

Table S1. *Fusarium* strains whose sequences were used in the phylogenetic study.

Species	Species complex	Strain ID	Substrate	Origin	GenBank accessions	
					<i>tef</i>	<i>rpb2</i>
<i>F. nelsonii</i>	FCSC	NRRL 13338			MW233225	MW233569
<i>F. acaciae-mearnsii</i>	FSAMSC	NRRL 26755	Australian acacia	South Africa	MW233086	MW233429
<i>F. aethiopicum</i>	FSAMSC	NRRL 46726	Wheat seed	Ethiopia	MW233126	MW233470
<i>F. armeniacum</i>	FSAMSC	FRC R-6472	Slash pine seedling	USA	MW233156	MW233500
<i>F. armeniacum</i>	FSAMSC	FRC R-8519	Corn soil	USA	MW233191	MW233535
<i>F. asiaticum</i>	FSAMSC	NRRL 13818	Barley	Japan	MW233069	MW233412
<i>F. austroamericanum</i>	FSAMSC	NRRL 28585	Herbaceous vine	Brazil	MW233095	MW233438
<i>F. boothii</i>	FSAMSC	NRRL 26916	Corn	South Africa	MW233088	MW233431
<i>F. brachygibbosum</i>	FSAMSC	NRRL 20954	Sorghum	India	MW233075	MW233418
<i>F. brachygibbosum</i>	FSAMSC	FRC R-8851	Pearl millet	Niger	MW233198	MW233542
<i>F. brasiliicum</i>	FSAMSC	NRRL 31238	Barley	Brazil	MW233104	MW233448
<i>F. cerealis</i>	FSAMSC	NRRL 13721	Potato	Poland	MW233068	MW233411
<i>F. cortaderiae</i>	FSAMSC	NRRL 29297	Toetoe (<i>Cortaderia</i> sp.)	New Zealand	MW233098	MW233442
<i>F. culmorum</i>	FSAMSC	NRRL 25475	Barley kernel	Denmark	MW233082	MW233425
<i>F. dactylidis</i>	FSAMSC	NRRL 29380		USA	MW233099	MW233443
<i>F. gerlachii</i>	FSAMSC	NRRL 36905	Wheat	USA	MW233118	MW233462
<i>F. goolgardii</i>	FSAMSC	KOD 1087	Grass tree (<i>Xanthorrhoea glauca</i>)	Australia	MW233218	MW233562
<i>F. goolgardii</i>	FSAMSC	KOD 1090	Grass tree (<i>Xanthorrhoea glauca</i>)	Australia	MW233219	MW233563
<i>F. graminearum</i>	FSAMSC	NRRL 31084	Corn	USA	MW233103	MW233447
<i>F. kyushuense</i>	FSAMSC	NRRL 3509	Wheat seed	Japan	MW233056	MW233399
<i>F. kyushuense</i>	FSAMSC	NRRL 6491	Vinyl plate	Japan	MW233057	MW233400
<i>F. langsethiae</i>	FSAMSC	NRRL 34176			MW233111	MW233455
<i>F. langsethiae</i>	FSAMSC	NRRL 36236			MW233114	MW233458
<i>F. longipes-4</i>	FSAMSC	NRRL 20695	Soil	USA	MW233073	MW233416
<i>F. longipes-4</i>	FSAMSC	NRRL 39691			MW233123	MW233467
<i>F. louisianense</i>	FSAMSC	NRRL 54197		USA	MW233134	MW233478
<i>F. lunulosporum</i>	FSAMSC	NRRL 13393	Grapefruit	South Africa	MW233063	MW233406
<i>F. meridionale</i>	FSAMSC	NRRL 28436	Sweet potato	New Caledonia	MW233092	MW233435
<i>F. mesoamericanum</i>	FSAMSC	NRRL 25797	Banana	Honduras	MW233083	MW233426
<i>F. musarum</i>	FSAMSC	NRRL 28507	Banana	Panama	MW233094	MW233437
<i>F. nepalense</i>	FSAMSC	NRRL 54222		Nepal	MW233135	MW233479

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					<i>tef</i>	<i>rpb2</i>
<i>F. nodosum</i>	FSAMSC	NRRL 13431	Tomato stem	Turkey	MW233065	MW233408
<i>F. nodosum</i>	FSAMSC	NRRL 36351	Stored peanuts	Portugal	MW233117	MW233461
<i>F. palustre</i>	FSAMSC	NRRL 43289	Spartina rhizosphere soil		MW233124	MW233468
<i>F. palustre</i>	FSAMSC	NRRL 54056	Smooth cordgrass (<i>Spartina alterniflora</i>)	USA	MW233131	MW233475
<i>F. pentaseptatum</i>	FSAMSC	FRC R-9121	Soil	China	MW233213	MW233557
<i>F. pentaseptatum</i>	FSAMSC	NRRL 66939	Soybean root	Anda, China	MW233217	MW233561
