

Table S2. Primers used in this study.

Name	Sequence (5'-3')
RT-PCR primers	
<i>B' alpha</i> FP	5'-GATTGCTCGATGCCTCAGTAG-3'
<i>B' alpha</i> RP	5'-ACCGTGTACCGCTTGGTTCCA-3'
<i>B' beta</i> FP	5'-CACAGCCTGTCGAGTTCCAGC-3'
<i>B' beta</i> RP	5'-CCCACAATGTGCTCGTTGTTTC-3'
<i>B' iota</i> FP	5'-AGAAGCAATGAGTGTGATGGAGT-3'
<i>B' iota</i> RP	5'-GTAGGATGGCTTGCCGTTA-3'
<i>B' delta</i> FP	5'-CGCCAAATTGCTCAGTGCTT-3'
<i>B' delta</i> RP	5'-TCCAATGGCTGCTACCGTTT-3'
<i>B' epsilon</i> FP	5'-TGAGAGAGGAGCATAGGCTGT-3'
<i>B' epsilon</i> RP	5'-GCGGATCACAGTATCAGCCA-3'
<i>B' eta</i> FP	5'-TGCCTTAGACCTGGAGGAGG-3'
<i>B' eta</i> RP	5'-AGCCAGCTTGGTGTGCTAGTTT-3'
<i>B' theta</i> FP	5'-CCAAGTTGCTCGGTGTTTGAACAGT-3'
<i>B' theta</i> RP	5'-AGCTTGGTTCCAATGCTTCTGAGTG-3'
<i>B' gamma</i> FP	5'-TTCGTCAAATCGCTAGATGCCTCA-3'
<i>B' gamma</i> RP	5'-CGGGAACACAATGGGCATTATCAC-3'
<i>B' zeta</i> FP	5'-GCCGCTGAGTTTCAACGTTGTATGG-3'
<i>B' zeta</i> RP	5'-CACGCGTGTCTCTCAAGAGCTG-3'
<i>PR-1</i> FP	5'-GAACATGTGGGTTAGCGAGAAG-3
<i>PR-1</i> RP	5'-GTTACATAATTCCCACGAGGA-3
<i>actin7</i> FP	5'-CAGTGTCTGGATCGGAGGAT-3'
<i>actin7</i> RP	5'-TGAACAATCGATGGACCTGA-3'
Genotyping primers	
<i>rcn1-6</i> FP	5'-GTCAAGTACCTCACCTATAAC-3'
<i>rcn1-6</i> RP	5'-CATAGCCAGCAACCAAAATGG-3'
<i>a2</i> FP	5'-CTACCGAATGACCATTTTGCG-3'
<i>a2</i> RP	5'-GCAAGACAATGGACAAAACCC-3'
<i>a3</i> FP	5'-GTCTCATTCTCGTTCTTCTG-3'
<i>a3</i> RP	5'-CTCAACCCCTCCTACATACAG-3'
<i>b' alpha</i> FP	5'-CCGAGCGTCAATCCTTGTTTC-3'
<i>b' alpha</i> RP	5'-TGAGGCATCGAGCAATCTGTT-3'
<i>b' beta</i> FP	5'-CGTGTACTCCGAGAAGATCTC-3'
<i>b' beta</i> RP	5'-CAGCAATTCTGAAGTTTCCTC-3'
<i>b' eta</i> FP	5'-GAGCTATTTGGCGAAACAGTG-3'
<i>b' eta</i> RP	5'-TCCAAAAGCACTGATAATGGC-3'
<i>b' theta</i> FP	5'-AAACTCAGCAATCCCATTGTG-3'
<i>b' theta</i> RP	5'-ATCGGAGGTGTTGTAATGTGC-3'
<i>b' gamma</i> FP	5'-TTGTCTCCAGGTTCAACAACC-3'
<i>b' gamma</i> RP	5'-AACACAGCCCTGCATGTAGAC-3'
<i>b' zeta</i> FP	5'-CACTCGTCGAAAAGAACTTGG-3'
<i>b' zeta</i> RP	5'-CCGAATCTCTTATCGGGAAG-3'
LBa1 (Salk line T-DNA specific primer)	5'-TGGTTCACGTAGTGGGCCATCG-3'
LB1 (Sail line T-DNA specific primer)	5'-GCCTTTTCAGAAATGGATAAATAGCCTTGCTTCC-3'

