

Supplemental table 6

Mouse primers used for qRT-PCR.

GENE	PRIMER
<i>Abcb11</i>	forward 5'-GAGTACACACCAGGGACACTGATCCAG-3' reverse 5'-GCTTGTAACCATCTCCTGACATGCAGTC-3'
<i>Acacb</i>	forward 5'-GGGCTCCCTGGATGACAACTC-3' reverse 5'-GACGGTGAAATCTCTGTGCAGG-3'
<i>Acadm</i>	forward 5'-GGGGAGGATGACGGAGCAGC-3' reverse 5'-CGGGTACTTTAGGATCTGGG-3'
<i>Aco2</i>	forward 5'-CTTTCGACAAGTGGGACGGCAAAGAC-3' reverse 5'-GACAGCATTGCGTACAGAGTTGGC-3'
<i>Arbp</i>	forward 5'-GCAGCAGATCCGCATGTCGCTCCG-3' reverse 5'-GAGCTGGCACAGTGACCTCACACGG-3'
<i>Bmal1</i>	forward 5'-CTCACCGTGCTAAGGATGGCTGTTC-3' reverse 5'-GACTCGGAGACAAAGAGGATCTTCCC-3'
<i>Clock</i>	forward 5'-GGGCACCACCAATAATAGGCTATTTGC-3' reverse 5'-GAGTCTGAAGCCATATCCACTGCTG-3'
<i>Cry1</i>	forward 5'-GACACCATCCGCTGCGTCTATATC-3' reverse 5'-CTTGAAAAGCCTGGGAAATACATCAG-3'
<i>Cs</i>	forward 5'-CCCTGAGTGCCAGAAAATGCTG-3' reverse 5'-CCACATGAGAAGGCAGAGCTGC-3'
<i>Cycs</i>	forward 5'-CCAAATCTCCACGGTCTGTTCG-3' reverse 5'-GTATCCTCTCCCAGGTGATGC-3'
<i>Cyp7a1</i>	forward 5'-CACAAACTCCCTGTCATACCACAAAGTC-3' reverse 5'-GTGAACACAGAGCATCTCCCTGGAGG-3'
<i>Cyp8b1</i>	forward 5'-CCAGTACTTCACCTTTGTCATGGAC-3' reverse 5'-GTACCCAAACACCTTGAGCACCAGTTC-3'
<i>Cyp27a1</i>	forward 5'-GAAGGACCACCGAGACCACAAGG-3' reverse 5'-CGTTTAAGGCATCCGTGTAGAGCG-3'
<i>Dbp</i>	forward 5'-GCAAGGAAAGTCCAGGTGCCTGAG-3' reverse 5'-CACCACCTCCTGCCGCAACAG-3'

Dhcr7 forward 5'-GACTTCTGCCACAGATTTCTGCCAGG-3'
reverse 5'-GGGTAATGAGCCAGGCTTGCAGC-3'

Esrra forward 5'-CTCAGCTCTCTACCCAAACGC-3'
reverse 5'-CCGCTTGGTGATCTCACACTC-3'

Esrrg forward 5'-CTCCAGCACCATCGTAGAGGATC-3'
reverse 5'-GATCTCACATTCATTCGTGGCTG-3'

Fh1 forward 5'-GCAGTGGAAGTTCACAAGGTCCTG-3'
reverse 5'-CTGGACTTGCTGAACGTAACCAC-3'

G6pc forward 5'-GCTCACTTTCCCCACCAGGTCG-3'
reverse 5'-CACCCCTAGCCCTTTTAGTAGCAGGTAG-3'

Gck forward 5'-GCCACAATGATCTCCTGCTACTATGAAG-3'
reverse 5'-CACCAGCTCCACATTCTGCATC-3'

Glut2 forward 5'-GCCATCAACATGATCTTCACGGCTG-3'
reverse 5'-CAGTCATGCTCACGTAACTCATCCAGG-3'

Gys1 forward 5'-CGGTTGTCCGACTTGCTAGATTGG-3'
reverse 5'-CATAGGTGAAGTGGTCTGGAAAGGC-3'

Gys2 forward 5'-CCTTGGGGTGTTTCCATCGTAC-3'
reverse 5'-CGGAGAGGTTTGTAGTCACACTGG-3'

Hmgcr forward 5'-GCTCTTGTGGAATGCCTTGTGATTG-3'
reverse 5'-CTCTAGGACCAGCGACACACAGG-3'