<i>F. pentaseptatum</i>	FSAMSC	LLC 1022	endophytic from seed of <i>Striga hermonthica</i>	Ethiopia	OP487255	OP486819
<i>F. poae</i>	FSAMSC	NRRL 31280	Oat (var. Linhagem 469)	Brazil	MW233105	MW233449
<i>F. poae</i>	FSAMSC	NRRL 36285	Barley	Norway	MW233115	MW233459
<i>F. praegraminearum</i>	FSAMSC	NRRL 39664	Litter in corn field	New Zealand	MW233121	MW233465
<i>F. pseudograminearum</i>	FSAMSC	NRRL 28062	Barley crown	Australia	MW233090	MW233433
<i>F. robustum</i>	FSAMSC	NRRL 13392	Paraná pine (<i>Araucaria angustifolia</i>)	Argentina	MW233062	MW233405
<i>F. sambucinum</i>	FSAMSC	NRRL 13394		Germany	MW233064	MW233407
<i>F. sambucinum</i>	FSAMSC	NRRL 20663		Germany	MW233071	MW233414
<i>F. sambucinum</i>	FSAMSC	NRRL 20666	Potato	United Kingdom	MW233072	MW233415
<i>F. sambucinum</i>	FSAMSC	NRRL 31964	Scotch broom (<i>Cytisus scoparius</i>)	New Zealand	MW233106	MW233450
<i>F. sambucinum</i>	FSAMSC	NRRL 31969	Gorse (<i>Ulex europaeus</i>)	New Zealand	MW233107	MW233451
<i>F. sambucinum</i>	FSAMSC	FRC R-738	Potato	USA	MW233142	MW233486
<i>F. sambucinum</i>	FSAMSC	FRC R-4712	Potato tuber	Switzerland	MW233148	MW233492
<i>F. sibiricum</i>	FSAMSC	NRRL 53429	Oat	Russia	MW233129	MW233473
<i>F. sibiricum</i>	FSAMSC	NRRL 53430	Oat	Russia	MW233130	MW233474
<i>F. sp. nov.-6</i>	FSAMSC	NRRL 28066	Corn	Japan	MW233091	MW233434
<i>F. sp. nov.-6</i>	FSAMSC	NRRL 54640	Sweet potato stem	Papua New Guinea	MW233136	MW233480
<i>F. sp. nov.-6</i>	FSAMSC	NRRL 54683	Sweet potato stem	Papua New Guinea	MW233137	MW233481
<i>F. sp. nov.-7</i>	FSAMSC	NRRL 46743	Wheat seed	Ethiopia	MW233127	MW233471
<i>F. sp. nov.-7</i>	FSAMSC	NRRL 66736		Ethiopia	MW233139	MW233483
<i>F. sp. nov.-8</i>	FSAMSC	NRRL 29296	Chayote (<i>Sechium edule</i>)	New Zealand	MW233097	MW233441
<i>F. sp. nov.-9</i>	FSAMSC	NRRL 13465	Tiger pear (<i>Opuntia aurantica</i>)	Argentina	MW233067	MW233410
<i>F. sp. nov.-9</i>	FSAMSC	NRRL 66925	Tiger pear (<i>Opuntia aurantica</i>)	Argentina	MW233162	MW233506
<i>F. sp. nov.-10</i>	FSAMSC	NRRL 22189	Soybean	Brazil	MW233076	MW233419
<i>F. sp. nov.-10</i>	FSAMSC	FRC R-7403	Potato	South Africa	MW233166	MW233510

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					<i>tef</i>	<i>rpb2</i>
<i>F. sp. nov.-11</i>	FSAMSC	NRRL 22192	Palm tree	Indonesia	MW233077	MW233420
<i>F. sp. nov.-12</i>	FSAMSC	FRC R-642	Carnation 'Iroquois'		MW233141	MW233485
<i>F. sp. nov.-12</i>	FSAMSC	FRC R-7107	Soil	South Africa	MW233163	MW233507
<i>F. sp. nov.-12</i>	FSAMSC	FRC R-7122	Soil	South Africa	MW233164	MW233508
<i>F. sp. nov.-12</i>	FSAMSC	FRC R-8227	Debris	South Africa	MW233188	MW233532
<i>F. sp. nov.-12</i>	FSAMSC	NRRL 66929	Debris	South Africa	MW233189	MW233533
<i>F. sp. nov.-13</i>	FSAMSC	NRRL 39635	Toetoe (<i>Cortaderia</i> sp.)	New Zealand	MW233120	MW233464
<i>F. sp. nov.-13</i>	FSAMSC	NRRL 39685	Toetoe (<i>Cortaderia</i> sp.)	New Zealand	MW233122	MW233466
<i>F. sp. nov.-14</i>	FSAMSC	NRRL 36134			MW233113	MW233457
<i>F. sp. nov.-15</i>	FSAMSC	NRRL 66921	Wheat straw	South Africa	MW233146	MW233490
<i>F. sp. nov.-15</i>	FSAMSC	FRC R-8154	Soil	South Africa	MW233185	MW233529
