

Table S1. GenBank/UNITE accession numbers, voucher numbers, substrates, localities and references for the specimens included in this study. The newly generated sequences are in bold.						
Species	GenBank No./UNITE Database accession No.		Voucher number	Substrate	Locality	references
	ITS	LSU				
<i>Odontia ferruginea</i> Pers.	UDB000285	–	TAAM149492	–	Estonia	[1]
<i>O. ferruginea</i> Thelephora	UDB025793	–	TU110988	–	Estonia	[1]
<i>anthocephala</i> (Bull.) Fr.	UDB000213	UDB018693	TAAM165304	–	Sweden	[2]
<i>Th. anthocephala</i>	–	KP454019	UBCF28410	–	Canada	GenBank Database
<i>Th. atra</i> Weinm.	UDB000235	UDB018697	TAAM149211	–	Russia	[2]
<i>Th. atra</i>	UDB026547	–	L9379	–	Italy	UNITE Database
<i>Th. caryophyllea</i> (Schaeff.) Pers.	–	MK602776	ELarsson89-09	–	Sweden	[3]
<i>Th. caryophyllea</i>	UDB000212	UDB018694	TAAM172626	–	Estonia	[4]
<i>Th. ellisii</i> (Sacc.) Jülich & Stalpers	UDB011603	–	TU115347	–	Finland	UNITE Database
<i>Th. ellisii</i>	UDB000226	–	TU123494	–	Germany	UNITE Database
<i>Th. wakefieldiae</i> Zmitr., Shchepin, Volobuev & Myasnikov	UDB011601	–	TU115353	–	Finland	UNITE Database
<i>Th. wakefieldiae</i>	UDB011599	–	TU115350	–	Finland	UNITE Database
<i>Tomentella</i>	MT152155	MT154238	Yuan 14268	On fallen branch of	China:	This study

<i>aurantispora</i>				<i>Picea schrenkiana</i> On fallen branch of <i>Picea schrenkiana</i>	Xinjiang China: Xinjiang	This study
<i>T. aurantispora</i>	MT152156	MT154239	Yuan 14276	Undersides of dead, burned barks, logs, and leaf litter of native trees	Benin	[5]
<i>T. africana</i> Yorou & Agerer	EF507254	–	SYN 991	Undersides of dead, burned barks, logs, and leaf litter of native trees	Benin	[5]
<i>T. africana</i>	EF507256	–	SYN 890	On dead valves of <i>Afzelia africana</i> Smith ex Pers.	Guinea	[6]
<i>T. afrostoposa</i> Yorou	JF520431	–	SYN 2292	On dead valves of <i>Afzelia africana</i>	Guinea	[6]
<i>T. afrostoposa</i>	NR119954	–	M SYN 2292	Undersides of dead, burned barks, logs, and leaf litter of native trees	Benin	[7]
<i>T. agbassaensis</i>	EF507257	–	SYN 981	On dead valves of <i>Afzelia africana</i>	Benin	[7]
<i>T. agbassaensis</i> Yorou	NR119638	–	M SYN 981	On dead valves of <i>Afzelia africana</i>	Benin	[8]
<i>T. agereri</i> Yorou	EF538424	–	M RA 13793	On dead valves of <i>Afzelia africana</i>	Benin	[8]
<i>T. agereri</i>	NR119641	–	RA 13793	ECM root tips of <i>Polygonum viviparum</i> L.	Austria	[9]
<i>T. alpina</i> Peintner & Dämmrich	EF655702	–	IB 20060231	ECM root tips of	Austria	[9]
<i>T. alpina</i>	NR121330	–	B20060231			

