

Table S1. Primers used for Psa identification, molecular typing and characterization.

Test	ID	Primer	Amplified gene/region	Size (bp)	Primer Sequence (5'-3')	References
Duplex-PCR		KN-F	Genomic DNA fragment	492	CACGATACATGGGCTTATGC	Koh & Nou [42]
		KN-R			CTTTTCATCCACACACTCCG	
		AvrDdpx-F	<i>avrD1</i>	230	TTTCGGTGGTAACGTTGGCA	Galleli <i>et al.</i> [43]
		AvrDdpx-R			TTCCGCTAGGTGAAAAATGGG	
BOX-PCR		BOXA1R	BOX element	-	CTACGGCAAGGCGACGCTGACG	Louws <i>et al.</i> [31]
Multiplex-PCR	A	Psa F	<i>hopZ3</i>	311	CAGAGGCGCTAACGAGGAAA	Balestra <i>et al.</i> [44]
		Psa R			CGAGCATACATCAACAGGTCA	
	B	Europe F	PPHGI-1	733	TGGTGATCGTCTGGATGTGT	
		Europe R			ATTATGCTCCTGGCTCATGG	
	C	J/K F	PPHGI-1	254	AGCAACGGTGGTTTGTTC	
		J/K R			AAATGTTTGCCAGCCAAGTC	
	D	China F	PPHGI-1	609	GGAGTTCAGCAACTGACG	
		China R			CGCTCAAGATCCTTTTCCAT	
Phaseolotoxin	E	ArgKF3 ArgKR	<i>tox-argK</i>	800	TCCCCCGGGAGGAAATTCATGAAGATTA AACTGCAGTCAGGGGACGACTGTCTC	Templeton <i>et al.</i> [46]
Coronatine	F	CFLF CFLR	<i>cfl</i>	650	GGCGCTCCCTCGCACTT GGTATTGGCGGGGGTGC	Bereswill <i>et al.</i> [45]
MLST		gapA-Fps gapA-Rps	<i>gapA</i>	675	CGCCATYCGCAACCCG CCCAYTCGTTGTCGTACCA	Sarkar & Guttman [47]
		gltA-Fp gltA-Rp			AGTTGATCATCGAGGGCGCWGCC TGATCGGTTTGATCTCGCACGG	
		gltA-Fs gltA-Rs		995	CCCGTCGAGCTGCCAATWCTGA ATCTCGCACGSGTRTTGAACATC	
		gyrB-Fps gyrB-Rps			MGGCGGYAAGTTTCGATGACAAYTC TRATBKAGTCARACCTTCRCGSGC	
		rpoD-Fp rpoD-Fs	<i>rpoD</i>	812	AAGGCGARATCGAAATCGCCAAGCG GGAACWKGCAGGAAGTCGGCACG	
		rpoD-Rps			AAGCGTATCGAAGAAGGCATYCGTG	