<i>F. sp. nov.-15</i>	FSAMSC	FRC R-8203	Debris	South Africa	MW233187	MW233531
<i>F. sp. nov.-16</i>	FSAMSC	NRRL 66927	Natural vegetation soil	South Africa	MW233178	MW233522
<i>F. sp. nov.-16</i>	FSAMSC	FRC R-8136	Debris	South Africa	MW233184	MW233528
<i>F. sp. nov.-17</i>	FSAMSC	NRRL 26795	Soil	USA	MW233087	MW233430
<i>F. sp. nov.-27</i>	FSAMSC	FRC R-8881		Nigeria	MW233201	MW233545
<i>F. sporotrichioides</i>	FSAMSC	NRRL 3299	Corn	France	MW233055	MW233398
<i>F. sporotrichioides</i>	FSAMSC	NRRL 29131	Oat kernel	Germany	MW233096	MW233440
<i>F. subflagellisporum</i>	FSAMSC	COAD 2989	Branches of <i>Mangifera indica</i> trees	Brazil	MT774486	MZ970426
<i>F. subtropicale</i>	FSAMSC	NRRL 66764	Barley	Paraná, Brazil	MW233140	MW233484
<i>F. transvaalense</i>	FSAMSC	FRC R-6827	Natural vegetation debris	South Africa	MW233157	MW233501
<i>F. transvaalense</i>	FSAMSC	FRC R-6855	Natural vegetation debris	South Africa	MW233158	MW233502
<i>F. ussurianum</i>	FSAMSC	NRRL 45681	Oat	Russia	MW233125	MW233469
<i>F. venenatum</i>	FSAMSC	NRRL 22196	Corn	Germany	MW233078	MW233421
<i>F. venenatum</i>	FSAMSC	NRRL 25413		England	MW233080	MW233423
<i>F. venenatum</i>	FSAMSC	NRRL 26228	Halmbase of winter wheat	Austria	MW233085	MW233428
<i>F. venenatum</i>	FSAMSC	NRRL 32015	Soil	Australia	MW233109	MW233453
<i>F. vorosii</i>	FSAMSC	NRRL 37605		Hungary	MW233119	MW233463
<i>F. acutisporum</i>	FSSC	NRRL 22574 T	<i>Coffea arabica</i>	Guatemala	LR583593	LR583814
<i>F. addoense</i>	FSSC	CBS 146510 T	<i>Citrus sinensis</i> , crown	South Africa	MW248741	MW446575
<i>F. addoense</i>	FSSC	CBS 146508	<i>Citrus sinensis</i> , crown	South Africa	MW248739	MW446573
<i>F. akasia</i>	FSSC	PPRI 27978 T	<i>Eurwallacea perbrevis</i> specimen	Indonesia	MT009951	MT009931

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					<i>tef</i>	<i>rpb2</i>
<i>F. akasia</i>	FSSC	PPRI 27980	<i>Euwallacea perbrevis</i> specimen	Indonesia	MT009954	MT009937
<i>F. ambrosium</i>	FSSC	NRRL 22346 T	Gallery of <i>Euwallacea fornicatus</i> in <i>Camellia sinensis</i>	India	FJ240350	EU329503
<i>F. ambrosium</i>	FSSC	NRRL 20438	<i>Euwallacea fornicatus</i> insect body in the gallery formed in tea tree (<i>Camellia sinensis</i>)	India	AF178332	JX171584
<i>F. amplum</i>	FSSC	BBA 4170 T	<i>Coffea</i> sp.	East Africa	LR583594	LR583815
<i>F. awan</i>	FSSC	PPRI 27973T	<i>Euwallacea similis</i> specimen	Indonesia	MT009973	MT009919
<i>F. awan</i>	FSSC	PPRI 27975	<i>Euwallacea similis</i> specimen	Indonesia	MT009974	MT009922
<i>F. bataticola</i>	FSSC	NRRL 22400	<i>Ipomoea batatas</i>	USA	AF178343	EU329509
<i>F. bataticola</i>	FSSC	NRRL 22402 T	<i>Ipomoea batatas</i>	USA	AF178344	FJ240381
<i>F. borneense</i>	FSSC	NRRL 22579 T	Bark of a recently dead unidentified tree	Indonesia	AF178352	EU329515
<i>F. bostrycoides</i>	FSSC	NRRL 36253 T	Soil	Honduras	LR583597	LR583818
<i>F. bostrycoides</i>	FSSC	CBS 102824	Leaf litter	Colombia	LR583596	LR583817
<i>F. breve</i>	FSSC	MUCL 16108 T	Soilwater	Belgium	LR583601	LR583822
<i>F. breve</i>	FSSC	CPC 27190	<i>Citrus sinensis</i> , dry root rot	Italy	LT746199	LT746312
