

Table S2. Primers used in the experiments.

Gene name		Primer sequence	Application
RRM2	F	5'-AGTGGAAGGCATTTTCTTTTCC-3'	qRT-PCR
	R	5'-GCAAAATCACAGTGTAACCCT-3'	
E-Cadherin	F	5'-ATTTTCCCTCGACACCCGAT-3'	qRT-PCR
	R	5'-TCCCAGGCGTAGACCAAGA-3'	
N-Cadherin	F	5'-TGCGGTACAGTGTAAGTGGG-3'	qRT-PCR
	R	5'-GAAACCGGGCTATCTGCTCG-3'	
Vimentin	F	5'-AGTCCACTGAGTACCGGAGAC-3'	qRT-PCR
	R	5'-CATTTACGCATCTGGCGTTC-3'	
GAPDH	F	5'-CAGGAGGCATTGCTGATGAT-3'	qRT-PCR
	R	5'-GAAGGCTGGGGCTCATTT-3'	
si-NC	sense	5'-UUCUCCGAACGUGUCACGUTT-3'	si-RNA
	anti-sense	5'-ACGUGACACGUUCGGAGAATT-3'	
si-RRM2#1	sense	5'-CCAUCGAGUACCAUGAUUATT-3'	si-RNA
	anti-sense	5'-AUAUCAUGGUACUCGAUGGTT-3'	
si-RRM2#2	sense	5'-GGAGCGAUUUAGCCAAGAATT-3'	si-RNA
	anti-sense	5'-UUCUUGGCUAAAUCGCUCCTT-3'	
MT1F	F	5'-GAATGTAGCAAATGGGTCAAGGTG-3'	qRT-PCR (up)
	R	5'-TCTCCTGCACCTGCGCTGGT-3'	
CYP1A1	F	5'-TCGGCCACGGAGTTTCTTC-3'	qRT-PCR (up)
	R	5'-GGTCAGCATGTGCCAATCA-3'	
HMOX1	F	5'-ATTTCAGAAGGGCCAGGTGA-3'	qRT-PCR (up)
	R	5'-GGAAGTAGACAGGGGCGAAGA-3'	
AJUBA	F	5'-GATGCGGGAGCCAGAGG-3'	qRT-PCR (up)
	R	5'-CACAAGAGCAGCAAACAAAGC-3'	
IL6	F	5'-GACCGAAGGCGCTTGTGGA-3'	qRT-PCR (up)
	R	5'-CTCATTCTGCCCTCGAGCC-3'	
SLC7A11	F	5'-TTACCAGCTTTTGTACGAGTCT-3'	qRT-PCR (up)
	R	5'-GTGAGCTTGCAAAAGGTTAAGA-3'	
MKNK2	F	5'-GTTCTGAAGATGTCTATCAGC-3'	qRT-PCR (up)
	R	5'-TTCTAGAACATTCTATGTCCC-3'	
CYP1B1	F	5'-CTCTCTGGAGAAATGGCCGA-3'	qRT-PCR (up)
	R	5'-AAAGGAAATCAAGCGCCACC-3'	
FABP5	F	5'-GCATTGGTTCAGCATCAG-3'	qRT-PCR (up)
	R	5'-ATCCGAGTACAGGTGACA-3'	
CD55	F	5'-TGACTGTGGCCTTCCCCCAGAT-3'	qRT-PCR (up)
	R	5'-GTGTTACATGAGAAGGAGATGG-3'	
APLN	F	5'-AAGGCACCATCCGATACCTG-3'	qRT-PCR (down)
	R	5'-ATGGGACCCTTGTGGGAGA-3'	
FADS2	F	5'-TGGAGCAGTCCTTCTTCAACG-3'	qRT-PCR (down)
	R	5'-AGCCACAGCTTCCAGACTTC-3'	
ACSS2	F	5'-GGATTCCAGCTGCAGTCTTC-3'	qRT-PCR (down)
	R	5'-CAGCCAGCTCCTTCAGGTT-3'	

CCL2	F	5'-CCGAGAGGCTGAGACTAACC-3'	qRT-PCR (down)
	R	5'-CTTTCATGCTGGAGGCGAGA-3'	
STC1	F	5'-TTCTGGTGCTGGTGATCAGTG-3'	qRT-PCR (down)
	R	5'-TTTGGGCACAGTGGTCTGTCT-3'	
NDRG1	F	5'-CTGCACCTGTTCATCAATGC-3'	qRT-PCR (down)
	R	5'-AGAGAAAGTGACGCTGGAACC-3'	
SCD	F	5'-TCTAGCTCCTATACCACCACCA-3'	qRT-PCR (down)
	R	5'-TCGTCTCCAACTTATCTCCTCC-3'	
LRP5	F	5'-AGGCCCTACATCATTGAGG-3'	qRT-PCR (down)
	R	5'-GGGGTCTGAGTCCGAATTCA-3'	
EGR1	F	5'-CTGCGACATCTGTGGAAGAAA-3'	qRT-PCR (down)
	R	5'-TGTCTGCTTTCTTGTCTTCTG-3'	
CD24	F	5'-CCAACTAATGCCACCACCA-3'	qRT-PCR (down)
	R	5'-GACGTTTCTTGGCCTGAGTC-3'	

Abbreviations: F: Forward; R: Reverse; qRT-PCR: quantitative real-time PCR; si-RNA: Small interfering-RNA;