

Supplementary Table S1. DNA Oligos

cDNA analysis	Forward primer	Reverse primer
Mouse 18s rRNA	AGGGGAGAGCGGGTAAGAGA	GGACAGGACTAGGCGGAACA
Human 18s rRNA	CATTCGAACGTCTGCCCTAT	CCTCCAATGGATCCTCGTTA
<i>Cat</i>	GGTTTGGCCTCACAAAGGACTACC	CGGTAGGGACAGTTCACAGGTAT
<i>Gclc</i>	TGCCAACGAGTCTGACCAT	ACCTTGGACAGCGGAATGA
<i>Nqo1</i>	ATCCTGGAAGGATGGAAGAAAC	TCTAGCTTTGATCTGGTTGTCAG
<i>Gclm</i>	AGACACAGTTGGAGCAGCT	AGTACCTCAGCAGCCACAG
<i>Txnrd1</i>	TCTCCTTGCCTTACTGCC	TCGCCCTCTATGGTCTCCT
<i>Glut2</i>	GGGGACAACTTGGGAAGGA	GGGCCAGTTGGTGAAGAGT
<i>Gck</i>	GGAGCGTGAAGACGAAACA	AGCCCTTGGTCCAGTTGAG
<i>GCK</i>	AACTTCAGGGTGATGCTGGT	AGCCCTTGGTCCAGTTGAG (Same as that for mouse <i>Gck</i>)
<i>Gpi1</i>	GTGTGGACCACCAGACAGG	CAGGCAACTTCCCCTTCAT
<i>GPI1</i>	GTGTGGACCACCAGACAGG (Same as that for mouse <i>Gpi1</i>)	TCCTTTCGGGCCTCCTCCG
<i>Aldoa</i>	AGCAGAATGGCATTGTACC	GGCAATCTCCTCATTGGAA
<i>ALDOA</i>	TTGGGGGTGTCATCCTCTTC	GGCATTTCATGATGGCGA
<i>Pgk</i>	ATGCTTTCCGAGCCTCACT	ACTTTAGCGCCTCCCAAGA
<i>PGK</i>	CCAACCCAGCTGCTGGGTCT	CCACCAGCCTTCTGTGGCAG
<i>Eno1</i>	GGCTGCCTCCGAGTTCTAC	CAATCCGCTTAGGGTTGGT
<i>ENO1</i>	GATCGAGATGGATGGAACAG	CTGGGAGGATCATGAACTCC
<i>Pklr</i>	GGAGGCTTCCTTCAAGTGC	ATCTGCCAGACAGCCTCT
<i>Pdha1</i>	CGAGCAATTCTTGCAGAGC	GCACCATCGCCGTATAATG
<i>PDHA1</i>	TCGCAGAGCTTACAGGACGA	ATTTCCACAAAGCTGCCATG
<i>Pygl</i>	CAGCTTGGATTGGACATGG	CTTCTCCAAGGGTTTCCA
<i>Gbe1</i>	GGCATTGGTTGGTGACAAG	CCTTTCCTTGGGAAGTCCA
<i>Cd36</i>	GGCCAAGCTATTGCGACAT	GGATTCTGGAGGGGTGATG
<i>Fasn</i>	TGGACAGCTTCCGTGAGTC	CAAGGAGTGCCCAATGATG
<i>Hadh</i>	CCGATGACCAGCCAGAAGA	GGGGTTCTCTGGCTCCATT
<i>Acly</i>	AGGGCATTGTGAGAGCGAT	GGAAGTTGGCAGTGTGAGC
<i>Cs</i>	TTACCTGTCTTTGCAGCAGCCA	CAGAGCAAACCTCTCGCTGACAGG
<i>ldh1</i>	AAGGAGATGAAATGACACGAATC	TTCCACATTTGTTTCAACTTGAA
<i>Ogdh</i>	ATGTTTCATTTAAGGACTTGTGC	AATGTCCCATGACTTATGTACAC
<i>Did</i>	ATGCAGAGCTGGAGTCGTGTGTA	TTTTTCTCAATGCAGACTGTCTT
<i>Dlst</i>	CTTCCAGAAGGGGAAGTCCCTC	CTGACATCTCCCTCTGTGACAGA
<i>Sucla2</i>	GTGGCCTCAAAGGAGGAGTGAAG	AATACAGGACCTTCAAATGACCT
<i>Sdha</i>	CAGGCTTGCAGCTGCATTTGGC	AAATCTTCCCATCTTCAGTTCTG
<i>Fh</i>	AATGGCAAGCCAAAATTCCTTCC	TTTACCTTACGCTACCTCATCTG
<i>Mdh1</i>	ATGTCTGAACCAATCAGAGTCCT	CACATCCAGGTCTTTGAAGGCAA
<i>Atf2</i>	CCTCTTGCAACACCCATCA	GTACTTGAGGTTGGTGAAG
<i>Cdyl</i>	GTACGAGGTGGAAGTATC	TGCTGGCACGAGCCAGGCT
<i>CIITA</i>	GGGCAGCTACCTGGAACCTC	TTCCGCAATGTTGGCATAG
<i>Csrp2bp</i>	GCTGTCTTACTTCTGTGAC	GGAAATAACCTTGACGTCC
<i>Esco1</i>	AGCACCTGCTTTCCACAA	CTTAGTTCTGGAATAGCAC
<i>Esco2</i>	GAGAAATACTACCTCAATC	TGATTTAGACTTGATGTGC
<i>Hat1</i>	TCGGTTACAAGGGCCTGAA	CAAAAGGCTTCAAATTAGT
<i>Kat2a</i>	AGCAGGGGAGAAGAGGAA	TGGAACCTCGATGATTCTC