<i>F. breviconum</i>	FSSC	NRRL 22659T	<i>Gladiolus</i> sp.	Indonesia	LR583600	LR583821
<i>F. catenatum</i>	FSSC	UTHSC 09-1008	Zebra shark (<i>Stegostoma fasciatum</i>)	USA	KC808213	KC808354
<i>F. catenatum</i>	FSSC	UTHSC 09-1009 T	Zebra shark (<i>Stegostoma fasciatum</i>)	USA	KC808214	KC808355
<i>F. crassum</i>	FSSC	MUCL 11420 T		France	LR583604	LR583823
<i>F. crassum</i>	FSSC	NRRL 46703	Nematode egg	Spain	HM347126	EU329661
<i>F. cryptoseptatum</i>	FSSC	NRRL 22412 T	Bark	French Guiana	AF178351	EU329510
<i>F. cucurbiticola</i>	FSSC	NRRL 22399 T	<i>Cucurbita ficifolia</i>	Netherlands	DQ247592	LR583825
<i>F. cucurbiticola</i>	FSSC	NRRL 22153	Cucurbit	USA	AF178346	EU329492
<i>F. cyanescens</i>	FSSC	CBS 518.82 T	Human foot	Netherlands	LR583605	LR583826
<i>F. cyanescens</i>	FSSC	CBS 637.82	Human foot	Netherlands	LR583606	LR583827
<i>F. diminutum</i>	FSSC	MUCL 18798 T	treated wood of <i>Coelocaryon preussii</i>		LR583607	LR583828
<i>F. diminutum</i>	FSSC	LC 13825	Acer palmatum	Japan	MW620164	MW474689
<i>F. drepaniforme</i>	FSSC	NRRL 62941	Unknown woody host	Singapore	KM406626	KM406647
<i>F. duplospermum</i>	FSSC	NRRL 62583 T	Oral mycangium of an ambrosia beetle (<i>Euwallacea perbrevis</i>) trapped in an avocado (<i>Persea americana</i>) grove	USA	KC691553	KC691642

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					<i>tef</i>	<i>rpb2</i>
<i>F. duplospermum</i>	FSSC	NRRL 62589	Oral mycangium of an ambrosia beetle (<i>Euwallacea perbrevis</i>) trapped in an avocado (<i>Persea americana</i>) grove	USA	KC691552	KC691641
<i>F. epipeda</i>	FSSC	CPC 38310 T	<i>Bouvardia</i> sp. imported from Uganda	Netherlands	MW834285	MW834022
<i>F. epipeda</i>	FSSC	CPC 38311	<i>Bouvardia</i> sp. imported from Uganda	Netherlands	MW834286	MW834023
<i>F. euwallaceae</i>	FSSC	NRRL 54722T	Live ambrosia beetle (<i>Euwallacea</i> sp. IS/CA) infecting avocado tree (<i>Persea americana</i> cv. Hass) grown in an orchard	Israel	JQ038007	JQ038028
<i>F. euwallaceae</i>	FSSC	NRRL 62626	<i>Euwallacea</i> sp. on <i>Acer negundo</i>	USA	KC691532	KU171702
<i>F. falciforme</i>	FSSC	IMI 268681 T	Human mycetoma	USA	LT906669	LT960558
<i>F. falciforme</i>	FSSC	CBS 121450	Declined grape vine	Syria	JX435161	JX435261
<i>F. falciforme</i>	FSSC	LC 11569	<i>Vitis</i> sp.	China	MW620165	MW474690
<i>F. ferrugineum</i>	FSSC	NRRL 32437 T	Human subcutaneous nodule	Switzerland	DQ246979	EU329581
<i>F. ferrugineum</i>	FSSC	CPC 28194	<i>Citrus sinensis</i>	Italy	LR583602	LT746341
<i>F. floridanum</i>	FSSC	NRRL 62628 T	Mycangium of <i>Euwallacea interjectus</i> infesting <i>Acer negundo</i>	USA	KC691535	KC691624
<i>F. floridanum</i>	FSSC	NRRL 62606	Gallery of <i>Euwallacea interjectus</i> infesting <i>Acer negundo</i>	USA	KC691533	KC691622
<i>F. gamtoosensis</i>	FSSC	CPC 37120 T	<i>Citrus sinensis</i> , crown	South Africa	MW248762	MW446611
<i>F. gannanense</i>	FSSC	NJFU-JX12 T	Oral mycetangium of a <i>Euwallacea interjectus</i> beetle infesting a trunk of a live <i>Triadica cochinchinensis</i>	China	LC701609	LC701981
<i>F. gannanense</i>	FSSC	NJFU-JX01	<i>Euwallacea interjectus</i> beetle infesting in trunks of dying <i>Alniphyllum fortunei</i>	China	LC701625	LC701973