<i>T. amyloapiculata</i> Yorou	EF507263	–	M SYN 893	<i>Polygonum viviparum</i> On dead valves of <i>Afzelia africana</i>	Benin	[7]
<i>T. amyloapiculata</i>	–	UDB016726	TU102067	–	Zambia	UNITE Database
<i>T. asiae-orientalis</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211711	MK446334	Yuan 12022	On fallen angiosperm twig	China	[10]
<i>T. asiae-orientalis</i>	MK211710	MK446333	Yuan 11918	On fallen branch of <i>Pinus koraiensis</i>	China	[10]
<i>T. asperula</i> (P. Karst.) Höhn. & Litsch.	–	UDB018469	TU108147	–	Estonia	UNITE Database
<i>T. asperula</i>	KF498576	–	MT7	<i>Fagus sylvatica</i> L.	Germany	NCBI Database
<i>T. atroarenicolor</i> Nikol.	–	UDB018480	TU100676	Under decayed wood	Estonia	UNITE Database
<i>T. atroarenicolor</i>	–	UDB016303	TU115438	–	Estonia	UNITE Database
<i>T. atrobadia</i> H.S. Yuan & Y.C. Dai	KY686248	MK446335	Yuan 11099	On rotten angiosperm branch	China	[10]
<i>T. atrobadia</i>	KY686249	MK446336	Yuan 11114	On rotten angiosperm wood debris	China	[10]
<i>T. atrocastanea</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211743	MK446338	Yuan 12179	On rotten angiosperm wood debris	China	[10]
<i>T. atrocastanea</i>	MK211742	MK446337	Yuan 12170	On rotten angiosperm wood debris	China	[10]
<i>T. aureomarginata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211744	MK446339	Yuan 10671	On rotten angiosperm wood debris	China	[10]

<i>T. aureomarginata</i>	MK211745	MK878395	Yuan 10683	On rotten angiosperm wood debris	China	[10]
<i>T. badia</i> (Link) Stalpers	UDB000952	–	UK427	–	Estonia	UNITE Database
<i>T. badia</i>	UDB000238	–	TAA159022	–	Russia	[2]
<i>T. beaveriae</i> Suvi & Kõljalg	–	UDB015002	TU105060	<i>Intsia bijuga</i> (Colebr.) O. Kuntze	Seychelles	[11,12]
<i>T. beaveriae</i>	–	UDB017787	TU103595	<i>Intsia bijuga</i>	Seychelles	[11,12]
<i>T. botryoides</i> (Schwein.) Bourdot & Galzin	UDB000255	AY586717	KHL8453	–	Sweden	[13]
<i>T. botryoides</i>	UDB000257	–	TAAM149614	–	Russia	[2]
<i>T. bresadolae</i> (Brinkmann) Bourdot & Galzin	UDB020335	–	TU115616	–	Slovenia	UNITE Database
<i>T. bresadolae</i>	UDB016311	–	TU115447	–	Estonia	UNITE Database
<i>T. brevis</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211746	MK446340	Yuan 11328	On fallen angiosperm branch	China	[10]
<i>T. brevis</i>	MK211747	MK878396	Yuan 11332	On fallen angiosperm branch	China	[10]
<i>T. brunneocystidia</i> Yorou & Agerer	DQ848613	–	SYN 839	On dead barks and logs of native trees	Benin	[14]
<i>T. brunneocystidia</i>	DQ848610	–	RA 13779	On dead barks and logs of native trees	Benin	[14]
<i>T. brunneoflava</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211749	MK850194	Yuan 12162	On rotten angiosperm wood debris	China	[10]
<i>T. brunneoflava</i>	MK211748	MK446341	Yuan 12161	On fallen branch of <i>Larix</i> sp.	China	[10]

<i>T. brunneogrisea</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211751	MK446343	Yuan 12147	On fallen angiosperm branch	China	[10]
<i>T. brunneogrisea</i>	MK211750	MK446342	Yuan 12146	On fallen angiosperm branch	China	[10]
<i>T. brunneorufa</i> M.J. Larsen	UDB000274	–	TAAM159857	Thelephora- Tomentella EcM lineages	Australia	UNITE Database
<i>T. bryophila</i> (Pers.) M.J. Larsen	UDB014252	–	TU116131	–	Estonia	UNITE Database
<i>T. bryophila</i>	–	UDB028250	TU124259	–	Estonia	UNITE Database
<i>T. capitata</i> Yorou & Agerer	DQ848611	–	RA13785	On dead bark and log	Benin	[14]
<i>T. capitata</i>	DQ848612	–	SYN 860	On dead bark and log	Benin	[14]
<i>T. capitatocystidiata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211700	MK446344	Yuan 11459	On fallen angiosperm branch	China	[10]
<i>T. capitatocystidiata</i>	MK211701	MK446345	Yuan 11494	On fallen angiosperm branch	China	[10]
<i>T. castanea</i> (Bourdot & Galzin) Donk	UDB005597	–	B923	–	Iran	UNITE Database
<i>T. castanea</i>	UDB000120	–	TL-6886	–	Denmark	[15]
<i>T. changbaiensis</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211739	MK446347	Yuan 11496	On fallen angiosperm branch	China	[10]
<i>T. changbaiensis</i>	MK211738	MK446346	Yuan 11477	On fallen angiosperm branch	China	[10]
<i>T. cinerascens</i> (P. Karst.) Höhn. &	–	UDB016193	TU108037	–	Estonia	UNITE Database

