
AF506480	Stereum	reflexulum					494	1
AF506481	Stereum	rugosum					494	1
AF506483	Stereum	sp					494	1
AF506482	Stereum	subtomentosum					494	1
AY341361	Stictis	radiata					494	1
AF195597	Stropharia	aeruginosa					494	1
AF195589	Stropharia	albocrenulata					494	1
AF291368	Stropharia	albonitens					494	1
AY646102	Stropharia	ambigua					494	1
AF261626	Stropharia	umbonescens					494	1
AB047218	Talaromyces	eburneus					494	1
AB047219	Talaromyces	emersonii					494	1
AB047227	Talaromyces	luteus					494	1
AF388747	Thaxterogaster	campbellae					494	1
AF287890	Thelephora	sp					494	1
AF291371	Trametes	gibbosa					494	1
TTR457810	Trametes	trogii					494	1
AY635768	Trechispora	alnicola					494	1
AF347084	Trechispora	araneosa					494	1
AF347081	Trechispora	confinis					494	1
AF347085	Trechispora	incisa					494	1
AF384862	Tremellodendron	pallidum					494	1
AY745701	Tremellodendron	sp					494	1
AF291377	Tremiscus	helvelloides					494	1
TVE406424	Tubulicium	vermiculare					494	1
AY612832	Tylopilus	alboater					494	1
AY612833	Tylopilus	badiceps					494	1
AY612835	Tylopilus	rufonigricans					494	1
AF456813	Tylopilus	sp					494	1
AY612837	Tylopilus	tabacinus					494	1
AY300869	Umbilicaria	crustulosa					494	1
AY645334	Umbilicaria	esculenta					494	1
AY645335	Umbilicaria	mammulata					494	1
AY645337	Umbilicaria	muehlenbergii					494	1
AY645339	Umbilicaria	subglabra					494	1
AY634136	Uncultured	ectomycorrhiza					494	1
AY536734	Uncultured	fungus					494	1
AY452679	Uncultured	mycorrhiza					494	1
AF042563	Unidentified	basidiomycete					494	1

Accession Number	Genus	Species	28S		3' end		NLB4		3' end		NLC2		Species per cluster	Cluster number						
			G	T	C	A	T	A	G	A	G	T			T	G	G	A	A	T
AF506484	Vararia	investiens											494	1						
AY293218	Vararia	sphaericospora											494	1						
AF261639	Werarora	virescens											494	1						
AF514809	Xerocomus	chrysenteron											494	1						
AF514813	Xerocomus	cisalpinus											494	1						
AF139712	Xerocomus	depilatus											494	1						
AF514823	Xerocomus	dryophilus											494	1						
AF514821	Xerocomus	fennicus											494	1						
AY612840	Xerocomus	illudens											494	1						
AF514825	Xerocomus	pruinatus											494	1						
AF514816	Xerocomus	ripariellus											494	1						
AY612841	Xerocomus	sp											494	1						
AY612842	Xerocomus	spadiceus											494	1						
AF514832	Xerocomus	subtomentosus											494	1						
AF261462	Xeromphalina	campanelloides											494	1						
AF261463	Xeromphalina	cornui											494	1						
AF261464	Xeromphalina	fraxinophila											494	1						
AY039307	Xylobolus	frustulatus											494	1						
AY039309	Xylobolus	subpileatus											494	1						
AF265545	Zelleromyces	sculptisporus											494	1						
AY075113	Acanthorhynchus	vaccinii	C			GC			A		T		76	2						
AF132319	Annulatascus	hongkongensis	C			GC			A		T		76	2						
AF132320	Annulatascus	velatisporus	C			GC			A		T		76	2						
AF096186	Aporothielavia	leptoderma	C			GC			A		T		76	2						
AF327386	Aschersonia	badia	C			GC			A		T		76	2						