<i>F. haematococcum</i>	FSSC	G.J.S. 02-90 T	Dying tree	Sri Lanka	DQ247510	LT960561
<i>F. helgardnirenbergiae</i>	FSSC	NRRL 22387 T	Bark of unidentified tree	French Guiana	AF178339	EU329505
<i>F. hypothenemi</i>	FSSC	NRRL 52782 T	<i>Hypothenemus hampei</i> , adult	Benin	JF740850	JF741176
<i>F. hypothenemi</i>	FSSC	NRRL 52783	<i>Hypothenemus hampei</i> , adult	Uganda	JF740851	JF741177
<i>F. illudens</i>	FSSC	NRRL 22090 T	Beilschmiedia tawa	New Zealand	AF178326	JX171601
<i>F. kelerajum</i>	FSSC	FRC S-1836	On branch of recently dead unidentified tree	Sri Lanka	DQ247515	LR583835
<i>F. kelerajum</i>	FSSC	G.J.S. 02-122 T	Trunk of fallen, live tree	Sri Lanka	DQ247518	

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					<i>tef</i>	<i>rpb2</i>
<i>F. keratoplasticum</i>	FSSC	FRC S-2477 T	Indoor plumbing	USA	JN235712	JN235897
<i>F. keratoplasticum</i>	FSSC	MUCL 18301	Greenhouse humic soil	Belgium	LR583613	LR583836
<i>F. kuroshium</i>	FSSC	UCR3641 T	Gallery wall produced by <i>Euwallaceae</i> sp. in <i>Platanus racemosa</i> (California sycamore)	USA	KX262216	LR583837
<i>F. kuroshium</i>	FSSC	NRRL 62946	<i>Euwallacea</i> sp. on <i>Platanus racemosa</i>		KM406630	KM406650
<i>F. kurunegalense</i>	FSSC	CBS 119599 T	Recently cut non-native tree standing in private garden	Sri Lanka	DQ247511	LR583838
<i>F. lerouxii</i>	FSSC	CBS 146514 T	<i>Citrus sinensis</i> , root scaffold	South Africa	MW248768	MW446617
<i>F. lichenicola</i>	FSSC	CBS 623.92 T	Human foot	Germany	LR583620	LR583845
<i>F. liriodendri</i>	FSSC	NRRL 22389 T	<i>Liriodendron tulipifera</i>	USA	AF178340	EU329506
<i>F. macrosporum</i>	FSSC	CPC 28191 T	<i>Citrus sinensis</i> , crown	Italy	LT746218	LT746331
<i>F. macrosporum</i>	FSSC	CPC 28193	<i>Citrus sinensis</i> , crown	Italy	LT746220	LT746333
<i>F. mahasenii</i>	FSSC	FRC S-1845 T	Small dead branch on living tree	Sri Lanka	DQ247513	LT960563
<i>F. mahasenii</i>	FSSC	FRC S-1840	Rotting wood	Sri Lanka	DQ247520	
<i>F. martii</i>	FSSC	CBS 115659	<i>Solanum tuberosum</i> var. Maritta	Germany	JX435156	JX435256
<i>F. martii</i>	FSSC	CBS 142423	<i>Citrus sinensis</i> , crown	Italy	LT746216	LT746329
<i>F. mekan</i>	FSSC	PPRI 27971 T	<i>Euwallacea similis</i> specimen	Indonesia	MT009964	MT009916
<i>F. mekan</i>	FSSC	PPRI 27972	<i>Euwallacea similis</i> specimen	Indonesia	MT009965	MT009917
<i>F. merksianum</i>	FSSC	CPC 38701 T	<i>Chrysanthemum</i> sp. imported from Uganda	Netherlands	MW834288	MW834025
<i>F. merksianum</i>	FSSC	CPC 38702	<i>Chrysanthemum</i> sp.	Netherlands	MW834289	MW834026
<i>F. metavorans</i>	FSSC	CBS 135789 T	Human pleural effusion, lung cancer	Greece	LR583627	LR583849
<i>F. metavorans</i>	FSSC	NRRL 22654	<i>Malus sylvestris</i>	Italy	DQ247636	LR583848
<i>F. mori</i>	FSSC	NRRL 22230 T	<i>Morus alba</i> , twig	Japan	AF178358	EU329499
<i>F. neerlandicum</i>	FSSC	CBS 232.34 T	<i>Pisum sativum</i>	Netherlands	MW847906	MW847903
<i>F. neocosmosporiellum</i>	FSSC	NRRL 22166 T	<i>Heterodera glycines</i>	USA	AF178350	EU329497
<i>F. neocosmosporiellum</i>	FSSC	NRRL 22468	<i>Arachis hypogaea</i> , stored nut	Guinea-Bissau	KM231933	LR583901