Litsch.						
<i>T. cinerascens</i>	–	UDB016498	TU111378	–	Italy	UNITE Database
<i>T. cinereoumbrina</i> (Bres.) Stalpers	UDB011602	–	TU115342	–	Finland	UNITE Database
<i>T. cinereoumbrina</i>	UDB016491	–	TU111371	–	Italy	UNITE Database
<i>T. citrinocystidiata</i> H.S. Yuan & Y.C. Dai	KY686246	MK446348	Yuan 10680	On rotten angiosperm wood debris	China	[10]
<i>T. citrinocystidiata</i>	KY686247	MK446349	Yuan 10743	On rotten angiosperm wood debris	China	[10]
<i>T. clavigera</i> Litsch.	UDB016389	–	TU115532	–	Estonia	UNITE Database
<i>T. coerulea</i> Höhn. & Litsch.	UDB016469	–	TU115602	–	Estonia	UNITE Database
<i>T. coerulea</i>	UDB000266	–	TAAM153804	–	Estonia	UNITE Database
<i>T. coffeae</i> H.S. Yuan & Y.C. Dai	KY686254	MK446350	Yuan 10629	On rotten angiosperm wood debris	China	[10]
<i>T. coffeae</i>	KY686255	MK446351	Yuan 11100	On fallen angiosperm branch	China	[10]
<i>T. conclusa</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211703	MK850195	Yuan 12086	On fallen angiosperm branch	China	[10]
<i>T. conclusa</i>	MK211702	MK446352	Yuan 11986	On fallen trunk of <i>Pinus koraiensis</i>	China	[10]
<i>T. cystidiata</i> H.S. Yuan & Y.C. Dai	KY686219	MK446353	Yuan 10620	On rotten angiosperm wood debris	China	[10]
<i>T. cystidiata</i>	KY686218	MK446354	Yuan 10693	On rotten angiosperm wood debris	China	[10]
<i>T. dimidiata</i> H.S.	MK211704	MK446355	Yuan 11205	On fallen angiosperm	China	[10]

Yuan, X. Lu & Y.C. Dai				branch		
<i>T. dimidiata</i>	MK211705	MK446356	Yuan 11267	On fallen angiosperm branch	China	[10]
<i>T. duplexa</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211707	MK446358	Yuan 12207	On rotten angiosperm wood debris	China	[10]
<i>T. duplexa</i>	MK211706	MK446357	Yuan 12202	On rotten angiosperm wood debris	China	[10]
<i>T. efibulata</i> H.S. Yuan & Y.C. Dai	KY686228	MK446359	Yuan 10699	On rotten angiosperm wood debris	China	[10]
<i>T. efibulata</i>	KY686229	MK446360	Yuan 11167	On rotten angiosperm wood debris	China	[10]
<i>T. efibulis</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211708	MK446361	Yuan 11241	On fallen angiosperm branch	China	[10]
<i>T. efibulis</i>	MK211709	MK446362	Yuan 11329	On fallen angiosperm branch	China	[10]
<i>T. farinosa</i> H.S. Yuan & Y.C. Dai	KY686251	–	Yuan 10656	On rotten angiosperm wood debris	China	[10]
<i>T. farinosa</i>	KY686250	–	Yuan 10666	On rotten angiosperm trunk	China	[10]
<i>T. flavidobadia</i> H.S. Yuan & Y.C. Dai	KY686231	MK446364	Yuan 11044	On fallen angiosperm branch	China	[10]
<i>T. flavidobadia</i>	KY686230	MK446365	Yuan 11061	On fallen angiosperm branch	China	[10]
<i>T. fuscocinerea</i> (Pers.) Donk	UDB000960	–	KHL11906	–	Sweden	UNITE Database
<i>T. fuscocinerea</i>	UDB000240	UDB018703	TAAM149918	–	Estonia	[2]
<i>T. fuscocrustosa</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211713	MK446367	Yuan 11420	On fallen angiosperm branch	China	[10]