AS17397	Atkinsonella	sp	C			GC			A		T		76	2						
BSU57679	Balansia	strangulans	C			GC			A		T		76	2						
AF339520	Beauveria	caledonica	C			GC			A		T		76	2						
AY346270	Ceratosphaeria	lampadophora	C			GC			A		T		76	2						
AF132328	Cercophora	appalachianensis	C			GC			A		T		76	2						
AF286400	Chaetomium	cupreum	C			GC			A		T		76	2						
CG47825	Chaetomium	globosum	C			GC			A		T		76	2						
CQU312104	Chaetomium	quadrangulatum	C			GC			A		T		76	2						
AJ583471	Cladobotryum	dimorphicum	C			GC			A		T		76	2						
AF160229	Cladobotryum	stereicola	C			GC			A		T		76	2						
AF245294	Claviceps	africana	C			GC			A		T		76	2						
AF009654	Cordycepioideus	bisporus	C			GC			A		T		76	2						
AY283555	Cordyceps	bassiana	C			GC			A		T		76	2						
AB031196	Cordyceps	coccidiicola	C			GC			A		T		76	2						
AB027377	Cordyceps	cochliidiicola	C			GC			A		T		76	2						
AB027365	Cordyceps	jezoensis	C			GC			A		T		76	2						
AY465959	Cordyceps	kyushuensis	C			GC			A		T		76	2						
AY184966	Cordyceps	militaris	C			GC			A		T		76	2						
AB027370	Cordyceps	prolifera	C			GC			A		T		76	2						
AB067738	Cordyceps	sinensis	C			GC			A		T		76	2						
AB027374	Cordyceps	sobolifera	C			GC			A		T		76	2						
AB027375	Cordyceps	sp	C			GC			A		T		76	2						
AB044643	Cordyceps	yakusimensis	C			GC			A		T		76	2						
AY489734	Cosmospora	coccinea	C			GC			A		T		76	2						
AY015625	Cosmospora	episphaeria	C			GC			A		T		76	2						
AY015626	Cosmospora	vilior	C			GC			A		T		76	2						
ETU57083	Echinodothis	tuberiformis	C			GC			A		T		76	2						
AF228356	Fusarium	cavispermum	C			GC			A		T		76	2						
AF130379	Fusarium	dimerum	C			GC			A		T		76	2						
AF228352	Fusarium	epistroma	C			GC			A		T		76	2						
AF228353	Fusarium	melanochlorum	C			GC			A		T		76	2						
FMU88112	Fusarium	merismoides	C			GC			A		T		76	2						
AF228359	Fusarium	sp	C			GC			A		T		76	2						
HT47831	Hirsutella	thompsonii	C			GC			A		T		76	2						
AF213029	Hypomyces	corticicola	C			GC			A		T		76	2						
AF160238	Hypomyces	mycophilus	C			GC			A		T		76	2						
AF160243	Hypomyces	stephanomatis	C			GC			A		T		76	2						
AY346290	Leptospora	gregaria	C			GC			A		T		76	2						
MF17404	Melanospora	fallax	C			GC			A		T		76	2						
AF339531	Metarhizium	flavoviride	C			GC			A		T		76	2						
AY554248	Nalanthamala	diospyri	C			GC			A		T		76	2						
AY554259	Nalanthamala	guajavae	C			GC			A		T		76	2						
AY554247	Nalanthamala	sp	C			GC			A		T		76	2						
AY554263	Nalanthamala	vermoesenii	C			GC			A		T		76	2						
NAU88122	Nectria	aurantiaca	C			GC			A		T		76	2						
NCRGND	Nectria	cinnabarina	C			GC			A		T		76	2						
NC17407	Nectria	cosmariospora	C			GC			A		T		76	2						
NEU88100	Nectria	episphaeria	C			GC			A		T		76	2						
NFU88103	Nectria	flammea	C			GC			A		T		76	2						
AY138481	Nectria	mauritiicola	C			GC			A		T		76	2						
NP17410	Nectria	pseudotruchia	C			GC			A		T		76	2						
NPU88099	Nectria	purtonii	C			GC			A		T		76	2						
FVRGN	Nectria	ventricosa	C			GC			A		T		76	2						
NVU57348	Nectria	vilior	C			GC			A		T		76	2						