Continued

Table S2 continued

		Restriction enzyme	Note
Cloning primers			
<u>For pMDC43</u>			
B' alpha FP	5'-ACTAGTATGTTTAAGAAGATCATGAA -3'	SpeI	
B' alpha RP	5'-AGGCCTCTAAGAAGTGATCATAGGAT -3'	StuI	
WIP2 FP	5'- CACCGACTAGTATGTGTGCCATCAACCTG -3'	SpeI	
WIP2 RP	5'- CACCGAGGCCTCTAGATCATGGGGCGATC -3'	StuI	
AvrE1-N' FP (aa 1-898)	5'-ACTAGTGTGCAGTCACCATCGATCCA -3'	SpeI	
AvrE1-N' RP	5'-GGATCCTTATGCGGTGTTTTGTAGA -3'	BamHI	Stop codon added
AvrE1-M' FP (aa 585-1400)	5'-ACTAGTGTGAACCTGACCAATGCGCT -3'	SpeI	start codon added
AvrE1-M' RP	5'-GGATCCTTAGGGGTCGGCATTGGGGT -3'	BamHI	Stop codon added
AvrE1-C' FP (aa 889-1795)	5'-ACTAGTGTGATCCGCGCCAACATCTA -3'	SpeI	start codon added
AvrE1-C' RP	5'-GGATCCTTAGCTCTTCAGTTTGAACC -3'	BamHI	
AvrE1 full length FP	5'-ACTAGTGTGCAGTCACCATCGATCCA -3'	SpeI	
AvrE1 full length RP	5'-GGATCCTTAGCTCTTCAGTTTGAACC -3'	BamHI	
AvrE1-C' k1k2 FP (KK1787-88AA)	5'-ACTAGTGTGATCCGCGCCAACATCTA -3'	SpeI	start codon added
AvrE1-C' k1k2 RP	5'-TACCGAGCTCTTAGCTCTTCAGTTTGAACCCCTCTG CCGCCAAGTCGCCAGCC-3'	SacI	
HopQ1-1 FP	5'-TCGCCCTTCTGCAGACTAGTATGCATCGTCTATCA CCGC-3'		
HopQ1-1 RP	5'-CCTTAGGCCTGAGCTCATCTGGGGCTACCGTCGAC-3'		
<u>For pCsVMV-HA3-N-1300</u>			
AvrE1-N' FP (aa 1-898)	5'-GCTAGTCTAGAATGCAGTCACCATCGATC -3'	XbaI	
AvrE1-N' RP	5'-CACGCGGATCCTGCGGTGTTTTGTAGAT -3'	BamHI	
AvrE1-M' FP (aa 585-1400)	5'-GCTAGTCTAGAATGAACCTGACCAATGCG -3'	XbaI	start codon added
AvrE1-M' RP	5'-CACGCGGATCCGGGGTCGGCATTGGGGT -3'	BamHI	
AvrE1-C' FP (aa 889-1795)	5'-GCTAGTCTAGAATGATCCGCGCCAACATC -3'	XbaI	start codon added
AvrE1-C' RP	5'-CACGCGGATCCGCTCTTCAGTTTGAACCC -3'	BamHI	Stop codon excluded
AvrE1-C' k1k2 FP (KK1787-88AA)	5'-GCTAGTCTAGAATGATCCGCGCCAACATC -3'	XbaI	start codon added
AvrE1-C' k1k2 RP	5'-TACCGGATCCGCTCTTCAGTTTGAACCCCTCT GCCGCCAAGTCGCCAGCC -3'	BamHI	Stop codon excluded
<u>Complementation constructs</u>			
B' alpha FP	5'-CATGCAGTCGACTCCTTGGAAATTTTGTATGGGAAGA -3'	Sall	
B' alpha RP	5'-CATGCAGCGGCCGCGAGAAGTGATCATAGGATCTTC -3'	NotI	Stop codon excluded
B' beta FP	5'-CATGCAGTCGACATAGTCTCCTACTCCATTACA -3'	Sall	
B' beta RP	5'-CATGCAGCGGCCGCGGAAGTGATCATATGATCTTC -3'	NotI	Stop codon excluded