<i>T. fuscocrustosa</i>	MK211712	MK446366	Yuan 11399	On fallen angiosperm branch	China	[10]
<i>T. fuscifarinos</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211715	MK446369	Yuan 12142	On fallen angiosperm branch	China	[10]
<i>T. fuscifarinos</i>	MK211714	MK446368	Yuan 12125	On fallen angiosperm branch	China	[10]
<i>T. fuscogranulosa</i> H.S. Yuan & Y.C. Dai	KY686232	MK446370	Yuan 10733	On fallen angiosperm branch	China	[10]
<i>T. fuscogranulosa</i>	KY686233	MK446371	Yuan 10725	On fallen angiosperm branch	China	[10]
<i>T. fuscopelliculosa</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211716	MK446372	Yuan 11305	On fallen angiosperm branch	China	[10]
<i>T. fuscopelliculosa</i>	MK211717	MK446373	Yuan 11316	On fallen angiosperm branch	China	[10]
<i>T. galzinii</i> Bourdot	UDB000264	–	RS27093	–	Finland	UNITE Database
<i>T. galzinii</i>	HQ204743	–	2007BBF2	<i>Quercus ilex</i> L.	France	[16]
<i>T. globosa</i> X. Lu, K. Steffen & H.S. Yuan	MG136838	MH201367	Yuan 11618	On rotten angiosperm wood debris	Finland	[17]
<i>T. globosa</i>	MG136839	MN684328	Yuan 11603	On rotten angiosperm wood debris	Finland	[17]
<i>T. globospora</i> H.S. Yuan & Y.C. Dai	KY686242	MK446374	Yuan 10668	On rotten angiosperm wood debris	China	[10]
<i>T. globospora</i>	KY686243	MK446375	Yuan 10748	On rotten angiosperm wood debris	China	[10]
<i>T. gloeocystidiata</i> H.S. Yuan & Y.C. Dai	KY686220	MK446376	Yuan 11171	On rotten angiosperm wood debris	China	[10]
<i>T. gloeocystidiata</i>	KY686221	MK446377	Yuan 11200	On rotten angiosperm	China	[10]

				wood debris		
<i>T. griseocastanea</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211719	MK446379	Yuan 11409	On fallen angiosperm branch	China	[10]
<i>T. griseocastanea</i>	MK211718	MK446378	Yuan 11401	On fallen angiosperm branch	China	[10]
<i>T. griseofusca</i> H.S. Yuan & Y.C. Dai	KY686252	MK446380	Yuan 11094	On rotten angiosperm branch	China	[10]
<i>T. griseofusca</i>	KY686253	MK446381	Yuan 11104	On rotten angiosperm wood debris	China	[10]
<i>T. griseomarginata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211721	MK446383	Yuan 11468	On fallen angiosperm branch	China	[10]
<i>T. griseomarginata</i>	MK211720	MK446382	Yuan 11458	On fallen angiosperm branch	China	[10]
<i>T. guineensis</i> Yorou	JF520432	–	SYN 2331	On dead logs, under <i>Afzelia africana</i>	Guinea	[6]
<i>T. guineensis</i>	NR119955	–	M SYN 2331	On dead valves of <i>Afzelia africana</i>	Guinea	[6]
<i>T. hjortstamiana</i> Suvi & Kõljalg	AM412303	–	TU103641	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. hjortstamiana</i>	KC222770	–	Toohyp24	–	Australia	NCBI Database
<i>T. inconspicua</i> H.S. Yuan & Y.C. Dai	KY686234	MK446385	Yuan 11107	On rotten angiosperm branch	China	[10]
<i>T. inconspicua</i>	KY686235	MK446384	Yuan 11060	On rotten angiosperm wood debris	China	[10]
<i>T. incrustata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211723	MK446387	Yuan 12189	On fallen angiosperm branch	China	[10]

