

**Supplementary Data 1 Primers used in this study.**

Primer	Sequence (5'-3')	Application
NtActin-RTF	GTGTTAGCCACACTGTCCCA	NtActin quantity
NtActin-RTR	TCAGTCAAGTCACGACCAGC	analysis in DNA
TbCSV-RTF	GAAGCGTCCAGCAGATATAA	Quantification of
TbCSV-RTR	GGGACATCAGGACTTCTGTA	TbCSV in DNA
NbDNA-Actin-RTF	GCGAGTAAACCCGTAAGG	NbActin quantity
NbDNA-Actin-RTR	GCTCAGGCATAGTTCACC	analysis in DNA
SIDNA-Actin-RTF	TGGAGGATCCATCCTTGCATCAC	SIActin quantity
SIDNA-Actin-RTR	TCGCCCTTTGAAATCCACATCTGC	analysis in DNA
ToLCCNV-RTF	TCTGGATTGTCCGAGACAGG	Quantification of
ToLCCNV-RTR	GTTGCCTGAAACCTGCGTAT	ToLCCNV in DNA
TbCSB-βC1-F	ATGACAATTAATAACAACAA	TbCSB βC1 detection
TbCSB-βC1-R	TACATTAGCTATTGTCC	in cDNA
ToLCCNB-βC1-F	ATGACGATCCAATACACCAAT	ToLCCNB βC1
ToLCCNB-βC1-R	TGTAGTTGCATTCTGTG	detection in cDNA
NbcDNA-Actin-RTF	CAATCCAGACACTGTACTTTCTCTC	NbActin mRNA level
NbcDNA-Actin-RTR	AAGCTGCAGGTATCCATGAGACTA	analysis in cDNA
NbcDNA-PR1a-RTF	CGTTGAGATGTGGGTTCGATG	NbPR1a mRNA level
NbcDNA-PR1a-RTR	CCTAGCACATCCAACACGAA	analysis in cDNA
NbcDNA-PR2-RTF	CATTAGCAGCAGCAGGGTTG	NbPR2 mRNA level
NbcDNA-PR2-RTR	GAGTGGAAAGTTATGTCGTGC	analysis in cDNA
GST-TbbetaC1-F	CGCGGATCCATGACAATTAATAACAACAA	Ligation of TbCSB
GST-TbbetaC1-R	TCCCCCGGGTCATACATTAGCTATTGTCC	βC1 with pGEX-6p-1
YC-TbbetaC1-F	CCCTTAATTAACATGACAATTAATAACAAC AAC	Ligation of TbCSB βC1 with p2YC
YC-TbbetaC1-R	GGGACTAGTTACATTAGCTATTGTCCCTA	
HSP90-12-YC-YN-F	ACCATTTACGAACGATAGTTAATTAACATG GCACCAGCACTAAGCAG	Ligation of NbHSP90- 12 with p2YC and
HSP90-12-YC-YN-R	CCACCACTGCCACCTCCTCCACTAGTCTC CCAAAGATCATTACTCT	p2YN
HSP90-2-YC-YN-F	ACCATTTACGAACGATAGTTAATTAACATG GCGGAGCAGGAGACGTT	Ligation of NbHSP90- 2 with p2YC and
HSP90-2-YC-YN-R	CCACCACTGCCACCTCCTCCACTAGTATC AACTTCCTCCATCTTGC	p2YN

