

	A	B	C	D	E	F	G
1	Supplemental Table S3. Amplification of selected FOSC and <i>Fusarium foetens</i> with the putative <i>F. oxysporum</i> f. sp. <i>apii</i> race 2 haplogroup and race 4 PCR primers shown in Table 4 ^a .						
2	ID	FOSC <i>forma specialis</i> ^b	FOSC celery haplotype from this paper ^c	FOSC haplotype from O'Donnell et al. 2009 ^c	Host	100 bp band amplification with the proposed f. sp. <i>apii</i> race 2-haplogroup PCR primer: Y=yes, N=no	187 bp band amplification with the proposed f. sp. <i>apii</i> race 4 PCR primer: Y=yes, N=no
3	003	FOSC f. sp. <i>apii</i> race 2	1	.	Celery	Y	N
4	067	FOSC f. sp. <i>apii</i> race 2	1	.	Celery	Y	N
5	207-A	FOSC f. sp. <i>apii</i> race 2	1	.	Celery	Y	N
6	226-2A	FOSC f. sp. <i>apii</i> race 2	1	.	Celery	Y	N
7	247-1A	FOSC f. sp. <i>apii</i> race 2	1	.	Celery	Y	N
8	258-1B	FOSC f. sp. <i>apii</i> race 2	1	.	Celery	Y	N
9	222-2A	FOSC non-pathogenic on celery	1	.	Celery	Y	N
10	235-A	FOSC non-pathogenic on celery	1	.	Celery	Y	N
11	244-2B	FOSC non-pathogenic on celery	1	.	Celery	Y	N
12	251-4	FOSC non-pathogenic on celery	1	.	Celery	Y	N
13	260-1	FOSC non-pathogenic on celery	1	.	Celery	Y	N
14	017	FOSC non-pathogenic on celery	2	.	Celery	N	N
15	210-A	FOSC non-pathogenic on celery	4	.	Celery	N	N
16	220-C	FOSC non-pathogenic on celery	5	.	Celery	N	N
17	221-B	FOSC non-pathogenic on celery	6	.	Celery	N	N
18	222-1B	FOSC non-pathogenic on celery	7	.	Celery	N	N
19	223-1A	FOSC non-pathogenic on celery	8	.	Celery	N	N
20	223-3B	FOSC non-pathogenic on celery	9	.	Celery	N	N
21	226-1A	FOSC non-pathogenic on celery	10	.	Celery	N	N
22	226-1B	FOSC non-pathogenic on celery	11	.	Celery	N	N
23	241-1A	FOSC non-pathogenic on celery	12	.	Celery	N	N
24	249-1A	FOSC non-pathogenic on celery	13	.	Celery	Y	N
25	251-2	FOSC non-pathogenic on celery	14	.	Celery	N	N

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26	258-1A	FOSC non-pathogenic on celery	15	.	Celery	N	N
27	261-1A	FOSC non-pathogenic on celery	16	.	Celery	N	N
28	268-2	FOSC f. sp. <i>apii</i> race 1	17	.	Celery	N	N
29	250-7	FOSC f. sp. <i>apii</i> race 1	18	.	Celery	N	N
30	270-A	FOSC non-pathogenic on celery	18	.	Celery	N	N
31	270-B	FOSC non-pathogenic on celery	19	.	Celery	N	N
32	273-1B	FOSC non-pathogenic on celery	20	.	Celery	N	Y
33	273-2B	FOSC non-pathogenic on celery	21	.	Celery	N	Y
34	274-3A	FOSC non-pathogenic on celery	22	.	Celery	N	N
35	=NRRL 38295	FOSC f. sp. <i>apii</i> race 3	23	.	Celery	N	N
36	273-1A	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
37	273-1C	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
38	274.AC	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
39	283-1.2	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
40	283-4.1	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
41	284-1	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
42	284-5.1	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
43	291	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
44	292-B	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
45	294-B	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
46	296	FOSC f. sp. <i>apii</i> race 4	23	.	Celery	N	Y
47	295	FOSC non-pathogenic on celery	24	.	Celery	N	N
48	GL-1080 ^e	FOSC f. sp. <i>fragariae</i>	NA ^f	.	Strawberry	N	N
49	NRRL 25433	FOSC f. sp. <i>vasinfectum</i>	NA	.	Cotton	N	N