Accession Number	28S Genus	Species	3' end NLB4				3' end NLC2				Species per cluster	Cluster number					
			G	T	C	A	G	A	G	T			C	A			
AF098398	Gomphidius	glutinosus			GC								4	13			
AF356665	Lasallia	pennsylvanica			GC								4	13			
AY645059	Paxillus	vernalis			GC								4	13			
AY548810	Dendrographa	leucophaea			C								3	14			
AY548812	Lecanactis	abietina			C								3	14			
AY548815	Schismatomma	decolorans			C								3	14			
AF274100	Pertusaria	erythrella			C								3	15			
AF274099	Pertusaria	scaberula			C								3	15			
AY300854	Pertusaria	subventosa			C								3	15			
AY583331	Marchandiomyces	corallinus	A							C			G	2	16		
AY583332	Marchandiomyces	lignicola	A							C			G	2	16		
CRO312102	Chaetomium	robustum	C	A						A			T	2	17		
AF396873	Natantispora	lotica	C	A						A			T	2	17		
AY346256	Albertiniella	sp	C							A	C		T	2	18		
AY346283	Helminthosphaeria	clavariar	C							A	C		T	2	18		
AF339518	Aphanocladium	album	C				N			A			T	2	19		
AF339565	Lecanicillium	attenuatum	C				N			A			T	2	19		
AY548814	Roccella	boergesenii	C	C						GC				2	20		
AY584654	Roccella	fuciformis	C	C						GC				2	20		
AY016363	Lojkania	enalia			C					C				2	21		
AF284133	Salal	root			C					C				2	21		
AD29795	Aspergillus	deflectus			G					GC				2	22		
AF433068	Aspergillus	lucknowensis			G					GC				2	22		
AF398484	Kluyveromyces	sinensis								C				2	23		
AF291358	Protomerulius	africanus								C				2	23		
PGI488126	Pseudotrametes	gibbosa								C				G	2	24	
AY586703	Pycnoporus	cinnabarinus								C				G	2	24	
AY219387	Crustoderma	flavescens			T					A				2	25		
AY219388	Crustoderma	longicystidia			T					A				2	25		
AY219386	Crustoderma	cornea	A		C					A				1	26		
AF141633	Phlebia	tristis	A		T					A				1	27		
AY350578	Arthonia	dispersa	C	C			A			GC				1	28		
AY350580	Combea	mollusca	C	C						GC				1	29		
AF339535	Rotiferophthora	angustispor	C	C			N			GC				1	30		
AF440664	Sebacina	sp	C											1	31		
CP47826	Claviceps	paspali	C				T			GC				A	1	32	
AY346269	Caudatispora	biapiculata	C	GC						GC				C A	1	33	
AY227118	Littispora	abonnis	C	GC			N			GC				A	1	34	
VR44092	Varicosporina	ramulosa	C	GG						GC				A	1	35	
AF539469	Sagaaromyces	abonnis	C	G						GC				A	1	36	
AY648106	Rhizoplaca	orientalis			C									C	1	37	
AF291315	Ductifera	pululahuana			G									A	1	38	
HCI406450	Hyphodontia	cineracea					A								1	39	
AF218544	Russula	adusta					C								1	40	
AY509553	Eichleriella	leveilleana												T	1	41	
AF139959	Hohenbuehelia	portegna												N	1	42	
AY174781	Cortinarius	infractus								G					1	43	
AY300870	Umbilicaria	proboscidea								G					1	44	
AF005703	Saccharomyces	paradoxus								C					1	45	
AF291329	Exidiopsis	sp								G					1	46	
AY177250	Rhizopogon	subareolatus					N			A					1	47	
AY509550	Efibulobasidium	rolleyi					G								1	48	
AF279408	Schismatomma	pericleum			C A					GC					1	49	
AF274101	Pertusaria	amara			CC					G					1	50	
AF279400	Mycopepon	smithii			GC									C	1	51	
AY394689	Uncultured	ascomycete			GC					G					1	52	
AP29807	Aspergillus	parvulus			GG										1	53	