HSP90-2-ND-YN-F	ACCATTTACGAACGATAGTTAATTAACATG GCGGAGCAGGAGACGTT	Ligation of <i>NbHSP90-2-ND</i> with p2YN
HSP90-2-ND-YN-R	CCACCACTGCCACCTCCTCCACTAGTATC ATCAGAGATTTCTTTT	
HSP90-2-MD-YN-F	ACCATTTACGAACGATAGTTAATTAACATG GAAAAGAAAAAGAAGAAGATC	Ligation of <i>NbHSP90-2-MD</i> with p2YN
HSP90-2-MD-YN-R	CCACCACTGCCACCTCCTCCACTAGTCCT GAGAGCTTGTGCCTTCA	
HSP90-2-CD-YN-F	ACCATTTACGAACGATAGTTAATTAACATG GACTCTAGCATGGCTGGATAC	Ligation of <i>NbHSP90-2-CD</i> with p2YN
HSP90-2-CD-YN-R	CCACCACTGCCACCTCCTCCACTAGTATC AACTTCCTCCATCTTGC	
HSP90-10-YC-YN-F	ACCATTTACGAACGATAGTTAATTAACATG CACAGACTTTCGAAACG	Ligation of <i>NbHSP90-10</i> with p2YC and p2YN
HSP90-10-YC-YN-R	CCACCACTGCCACCTCCTCCACTAGTTTTC TGTCCACCAGCTTCAG	
HSP90-10-ND-YN-F	ACCATTTACGAACGATAGTTAATTAACATG CACAGACTTTCGAAACG	Ligation of <i>NbHSP90-10-ND</i> with p2YN
HSP90-10-ND-YN-R	CCACCACTGCCACCTCCTCCACTAGTATC AACTTCAACCTCTTTTG	
HSP90-10-MD-YN-F	ACCATTTACGAACGATAGTTAATTAACATG AAGAAGAAGACCAAAAAAAT	Ligation of <i>NbHSP90-10-MD</i> with p2YN
HSP90-10-MD-YN-R	CCACCACTGCCACCTCCTCCACTAGTACC AACAGTTTGGGCCTTCA	
HSP90-10-CD-YN-F	ACCATTTACGAACGATAGTTAATTAACATG GATACCTCCAACCTGGATTT	Ligation of <i>NbHSP90-10-CD</i> with p2YN
HSP90-10-CD-YN-R	CCACCACTGCCACCTCCTCCACTAGTTTTC TGTCCACCAGCTTCAG	
BK-TbbetaC1-F	CTAGCCATGGAGATGACAATTAATAACAA CAA	Ligation of TbCSB $\beta C1$ with pGBKT7
BK-TbbetaC1-R	CGCGGATCCTCATACATTAGCTATTGTCCC	
AD-HSP90-2-F	GGGTGGGCATCGATACGGGATCCATATGG CGGAGCAGGAGACGTT	Ligation of <i>NbHSP90-2</i> with pGADT7
AD-HSP90-2-R	TGCAGCTCGAGCTCGATGGATCCTTAATC AACTTCCTCCATCTT	
AD-HSP90-10-F	GGGTGGGCATCGATACGGGATCCATATGC ACAGACTTTCGAAACG	Ligation of <i>NbHSP90-10</i> with pGADT7

