

Table S2. Fungal endophytes recovered from apparently healthy individuals of *Quercus macranthera* and *Q. brantii* in East Azerbaijan and Lorestan provinces

Isolate	Species	Host plant	Sampling site	GeneBank number	Accession
				ITS	TUB
CCTU136	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH754657	-
CCTU137	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH754658	-
CCTU240	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU241	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU242	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU243	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU244	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU245	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU246	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU247	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU248	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU249	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU250	<i>Alternaria alternata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU127	<i>Arthrinium arundinis</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758697	-
CCTU135	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU123	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	KX267750	-
CCTU147	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH754668	-
CCTU122	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU148	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU121	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU144	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU141	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU120	<i>Biscogniauxia mediterranea</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-KX267747	-
CCTUB1	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-
CCTUB2	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Chegani, Lorestan province	-	-
CCTUB3	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Kaka Sharaf, Lorestan province	-	-
CCTUB4	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Khorramabad, Lorestan province	-	-
CCTUB5	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Shurab, Lorestan province	-	-
CCTUB6	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Kaka Sharaf, Lorestan province	-	-
CCTUB8	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-
CCTU227	<i>Biscogniauxia mediterranea</i>	<i>Quercus brantii</i>	Shurab, Lorestan province	MH754669	-
CCTU236	<i>Phlebia radiata</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	MH754667	-
CCTU107	<i>Chaetomium globosum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758699	-
CCTU117	<i>Clonostachys rosea</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758700	-
CCTU230	<i>Clonostachys rosea</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	MH758701	-
CCTU235	<i>Curvularia neergardii</i>	<i>Quercus brantii</i>	Chegani, Lorestan province	MH754665	-
CCTU234	<i>Curvularia spicifera</i>	<i>Quercus brantii</i>	Chegani, Lorestan province	MH754664	-
CCTU251	<i>Curvularia spicifera</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU112	<i>Daldinia loculata</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758702	-

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				ITS	TUB
CCTU113	<i>Daldinia palmensis</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758703	-
CCTU134	<i>Daldinia vernicosa</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758704	-
CCTU104	<i>Discula quercina</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758705	-
		<i>Quercus macranthera</i>		MH758719	-
CCTU118	<i>Epicoccum nigrum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	MH760732
CCTU196	<i>Fusarium avenaceum</i>		Kaleibar, East Azerbaijan province	-	-
CCTU252	<i>Fusarium avenaceum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU253	<i>Fusarium avenaceum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU193	<i>Fusarium oxysporum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	MH760733
CCTU254	<i>Fusarium oxysporum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU194	<i>Fusarium proliferatum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	MH760734
CCTU195	<i>Fusarium proliferatum</i>	<i>Quercus macranthera</i>	Veisian, Lorestan Province province	-	MH760735
CCTU187	<i>Fusarium solani</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	MH760736
CCTU188	<i>Fusarium solani</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	MH760737
CCTU189	<i>Fusarium solani</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	MH760738
CCTU18.1	<i>Fusarium solani</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-
CCTU223	<i>Neoscytalidium dimidiatum</i>	<i>Quercus brantii</i>	Shurab, Lorestan province	MH754662	-
CCTU16.1	<i>Neoscytalidium dimidiatum</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-
CCTU26.2	<i>Neoscytalidium dimidiatum</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-
CCTU124	<i>Nigrospora oryzae</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH754661	-
CCTU125	<i>Nigrospora oryzae</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH754659	-
CCTU133	<i>Nigrospora oryzae</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH754660	-
	<i>Ochrocladosporium</i>	<i>Quercus macranthera</i>		MH758711	-
CCTU108	<i>elatatum</i>		Hatam-baig, East Azerbaijan province		
	<i>Ochrocladosporium</i>	<i>Quercus macranthera</i>		MH758710	-
CCTU132	<i>elatatum</i>		Kaleibar, East Azerbaijan province		
CCTU105	<i>Paecilomyces formosus</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758716	-
CCTU114	<i>Paecilomyces formosus</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758717	-
CCTU140	<i>Paecilomyces formosus</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758718	-
CCTU239	<i>Paecilomyces formosus</i>	<i>Quercus macranthera</i>	Veisian, Lorestan province	-	-
CCTU21.1	<i>Paecilomyces variotii</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-
CCTU20.3	<i>Paecilomyces variotii</i>	<i>Quercus brantii</i>	Shurab, Lorestan province	-	-
CCTU15.1	<i>Paecilomyces variotii</i>	<i>Quercus brantii</i>	Shurab, Lorestan province	MH758715	-
CCTU150	<i>Penicillium commune</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758707	-
CCTU130	<i>Penicillium spinulosum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MK046735	-
CCTU139	<i>Pyronema domesticum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758708	-
CCTU143	<i>Pyronema domesticum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758709	-
CCTU228	<i>Sordaria fimicola</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758713	-
CCTU229	<i>Sordaria fimicola</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU14.1	<i>Sordaria fimicola</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	MH758712	-
CCTU223	<i>Asordaria sicutii</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	MH758714	-
CCTU224	<i>Asordaria sicutii</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU225	<i>Asordaria sicutii</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-

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Isolate	Species	Host plant	Sampling site	GeneBank number	Accession
				ITS	TUB
CCTU226	<i>Asordaria sibirica</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU227	<i>Asordaria sibirica</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU142	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	MH758706	-
CCTU230	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU231	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU232	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Hatam-baig, East Azerbaijan province	-	-
CCTU233	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU234	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU235	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU236	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU237	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Kaleibar, East Azerbaijan province	-	-
CCTU238	<i>Trichothecium roseum</i>	<i>Quercus macranthera</i>	Veisian, Lorestan province	-	-
CCTU231	<i>Valsa persoonii</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	MH754666	-
CCTU229	<i>Beauveria bassiana</i>	<i>Quercus brantii</i>	Shurab, Lorestan province	MH754663	-
CCTUBAL4	<i>Beauveria bassiana</i>	<i>Quercus brantii</i>	Veisian, Lorestan province	-	-

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