AF279376	Arthrotraphis	citrinella			GG					G					1	54	
AF291295	Basidioidendron	cinereum			G									A	1	55	
HAL406453	Hyphodontia	alutacea			N		A								1	56	
AF071528	Boletus	satanas			N										1	57	
AF291337	Heterochaetella	dubia	K												1	58	
AY174810	Cortinarius	scaurus	R												1	59	
AY612802	Boletus	edulis	R				G								1	60	
AF291348	Myxarium	granulum	T											T	1	61	
AF479200	Abelia	triflora	C	GG						GC				G	C	93	62
AY189029	Actinotus	helianthi	C	GG						GC				G	C	93	62
AY260009	Alangium	chinense	C	GG						GC				G	C	93	62
AY260007	Alangium	kurzii	C	GG						GC				G	C	93	62
AF297544	Alangium	platanifolium	C	GG						GC				G	C	93	62
AF479162	Alangium	sp	C	GG						GC				G	C	93	62
AF479208	Altingia	excelsa	C	GG						GC				G	C	93	62
AY189032	Anginon	rugosum	C	GG						GC				G	C	93	62
AF479222	Aralia	sp	C	GG						GC				G	C	93	62
AY189035	Aralia	spinosa	C	GG						GC				G	C	93	62
AY189037	Arctopus	echinatus	C	GG						GC				G	C	93	62
AY189039	Arthrophyllum	mackeei	C	GG						GC				G	C	93	62
AY189040	Astrantia	major	C	GG						GC				G	C	93	62
AY034040	Athrotaxis	cupressoides	C	GG						GC				G	C	93	62

Accession Number	Genus	Species	28S			3' end	NLB4	3' end	NLC2	Species per cluster	Cluster number													
			G	T	C	A	T	A	G			A	G	G	G	T	T	G	G	G	A	T	G	C
AY034042	Athrotaxis	selaginoides	C	G	G			G		C	93	62												
AY189044	Azorella	macquariensis	C	G	G			G		C	93	62												
AY189046	Azorella	selago	C	G	G			G		C	93	62												
AF479246	Barnadesia	caryophylla	C	G	G			G		C	93	62												
AY292902	Brasenia	schreberi	C	G	G			G		C	93	62												
AF479112	Brexia	madagascariensis	C	G	G			G		C	93	62												
AF479191	Campanula	trachelium	C	G	G			G		C	93	62												
AY260010	Camptotheca	acuminata	C	G	G			G		C	93	62												
AF389240	Caulophyllum	thalictroides	C	G	G			G		C	93	62												
AY189054	Centella	erecta	C	G	G			G		C	93	62												
AF274639	Cercidiphyllum	japonicum	C	G	G			G		C	93	62												
AY189055	Cheirodendron	trigynum	C	G	G			G		C	93	62												
AF479190	Codonopsis	pilosula	C	G	G			G		C	93	62												
AY260011	Cornus	disciflora	C	G	G			G		C	93	62												
AF297533	Cornus	kousa	C	G	G			G		C	93	62												
AF297535	Cornus	mas	C	G	G			G		C	93	62												
AF297539	Cornus	oblonga	C	G	G			G		C	93	62												
AF297536	Cornus	officinalis	C	G	G			G		C	93	62												
AF297538	Cornus	racemosa	C	G	G			G		C	93	62												
AF479213	Coryloopsis	pauciflora	C	G	G			G		C	93	62												
AF274642	Coryloopsis	sinensis	C	G	G			G		C	93	62												
CJU90703	Cryptomeria	japonica	C	G	G			G		C	93	62												
CLU90699	Cunninghamia	lanceolata	C	G	G			G		C	93	62												
AY260012	Curtisia	dentata	C	G	G			G		C	93	62												
AY189057	Cussonia	spicata	C	G	G			G		C	93	62												
AY189060	Dendropanax	arboreus	C	G	G			G		C	93	62												
AF205123	Dioscorea	macrostachya	C	G	G			G		C	93	62												
AF274645	Disanthus	cercidifolius	C	G	G			G		C	93	62												
AF479189	Donatia	sp	C	G	G			G		C	93	62												
