

Table S1 Primer used for phylotype specific multiplex PCR

primer	Sequence(5'→3')	Specificity	length
Nmult21:1F	CGTTGATGAGGCGCGCAATTT	Phylotype I	144bp
Nmult21:2F	AAGTTATGGACGGTGGAAGTC	Phylotype II	372bp
Nmult23:AF	ATTACSAGAGCAATCGAAAGATT	Phylotype III	91bp
Nmult22:InF	ATTGCCAAGACGAGAGAAGTA	Phylotype IV	213bp
Nmult22:RR	TCGCTTGACCCTATAACGAGTA	All Phylotypes	
759	GTCGCCGTCAACTCACTTTCC	Specific Phylotype	280bp
760	GTCGCCGTCAGCAATGCGGAATCG		

Table S2 Primer sequences of *egl* and *hrpB* genes

gene	primer	length	Locus name
<i>egl</i>	Endo-F: 5' - ATGCATGCCGCTGGTCGCCGC -3'	840 bp	RSp0162
	Endo-R: 5' - GCGTTGCCCGGCACGAACACC -3'		
<i>hrpB</i>	RShrpBF: 5' TGCCATGCTGGGAAACATCT -3'	1400 bp	RSp0873
	RShrpBR: 5' - GGGGGCTTCGTTGAACTGC -3'		