TABLE S1 Primers used in this study[a]

Upstream Primers (sense strand)		Downstream Primers (antisense strand)	
Name	Sequence	Name	Sequence
U(1)	GA**GGATCC**GAGTTATTCC	D(1)	GA**GGATCC**TTGTGCTTAATG
U(2,3)	GA**GGATCC**ACCGGTGGTTTGTG	D(2,3)	GA**GGATCC**GTCCCAGATTACGAGCC
U(4-10)	GA**GGATCC**GATAGAAGCGATGGATAC	D(4-10)	GA**GGATCC**ATTTAAGTTCACC
1_C	GGTAATCGCGGCGGCAGTTGAAACTTCACC	1_B	TTCAACTGCCGCCGCGATTACCTTACTCATG
2_C	TTAAGCACGCGGCAGCCATTCCAAATTCTTTG	2_B	TTGGAATGGCTGCCGCGTGCTTAATGTTTCCA
3_C	AAACATTTGCGGCTGCATCCATCTTCATCAAC	3_B	AGATGGATGCAGCCGCAAATGTTTTCTCTGTA
4_C	CACTCAGTGCAGCAGCAGCACAATTGGCCAAGGCA	4_B	CCAATTGTGCTGCTGCTGCACTGAGTGATTCTAGTTC
5_C	GCACTCGCGGCACTAATCATTGATAG	5_B	GATTAGTGCCGCGAGTGCGAATGTAAT
6_C	AATCATTGCTGCAGCAGTGGTGGCTAACGTT	6_B	CCACCACTGCTGCAGCAATGATTAGTTTCTTG
7_C	AGATAGTGCAGCTGTATCAATGACTGA	7_B	TGATACAGCTGCACTATCTCCAGAGA
8_C	AATGTAGCAGCAGCTCTGGCTCGTAATCTG	8_B	GAGCCAGAGCTGCTGCTACATTTTCAGTCA
9_C	GATATTGCTGCTGCATATGATGAAGATAG	9_B	CATCATATGCAGCAGCAATATCAACAAGTC
10_C	AGATAGCGCTGCAGCAGCGCCAATATTCAATG	10_B	TATTGGCGCTGCTGCAGCGCTATCTTCATCAT
Cloning U	GA**GGATCCCATATG**AGTAAGGTAATC	Cloning D	GA**GGATCC**TTATACATTGAATATTGGC
Cloning Mutant U(1)	GA**GGATCCCATATG**AGTAAGGTAATCGCGGCGGCAGTTGAAAC	Cloning Mutant D(10)	GA**GGATCC**TTATACATTGAATATTGGCGCTGCTGCAGCGCTATCTTC
mCherry 5'	GC**AGATCTCATATGGGATCC**GTGAGCAAGGGCGAGG	mCherry 3'	GT**AGATCT**TCACTTGTACAGCTCGTCC
		I3 no stop 3'	GA**GGATCC**TACATTGAATATTGGC
I3-siRNA sense	GAUAGAAGCGAUGGAUACUtt	I3-siRNA antisense	AGUAUCCAUCGCUUCUAUCtt
MM-siRNA sense	GAUAGAA~~CG~~GAU~~CC~~AUACUtt	MM-siRNA antisense	AGUAU~~GG~~AUC~~CG~~UUCUAUCtt

[a] All primers are written 5'→3';restriction enzyme sites are bolded; the altered nucleotides are underlined; the initiating and terminating codons are double underlined. Those residues altered in the siRNA-I3 MM duplex are marked with strike-throughs.

[b] For the U and D primers, the numbers in the parentheses designate the alleles for which each primer was used.

U(x) + X_B

D(x) + X_C