

Table S1. Sequences of mmu_circular RNA_0010297-targeting siRNAs and miR-34a-3p mimics.

ID	Sense (5'-3')	Antisense (5'-3')
si1	GAGGAAGGAAGAAGAAGAGTT	CUCUUCUUCUCCUCCUCTT
si2	CAGGAGAGGAAGGAAGAAGTT	CUUCUCCUCCUCUCCUGTT
si3	CCUGUCAGGAGAGGAAGGATT	UCCUCCUCUCCUGACAGGTT
si4	UGUCAGGAGAGGAAGGAAGTT	ACAGUCCUCUCCUCCUUCTT
si5	CUGUCAGGAGAGGAAGGAATT	UCCUCCUCUCCUGACAGTT
siNC	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
miR-34a-3p mimics	UGGCAGUGUCUUAGCUGGUUGU	-
mimics NC	UUGUACUACACAAAAGUACUG	-

miR, microRNA; NC, negative control; siRNA/si, small interfering RNA.

Table SII. Primer sequences used for reverse transcription PCR analysis in the present study.

Gene	Forward (5'-3')	Reverse (5'-3')
β -actin	CCACGAAACTACCTTCAACTCC	GTGATCTCCTTCTGCATCCTGT
hsa_circ_0000118		
Outward primer	ACTTGCAGCATATTACCTATCAGGA	TTCTGGGTCTCCACCACGTA
Inward primer	TGCCACCAGTCCCTATTCCC	GTCCCCACCCATATGTCCT
Acta2	GCCCAGAGCAAGAGAGG	TGTCAGCAGTGTCCGGATG
Vim	CTCCTACGATTACAGCCA	GAGCCACCGAACATCCT
Col1a1	CAGAGGCGAAGGCAACA	GTCCAAGGGAGCCACATC
Col3a1	AGAACCTGGCCGAGATG	TGGACTTCCGGGCATAC
Smad4	CAAGCTGCCCTGTTGTG	CTCGCTCTCTCAATCGCT
mmu_circ_0010297	CAAGAGAGGAAATCCGTGCAG	ACTGACCCCTACACGTTGTG
MAN1A2	GAGTAGGTGCGAAACTGGGGC	AGACCATTTGGGCGTTCCAT

circ, circular RNA; Col1a1, collagen type I α 1 chain; Col3a1, collagen type III α 1 chain; Vim, Vimentin.

Table SIII. Primer sequences used for stem-loop reverse transcription-PCR.

Gene	Primer sequence (5'-3')
mmu-miR-34a-5p	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACACAACC
Forward	AACCGGTGGCAGTGTCTTAG
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-7215-5p	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACGTAGCT
Forward	AACCGGGCTCTTTATGTCCAA
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-1951	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACTAGCCA
Forward	ACCTGCATGTAGTGGAGACTG
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-686	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACTCTTCA
Forward	AGCAACTTATTGCTTCCCAGAC
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-7675-3p	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACGAGTCA
Forward	AAGCGCCTTGTTTCATTTGTTT
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-546	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACGACTCC
Forward	ATAAGCATATGGTGGCACGGA
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-6987-5p	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACCTCACC
Forward	ATCAGAATGGGACAGGGTGAC
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-6387	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACATACAC
Forward	AAGTTGCATGGAATGGCTTCC
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-7032-3p	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACTGCAGG
Forward	AATAGTCATCCTCTCGGTACCG
Reverse	CAGTGCAGGGTCCGAGGT
mmu-miR-6946-3p	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACCTGAAA
Forward	CGCAGCGTTTCTTCTCTTCCC
Reverse	AGTGCAGGGTCCGAGGTATT
U6	
Stem-loop	GTCGTATCCAGTGCAGGGTCCGAGGTATTTCGCACTGGATACGACAAAATA
Forward	AGAGAAGATTAGCATGGCCCCTG
Reverse	ATCCAGTGCAGGGTCCGAGG

miR, microRNA.

Table SIV. Detection rate of 12 circRNAs in the plasma of 29 patients with atrial fibrillation.

circRNA	Detection rate, % (n)
hsa_circ_0000118	100.0 (29)
chr2_32395593_32377588_-18005	82.8 (24)
chr12_80510443_80443752_-66691	75.9 (22)
chr12_66217235_66203711_-13524	72.4 (21)
chr13_100368574_100301460_-67114	72.4 (21)
chr13_30283791_30280063_-3728	62.1 (18)
chr2_178721202_178689813_-31389	62.1 (18)
chr12_95296258_95251940_-44318	51.7 (15)
chr13_41260915_41252645_-8270	51.7 (15)
chr5_32739030_32724698_-14332	41.4 (12)
chr9_109064567_109033307_-31260	41.4 (12)
chr13_41887361_41865736_-21625	27.6 (8)

circRNA/circ, circular RNA.