

S1 Table. Genbank accession numbers of reference strains used for phylogenetic analysis.

Species	Strain	Type	ACT	CAL	ITS	RPB2	TEF1
<i>Trichoderma afarasin</i>	Dis 377A		FJ442562	KP115277	FJ442665	FJ442799	FJ463322
<i>Trichoderma afarasin</i>	GJS 99-227	T	FJ442536	FJ442388	AY027784	-	AF348093
<i>Trichoderma afroharzianum</i>	GJS 00-24		FJ442488	AF442880	-	-	-
<i>Trichoderma afroharzianum</i>	GJS 04-186	T	FJ442531	AF442878	FJ442265	FJ442691	FJ463301
<i>Trichoderma aggressivum</i>	DAOM 222156	T	FJ442438	AF442860	NG_064979	FJ442752	AF348098
<i>Trichoderma alni</i>	CBS120.633	T	-	EU498326	EU518651	EU498349	EU498312
<i>Trichoderma amazonicum</i>	IB50	T	KC561140	-	HM142358	HM142367	HM142376
<i>Trichoderma andinense</i>	GJS 09-62		JN133581	JN175414	MH549084	JN175533	JN175587
<i>Trichoderma asperelloides</i>	GJS 04-116		GU248410	-	GU198301	GU248411	GU248412
<i>Trichoderma asperelloides</i>	GJS 04-217		DQ333564	DQ379002	DQ381957	-	DQ381958
<i>Trichoderma asperellum</i>	CGMCC 6422		GU198251	-	KF425754	KF425755	KF425756
<i>Trichoderma asperellum</i>	GJS 91-162		FJ442591	FJ442414	FJ442224	FJ442774	FJ463285
<i>Trichoderma atrobrunneum</i>	GJS 90-254	T	FJ442525	AF442883	NR_137298	FJ442735	FJ463397
<i>Trichoderma atroviride</i>	CBS 142.95	T	DQ111971	DQ122166	MH862505	EU341801	AY376051
<i>Trichoderma austrokonigii</i>	GJS 99-146	T	DQ333551	DQ379003	NR_134364	KJ842161	DQ307561
<i>Trichoderma breve</i>	TC736		-	-	KY687928	KY687984	KY688046
<i>Trichoderma brevicompactum</i>	GJS 04-381		JN133583	JN133522	EU330941	EU338317	AY937453
<i>Trichoderma brunneoviride</i>	CBS 120.928		-	EU498330	EU518661	EU498358	EU498318
<i>Trichoderma camerunense</i>	GJS 99-230	T	FJ442537	AF442875	NR_137300	-	AF348107

<i>Trichoderma capillare</i>	GJS 99-3		-	JN175411	KY225655	JN175529	JN175584
<i>Trichoderma caribbaeum</i>	GJS 98-43		DQ328606	DQ367673	DQ313139	FJ442723.	DQ284976
<i>Trichoderma catoptron</i>	GJS 02-76	T	FJ442584	FJ442387	AY737766	AY391900	AY737726
<i>Trichoderma ceraceum</i>	GJS 95-159		-	-	AF275332	AF545508	AF534603
<i>Trichoderma ceramicum</i>	CBS 114.576	T	FJ442585	FJ442401	AY737764	AF545510	AF534593
<i>Trichoderma cerinum</i>	ATCC MYA-4840	T	-	-	NR_111835	KJ842184.	AY937443.
<i>Trichoderma chlorosporum</i>	GJS 98-1		FJ442559	-	AY737762	AY391907	AY737737
<i>Trichoderma cinnamomeum</i>	GJS 97-237	T	FJ442582	JN133524	AY737759	AY391920	KJ871252
<i>Trichoderma citrinoviride</i>	DAOM 172792	T	-	JN175419	EU280098	EU280036	EU280098
<i>Trichoderma citrinoviride</i>	GJS 92-8		KR812110	JN175424	KR812111	JN175544	JN175595
<i>Trichoderma compactum</i>	YMF1.01693	T	-	-	AY941822	KP115276	KF134798
<i>Trichoderma crassum</i>	GJS 01-227		-	-	-	AY481587	JN133572.
<i>Trichoderma dacrymycellum</i>	WU 29044		-	-	FJ860749	FJ860533	-
<i>Trichoderma dingleyae</i>	GJS 02-50	T	DQ367718	DQ370461	DQ333548	KJ665257	DQ284978
<i>Trichoderma dorotheae</i>	GJS 99-202	T	DQ328603	DQ367706	DQ313145	MH874604	-
<i>Trichoderma effusum</i>	DAOM 230007		-	JN182286	DQ083008	KJ665260	AY937419
<i>Trichoderma endophyticum</i>	PP89		KP115270	KP115283	-	KP115283	-
<i>Trichoderma endophyticum</i>	DIS 217A		FJ442292	FJ442299	FJ442243	FJ442765	FJ463319
<i>Trichoderma erinaceum</i>	DAOM 230019		DQ323450	DQ122163	AY570797	EU248603	-
<i>Trichoderma erinaceum</i>	GJS 02-103		KR873095	KR873096	KR873100	KR873099	KR873097
<i>Trichoderma fertile</i>	DAOM 167161		-	-	NR_134336	AF545546	AF534618

