

Supplementary Table S2. DNA sequences downloaded from GenBank and used for phylogenetic analyses.

Species name	Sample number	Country	Accession number of sequence	
			nuc rDNA ITS	<i>megBl</i>
<i>Tricholoma matsutake</i>	TM-31	South Korea		AB298300
<i>T. matsutake</i>	TN2	Norway		AB520980
<i>T. matsutake</i>	TN1	Norway		AB520979
<i>T. matsutake</i>	TN3	Norway		AB520981
<i>T. matsutake</i>	TnFIN1	Finland		AB520982
<i>T. matsutake</i>	BH1	Bhutan		AB520959
<i>T. matsutake</i>	CH-JI1	China		AB520961
<i>T. matsutake</i>	CH-HE3	China		AB520960
<i>T. matsutake</i>	CH-YU1	China		AB520963
<i>T. matsutake</i>	CH-SI1	China		AB520962
<i>T. matsutake</i>	TM-9	China		AB298303
<i>T. matsutake</i>	751	China		AB538240
<i>T. matsutake</i>	TF-R3	Russia		AB520972
<i>T. matsutake</i>	TF-R4	Russia		AB520973
<i>T. matsutake</i>	TF-R5	Russia		AB520974
<i>T. matsutake</i>	NK05	North Korea		AB298302
<i>T. matsutake</i>	NK02	North Korea		AB298301
<i>T. matsutake</i>	Tn6	Japan	AB188554	
<i>T. matsutake</i>	F1	Japan		AB298299
<i>T. matsutake</i>	TmY1	Japan		AB298298
<i>T. matsutake</i>	TmY4	Japan		AB293550
<i>T. matsutake</i>	TmNBRC6932-A01	Japan		AB563496
<i>T. matsutake</i>	TmNBRC6933-B01	Japan		AB563497
<i>T. matsutake</i>	Tm-029	Japan		AB298297
<i>T. matsutake</i>	12850	Japan		AB538258
<i>T. matsutake</i>	TO-1	Japan		AB699617
<i>T. magnivelare</i>	MQ20-HL1613-QFB32585	Canada	MW628034	
<i>T. magnivelare</i>	NYSf2421	USA	LT220177	
<i>T. murrillianum</i>	SAT-00-283-55	USA	MW597239	
<i>T. murrillianum</i>	TM-10	Canada		AB298306
<i>T. murrillianum</i>	Tp-C3	Canada		AB293549
<i>T. murrillianum</i>	CA1	Canada		AB535196
<i>T. mesoamericanum</i>	FCME21585	Mexico	KX037037	
<i>T. mesoamericanum</i>	MX1	Mexico		AB520966
<i>T. mesoamericanum</i>	TM-4	Mexico		AB298305
<i>T. mesoamericanum</i>	TM-4	Mexico		AB298305
<i>T. anatolicum</i>	S-2-2-1	Turkey		AB520967
<i>T. anatolicum</i>	S-2-3	Turkey		AB520968
<i>T. anatolicum</i>	TM5	Morocco		AB520978
<i>T. anatolicum</i>	MC1	Morocco		AB298304
<i>T. anatolicum</i>	S-3-2-1	Turkey		AB520969
<i>T. dulciolens</i>	H7002022	Sweden	AB738883	
<i>T. dulciolens</i>	14633	Italy	JF908732	
<i>T. ilkkae</i>	SCM:B-4205	Spain	AB738881	
<i>T. ilkkae</i>	SCM:B-4346	Spain	AB738882	
<i>T. focale</i>	JV97239	Sweden	LT000166	
<i>T. fulvocastaneum</i>	rlc-567	China	MW421575	
<i>T. fulvocastaneum</i>	WK-N1	Japan		AB520965
<i>T. fulvocastaneum</i>	NBRC	Japan		AB563499
<i>T. bakamatsutake</i>	11543	Japan		AB538257
<i>T. bakamatsutake</i>	SCMB81	Spain		AB538242
<i>T. caligatum</i>	JV07451	Spain	LT000152	