<i>T. incrustata</i>	MK211722	MK446386	Yuan 11158	On fallen angiosperm branch	China	[10]
<i>T. interrupta</i> H.S. Yuan & Y.C. Dai	KY686236	MK446388	Yuan 10775	On rotten angiosperm wood debris	China	[10]
<i>T. interrupta</i>	KY686237	MK446389	Yuan 11203	On rotten angiosperm branch	China	[10]
<i>T. intsiae</i> Suvi & Kõljalg	UDB039732	–	TU123956	–	Seychelles	UNITE Database
<i>T. intsiae</i>	AM412296	–	TU105130	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. kanasensis</i>	MT152151	MT154234	Yuan 14029	On fallen branch of <i>Picea obovata</i>	China: Xinjiang	This study
<i>T. kanasensis</i>	MT152152	MT154235	Yuan 14034	On fallen branch of <i>Picea obovata</i>	China: Xinjiang	This study
<i>T. lammiensis</i> X. Lu, K. Steffen & H.S. Yuan	MG136840	MH201366	Yuan 11617	On rotten angiosperm wood debris	Finland	[17]
<i>T. lammiensis</i>	MG136841	MH201364	Yuan 11597	On rotten angiosperm wood debris and broad leaf litter	Finland	[17]
<i>T. lapida</i> (Pers.) Stalpers	–	UDB016370	TU115604	–	Estonia	UNITE Database
<i>T. lapida</i>	–	UDB016305	TU115440	–	Estonia	UNITE Database
<i>T. larssoniana</i> Suvi & Kõljalg	–	UDB017785	TU103690	<i>Intsia bijuga</i>	Seychelles	[11]
<i>T. larssoniana</i>	UDB017790	–	TU105082	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. lateritia</i> Pat.	UDB000963	–	NF S045	–	Norway	UNITE Database
<i>T. lateritia</i>	UDB000954	–	TU108551	–	Estonia	UNITE Database
<i>T. liaoningensis</i> H.S.	MK250814	–	Yuan 10681	On rotten angiosperm	China	[10]

Yuan & Y.C. Dai				wood debris		
<i>T. liaoningensis</i>	KY686257	–	Yuan 10707	On fallen angiosperm branch	China	[10]
<i>T. lilacinogrisea</i> Wakef.	–	UDB018468	TU108189	–	Estonia	UNITE Database
<i>T. lilacinogrisea</i>	–	UDB016500	TU111381	–	Italy	UNITE Database
<i>T. longiaculeifera</i> H.S. Yuan & Y.C. Dai	KY686238	MK446391	Yuan 10744	On bark of fallen angiosperm trunk	China	[10]
<i>T. longiaculeifera</i>	KY686239	MK446392	Yuan 11119	On rotten angiosperm branch	China	[10]
<i>T. longiechinuli</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211726	MK446393	Yuan 11979	On fallen angiosperm branch	China	[10]
<i>T. longiechinuli</i>	MK211727	MK446394	Yuan 12083	On fallen angiosperm branch	China	[10]
<i>T. longisterigmata</i> X. Lu, K. Steffen & H.S. Yuan	MG136836	MN684325	Yuan 11610	On rotten angiosperm wood debris.	Finland	[17]
<i>T. longisterigmata</i>	MG136837	MH201365	Yuan 11602	On rotten angiosperm wood debris.	Finland	[17]
<i>T. maroana</i> Yorou	EF507250	–	SYN 878	Undersides of dead, burned barks, logs, and leaf litter of native trees.	Benin	[8]
<i>T. maroana</i>	NR119636	–	M SYN 878	Undersides of dead, burned barks, logs, and leaf litter of native trees.	Benin	[8]
<i>T. megaspora</i> H.S.	MK211724	MK446395	Yuan 11326	On fallen angiosperm	China	[10]

