

Table S1 Primer used in this study

Name	Primer sequences (5'-3')
circ_0087429	F: GGTCCAGAGCTGATGCAGAGTG
	R: GGTTAATCCACCATCCAAGTGTC
OGN	F: TCTACACTTCTCCTGTTACTGCT
	R: GAGGTAATGGTGTTATTGCCTCA
SPIN1	F: TGCTGAACTCGTAAAAGAGACAC
	R: GGTGTCTTTCCGAATGGGGT
EIF4A3	F: TGGCTCCCACAAGAGAGTTG
	R: GCACTGGACATTCATGTAGTCA
β -actin	F: CCTGTACGCCAACACAGTGC
	R: AACTCCTGCTTGCTGATCC
GAPDH	F: CTGACTTCAACAGCGACACC
	R: TGCTGTAGCCAAATTCGTTGT
U6	F: CTCGCTTCGGCAGCACA
	R: AACGCTTCACGAATTTGCGT
miR-5003-3p	CGCGGCTACTTTTCTAGGTTG
miR-378i	AGGCGGACTGGACTAGGAGTC
miR-378a-3p	ACGCACTGGACTTGGAGTCA
miR-452-3p	CGGGCTCATCTGCAAAGAAG
miR-7846-3p	ATGCAGCGGAGCCTGGAG

Table S2 Oligonucleotides used in this study

Definition	sequences (5'-3')
si-circ_0087429-1	Sense: GAGCUGAUGCAGAGUGCUUGUTT Antisense: ACAAGCACUCUGCAUCAGCUCTT
si-circ_0087429-2	Sense: GAUGCAGAGUGCUUGUGAUUUTT Antisense: AAAUCACAAGCACUCUGCAUCTT
si-circ_0087429-3	Sense: UGCAGAGUGCUUGUGAUUUCATT Antisense: UGAAAUCACAAGCACUCUGCATT
si-OGN-1	Sense: GACUCGAUUUUACAGGAAATT Antisense: UUUCCUGUAAAUCGAGUCTT
si-OGN-2	Sense: CAUUAUCUAUGAUUAUGGATT Antisense: UCCAUAUAUCAUAGAUAAUGTT
si-OGN-3	Sense: GGAAUCCGUGCCUCUAAAUUUTT Antisense: AAUUAAAGAGGCACGGAUUCCTT
si-EIF4A3-1	Sense: GAGCAGAUUUACGAUGUAUTT Antisense: AUACAUCGUAAAUCUGCUCTT
si-EIF4A3-2	Sense: CUCUCGGUGACUACAUGAATT Antisense: UUCAUGUAGUCACCGAGAGTT
si-EIF4A3-3	Sense: CGAGCAAUCAAGCAGAUCATT Antisense: UGAUCUGCUUGAUUGCUCGTT
si-NC	Sense: UUCUCCGAACGUGUCACGUTT Antisense: ACGUGACACGUUCGGAGAATT

miR-5003-5p mimics	Sense: UACUUUUCUAGGUUGUUGGGG Antisense: CCCCAACAACCUAGAAAAGUA
miR-5003-5p mimics NC	Sense: UCACAACCUCCUAGAAAGAGUAGA Antisense: UCUACUCUUUCUAGGAGGUUGUGA
miR-5003-5p inhibitor	CCCCAACAACCUAGAAAAGUA
miR-5003-5p inhibitor NC	UCUACUCUUUCUAGGAGGUUGUGA