AY189065	Eleutherococcus	trifoliatus	C	G	G			G		C	93	62												
AY189068	Eryngium	bourgattii	C	G	G			G		C	93	62												
AF479113	Euonymus	alatus	C	G	G			G		C	93	62												
AF479219	Exbucklandia	populnea	C	G	G			G		C	93	62												
AY189069	Fatsia	japonica	C	G	G			G		C	93	62												
AY034043	Glyptostrobus	pensiilis	C	G	G			G		C	93	62												
AF479197	Griselinia	lucida	C	G	G			G		C	93	62												
AY260019	Grubbia	rosmarinifolia	C	G	G			G		C	93	62												
AF479183	Helianthus	annuus	C	G	G			G		C	93	62												
AY189074	Heteromorpha	trifoliata	C	G	G			G		C	93	62												
AF223066	Humulus	lupulus	C	G	G			G		C	93	62												
AY189076	Hydrocotyle	bowlesiioides	C	G	G			G		C	93	62												
AF479221	Hydrocotyle	sp	C	G	G			G		C	93	62												
AY189078	Hydrocotyle	verticillata	C	G	G			G		C	93	62												
AY260021	Hydrostachys	multifida	C	G	G			G		C	93	62												
AF146016	Ipomoea	lacunosa	C	G	G			G		C	93	62												
AF148499	Jacquemontia	tamnifolia	C	G	G			G		C	93	62												
AY189080	Kalopanax	pictus	C	G	G			G		C	93	62												
AF479206	Lambertia	inermis	C	G	G			G		C	93	62												
AF274653	Leea	guineensis	C	G	G			G		C	93	62												
AF479217	Liquidambar	styraciflua	C	G	G			G		C	93	62												
AF479160	Manilkara	zapota	C	G	G			G		C	93	62												
AY189085	Melanophylla	alnifolia	C	G	G			G		C	93	62												
AY034044	Metasequoia	glyptostroboideis	C	G	G			G		C	93	62												
AY189087	Micropleura	renifolia	C	G	G			G		C	93	62												
AY189088	Motherwellia	haplosciadea	C	G	G			G		C	93	62												
AY189093	Mulinum	sp	C	G	G			G		C	93	62												
AF274656	Mytilaria	laosensis	C	G	G			G		C	93	62												
AF274657	Paeonia	brownii	C	G	G			G		C	93	62												
AF274658	Paeonia	californica	C	G	G			G		C	93	62												
AF274659	Paeonia	suffruticosa	C	G	G			G		C	93	62												
AF274660	Paeonia	tenuifolia	C	G	G			G		C	93	62												
AF274662	Platanus	occidentalis	C	G	G			G		C	93	62												
AF222404	Pleurostyliia	opposita	C	G	G			G		C	93	62												
AY189102	Polyscias	guilfoylei	C	G	G			G		C	93	62												
AY189103	Pseudopanax	arboreus	C	G	G			G		C	93	62												
AY189107	Sanicula	gregari	C	G	G			G		C	93	62												
AY189108	Schefflera	arboricola	C	G	G			G		C	93	62												
SVU90698	Sciadopitys	verticillata	C	G	G			G		C	93	62												
SSU90701	Sequoia	sempervirens	C	G	G			G		C	93	62												
AY034045	Sequoiadendron	giganteum	C	G	G			G		C	93	62												
TCU90700	Taiwania	cryptomerioides	C	G	G			G		C	93	62												
AY056503	Thuja	plicata	C	G	G			G		C	93	62												
TGU90696	Torreya	grandis	C	G	G			G		C	93	62												
AY189113	Torriceia	tiliifolia	C	G	G			G		C	93	62												
AY189114	Trachymene	coerulea	C	G	G			G		C	93	62												
AY189115	Trevesia	palmata	C	G	G			G		C	93	62												
AY189116	Tupidanthus	calypratus	C	G	G			G		C	93	62												
AF479199	Valeriana	officinalis	C	G	G			G		C	93	62												
AF479207	Vitis	aestivalis	C	G	G			G		C	93	62												

