

**Supplementary Table S2. *Streptomyces* strains related to *Streptomyces* sp. TR1341 and used for the construction of the 16S rRNA gene ML tree.** Non-soil origin indicated in the same color code as in Fig. 1. Pathogenic organisms shaded grey.

	Closest relative	bp	%	Accession No.	Isolation source
1	<i>S. ambofaciens</i> ATCC 23877	1583/1630	97	CP012382.1	Soil, France: Picardie
2	<i>S. atriruber</i> NRRL B-24165	1587/1630	97	NZ_LIPN01000196.1	Placenta, Equine, USA
3	<i>S. avermitilis</i> MA-4680 (NBRC 14893)	1588/1633	97	BA000030.4	Soil, Japan
4	<i>S. coelicolor</i> A3(2)	1495/1537	97	NC_003888.3	Soil
5	<i>S. collinus</i> Tu 365	1583/1628	97	CP006259.1	Soil
6	<i>S. costaricanus</i> NBRC 100773	1480/1480	100	NR_041414.1	Nematode-suppressive soil , Costa Rica
7	<i>S. daghestanicus</i> NRRL B-5418	1441/1484	97	NR_043816.1	Soil
8	<i>S. fuscichromogenes</i> m16	1395/1421	98.2	KC771428	Soil, tropical rain forest of Xishuangbanna, China
9	<i>S. graminearus</i> NBRC 15420	1446/1448	100	AB184667	-
10	<i>S. griseochromogenes</i> ATCC 14511	1587/1626	98	CP016279.1	-
11	<i>S. griseofuscus</i> KACC 20083	1487/1491	99	AY207605.1	-
12	<i>S. griseofuscus</i> NBRC 12870	1446/1447	100	AB184206	-
13	<i>S. griseofuscus</i> 199	1535/1535	100	NZ_PDES01000029.1	Endophytic of <i>Paullinia cupana</i> (Mart) Ducke, Brazil
14	<i>S. griseofuscus</i> NG1-7	1622/1626	99	NZ_MTKC01000003.1	Rotten tree, South Korea
15	<i>S. griseoviridis</i> F1-27	1592/1627	98	CP034687.1	USA
16	<i>S. griseus</i> subsp. <i>griseus</i> NBRC 13350	1572/1631	96	AP009493.1	Soil
17	<i>S. hygrosopicus</i> subsp. <i>jinggangensis</i> TL01	1580/1626	97	CP003720.1	-
18	<i>S. koyangensis</i> VK-A60T	1587/1626	98	CP031742.1	Soil, South Korea: Koyang
19	<i>S. lanatus</i> NBRC 12787	1420/1446	98.2	AB184845	Soil
20	<i>S. leeuwenhoekii</i> sleC34	1595/1636	97	LN831790.1	Salar de Atacama, Atacama Desert
21	<i>S. lividans</i> TK24	1494/1537	97	CP009124.1	-
22	<i>S. malaysiense</i> MUSC 136	1604/1628	99	NZ_LBDA02000093.1	Mangrove, Malaysia
23	<i>S. misionensis</i> DSM 40306	1605/1628	99	NZ_FNTD01000004.1	-
24	<i>S. murinus</i> NBRC 12799	1446/1446	100	AB184155	Soil, Germany
25	<i>S. murinus</i> NRRL B-2286	1623/1628	99	NZ_MUNF01000366.1	Soil, Germany
26	<i>S. nigra</i> 452	1588/1631	97	CP029043.1	mangrove soil, China
27	<i>S. nodosus</i> ATCC 14899	1584/1634	97	CP009313.1	Orinoco river basin
28	<i>S. padanus</i> ATCC 25646	1519/1519	100	AF455813.1	-
29	<i>S. phaeogriseichromatogenes</i> NRRL 2834	1334/1340	99.6	AJ391813	Soil, Sri Lanka
30	<i>S. phaeoluteichromatogenes</i> NRRL 5799	1408/1428	98.6	AJ391814	Rothamsted experiment station
31	<i>S. pseudogriseolus</i> NRRL B-3288	1584/1625	97	NZ_MUNG01000290.1	Soil, Japan
32	<i>S. puniscabiei</i> TW151	1586/1626	98	CP017248.1	Soil, South Korea
33	<i>S. qaidamensis</i> S10	1589/1640	97	CP015098.1	Soil, China
34	<i>S. silaceus</i> NRRL B-24166	1586/1625	98	NZ_LIRJ01000287.1	Placenta, Equine, USA
35	<i>S. sp. DconLS</i>	1625/1628	99	NZ_FMDI01000408.1	-
36	<i>S. sp. endophyte_N2</i>	1627/1628	99	CP028719.1	<i>Arabidopsis thaliana</i> , United Kingdom: Norwich laboratory
37	<i>S. sp. ETH9427</i>	1590/1631	97	CP029624.1	Soil, Switzerland
38	<i>S. sp. F-1</i>	1605/1628	99	NZ_FKJI03000002.1	Soil
39	<i>S. sp. Lamer LS-31b</i>	1535/1535	100	NZ_FMDH01000239.1	-
40	<i>S. sp. MD1</i>	1518/1519	99	HM641908.1	Golf course soil, USA: Florida
41	<i>S. sp. P127</i>	1517/1517	100	EU797798.1	Soil sample collected from farmland growing vegetables, China
42	<i>S. sp. SAT1</i>	1580/1628	97	CP015849.1	<i>Adenophora trachelioides</i> Maxim, China
43	<i>S. sp. Z022</i>	1600/1629	98	CP033073.1	Grass soil, China: Dangxiong
44	<i>S. violaceoruber</i> S21	1571/1631	96	CP020570.1	Seabed sludge, China

45	<i>S. acidiscabies</i> ATCC 49003	1485/1539	96	AB026220.1	Potato scab, USA
46	<i>S. scabiei</i> E-1	1566/1635	96	AB026216.1	-
47	<i>S. scabiei</i> 87.22	1549/1629	95	FN554889.1	-
48	<i>S. somaliensis</i> SL-3	1483/1521	98	KF973254.1	<i>Morus alba</i> , China
49	<i>S. somaliensis</i> DSM 40738	1445/1486	97	NR_025292.1	Mycetoma on foot of 20-year old male, Somalia
50	<i>S. sudanensis</i> SD 504	1469/1522	97	NR_116037.1	Mycetoma patient
51	<i>S. sudanensis</i> A29	1436/1488	97	EF540897.1	Mycetoma patient