

Table S1. Details of *Quercus ilex* trees selected for their tolerance to *P. cinnamomi* in two different areas of Spain.

Provenance	Code	Localization of the tree	UTM coordinates (WGS84)	<i>Phytophthora cinnamomi</i> in soil
South-west	PL-T1	Plasencia (Cáceres)	39°58'01.6"N 6°05'33.9"W	+
	PL-T2	Plasencia (Cáceres)	39°58'02.3"N 6°05'32.1"W	+
	PL-T3	Plasencia (Cáceres)	39°58'02.7"N 6°05'31.2"W	+
	PL-T4	Plasencia (Cáceres)	39°58'04.2"N 6°05'31.2"W	+
	PL-T5	Plasencia (Cáceres)	39°58'04.2"N 6°05'31.2"W	+
	PL-T6	Plasencia (Cáceres)	39°58'01.2"N 6°05'31.5"W	+
Mediterranean	H1	La Hunde (Valencia)	39°05'17.8"N 1°12'44.9"W	+
	H5	La Hunde (Valencia)	39°05'25.1"N 1°12'50.5"W	+
	VA5	La Vallivana (Castellón)	40°31'27.0"N 0°02'22.9"W	+
	VA11	La Vallivana (Castellón)	40°33'50.1"N 0°01'05.3"W	nd

nd, not determined.

Table S2. Effects of the exposure time (24 h versus 48 h) to 25 mg L⁻¹ IBA and the genotype/ontogenic origin on the rooting of shoots of the VA5, VA11-Bs and VA11-C clones.

Clone	Rooting (%)	Root number	Root length (mm)
VA5			
24 h	52.0 ± 6.1	3.6 ± 0.6	24.3 ± 1.6
48 h	68.3 ± 5.9	4.9 ± 0.4	20.4 ± 2.4
VA11-Bs			
24 h	0.0 ± 0.0	-	-
48 h	0.0 ± 0.0	-	-
VA11-C			

24 h	0.0 ± 0.0	-	-
48 h	0.0 ± 0.0	-	-
ANOVA II			
IBA TIME (A)	0.064ns		
GENOTYPE (B)	0.001***		
A x B	0.035*		

Each value is the mean ± standard error of ten replicate jars with 5 explants per jar.

ANOVA II significances are shown for rooting parameter. ns not significant; * significant differences at 95% ($p \leq 0.05$); *** significant differences at 99.9% ($p \leq 0.001$).

h: hours.