

Supplementary materials

Table S1. Sequences of DNA primers

Name	Primer Sequences of DNA primers	Accessin No.
Primers for 3'-UTR Cloning		
PIK3R1 3'-UTR-F	GACCTCGAGGCACTAGACCTT	XM-015277626.1
PIK3R1 3'-UTR-R	TTAGCGGCCGCTTTACCCCTCCAC	XM-015277626.1
Mut-PIK3R1 3'-UTR-F	TAGCTGCCCAAGATATGGCTATTTTTTTTGTCTATTCTTGTTTTTAAAAATAAAGC	XM-015277626.1
Mut-PIK3R1 3'-UTR-R	GAATAGAAACAAAAAATAGCCATATCTTGGGCAGCTAATGCAGTCTCA	XM-015277626.1
Primers for RT-qPCR		
RT-gga-miR-16-5p	CTCAACTGGTGTCTGCGTGGAGTCGGCAATTCAGTTGAGCACCAATA	MIMAT0001116
gga-miR-16-5p-F	CCTGGTAGGTAGCAGCACGTAAATA	MIMAT0001116
gga-miR-16-5p-R	ACTGGTGTCTGCGTGGAGTCGGC	MIMAT0001116
gga-5s-rRNA-F	CCATACCACCCTGGAAACGC	
gga-5s-rRNA-R	TACTAACCGAGCCCGACCCT	
PIK3R1-F	TATTTGAAGAGCAGTGCCAGAC	XM-015277626.1
PIK3R1-R	TGCTGTTCATTCGCTTGTCTAT	XM-015277626.1
AKT-F	AAAACAGAGCGACCAAAGCC	NM-205055.1
AKT-R	TGTCTGCTACAGCCTGGATTG	NM-205055.1
NF- κ B-F	GCCAGGTTGCCATCGTGT	NM-205129
NF- κ B-R	CGTGCGTTTGCGCTTCTC	NM-205129
GAPDH-F	GAGGGTAGTGAAGGCTGCTG	NM-204305
GAPDH-R	CACAACACGGTTGCTGTATC	NM-204305
TNF- α -F	CAGGACAGCCTATGCCAACAAG	XM-015294124
TNF- α -R	AACAACCAGCTATGCACCCCAG	XM-015294124

Table S2. Sequences of RNA oligonucleotides

Name	Sequences(5'-3')
gga-miR-16-5p mimics	UAGCAGCACGUAAAUAUUGGUG CCAAUAUUUACGUGCUGCUAUU
gga-miR-16-5p NC	UUCUCCGAACGUGUCACGUTT ACGUGACACGUUCGGAGAATT
gga-miR-16-5p inhibitor	CACCAUAUUUACGUGCUGCUA
gga-miR-16-5p inhibitor-NC	CAGUACUUUUGUGUAGUACAA