<i>Trichoderma gamsii</i>	GJS 04-09		JN133590	JN133529	DQ315459	JN133561	DQ307541
<i>Trichoderma ghanense</i>	GJS 04-323		JN133591	JN175443	NR_120299	JN175563	JN175613
<i>Trichoderma gillesii</i>	GJS 00-72	T	-	JN175409	-	JN175527	JN175583
<i>Trichoderma guizhouense</i>	GJS 06-100		FJ442506	FJ442343	DQ018116	JQ901400	AY937440
<i>Trichoderma hamatum</i>	DIS 338A		FJ442806	-	FJ442657	FJ150776	-
<i>Trichoderma hamatum</i>	GJS 04-325		EU856267	FJ442286	EU856293	FJ150783	EU856318
<i>Trichoderma harzianum</i>	CBS 226.95	T	FJ442567	FJ577684	-	AF545549	AF348101
<i>Trichoderma harzianum</i>	GJS 95-43		AF442831	AF442864	-	-	-
<i>Trichoderma inhamatum</i>	CBS 273.78	T	FJ442561	AF442891	MH861134	FJ44272	-
<i>Trichoderma intricatum</i>	GJS 97-88	T	AY376684	DQ367680	NR_134343	EU241505	AY376060
<i>Trichoderma konilangbra</i>	CPK 132	T	-	JN182285	MH862712	KJ665284	-
<i>Trichoderma koningii</i>	CBS979.70		-	-	AF359262	-	-
<i>Trichoderma koningii</i>	GJS 89-122		AY376678	DQ367693	AY380902	-	AY376045
<i>Trichoderma koningiopsis</i>	GJS 04-379		DQ367719	DQ367702	DQ323439	-	DQ289001
<i>Trichoderma koningiopsis</i>	S359		-	-	KC874894	KJ665285	KJ665546
<i>Trichoderma koningiopsis</i>	DIS 374A		FJ442597	FJ442418	FJ442213	FJ442730	FJ463288
<i>Trichoderma koningiopsis</i>	GJS 91-6		DQ323446	DQ367705	DQ313135	-	DQ307539
<i>Trichoderma lentiforme</i>	DIS 173D		FJ442443	FJ442290	-	FJ442790	FJ851882
<i>Trichoderma lentiforme</i>	DIS 218E		FJ442449	FJ442296	FJ442220	FJ442793	FJ463310
<i>Trichoderma lentiforme</i>	DIS 354A		FJ442473	FJ442317	FJ442229	FJ442734	FJ463339
<i>Trichoderma lentiforme</i>	GJS 00-22		FJ442487	AF442861	-	FJ442687	-

<i>Trichoderma linzhiense</i>	HMAS 248846	T	-	-	NR_154575	KY687985	KY688047
<i>Trichoderma lixii</i>	GJS 97-96		FJ442533	AF442872	AF443920	AF443938	AF443938
<i>Trichoderma longibrachiatum</i>	CBS 816.68	T	JX238491	EU401459	EU401556	DQ087242	AY865640
<i>Trichoderma longibrachiatum</i>	GJS 07-21		-	JN175393	-	JN175513	JN175569
<i>Trichoderma longipile</i>	DAOM 177227	T	JN133592	JN133534	AY865630	AF545550	AF534622
<i>Trichoderma minutisporum</i>	DAOM 167069	T	DQ111977	DQ122173	NR_111192	KJ665314	KJ665612
<i>Trichoderma neokoningii</i>	GJS 04-216		-	-	DQ841734	KJ665318	DQ841718
<i>Trichoderma neotropicale</i>	CBS 130633	T	KP115268	KP115279	MH865818	-	HQ022771
<i>Trichoderma novae-zelandiae</i>	GJS 81-265		JN133595	JN133536	DQ083019	JN133563	AY937448
<i>Trichoderma oblongisporum</i>	DAOM 167085	T	JN133596	-	NR_138437	AF545551	AF534623
<i>Trichoderma orientale</i>	GJS 10-230		JQ238613	JN175403	EU401550	JN175523	JN175579
<i>Trichoderma ovalisporum</i>	Dis 70A		JQ238613	DQ379005	AY380897	FJ442742	AY376037
<i>Trichoderma paraviridescens</i>	CBS 119.321	T	-	-	NR_134367	-	DQ672610
<i>Trichoderma parepimyces</i>	CBS 122.769	T	-	-	MH863234	FJ860562	FJ860664
<i>Trichoderma petersenii</i>	GJS 04-164		DQ333566	DQ367684	DQ323442	FJ442783	DQ289004
<i>Trichoderma piluliferum</i>	CBS 814.68	T	-	-	AF011935	AF545519	AY737747
<i>Trichoderma pinnatum</i>	GJS 02-120		-	JN175396	-	JN175516	JN175572
<i>Trichoderma pleuroti</i>	CBS 124.387	T	JN133599	JN133539	MH863369	HM142372	HM142382
<i>Trichoderma pleuroticola</i>	CBS 124.383	T	JN133598	JN133538	MH863368	HM142371	HM142381
<i>Trichoderma polysporum</i>	CBS 820.68	T	DQ111976	DQ122172	MH859230	DQ087238	AY605810
<i>Trichoderma pseudokoningii</i>	CBS 408.91	T	-	-	MH862258	AF400740	-