AD-HSP90-10-R	TGCAGCTCGAGCTCGATGGATCCTTATTTCTGTCCACCAGCTT	
HSP90-2-HAF	CCGCTCGAGATGGCGGAGCAGGAGACGTT	Ligation of <i>NbHSP90-2</i> with
HSP90-2-HAR	CTAGTCTAGAATCAACTTCCTCCATCTTGC	pCAMBIA1300-3xHA
HSP90-10-HAF	CCGCTCGAGATGCACAGACTTTTCGAAACG	Ligation of <i>NbHSP90-10</i> with
HSP90-10-HAR	CTAGTCTAGATTTCTGTCCACCAGCTTCAG	pCAMBIA1300-3xHA
HSP90-2-TRV-1F	CTAGTCTAGAATGGCGGAGCAGGAGACGTT	Ligation of <i>NbHSP90-2</i> with pTRV2
HSP90-2-TRV-1R	CGCGGATCCATTGCCCAATCATGCTAACAT	
HSP90-2-TRV-2F	CTAGTCTAGAAACAAGGATGAAAGAAGGCC	Ligation of <i>NbHSP90-2</i> with pTRV2
HSP90-2-TRV-2R	CGCGGATCCAACAGCAAGGAGAATCCACA	
NbcDNA-HSP90-2-RTF	GATGAGGATTGCGGAGATGC	<i>NbHSP90-2</i> mRNA level analysis in
NbcDNA-HSP90-2-RTR	CCTCAGCATCAGCTTCAGGA	cDNA
HSP90-10-TRV-1F	CTAGTCTAGATCCTTGTTTCTGAACAAGTT	Ligation of <i>NbHSP90-10</i> with pTRV2
HSP90-10-TRV-1R	CGGGGTACCCAGCTGTCTCATCTTCTCCT	
HSP90-10-TRV-2F	CTAGTCTAGAGCGTCGTTTCGCATCATGAA	Ligation of <i>NbHSP90-10</i> with pTRV2
HSP90-10-TRV-2R	CGGGGTACCAAGAAGTTTTTCAAGGAAAG	
NbcDNA-HSP90-10-RTF	CGAAACGCTCTGTCACTTCA	<i>NbHSP90-10</i> mRNA level analysis in
NbcDNA-HSP90-10-RTR	ATTGGAGCAGCAACATCTCG	cDNA
HSP90-12-TRV-1F	CTAGTCTAGACCTTCTTTACTTGGGGATGA	Ligation of <i>NbHSP90-12</i> with pTRV2
HSP90-12-TRV-1R	CGGGGTACCGCTACTATCAGCCTCAGACT	
NbcDNA-HSP90-12-RTF	GGAGTGGTAGTGCCAATAGGT	<i>NbHSP90-12</i> mRNA level analysis in
NbcDNA-HSP90-12-RTR	GCCTCACACCTTACCACTAC	cDNA
NbNPR3-HAF	CGCGGATCCATGGATAATAGTAGGACTGC	Ligation of <i>NbNPR3</i>

NbNPR3-HAR	TCCCCCGGGTTTCCTAAAAGGGAGCTTAT	with pCAMBIA1300-3xHA
NbNPR3-TRV-F	CTAGTCTAGACTGTAGCGTTCCTTGCTGAG	Ligation of <i>NbNPR3</i> with pTRV2
NbNPR3-TRV-R	CGGGGTACCCATTGCTTTCAGGCCCTTGT	
NbcDNA-NPR3-RTF	ACATCAGCGGAAGCAGTAG	<i>NbNPR3</i> mRNA level analysis in cDNA
NbcDNA-NPR3-RTR	GTCGGCGAAGTAGTCAAAC	
BK-NPR3-F	CTAGCCATGGAGATGGATAATAGTAGGACTGC	Ligation of <i>NbNPR3</i> with pGBKT7
BK-NPR3-R	CGCGGATCCCTATTTTCCTAAAAGGGAGCTT	
AD-NPR3-F	GGGTGGGCATCGATACGGGATCCATATGGATAATAGTAGGACTGC	Ligation of <i>NbNPR3</i> with pGADT7
AD-NPR3-R	TGCAGCTCGAGCTCGATGGATCCCTATTTCTAAAAGGGAGCTT	
CMV-2b-F	ATGGAATTGAACGTAGGTGC	CMV <i>2b</i> detection in cDNA
CMV-2b-R	GAAAGCACCTTCCGCCC	
TuMV-HC-Pro-F	ATGAGTGCAGCAGGAGCCAA	TuMV <i>HC-Pro</i> detection in cDNA
TuMV-HC-Pro-R	TCCAACGCGGTAGTGTT	
BK-CMV-2b-F	CTAGCCATGGAGATGGAATTGAACGTAGGTGC	Ligation of CMV <i>2b</i> with pGBKT7
BK-CMV-2b-R	CGCGGATCCTCAGAAAGCACCTTCCGCCC	
BK- TuMV-HC-Pro-F	CTAGCCATGGAGATGAGTGCAGCAGGAGCA	Ligation of TuMV <i>HC-Pro</i> with pGBKT7
BK- TuMV-HC-Pro-R	CGCGGATCCTCATCCAACGCGGTAGTGTT	

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