Supplementary Materials: Does Inoculation with Arbuscular Mycorrhizal Fungi Reduce Trunk Disease in Grapevine Rootstocks?

Holland Taylor, Bowen Patricia, Kokkoris Vasilis, Urbez-Torres Jose Ramon [2,] and Hart Miranda

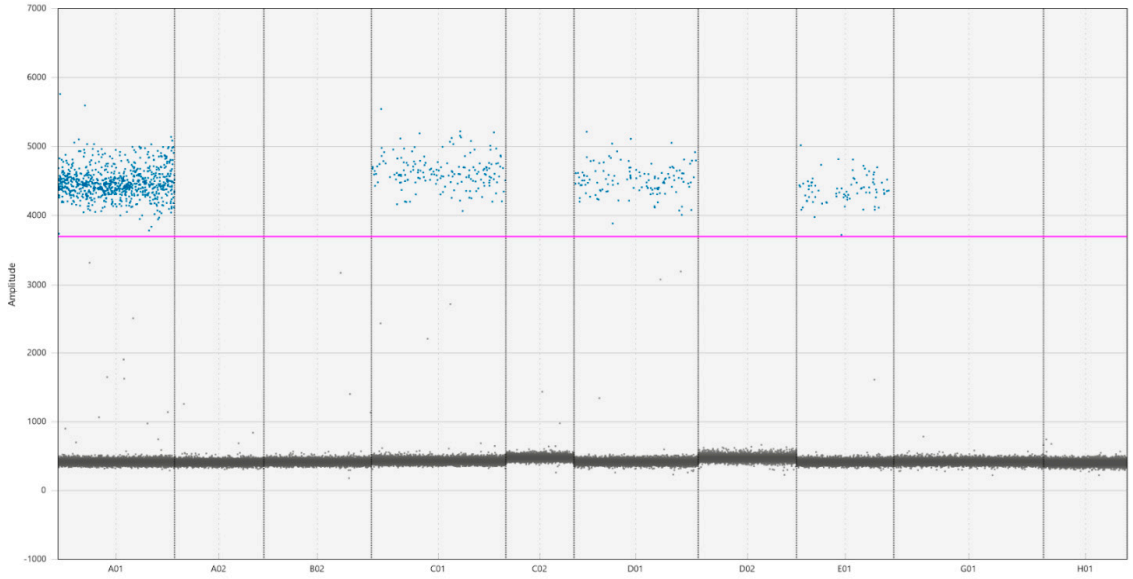

Figure S1. Specificity test using the newly designed primer probe in a digital droplet PCR assay. Droplets above the threshold represent positive amplification to the primer/probe. From left to right the isolates tested in each well are: A01 – **PARC393**, A02 – PARC349, B02- PARC100, C01 - **PARC60**, C02 – NTC, D01 – **PARC340**, D02 – *Rhizophagus irregularis* (DAOM197198), E01 – **PARC72**, G01 – PARC398, H01 – PARC345. *Rhizophagus irregularis* DNA originated from spores that were extracted from the AGTIV® product.

Table S1. A lineage report resulting from specificity testing for the new primer-probe set, using the blast tool in NCBI. First a primer blast was performed using the newly developed primer set. The generated accession numbers were subsequently nucleotide blasted using the probe sequence. The organism, score, average e-value and number of hits for each match are reported.

Organism	Score	Average e-value	Number of hits
..Ilyonectria liriodendri	185	3.47E-43	53
..Ilyonectria destructans	185	9.71E-25	35
..Ilyonectria strelitziae	163	8.00E-37	10
..Ilyonectria palmarum	158	4.00E-35	6
..Ilyonectria lusitanica	147	8.00E-32	1
..Ilyonectria rufa	137	4.40E-28	5
..Ilyonectria sp.	132	2.00E-27	8
..Ilyonectria robusta	132	2.00E-27	1
..Ilyonectria cyclaminicola	126	1.00E-25	2
..Ilyonectria sp. CAB-2017a	126	1.00E-25	3
..Ilyonectria protearum	126	1.00E-25	3
..Ilyonectria vredenhoekensis	126	1.33E-24	4
..Ilyonectria panacis	126	1.00E-25	1

..Ilyonectria mors-panacis	121	5.00E-24	18
..Ilyonectria crassa	121	5.00E-24	7
..Ilyonectria leucospermi	121	5.00E-24	2
..Ilyonectria pseudodestructans	121	5.00E-24	3
..Ilyonectria sp. CBS 120370	121	5.00E-24	1
.Cylindrocarpon sp. cy22	121	5.00E-24	1
.Cylindrocarpon sp. cy20	121	5.00E-2	1