Yuan, X. Lu & Y.C. Dai				branch		
<i>T. megaspora</i>	MK211725	MK446396	Yuan 11472	On fallen angiosperm branch	China	[10]
<i>T. muricata</i> (Ellis & Everh.) Wakef.	UDB003303	–	TU100771	–	Estonia	UNITE Database
<i>T. muricata</i>	UDB003310	–	TU100729	–	Finland	UNITE Database
<i>T. nitellina</i> Bourdot & Galzin	EF411085	–	L2AA1	<i>Quercus wislizeni</i> A. DC.	USA	[19]
<i>T. nitellina</i>	DQ974778	–	src675	<i>Quercus douglasii</i> Hook. & Arn.	USA	[20]
<i>T. olivacea</i> H.S. Yuan & Y.C. Dai	KY686224	MK446397	Yuan 11043	On rotten angiosperm branch	China	[10]
<i>T. olivacea</i>	KY686225	MK446398	Yuan 11139	On rotten angiosperm branch	China	[10]
<i>T. olivaceobrunnea</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211728	MK446399	Yuan 11194	On rotten angiosperm wood debris	China	[10]
<i>T. olivaceobrunnea</i>	MK211729	MK446400	Yuan 12148	On rotten angiosperm wood debris	China	[10]
<i>T. pallidobrunnea</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211731	MK446402	Yuan 11493	On rotten angiosperm branch	China	[10]
<i>T. pallidobrunnea</i>	MK211730	MK446401	Yuan 11481	On fallen angiosperm branch	China	[10]
<i>T. pallidocastanea</i> X. Lu, Y.H. Mu & H.S. Yuan	MG799183	MN684323	Yuan 11416	On rotten angiosperm wood debris	China	[21]
<i>T. pallidocastanea</i>	MG816514	MN684324	Yuan 12034	On rotten angiosperm	China	[21]

				wood debris		
<i>T. pallidomarginata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211733	MK446404	Yuan 11474	On fallen angiosperm branch	China	[10]
<i>T. pallidomarginata</i>	MK211732	MK446403	Yuan 11404	On fallen angiosperm branch	China	[10]
<i>T. parmastoana</i> Suvi & Kõljalg	–	UDB016713	TU105091	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. parmastoana</i>	–	UDB017782	TU103691	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. parvispora</i> H.S. Yuan & Y.C. Dai	KY686226	MK446405	Yuan 11144	On fallen angiosperm branch	China	[10]
<i>T. parvispora</i>	KY686227	MK446406	Yuan 11196	On fallen angiosperm branch	China	[10]
<i>T. patagonica</i> Kuhar & Rajchenb.	KT032091	KT032103	BAFC52373	On rotten wood under <i>Nothofagus dombeyi</i> Mirb.	Argentina	[12]
<i>T. patagonica</i>	KT032090	KT032102	BAFC52372	On rotten wood under <i>Nothofagus dombeyi</i>	Argentina	[12]
<i>T. pertenuis</i> H.S. Yuan & Y.C. Dai	KY686240	MK446407	Yuan 11064	On rotten angiosperm branch	China	[10]
<i>T. pertenuis</i>	KY686241	MK446408	Yuan 11131	On rotten angiosperm stump	China	[10]
<i>T. pileocystidiata</i> Suvi & Kõljalg	UDB015029	–	TU105068	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. pileocystidiata</i>	UDB017789	–	TU105054	<i>Intsia bijuga</i>	Seychelles	[18]
<i>T. pilosa</i> (Burt) Bourdot & Galzin	–	UDB028059	TU124067	–	Estonia	UNITE Database
<i>T. pilosa</i>	–	UDB028227	TU124234	–	Estonia	UNITE Database
<i>T. pisoniae</i> Suvi &	–	UDB002643	TU103671	<i>Pisonia grandis</i> R. Br	Seychelles	[18]

