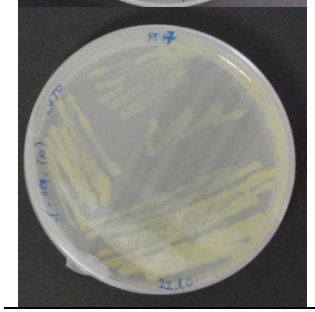
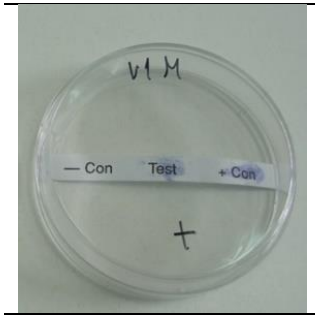
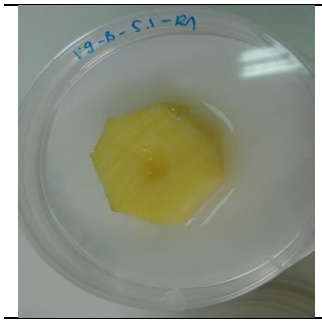
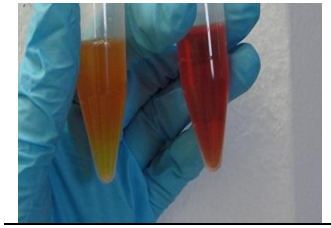
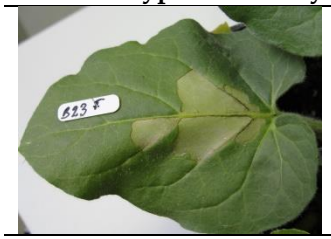
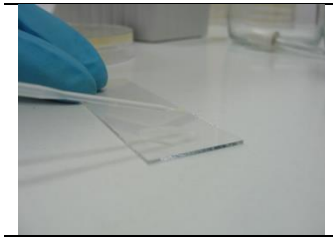
Characteristic		Percentage of *P. savastanoi* pv. *savastanoi* isolates (%)		
		Croatian isolates	**Slovenian isolates**	**Portuguese isolates**
Levan production*				
	P	0	0	0
	**N**	100	100	100
Oxidase test**				
	**P**	6.25 (P44F, B45C-PR)	10.00 (L1-1, F4-1, F4-4)	0
	DP	12.50 (17L, VS28L, VS28N, VS29L)	76.67	0
	N	80.45	13.33 (L6-2, L5-1, F4-2, At2-4)	100
Pectolytic activity***				

	**P**	0	0	0
	N	100	100	100
Arginine dihydrolase activity****				
	**P**	0	0	0
	N	100	100	100
Tobacco hypersensitivity reaction*****				
	**P**	93.75	100	100
	N	6.25 (V4B, V4P)	0	0
Gram reaction******				
	**P**	100	100	100
	N	0	0	0

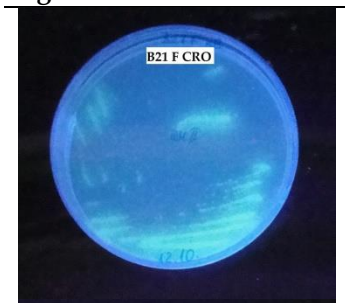
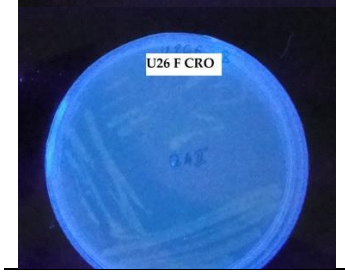
Fluorescence on KB medium under UV light*******				
	**P**	28.10 (V4P, R12L, P15TR, P15N, B19F, B19P, B21F, 16L, B45C-PR)	100	100
	**N**	71.90	0	0

Figure S3. Biochemical and physiological characterization of molecularly identified *Pss* isolates from Croatian, Slovenian and Portuguese olive orchards based on determinative scheme for *Pseudomonas* species.

P – Positive; N – Negative; DP – Delayed positive

*Levan production – first picture represents unknown bacterium isolated from sample material P15R/IB which resulted positive for this characteristic, while picture below represents confirmed *Pss* isolate PT17 (Portugal) that resulted as negative in production of levan when grown on 5% sucrose nutrient agarised medium.

**Oxidase activity – picture represents oxidase positive bacterial sample using commercial oxidase strips.

***Pectolytic activity – picture represents absence of potato soft root when inoculated with bacterium *Pss* (isolate V9 B - Croatia).

****Arginine dihydrolase activity – left tube on the picture represents negative results for this trait and right tube positive results after incubation period of four days in Thornley's medium 2A.

*****Tobacco hypersensitivity reaction – pictures represent the collapse of tobacco leaf tissue after 24 h when *Pss* isolate B24 F is inoculated.

******Gram reaction – picture represents determination of Gram reaction using 3% potassium hydroxide on 24 h old bacterial cultures.

*******Fluorescence under UV light – Upper picture represents *Pss* isolate B21 F positive for production of fluorescent pigment under UV light (366 nm wavelength), while bottom picture represents *Pss* isolate U26 F with absence of fluorescent pigment production *in vitro*.