<i>Kat2b</i>	CCAAACAAGTGTACTTCTA	GATGCGGTTTCAGAAACATC
<i>Kat5</i>	CCGTAGGGCAGTGGCAGCC	AGAAGTACCACGGCTTGAG
<i>Kat8</i>	CTGGCATTTCAGCAGAAGTG	CGCTTTTGGTTTTCGAGTGA
<i>Kat7</i>	CAAGGACATGTCCCTGAAG	GTGCTCTCACCTTGCATTC
<i>Kat6a</i>	GAAGTATGAAATCCACACC	TCACGTTCCCATCAACCTC
<i>Kat6b</i>	GGCCTTGCTTCATATAAGG	TAAGATCACTCTGGCTTCT
<i>Ncoa1</i>	CTACTTGGGTTACAATCAG	CTTGGTTCTCAGTACCTGG
<i>Ncoa3</i>	CTTGCAGTGCTGTATGATC	CTTCTGGGACCATGACTGC
<i>Ncoa6</i>	ATGGTTTTGGATGACCTTC	TTGAAGTCTTTATCATCTA
<i>Hdac1</i>	TACTACGACGGGGATGTTG	ATTCAGACATATTATCTGG
<i>Hdac2</i>	CATATGAGACTGCAGTTGC	ACACCAGGTGCATGTGGTA
<i>Hdac3</i>	GACACCCAATGAAACCTCA	GGCATTAAAGGCTCTTGGTG
<i>Hdac4</i>	GCCATGAAGCACCAGCAGG	TAGAGCCTTCTTCTTGTGG
<i>Hdac5</i>	AGCAGCAGCGGCAGGAGGA	AGCATTGGGGTGCTGTGG
<i>Hdac6</i>	CGGAGGTAAAGAAGAAAGG	AGCCGCTCAGGGCTTTCAG
<i>Hdac7</i>	CCAAGCCAGTGAGAAGCC	TGCTGCTCCCAGGGTGCGA
<i>Hdac8</i>	CGGTTTATATTTACAGTCC	GACTTTCTGGAGATGTTGC
<i>Hdac9</i>	GTTGAGTAAATCAGCAACA	GCTCTGAGGCAGTTTTTCT
<i>Hdac10</i>	GACCCTGGATAAAGAGGAG	TGTTGAACACACAGAATCC
<i>Hdac11</i>	GAGGAATGTCAGGAGGTCC	TAATACGGGCTGTGCGCTT
<i>Sirt1</i>	GCGGATAGGTCCATATACT	CTCCTGCAGTAACTTCACA
<i>Sirt2</i>	AAGGTGGACCTCCTCATCA	CCACGTCCCTGTAAGCCTT
<i>Sirt3</i>	GCATCAGCACACCCAGTGG	CAGAAGCAGCTCCTTGTCG
<i>Sirt4</i>	CTTCATTAGCCTTTCCAAG	GCCCAGTGTGCTGGGTTGG
<i>Sirt5</i>	CCCGGGCACCTGGCCATTG	CTGGGCAGATCGGACTCCT
<i>Sirt6</i>	GTCAGAGACACGGTTGTGG	AGGGGCAGGTTCCCCTG
<i>Sirt7</i>	CTGGAATCAGCACAGCAGC	GCAACCCACTCCGCAGGTG
<i>Tbp</i>	TCCTACTGCAGGATACTAGAAAGG	CTAACAATTTACAAGCTGCGTTTT
<i>Actb</i>	GACGAGGCCAGAGCAAGAGAGG	TCTCAAACATGATCTGGGTCATC
ChIP analysis	Forward primer	Reverse primer
<i>Nqo1</i>	TTTCTAAGAGCAGAACGCAGCAC	AGACCTCCTGGGTACAAAATGGA
<i>Cat</i>	GTAGGGAGAGACACGGTTTCCAC	AGAAAAGACAAATCAAGAACCAG
<i>Gck</i>	AGGCCCTGACAGGAGACAT	GCTCTGCTGAGCTGTGAGG
<i>Gpi</i>	TGTCCTTGATGCCTCCTTG	CAGCTCTCTCGTGCCTGTC
<i>Aldoa</i>	CCGTCCTGTGCCAGGTGAG	GTTTTTCCACCTCATCTTG
<i>Eno1</i>	AACTAAAATGTCACCACAG	GCTCTGGCCTGAGAGTCCT
<i>Aco2</i>	TTCTACATATGTTGCATTCTG	TCCTCCCAGCAGCCAAGAGTG
<i>Suclg2</i>	CCCCTGGGGCTGAGATCTGCT	GAGGGACGGAGCTAGAAAGG
<i>Me1</i>	GTCTCTCGCTTGGCGTTCACCAG	GGGCGGGCGTGGGTGGCGAGA
<i>Pdha1</i>	CGGATCCCAATACAGACGA	CCACACCCACAGTGACACA
<i>Cd36</i>	TGGTGATCCATGACTTGTCC	GGCGTGGTTTTGGTAAGGT
<i>Fasn</i>	GTTTCGATGTGGAGCAGGC	GCCCTCATCTCTGTCCTCC
<i>Tbp</i>	GTGCCAGCATCACTATTTTC	AGATGGGAATTCCAGGAGTC
<i>Actb</i>	AAAGTTGCCTTTTATGGCTC	GTCCCAAGCCCCACGCACC