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50	NRRL 26381	FOSC f. sp. <i>radicis-lycopersici</i>	NA	.	Tomato	N	N
51	NRRL 26406	FOSC f. sp. <i>melonis</i>	NA	63	Melon	N	N ^g
52	NRRL 32931	FOSC	NA	128	Human	N	N ^{g,h}
53	NRRL 34936	FOSC f. sp. <i>lycopersici</i> race 2	NA	63	Tomato	N	N ^g
54	NRRL 54002	FOSC, non-pathogenic	NA	.	Biocontrol strain from soil	N	N ^g
55	NRRL 54003	FOSC f. sp. <i>lycopersici</i> race 3	NA	.	Tomato	N	N ^{g,h}
56	NRRL 54005	FOSC f. sp. <i>raphani</i>	NA	.	Radish	N	N ^{g,h}
57	NRRL 54006	FOSC f. sp. <i>cubense</i> tropical race 4	NA	.	Banana	N	N
58	NRRL 54007 ⁱ	FOSC f. sp. <i>pisi</i>	NA	90	Pea	N	N ^{g,h}
59	NRRL 54008	FOSC f. sp. <i>conglutinans</i> race 2	NA	.	Cabbage	N	N ^{g,h}
60	NRRL 26035	FOSC f. sp. <i>canariensis</i>	NA	41	Date palm	N	N
61	NRRL 36114	FOSC f. sp. <i>cubense</i> tropical race 4	NA	138	Banana	N	N ^g
62	NRRL 22534	FOSC f. sp. <i>apii</i> ^j	.	6	Celery	N	N
63	NRRL 36312	FOSC f. sp. <i>apii</i> ^j	.	145	Celery	N	N ^h
64	NRRL 36287	FOSC f. sp. <i>apii</i> ^j	.	2	Celery	N	N ^h
65	NRRL 36316	FOSC f. sp. <i>apii</i> ^j	.	2	Celery	N	N ^h
66	NRRL 26379	FOSC f. sp. <i>radicis-lycopersici</i>	NA	55	Tomato	N	N
67	NRRL 26380	FOSC f. sp. <i>radicis-lycopersici</i>	NA	56	Tomato	N	N
68	NRRL 36379	FOSC f. sp. <i>lycopersici</i>	NA	150	Tomato	N	N
69	NRRL 36423	FOSC f. sp. <i>lycopersici</i> race 2	NA	63	Tomato	N	N
70	NRRL 36425	FOSC f. sp. <i>lycopersici</i> race 1	NA	108	Tomato	N	N ^g
71	NRRL 31852	<i>Fusarium foetens</i> (used as an outgroup)	NA	NA	<i>Begonia</i> × <i>hiemalis</i>	N	N ^g

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72	NRRL 38302	<i>Fusarium foetens</i> (used as an outgroup)	NA	NA	<i>Pinus radiata</i>	N	N ^{g,h}
73	^a All samples were amplified with the TEF1 primer as a positive control. Isolates with false positive results are filled with red.						
74	^b FOSC, <i>Fusarium oxysporum</i> species complex						
75	^c The haplotype numbers in this paper and in O'Donnell et al. 2009 were determined independently, i.e., haplotype 2 in this paper is not the same as haplotype 2 in O'Donnell et al. 2009.						
76	^d ., not determined						
77	^e Isolate from T.R. Gordon, University of California, Davis.						
78	^f NA, not applicable.						
79	^g Amplified a very faint band >1000 bp that was readily distinguishable by size and intensity from a true positive						
80	^h Amplified a very faint band <100 bp that was readily distinguishable by size and intensity from a true positive						
81	ⁱ NRRL 54007 and NRRL 37622 are the same.						
82	^j These FOSC f. sp. <i>apii</i> are in FOSC clade 2, but not in any of the haplotypes in this paper. The four isolates were deposited in either						