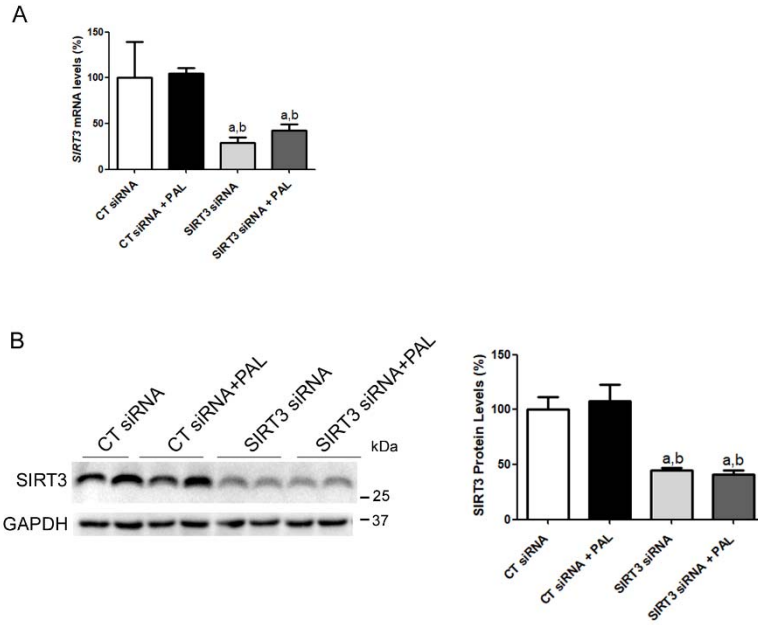




Supplementary Figure 1. Knockdown of SIRT3 in Huh-7 hepatocytes.

mRNA (A) and protein (B) levels of SIRT3 in human Huh-7 hepatocytes transfected with control (CT) or *SIRT3* siRNA and incubated with fatty acid free-BSA or BSA-palmitate (0.5mM) (Pal) for 24 h. a, $p < 0.05$ vs. CT siRNA cells. b, $p < 0.05$ vs. CT siRNA cells incubated with palmitate.

Table S1. Primer sequences used for RT-PCR

Gene	Primers	
<i>mAprt</i>	for	5'-CAGCGGCAAGATCGACTACA-3'
	rev	5'-AGCTAGGGAAGGGCCAAACA-3'
<i>mAcox</i>	for	5'-TCTGGAGATCACGGGCACTT-3'
	rev	5'-TTTCCAAGCCTCGAAGATGAG-3'
<i>hCPT1α</i>	for	5'-TGCTTTACAGGCGCAAACCTG-3'
	rev	5'-TGGAATCGTGGATCCCAA-3'
<i>mCpt1α</i>	for	5'-GCAGAGCACGGCAAATGA-3'
	rev	5'-GGCTTTCGACCCGAGAAGAC-3'
<i>mFas</i>	for	5'-CATTGGTGGTGTGGACATGGT-3'
	rev	5'-GACCGCTTGGGTAATCCATAGA-3'
<i>mFgf21</i>	for	5'-CAGGGAGGATGGAACAGTGGTA-3'
	rev	5'-TGACACCCAGGATTTGAATGAC-3'
<i>hGAPDH</i>	for	5'-GGCCTCCAAGGAGTAAGACC-3'
	rev	5'-AGGGGTCTACATGGCAACTG-3'
<i>mMcad</i>	for	5'-TGACGGAGCAGCCAATGA-3'
	rev	5'-ATGGCCGCCACATCAGA-3'
<i>mPpara</i>	for	5'-CAAGGCCTCAGGGTACCACTAC-3'
	rev	5'-GCCGAATAGTTCGCCGAAA-3'
<i>mScd1</i>	for	5'-CTGTACGGGATCATACTGGTTC-3'
	rev	5'-GCCGTGCCTTGTAAGTTCTG-3'
<i>hSIRT3</i>	for	5'-CGGCTCTACACGCAGAACATC-3'
	rev	5'-AGGTTCCATGAGCTTCAACCA-3'
<i>hVLDLR</i>	for	5'-CAAGAGGAAGTTCCTGTTTAACTCTGA-3'
	rev	5'-TGACCAGTAAACAAAGCCAGACA-3'
<i>mVldlr</i>	for	5'-TCCAATGGCCTAATGGAATTACA-3'
	rev	5'-AGCATGTGCAACTTGGAATCC-3'