

**Table SI.** Primer sequences used for reverse transcription-quantitative PCR.

Gene or miR name)	Primer sequence (5'-3')
Ablim1	F: CACTTCCACCGACCTGGCAATG
	R: GCCTGAGCGTAAGTTGGAGTTAGAG
Ddx5	F: GCCAGTTGCTCTCAGTGGAT
	R: AGTTCTCGAGTTGGTGCCAG
Slc7a1-1	F: TCCACCAGTCTCCTAGGCTC
	R: AAGAGGAAGGCCATCACAGC
Acta2	F: CTATGAGGGCTATGCCTTGCC
	R: GCTCAGCAGTAGTAACGAAGGA
Tagln	F: CAACAAGGGTCCATCCTACGG
	R: ATCTGGGCGGCCTACATCA
Cnn1	F: GGCATGACAGTGTATGGGCTTCC
	R: AGTTGTGCGGGTGGTGATTGTG
18s	F: CGCCGCTAGAGGTGAAATTC
	R: TTGGCAAATGCTTTTCGCTC
MMP2	F: CAAGGATGGACTCCTGGCACAT
	R: TACTCGCCATCAGCGTTCCCAT
U6	F: CAGCACATATACTAAAATTGGAACG
	R: ACGAATTTGCGTGTCATCC
miR-378a-5p	F: CTCCTGACTCCAGGTCCTGTGT
miR-200b-3p	F: TAATACTGCCTGGTAATGATGA
miR-200c-3p	F: UAAUACUGCCGGGUAUGAUGGA
miR-342-5p	F: AGGGGUGCUAUCUGUGAUUGAG
miR-150-3p	F: CUGGUACAGGCCUGGGGGAUAG
miR-149-5p	F: UCUGGCUCCGUGUCUUCACUCCC
miR-39-3p	F: TCACCGGGTGTAATCAGCTTG
Reverse	AACGCTTACGAATTTGCGT

miR, microRNA; ABLIM1, actin-binding LIM protein 1; MMP, matrix metalloproteinase; F, forward; R, reverse.

**Table SII.** Sequences of miRNA mimic, miRNA inhibitor and siRNA.

<b>Name</b>	<b>Sequence (5'-3')</b>
<b>miR-378a-5p mimic</b>	F: CUCCUGACUCCAGGUCCUGUGU
	R: ACAGGACCUGGAGUCAGGAGUU
<b>Mimic-NC</b>	F: UUCUCCGAACGUGUCACGUTT
	R: ACGUGACACGUUCGGAGAATT-
<b>miR-378a-5p inhibitor</b>	F: ACACAGGACCUGGAGUCAGGAG
	R: UUCUCCGAACGUGUCACGUTT-
<b>Inhibitor -NC</b>	F: CAGUACUUUUGUGUAGUACAA
	R: ACGUGACACGUUCGGAGAATT
<b>Mouse <i>Ablim1</i> siRNA</b>	Sense: AATCGCAAATAACTACGTAATACG
	Antisense: CCGGCACAGUUACA CUCCAACUACG
<b>Mouse <i>Mkl1</i> siRNA</b>	Sense: GCUGGUCAGGAUGCACAUUTT
	Antisense: AAUGUGCAUCCUGACCAGCTT
<b>Mouse NC siRNA</b>	Sense: UUCUCCGAACGUGUCACGUTT
	Antisense: ACGUGACACGUUCGGAGAATT

miR or miRNA, microRNA; siRNA, small interfering RNA; NC, negative control; ABLIM1, actin-binding LIM protein 1; MKL1, megakaryoblastic leukemia1.