<i>F. ngaiotongaense</i>	FSSC	CBS 126407 T	Tree bark	New Zealand	LR583621	LR583846
<i>F. ngaiotongaense</i>	FSSC	LC 13833	<i>Armeniaca mume</i>	Japan	MW620175	MW474700
<i>F. noneumartii</i>	FSSC	FRC S-0661 T	<i>Solanum tuberosum</i>	Israel	LR583630	LR583852
<i>F. noneumartii</i>	FSSC	Fs112	<i>Solanum lycopersicum</i>	USA	DQ164848	

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					<i>tef</i>	<i>rpb2</i>
<i>F. noneumartii</i>	FSSC	Fs306	<i>Solanum lycopersicum</i>	USA	DQ164847	
<i>F. obliquiseptatum</i>	FSSC	NRRL 62611 T	Gallery of an ambrosia beetle (<i>Euwallacea</i> sp. 3) infesting an avocado tree (<i>Persea americana</i>)	Australia	KC691548	KC691637
<i>F. obliquiseptatum</i>	FSSC	NRRL 62610	<i>Euwallacea</i> sp. on <i>Persea americana</i>	Australia	KC691547	KC691636
<i>F. oblongum</i>	FSSC	NRRL 28008 T	Human eye	USA	LR583631	LR583853
<i>F. oblongum</i>	FSSC	LC 7499	Carbonatite	China	MW620179	MW474704
<i>F. oligoseptatum</i>	FSSC	NRRL 62579 T	Live female <i>Euwallacea validus</i> beetle, extracted from a gallery in a <i>Ailanthus altissima</i> tree	USA	KC691538	LR583854
<i>F. oligoseptatum</i>	FSSC	NRRL 62578	<i>Euwallacea validus</i> on <i>Ailanthus altissima</i>	USA	KC691537	KC691626
<i>F. papillatum</i>	FSSC	NRRL 62944	Mycangium of a living female TSHB beetle (<i>Euwallacea perbrevis</i>) from a gallery in a branch of an infested tea (<i>Camellia sinensis</i>)	Sri Lanka	KM406627	KM406648
<i>F. papillatum</i>	FSSC	NRRL 62943 T	Mycangium of a living female TSHB beetle (<i>Euwallacea perbrevis</i>) from a gallery in a branch of an infested tea (<i>Camellia sinensis</i>)	Sri Lanka	KM406628	
<i>F. paraeumartii</i>	FSSC	NRRL 13997 T	<i>Solanum tuberosum</i> , decaying stem base	Argentina	DQ247549	LR583855
<i>F. paraeumartii</i>	FSSC	LC13836	<i>Castanopsis fargesii</i>	China	MW620181	MW474706
<i>F. parceramosum</i>	FSSC	CBS 115695 T	Soil	South Africa	JX435149	JX435249
<i>F. parceramosum</i>	FSSC	NRRL 31158	Human wound	USA	DQ246916	EU329559
<i>F. paulenelsonii</i>	FSSC	CBS 309.75 T	<i>Pisum sativum</i>		MW847907	MW847904
<i>F. perseae</i>	FSSC	CPC 26829 T	<i>Persea americana</i> , trunk canker lesions	Italy	LT991902	LT991909
<i>F. perseae</i>	FSSC	CPC 26831	<i>Persea americana</i> , trunk canker lesions	Italy	LT991904	LT991911
<i>F. petroliphilum</i>	FSSC	NRRL 13952	<i>Pelargonium</i> sp. root	South Africa	DQ246835	LR583857
<i>F. petroliphilum</i>	FSSC	CBS 398.66	<i>Saccharum officinarum</i>	Brazil	LR583633	LR583859
<i>F. phaseoli</i>	FSSC	CBS 265.50	<i>Phaseolus</i> sp.	USA	HE647964	KM232375
<i>F. phaseoli</i>	FSSC	NRRL 22743	<i>Glycine max</i>	Brazil	AY320145	EU329525
<i>F. piperis</i>	FSSC	NRRL 22570 T	<i>Piper nigrum</i>	Brazil	AF178360	EU329513
<i>F. plagianthi</i>	FSSC	NRRL 22632	<i>Hoheria glabrata</i>	New Zealand	AF178354	JX171614

Species	Species complex	Strain ID	Substrate	Origin	GenBank accessions	
					<i>tef</i>	<i>rpb2</i>
<i>F. populicola</i>	FSSC	NJFU-DF02 T	Oral mycetangium of <i>Euwallacea interjectus</i> beetle infesting the trunk of a living poplar	China	LC701596	LC701960