HSD3B7 forward 5'-GACCATCCACAAAGTCAACGTGC-3'
reverse 5'-GCCTCATATGGGGTATCTTCATTGCC-3'

Insr forward 5'-GCTGATGGCATGGCATACTTGAAC-3'
reverse 5'-CCTCACAGGAAGCAGTCCCTTG-3'

Lipe forward 5'-GACCTCCGACTGGGTGCCTC-3'
reverse 5'-GCTGCCTCAGACACACTCCTGC-3'

Lipc forward 5'-CTGCCACTTCCTGGAACTCTACAAACAC-3'
reverse 5'-GCTGCCCATGTCGCTGCACTG-3'

Mlycd forward 5'-CCGACTGAAACCGAGGAGAGG-3'
reverse 5'-CAGCAGCCACTTGGTGAATCC-3'

Ndufb5 forward 5'-CGAGCTTGCAGAAATCCCAGAAGGC-3'
reverse 5'-GTCCATCACCTCGGGCACGCATCAG-3'

Ndufv1 forward 5'-GCTAATGGACTTCGATGCACTGG-3'
reverse 5'-CACAGCTCTCATGCTTGTAGAACTCAATG-3'

Nr0b2 (Shp) forward 5'-CCAGGGTGCCCAGCCATCAG-3'
reverse 5'-CCCAGTGAGCCTCCTGTTGCAG-3'

Nr1h4 (Fxr) forward 5'-GGAGTGGTAGCCAAGATGAATCTGATTG-3'
reverse 5'-GGAAACGGGACATTGTTGTATGGG-3'

Pck1 forward 5'-CCAGGCAGTGAGGAAGTTCG-3'
reverse 5'-GAGGGTCAGTGAGAGCCAGC-3'

Pcx forward 5'-GGTGTTCCTTTGAACTCAATGGGCAGC-3'
reverse 5'-CCTTGGTAACATGAACCTTTCGGATAGTG-3'

Pdha1 forward 5'-GCCGAGTGCTGGTTGCTTCCC-3'
reverse 5'-GTCTGCATCATCCTGTAGTACTTGAGCC-3'

Pdk1 forward 5'-GTGTTGAAACGTCCCGTGCTG-3'
reverse 5'-GCTTCCAGGCGGCTTTATTGT-3'

Pdk4 forward 5'-GATCCTAACCACCGCCAGCC-3'
reverse 5'-GCAAAGGACGTTCTTTCACAG-3'

Pik3c2g forward 5'-CCCTGAATGAAGAGCTTTCCAAGGAG-3'
reverse 5'-GGGTTTCAGAGGAAGATGGCAAGTC-3'

Pik3r1 forward 5'-CCCCTACTGTAGCCAACAACAGC-3'
reverse 5'-GAGTGTAATCGCCGTGCATTTTAG-3'

Pklr forward 5'-GAGTCTTCCCCTTGCTCTACCGTGAG-3'
reverse 5'-GTATAGCCAGAGCCAGGTCGCCAG-3'

Ppargc1a forward 5'-CAGTCCTTCCTCCATGCCTG-3'
reverse 5'-GGGTTTGTCTGATCCTGTGG-3'

Ppargc1b forward 5'-CAGCCAGTACAGCCCCGATG-3'
reverse 5'-GGTGTGTCGCCTTCATCCAG-3'

Prkag2 forward 5'-CAGAAAGTGGCGTTTATATGCGATTTC-3'
reverse 5'-GGCTACCAAGGCAAAGAAGGC-3'

Prox1 forward 5'-CAGCACACCCACCCAGCACCG-3'

reverse 5'-CACGTCCGAGAAGTAGGTCTTCAG-3'

Reverba forward 5'-CTCACTCGTCTCCCTCAGCCATTG-3'
reverse 5'-GGAGCCACTAGAGCCAATGTAGGTG-3'

Sdhd forward 5'-GGTACTTGAATCCCTGCTCTGTGGTG-3'
reverse 5'-GTCCCCATGAACGTAGTCGGTAACC-3'

Slc10a1 forward 5'-GCCACACTATGTACCCTACGTCCTC-3'
reverse 5'-GAATGTAGCCCATCAGGAAGCCAGTG-3'

Stk11 (Lkb1) forward 5'-GCAAGGTGAAGGAGGTGCTG-3'
reverse 5'-GCTGGATCACATTCCGATGC-3'

Uqcrc2 forward 5'-GCCACCTTCTACCGTCCTTCAACAGATTG-3'
reverse 5'-CGTATGTCCCAAGTTTCCACTCGCTGC-3'