Köljalg						
<i>T. pisoniae</i>	UDB017778	–	TU103655	<i>Pisonia grandis</i>	Seychelles	[18]
<i>T. pulvinulata</i> Kuhar & Rajchenb	KT032089	–	BAFC52371	On rotten wood under <i>Nothofagus dombeyi</i>	Argentina	[12]
<i>T. pulvinulata</i>	KT032088	KT032101	BAFC52370	On rotten wood under <i>Nothofagus dombeyi</i>	Argentina	[12]
<i>T. punicea</i> (Alb. & Schwein.) J. Schröt.	–	UDB008231	TU110254	–	Estonia	UNITE Database
<i>T. punicea</i>	UDB000959	–	KHL11908	–	Sweden	[22]
<i>T. pyrolae</i> (Ellis & Halst.) M.J. Larsen	UDB000262	–	TAAM005998	–	Switzerland	UNITE Database
<i>T. qingyuanensis</i> H.S. Yuan & Y.C. Dai	KY686223	MK446409	Yuan 10616	On rotten angiosperm branch	China	[10]
<i>T. qingyuanensis</i>	KY686222	MK446410	Yuan 11109	On rotten angiosperm wood debris	China	[10]
<i>T. radiosa</i> (P. Karst.) Rick	–	UDB014068	TU110022	–	Ecuador	UNITE Database
<i>T. radiosa</i>	UDB000964	–	NFS010	–	Norway	UNITE Database
<i>T. schrenkiana</i>	MT152153	MT154236	Yuan 14262	On fallen trunk of <i>Picea schrenkiana</i>	China: Xinjiang	This study
<i>T. schrenkiana</i>	MT152154	MT154237	Yuan 14241	On fallen branch of <i>Picea schrenkiana</i>	China: Xinjiang	This study
<i>T. segregata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211735	MK446412	Yuan 11256	On fallen angiosperm branch	China	[10]
<i>T. segregata</i>	MK211734	MK446411	Yuan 10650	On living tree root	China	[10]
<i>T. separata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211737	MK850196	Yuan 10664	On fallen angiosperm trunk	China	[10]
<i>T. separata</i>	MK211736	MK850197	Yuan 10654	On fallen angiosperm	China	[10]

<i>T. stipitata</i> H.S. Yuan, X. Lu & Y.C. Dai	MK211740	MK446413	Yuan 11160	branch On fallen angiosperm branch	China	[10]
<i>T. stipitata</i>	MK211741	MK446414	Yuan 12143	branch On fallen angiosperm branch	China	[10]
<i>T. storea</i> H.S. Yuan & Y.C. Dai	KY686244	MK446415	Yuan 10623	On rotten angiosperm wood debris	China	[10]
<i>T. storea</i>	KY686245	MK446416	Yuan 10749	On rotten angiosperm wood debris	China	[10]
<i>T. stuposa</i> (Link) Stalpers	–	MK602778	Th0764	–	Norway	[3]
<i>T. stuposa</i>	–	UDB016174	TU115328	–	Estonia	UNITE Database
<i>T. subclavigera</i> Litsch.	–	UDB031979	TU115594	–	Finland	UNITE Database
<i>T. subclavigera</i>	–	UDB031983	TU115593	–	Finland	UNITE Database
<i>T. subtestacea</i> Bourdot & Galzin	–	UDB016180	TU115374	–	Ukraine	UNITE Database
<i>T. subtestacea</i>	–	UDB016340	TU115482	–	Estonia	UNITE Database
<i>T. tedersooi</i> Suvi & Kõljalg	UDB017781	–	TU103673	<i>Pisonia grandis</i>	Seychelles	[18]
<i>T. tedersooi</i>	UDB002644	–	TU103664	<i>Pisonia grandis</i>	Seychelles	[18]
<i>T. tenuirhizomorpha</i> X. Lu, Y.H. Mu & H.S. Yuan	MG799184	MN684326	Yuan 11964	On rotten angiosperm wood debris	China	[21]
<i>T. tenuirhizomorpha</i>	MG799185	MN684327	Yuan 12059	On rotten angiosperm wood debris	China	[21]
<i>T. tenuissima</i> Kuhar	KT032083	–	FK15011	On rotten wood under	Argentina	[12]

& Rajchenb				<i>Nothofagus pumilio</i> (Poepp. et Endl.) Krasser Under a cushion of mosses in a pure <i>Nothofagus pumilio</i> forest		
<i>T. tenuissima</i>	KT032082	KT032100	BAFC52369		Argentina	[12]
<i>T. terrestris</i> (Berk. & Broome) M.J. Larsen	UDB000222	UDB018708	EL9897	–	USA	[2]
<i>T. terrestris</i>	UDB003315	–	TU100886	–	France	UNITE Database
<i>T. umbrinospora</i> M.J. Larsen	–	UDB016499	TU111379	–	Italy	UNITE Database
<i>T. umbrinospora</i>	UDB000233	UDB018709	TAAM149462	–	Estonia	[4]
<i>T. viridula</i> (Bourdot & Galzin) Svrček	–	UDB016192	TU108038	–	Estonia	UNITE Database
<i>T. viridula</i>	UDB016392	–	TU115536	–	Estonia	UNITE Database

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