<i>F. populicola</i>	FSSC	NJFU-JS03	Oral mycetangium of <i>Euwallacea interjectus</i> beetle infesting the trunk of a living poplar	China	LC701602	LC701966
<i>F. protoensiforme</i>	FSSC	NRRL 22178 T	Dicot tree, bark	Venezuela	AF178334	EU329498
<i>F. pseudensiforme</i>	FSSC	NRRL 46517 T	Recently dead tree, bark	Sri Lanka	DQ247512	KC691645
<i>F. pseudensiforme</i>	FSSC	NRRL 22653	<i>Cocos nucifera</i> , leaf	Indonesia	DQ247635	LR583868
<i>F. pseudopisi</i>	FSSC	CBS 266.50 T	<i>Pisum sativum</i>		MW834290	MW834027
<i>F. pseudoradicicola</i>	FSSC	NRRL 25137 T	Diseased cocoa pods	Papua New Guinea	JF740757	JF741084
<i>F. pseudotonkinense</i>	FSSC	CBS 143038 T	Human, scrape of cornea	Netherlands	LR583640	LR583867
<i>F. quercinum</i>	FSSC	NRRL 22652 T	Quercus cerris wood, declined tree	Italy	DQ247634	LR583869
<i>F. quercinum</i>	FSSC	NRRL 22611	Human cornea	USA	DQ246841	EU329518
<i>F. rectiphorus</i>	FSSC	G.J.S. 9296 T	Recently dead tree	Sri Lanka	DQ247509	LR583871
<i>F. rectiphorus</i>	FSSC	NRRL 22396	Bark	French Guiana	AF178342	EU329508
<i>F. regulare</i>	FSSC	CBS 230.34 T	<i>Pisum sativum</i>	Netherlands	LR583643	LR583873
<i>F. regulare</i>	FSSC	CBS 190.35	<i>Phaseolus</i> sp.	USA	LR583642	LR583872
<i>F. rekanum</i>	FSSC	PPRI 27163 T	<i>Acacia crassicarpa</i> infested with <i>Euwallacea perbrevis</i> (TSHBa) beetle	Indonesia	MN249151	MN249137
<i>F. rekanum</i>	FSSC	CMW 51760	<i>Acacia crassicarpa</i> infested with <i>Euwallacea perbrevis</i>	Indonesia	MN249160	MN249146
<i>F. riograndense</i>	FSSC	URM 7361 T	Human nasal cavity	Brazil	KX534002	KX534003
<i>F. samuelsii</i>	FSSC	CBS 114067 T	Bark	Guyana	LR583644	LR583874
<i>F. silvicola</i>	FSSC	CBS 123846 T	<i>Liriodendron tulipifera</i> , fallen trunk	USA	LR583646	LR583876
<i>F. solani</i>	FSSC	NRRL 66304 T	Tuber of <i>Solanum tuberosum</i> (potato) collected from field following harvest	Slovenia	KT313611	KT313623
<i>F. solani</i>	FSSC	CBS 101018	Raspberry	Italy	LR583651	LR583878
<i>F. solani</i>	FSSC	LC 13849	Soil	China	MW620196	MW474721
<i>F. solani-melongenae</i>	FSSC	CBS 225.58	Unsterilized dewaxed cotton duck	Panama	LR583609	LR583830
<i>F. solani-melongenae</i>	FSSC	NRRL 22657	<i>Capsicum annuum</i>	Netherlands	DQ247639	LR583831
<i>F. spathulatum</i>	FSSC	UTHSC 98-1305 T	Human synovial fluid	USA	DQ246882	EU329542

Species	Species complex	Strain ID	Substrate	Origin	GenBank accessions	
					<i>tef</i>	<i>rpb2</i>
<i>F. stercicola</i>	FSSC	CBS 142480			KY556525	KY556553
<i>F. stercicola</i>	FSSC	KU 90.15 –			MG237868	MG237866
<i>F. stercicola</i>	FSSC	KU 90.1.15 –			MG237869	MG237867
<i>F. stercicola</i>	FSSC	CBS 142481 T	Compost yard waste plant debris	Germany	LR583658	LR583887
<i>F. suttonianum</i>	FSSC	NRRL 32858 T	Human wound	USA	DQ247163	EU329630
<i>F. suttonianum</i>	FSSC	CBS 124892	Human nail	Gabon	JX435139	JX435239
<i>F. tonkinense</i>	FSSC	IMI 113868 T	<i>Musa sapientum</i>	Vietnam	LT906672	LT960564
<i>F. tonkinense</i>	FSSC	CBS 118931	<i>Solanum lycopersicum</i>	UK	LR583662	LR583891
<i>F. tuaranense</i>	FSSC	NRRL 22231 T	Pará rubber tree (<i>Hevea brasiliensis</i>) damaged by an unknown ambrosia beetle	Malaysia	KC691542	KC691631
