Long noncoding RNA MALAT1 promotes hepatic steatosis and insulin resistance by increasing nuclear SREBP-1c protein stability

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Table 1 Sequences of primers for real-time PCR.

Primers for real-time PCR		Sequences
MALAT1 (human)	Sense	5'-CTTAAGCGCAGCGCCATTTT-3'
	Antisense	5'-CCTC CAAACCCCAAGACCAA-3'
MALAT1 (mouse)	Sense	5’-GAGTTCTAATTCTTTTTACTGCTCAATC-3’
	Antisense	5’-AGAGCAGAGCAGCGTAGAGC-3’
SREBP-1c (human)	Sense	5’-GGATTGCACTTTCGAAGACATG-3’
	Antisense	5’-ACTCTGG ACCTGGGTGTGCAAG-3’
SREBP-1c (mouse)	Sense	5’-GTGAGCCTGACAAGCAATCA-3’
	Antisense	5’-GGTGCCTACAGAGCAAGAG-3’
ACC1 (human)	Sense	5’-GAATGTTTGGGGATATTTCAG-3’
	Antisense	5’-TTCTGCTATCAGTCTGTCCAG-3’
ACC1 (mouse)	Sense	5’-GCTTATTGATCAGTTATGTGGCC-3’
	Antisense	5’-CTGCAGGTTCTCAATGCAAA-3’
ACLY (human)	Sense	5’-GCCCATCCCCAACCAGCCAC-3’
	Antisense	5’-TTGCAGGCGCCACCTCATCG-3’
ACLY (mouse)	Sense	5’-AAGAAGGAGGGGAAGCTGAT-3’
	Antisense	5’TCGCATGTCTGGGTTGTTTA3’
SCD1 (human)	Sense	5’-CCTCTACTTGGAAGACGACATTCG-3’
	Antisense	5’-GCAGCCGAGCTTTGTAAGAGC-3’
SCD1 (mouse)	Sense	5’-AAGATATTCACGACCCCACC-3’
	Antisense	5’-CAGCCGTGCCTTGTAAGTTC-3’
FAS (human)	Sense	5’-CAAGAACTGCACGGAGGTGT-3’
	Antisense	5’-AGCTGCCAGAGTCGGAGAAC-3’
FAS (mouse)	Sense	5’-GATCCTGGAACGAGAACAC-3’
	Antisense	5’-AGACTGTGGAACACGGTGGA-3’
HMGCR (human)	Sense	5’-ACATTGTCACCGCCATCTACATTGC-3’
	Antisense	5′-GGCTTGCTGAGGTAGTAGGTTGGT-3′
HMGCR (mouse)	Sense	5′-TACAACGCCCACGCAGCAAACA-3’

	Antisense	5′-ACCAACCTTCCTACCTCAGCAA-3′
LDLR (human)	Sense	5′-CTGTCTCTGTTGCGGATACCAAGG-3′
	Antisense	5′-GCGAGTAGATGTCCACACCATTCA-3′
LDLR (mouse)	Sense	5′-AGCCATTTTCAGTGCCAATC-3′
	Antisense	5′-GAGGAGGGCTGTTGTCTCAC-3′
PEPCK (human)	Sense	5’-TGAGCTGTGTCAGCCTGATCAC-3’
	Antisense	5’-ACCGTCTTGCTTTCGACCTG-3’
PEPCK (mouse)	Sense	5’-GAGAAAGCATTCAACGCCAGG-3’
	Antisense	5’-CACAGATATGCCCATCCGAGTC-3’
G-6-pase (human)	Sense	5’-GAGATCATCTCCTTCGGAAGCG-3’
	Antisense	5’-TTAGTTATGCCCAGGATCAGCATG-3’
G-6-pase (mouse)	Sense	5’-AGCTCCGTGCCTATAATAAAGCAG-3’
	Antisense	5’-CATACGTTGGCTTTTTCTTTCCTC-3’
GAPDH (human)	Sense	5’-ATGACATCAAGAAGGTGGTG-3’
	Antisense	5’-CATACCAGGAAATGAGCTTG-3’
GAPDH (mouse)	Sense	5’-GGCATTGTGGAAGGGCTCAT-3’
	Antisense	5’-GACACATTGGGGGTAGGAACAC-3’
β-Actin (human)	Sense	5'- GCAAGTGCTTCTAGGCGGAC-3'
	Antisense	5'- AAGAAAGGGTGTAAAACGCAGC-3'
β-Actin (mouse)	Sense	5'-AGGCCAACCGTGAAAAGATG-3'
	Antisense	5'-AGAGCATAGCCCTCGTAGATGG-3'