

	Gene name	Primer sequence (5'-3')	Product size
<b>A. Primers used for amplification of <i>Nicotiana benthamiana</i> or <i>Nicotiana tabacum</i> homologs for cloning into <i>pTRV2</i> vector following Gateway technology</b>			
1	<i>NbSOS1</i>	-TCTTTTCAGCTCCTGCACCGTTACT- -TGACCAGTTTCGTTCCACATCCTGT-	302
2	<i>NbAPX</i>	-ACGAAAGATGGTCCAGGAAACCCT- -TCGGAAAGCTCTCTCTTTCCGGTT-	323
3	<i>NbGST</i>	-GCATGCAAAGGGAGAGTGTGGCTA- -ACTCCTCAAGTTGGCATCCTCCAA-	321
4	<i>NbCAT3</i>	-TGGAGTCAAGTGCTTGTGGAGGA- -AAACACCAGGGACAACAATGGCAG-	281
5	<i>NbDHAR</i>	-AGGGCACTTCTGACATTGGAGGAA- -ACATATGGTCCGTGAGCCTTGAGA-	318
6	<i>NbGPX</i>	-AATGTTGCATCACAGTGTGGCCTG- -TGGTTGGAGAGTAGCGATCAACGA-	321
7	<i>NbFER2</i>	-GCATGCTGTAGCCACACGAAACAA- -AGCACTGGGACTTTCCATCACCAA-	312
8	<i>NbHSP101</i>	-TGATCCTCTGTCCCACAAGCAGTT- -TCACAAGCCCTCCATTCTTCTCCA-	277
9	<i>NbBIP5</i>	-TTTGATGGCAAGGAGCCCAACAAG- -AGCAGTCTGCAGTCCTTTGTGAGA-	282
10	<i>NbP5CS1</i>	-TGTTGAAAGGAGGAAAGGAGGCCA- -CATTGCATTGCAGGCTGCTGGATA-	305
11	<i>NbCBL1</i>	-ATGGGCTGTTTCCAGTCTACAGCA- -TCTTCTTGTGAGGCATTTGGGTGG-	392
12	<i>NbMYC2</i>	-ATTCTTTTTCATATACTTTATATAG- -GGGAAGGAAGGGAAATCGCCG-	378
13	<i>NbGBP16</i>	-CGATGAGACGTCCTGGAAGAAG- -CGAATTGAGACGGGAAAAATAAG-	426
14	<i>NbRBX1</i>	-GACTGTTAGACGGAATATTCCC- -TTGTCAGTCAAATAGCACCTTATC-	382
15	<i>NbPAL1</i>	-TCTTCGAACATCTCCACAGTGGCT- -TGCAATTTGAGACACCCTTGAGTCC-	305
16	<i>NtEDS1</i>	-GAGTATCAGACCAAGTGTGATATCCG- -GCTGAGGTGGGAGTGTTCACC-	548
17	<i>NtNPR1</i>	-GAAAGAGCCTAAAATTGTAGTGTC- -CTATTTCTAAAAGGGACCTTATT-	753
18	<i>NtRAR1</i>	-GTGCCATCCTTTGGTGCATGGAGG- -AGGAAAGCACACAACAGAAAAACC-	468
19	<i>NbADR1</i>	-AGGGCTTCCTTTGGCTCTTAAGGT- -TCTCCAGCTCGTGCATCTTTGACT-	320
20	<i>NbMC</i>	-ATCCTTGCCTCTTTCCACCCTCAT- -CCGGCATAAACCTCTTGTTCCT-	285
21	<i>NbCYCD2</i>	-GTGCAATTGTTAGCTGTGGCCTGT- -CAGACATTGCCACTGATGCTGCAA-	310
22	<i>NbCTR1</i>	-CGGGAATTCGTTGCAATTATGAAGCGGTTGCG- -CGGCTCGAGTCATGAGAGCAACTGCATGTCTGT-	369
23	<i>NbWRKY1</i>	-CGGGAATTCGGATGATACTCCACCTATTAAGTC- -CGGCTCGAGTGCACCAATATGAACAACCATGTC-	538
24	<i>NtMEK1</i>	-AGATCTTCAGTTCTCATTGGAAGATCTTGA-	347

		-CGGTCTAGAGTAAAACCTGCTTGCAAACAACCTGC-	
25	<i>NbWRKY2</i>	-CGGGAATTCGACCAAGTCTCCGGAACAAGTGA- -CGGCTCGAGCGTAGCAGTGCTATAGGTTGCTG-	512
26	<i>NbETR1</i>	-AATACATGCCTGGTGAGGTGGT- -ACGTTGCTCCGGAGTTAGATCA-	-
27	<i>NbFLS</i>	-GCTCATCACTTGGGCTTGGGTTAGAAG- -TGGATTGGCCTCATTAACCAGCTTAGG-	416
28	<i>NbMYB1</i>	CGGGAATTCATGGTGAGAGCTCCTTGTTGTGAGAAA ATG- CGGCTCGAGGCACTGGGCTATCAATGTGTTTTTGTG T-	298
<b>B. Primers used in RT-PCR analysis</b>			
29	<i>NbSOS1</i>	-GTTCAAGCAGCATACTGGGAAATG- -CAAGCTTCCGGTGGACAAAAC-	199
30	<i>NbP5CS1</i>	-GATGTGATTGATCTTGTTATACC- -CCTTATGAACGAGAAGAGTTTC-	217
31	<i>NbHSP101</i>	-GGAAGGCCACAGCAACCAAC- -CAGAGTGTTGTTCCATGTAC-	154
32	<i>NbGPX</i>	-ATGACGGTTCAACATTGTCAC- -CTTACACTTCACACTTACATAG-	181
33	<i>NtEDS1</i>	-GAGAAGTGAAAGATGAGCTG- -CTACTGTACCAACCATCAAC-	160
34	<i>NbPDS</i> (NCBI accession # DQ469932)	-GCATTTTGATTGATTGCTTTGAAC- -CACAATCGGCATGCAAAGTC-	101
35	<i>NbChlH</i> (NCBI accession # AF014051)	-TGCAGTGGAGAAAGAAAGGGAC- -CCCCACAACCTCAAAGAAGC-	190
36	<i>TRV2-CP</i>	-CTGGGTTACTAGCGGCACTGAATA- -TCCACCAAACCTTAATCCCGAATAC-	-
37	<i>NbEF1<math>\alpha</math></i>	-CACGCATTGCTTGCTTTCA- -TCCATCTTGTTACAGCAGCAAATC-	220