

SUPPLEMENTAL MATERIAL

Liu et al., <http://dx.doi.org/10.1084/jem.20151794>

Table S1. Primers used for genotyping

Gene	Primer	Sequence (5'-3')	Primer type
<i>ApoE</i>	oIMR180	GCCTAGCCGAGGGAGAGCCG	Common
	oIMR181	TGTGACTTGGAGCTCTGCAGC	WT reverse
	oIMR182	GCCGCCCCGACTGCATCT	Mutant reverse
<i>SM22α-Cre</i>	oIMR7055	GGCCCAGGGTTGTCAAAATAGTC	Common
	oIMR7056	CTCCTCCAGCTCCTCGTCATACTTC	WT reverse
	oIMR7057	CGCCGCATAACCAAGTAAACAG	Mutant reverse
<i>Sirt1-LoxP</i>	oIMR7909	GGTTGACTTAGGTCTTGTCTG	Forward
	oIMR7912	CGTCCCTTGAATGTTTCCC	Reverse

Table S2. Primers used for measuring relative mRNA expression

Gene	Forward (5'-3')	Reverse (5'-3')
<i>Actb</i>	GCATTGTTACCAACTGGGACC	GCTGGGGTGTGAAGTCTC
<i>Hk1</i>	CGGACCACAGTTGGCGTAGA	TCCCTTGCCACTGCCACTCT
<i>Hk4</i>	AGTGGAGCGTGAAGACGAAAC	AAGGTGAAGCCCAGGGGTAGT
<i>PKIα</i>	AAGGGTCCCAGATACGCA	GGTAGTCCACCCACACTGTCTTT
<i>PKβ</i>	GCCTGGACATTGACTCTGCC	ATCTCCTTCAGCATCTCCACAG
<i>Acadl</i>	TTCCTCGGAGCATGACATTTT	TGATGCCAAGCAAGCCCT
<i>Cpt1a</i>	GCTGGCTTATCGTGGTGGT	CGCCACTCAGATGTTCTTC
<i>Lipe</i>	AAACGCAACGAGACAGGCCTCA	ATGCCATGTTGCCAGAGACGA
<i>Pnpla2</i>	ATTTATCCCGGTGACTGTG	GGGACACTGTGATGGTATTC
<i>Fasn</i>	CGGCTGCTGTTGGAAGTCA	TGCCTCTGAACCACTCACACC
<i>Ndufs8</i>	GTTCATAGGGTCAGAGGTCAAG	TCCATTAAGATGTCTGTGCG
<i>Sdhb</i>	ACCCCTTCTCTGTCTACCG	AATGCTCGTCTCCTTGTAG
<i>Uqcrc1</i>	ATCAAGGCACTGTCCAAGG	TCATTTTCTGCATCTCCCG
<i>Cox5b</i>	ACCCTAATCTAGTCCCCTCC	CAGCCAAAACAGATGACAG
<i>Atp5a1</i>	CATTGGTGATGGTATTGCGC	TCCCAAACACGCAACTCC
<i>Sirt1</i> (exons 3-4)	GTTCTGACTGGAGCTGGGGTTT	ATGGCTTGAGGGTCTGGGAG
<i>Sirt1</i> (exons 5-6)	AGGTTGCAGGAATCCAAAGG	TCTCCAGAACAGCTTACAAT
<i>Mmp2</i>	CAAGTTCCCCGGCGATGTC	TTCTGGTCAAGGTCACCTGTC
<i>Mmp9</i>	CACCACAGCCAATGATGACCA	CAGGAAGACGAAGGGGAAGAC

Table S3. Primers used in tissue ChIP

Gene	Promoter region bp	Forward (5'-3')	Reverse (5'-3')
<i>Mmp2</i>	-919 to -784	CAAGCCAAGGGATAGAGGACA	GCAAGGATAATCTGAAAGGAGG
	-669 to -485	CAACTCAGAAGTACATCGTCC	GGTTTCACTGGTGGCTCAAT
	-404 to -261	CTTGAGTGGCTCTATGGCTGAT	TGCTTTGGAGGATACTGG
	-260 to -105	AGGCCCTGATCCAATCTTTAA	TTCTTCCATCCCCATCCC
<i>Actb</i>	-306 to -207	GCAGGCCTAGTAACCGAGACA	AGTTTTGGCGTAGGGTCT