

Supplementary Table S1. Comparative analysis of CTV detection on leaf samples taken from plant cross-protected and superinfected or not, used in the trials of CP reported in Table 2.

CP isolate	SY isolate	Host plant	Inoculation		OD 405 nm ELISA
			CP	SY	
Long term trials					
M39D	No	SO	Oct.2014	--	1.24± 0.05
	No	SO			3.97 ± 0.25
	No	SO			2.96 ±0.04
Mac39	P7/4C	SO	Oct.2014	Feb.2021	0.86± 0.02
	P7/4C	SO			1.64± 0.16
	P7/4C	SO			1.61± 0.25
	P7/4C	SO			4.02± 0.16
Short term trials					
M39D	P7/3C	SO	Jun.2020	May 2021	0.86± 0.22
	P7/3C	SO			0.49±0.07
	P7/3C	SO			0.61± 0.12
	No	SO			3.00± 0.08
	No	SO			1.32± 0.17
M39D	P7/3C	H SwO/SO	Jun.2021	Aug.2021	3.29±0.30
	P7/3C	H SwO/SO			3.29±0.30
	P7/3C	H SwO/SO			2.76±0.27
	P7/3C	H SwO/SO			3.14±0.60
	No	H SwO/SO			3.38±0.77
Control	No	H SwO/SO	--	--	0.17±0.01
		H SwO/SO			0.14±0.03
		H SwO/SO			0.16±0.01
		H SwO/SO			0.14±0.01

Leaf samples were taken two years post superinfection from plants inoculated with CP isolates in greenhouse nine or two years before and superinfected by the SY P7 isolate after even years later or two to eleven months. After superinfection plants were transferred outdoors the greenhouse. Control plants were not inoculated at all. Samples of SO inoculated only with SY isolates were not available for testing because the plants declined and died about one year post inoculation. Reading. Each value is a mean of the absorbance values of three technical replicates measured at 405 nm after 30 min of incubation at room temperature.