<i>Trichoderma pseudokoningii</i>	GJS 81-300		JN133602	JN175415	DQ083025	JN175534	AY937429
<i>Trichoderma pubescens</i>	DAOM 166162	T	DQ111961	DQ122153	NR_077179	AF545552	EU279963
<i>Trichoderma pyramidale</i>	S73	T	-	-	KX632513	KJ665334	KJ665699
<i>Trichoderma reesei</i>	GJS 97-38		-	JN175432	AJ004962	JN175552	JN175603
<i>Trichoderma rifaii</i>	DIS 337F	T	FJ442471	FJ442315	FJ442621	FJ442720	FJ463321
<i>Trichoderma rifaii</i>	DIS 355B		FJ442474	-	FJ442663	-	FJ463324
<i>Trichoderma rogersonii</i>	GJS 90-78		DQ333558	DQ370457	DQ333549	JN133566	AF534586
<i>Trichoderma rossicum</i>	DAOM 230009	T	JN133605	JN133548	HQ342419	DQ087240	JN133575
<i>Trichoderma saturnisporopsis</i>	S19		-	JN175404	JQ685874	JQ685885	JN175580
<i>Trichoderma simmonsii</i>	GJS 91-138		FJ442526	AF442869	MK346240	FJ442757	KJ665721
<i>Trichoderma sinense</i>	DAOM 230004	T	-	JN175410	NR_134425	JN175528	KJ713191
<i>Trichoderma solani</i>	GJS 08-81		-	JN175426	-	JN175546	JN175597
<i>Trichoderma spirale</i>	CBS 120.963		FJ442552	FJ442363	FJ442363	-	FJ463291
<i>Trichoderma spirale</i>	DAOM 183974	T	FJ442818	FJ442395	NR_077177	AF545553	EU280049
<i>Trichoderma stramineum</i>	GJS 02-84	T	FJ442583	FJ442386	NR_134347	AY391945	AY737746
<i>Trichoderma strictipile</i>	DAOM 167072		FJ442586	FJ442399	FJ442219	KJ842182	AY937450
<i>Trichoderma strigosum</i>	DAOM 166121	T	EU856277	JN133544	DQ083027	AF545556	EU280019
<i>Trichoderma stromaticum</i>	GJS 00-02		FJ442603	HQ342333	FJ442675	FJ442714	FJ463361
<i>Trichoderma taiwanense</i>	GJS 95-93	T	DQ323455	DQ367685	DQ313141	JN715608	DQ284973
<i>Trichoderma tawa</i>	GJS 97-174	T	FJ442570	FJ442406	AY737756	KJ842187	FJ463313
<i>Trichoderma theobromicola</i>	DIS 85F	T	DQ111955	DQ122148	DQ109525	FJ150786	DQ109539

<i>Trichoderma tomentosum</i>	DAOM 178713A	T	JN133612	-	NR_134357	AF545557	EU279969
<i>Trichoderma tomentosum</i>	CBS 120.637		-	-	FJ860744	FJ860532	FJ860629
<i>Trichoderma tomentosum</i>	TRS82		-	-	KP009287	KP009177	KP008914
<i>Trichoderma velutinum</i>	DAOM 230013		JN133614	JN133550	-	JN133569	AY605803
<i>Trichoderma virens</i>	GJS 01-287		-	FJ442404	DQ083023	EU341804	AY750894
<i>Trichoderma viride</i>	CBS 119.325	T	-	-	NR_138441	EU711362	DQ672615
<i>Trichoderma viride</i>	GJS 90-79		DQ333563	DQ367707	DQ381956	-	DQ381959
<i>Trichoderma viridescens</i>	CBS 433.34	T	-	-	MH855595	-	AF456905