

Table S1. Primers used in vector construction and oligonucleotides for RNA blot

Primer name	Primer sequence(5'- 3')	Brief description
P1	GTATTTTACACAATTACCAACAACAAC	
P2	ATCTCTAATGATACTAACTAAAGGATCCATC	pCB301-N5
P3	TGATGGATCCTTTAGTTAGTATCATTAGAGA	pCB301-S1
P4	TGGGCCCCwACCGGGGGT	
P5	AATTCGTTAGGTAACCAGTTTCAAAC	
P6	TTAAGATGCAGGTGCAGAGGTC	pCB301-
P7	gtctgggttggtctgGACCTCTGCACCTGCATCTTAAA	-S1 ^{N5-cp} or N5 ^{S1-cp}
P8	CGATCGGGGAAATTCGAGC	
P9	ATGGCTCTAGTTGTAAAGGTAAGGTAA	
P10	TGACAAAAACACAAATTGCGATGGAGAAGTGAT TGAGTAAGACcTATTTAATACGAATC	
P11	attcgattaaataggtACGCGTcccgggATGCATAGGTGCyG AAATATAAAGTTTG	pCB301-Δcp- <i>gfp</i> <i>p</i>
P8	CGATCGGGGAAATTCGAGC	
P12	CGacgctATGGTGAGCAAGGGCGAGGAG	
P13	TCCcccgggTACTTGTACAGCTCGTCCATGC	
P14	TCCcccgGGTAGTCAAGATGCATAATAAATAACG	
P15	TGGGCGCTACCGGCGGT	pCB301-N5- <i>gfp</i>
P16	ccggtagcggcccaGGGTCGGCATGGCATCTC	pCB301-S1- <i>gfp</i>
P8	CGATCGGGGAAATTCGAGC	
P21	CGgcatccATGGCTCTAGTTGTAAAGGTAAGGTAA	pCB301-N5-mp
P22	TCCcccgggTTAATACGAATCAGAATCCGCGAC	and S1-mp
P24	TCTAGTTGTAAAGGTAAGGTAAATATTAATG	MP mutants of
P25	GCAGACACTCACACCACCAC	S1- <i>gfp</i> , N5- <i>gfp</i> ,
P26	GTGGTGTGAGTGTCTGCWTGGTTGACAAGAGAA TGAAAGAG	S1
P27	TATTATTTTATAAACAATACACACAGACACA	
P28	ATTGTTTATAAAAATAATAYAAAATTGGGTTTGAG GGAGAAAGT	
P29	AAAACTTTTGGTTTAGGCCTTCC	
P30	CCTAAACCAAAAAGTTTTKATGAAGTTGAAAAA GAGTTTGATAATTTG	
P31	TGTGTTTGAAACTGGTTACCTAACG	
P32	CCGCGCGCTCCAAGACACTACCCTTCGATTAA-D IG	ToMV RNAs
P33	GTGTGGACAGGTAATGGTTGTCTGGTAAAAGGAC AGGGC-DIG	GFP mRNA
P34	TTGCGTGTGCATCCTTGCGCAGG-DIG	U6 RNA

P35-37	TCAAGAGCGCCATGCCTGAGGGATACGTGCAGG	<i>GFP</i> -siRNA
	AGA-DIG,	
	AGGACCATCTTCTTCAAGGACGACGGGAACTAC	
	AAGACACG-DIG and	
	GTGCTGAAGTCAAGTTTGAGGGAGACACCCTCG	
	TCAACAG-DIG	