<i>F. tuaranense</i>	FSSC	NRRL 46518	<i>Hevea brasiliensis</i>	Malaysia	KC691543	KC691632
<i>F. tumidispermum</i>	FSSC	NJFU-JX26 T	<i>Euwallacea interjectus</i> beetle infesting the trunk of a living <i>Elaeocarpus decipiens</i>	China	LC701621	LC701993
<i>F. vanettenii</i>	FSSC	NRRL 45880 T	Progeny from the sexual cross of parents from <i>Pisum sativum</i> and soil from a potato field	USA	LR583636	LR583862
<i>F. vanettenii</i>	FSSC	CBS 127118	Soil	USA	LR583637	LR583863
<i>F. variasi</i>	FSSC	PPRI 27958 T	<i>Acacia crassicarpa</i> infested with <i>Euwallacea perbrevis</i> (TSHBa)	Indonesia	MT009967	MT009913
<i>F. variasi</i>	FSSC	PPRI 27968	<i>Acacia crassicarpa</i> infested with <i>Euwallacea perbrevis</i> (TSHBa)	Indonesia	MT009969	MT009915
<i>F. venezuelense</i>	FSSC	NRRL 22395 T	Bark	Venezuela	AF178341	EU329507
<i>F. waltergamsii</i>	FSSC	NRRL 32323 T	Human bronchoalveolar lavage fluid	USA	DQ246951	EU329576
<i>F. waltergamsii</i>	FSSC	NRRL 22655	Three-plywood	Nigeria	DQ247637	LT960559
<i>F. warna</i>	FSSC	PPRI 27974 T	<i>Euwallacea perbrevis</i> (TSHBa) specimen	Indonesia	MT009955	MT009920
<i>F. warna</i>	FSSC	PPRI 27977	<i>Euwallacea perbrevis</i> (TSHBa) specimen	Indonesia	MT009958	MT009925
<i>F. yamamotoi</i>	FSSC	NRRL 22277 T	<i>Zanthoxylum piperitum</i> , trunk	Japan	AF178336	FJ240380
<i>Neocosmospora anhuiensis</i>	FSSC	CGMCC 3.24869 T	rotten twigs	China	OQ866530	OQ866525
<i>N. aquatica</i>	FSSC	CGMCC 3.24275 T	submerged decaying wood in a stream	China	OQ064518	
<i>N. aquatica</i>	FSSC	CGMCC 3.24276	submerged decaying wood in a stream	China	OQ064520	
<i>N. aurantia</i>	FSSC	CGMCC 3.24866 T	rotten bark	China	OQ866528	OQ866523

Species	Species complex	Strain ID	Substrate	Origin	GenBank accessions	
					<i>tef</i>	<i>rpb2</i>
<i>N. caricae</i>	FSSC	CBS 148865 T	Trunk of <i>Ficus carica</i> cv. Sabz	Iran	OK539518	OK415859
<i>N. caricae</i>	FSSC	CBS 148932	Trunk of <i>Ficus carica</i> cv. Sabz	Iran	OK539516	OK415857
<i>N. dimorpha</i>	FSSC	CGMCC 3.24867 T	rotten twigs	China	OQ866529	OQ866524
<i>N. galbana</i>	FSSC	CGMCC 3.24868 T	rotten bark	China	OQ866532	OQ866527
<i>N. geoasparagicola</i>	FSSC	CPC 40592 T	Field soil cultured with <i>Asparagus officinalis</i>	Netherlands	ON745622	ON759301
<i>N. geoasparagicola</i>	FSSC	CPC 40628	Field soil cultured with <i>Asparagus officinalis</i>		ON745627	ON759306
<i>N. lechatii</i>	FSSC	CPC 42648 T	Unidentified dead wood	French Guiana	OP481884	OP481882
<i>N. lechatii</i>	FSSC	CPC 42649	Unidentified dead wood	French Guiana	OP481885	OP481883
<i>N. lithocarpi</i>	FSSC	LC 1113 T	<i>Lithocarpus glaber</i> (also called <i>Lithocarpus glabra</i>)	China	MW620172	MW474697
<i>N. lithocarpi</i>	FSSC	LC 13831	<i>Lithocarpus glabra</i>	China	MW620173	MW474698
<i>N. magnoliae</i>	FSSC	MFLUCC 17-2615 T	dried fruits of <i>Magnolia champaca</i>	Thailand	MT212207	MT212200
<i>N. maoershanica</i>	FSSC	CGMCC 3.24870 T	twigs	China	OQ866531	OQ866526
<i>Geejayessia atrofusca</i>		CBS 125482	<i>Staphylea trifolia</i> , twigs	Canada	MW834282	HQ897775