

## Supplemental table 5

Mouse primers used for BMAL1/CLOCK ChIP quantitative PCR analysis.

GENE	PRIMER
<i>Acacb</i>	forward 5'-GACCTGTCACTTGACATTGAGTCACC-3' reverse 5'-GGCACGGGTCTAGTTCTGGGTACG-3'
<i>Aldoc</i>	forward 5'-CCCAGGGAGTCACGTAGCTCTG-3' reverse 5'-GCCACAGCACAGCTCACTTTCC-3'
<i>Bmal1</i>	forward 5'-GATTGGTGAAGGGAAAGTAGCAGG-3' reverse 5'-GAGAGCGAACGGAGTTGTCTTGG-3'
<i>Clock</i>	forward 5'-GCTAGATTCTTGGAAAGTTCAAGTAAAG-3' reverse 5'-CCAGCCTCAGTACCCCTACCTCCTG-3'
<i>Cry2</i>	forward 5'-GTGGCTGACAGACCTGTTACCG-3' reverse 5'-AAAAATAGGACAGTTGTGTAAGGCAATC-3'
<i>Dec1 (Bhlhe40) site1</i>	forward 5'-CTTCCCAAAGGTCCTTGTAATTC-3' reverse 5'-CATTATGCAGCACAGTTCAACTGAG-3'
<i>Dec1 (Bhlhe40) site2</i>	forward 5'-GCACTTCGCAGCCGCCAGAG-3' reverse 5'-GTTCTACCCCTGTGACTCCAAGCACGTC-3'
<i>Esrra</i>	forward 5'-CCTCGAACCCAAGCTAACCTCATC-3' reverse 5'-GGACAAAACCTCAAGGTCACTGCGGTG-3'
<i>G6pc</i>	forward 5'-GCCTCTTCACGAGCAACCCTTATC-3' reverse 5'-GAGCAGGGCTGTCTGTGTCAGG -3'
<i>Gapdh</i>	forward 5'-CTCATTCATCAGCAAGCTCAAAGG-3' reverse 5'-CCACATGTTTCTCAGTCTTCCC-3'
<i>Gys1</i>	forward 5'-GTGGGTTCTGACGTCTCTGCTC-3' reverse 5'-CGTGTGGTTGCTACAAAATGTGCTC-3'
<i>Gys2</i>	forward 5'-GCGGAAGCCAGGACAGAGTG-3' reverse 5'-CTCTCACACATGCACCCACGG-3'
<i>Hif1a</i>	forward 5'-GAGAGGTTGGCAAGACGGATTG-3' reverse 5'-GACCGACACCACTCAGTCTCCAGTC-3'
<i>Hmgcr</i>	forward 5'-GGAATGTGACCTCTGGAACCTGGC-3'

	reverse 5'-CCTCTTTGTGATGGAGAATCAGAACGC-3'
<i>Hnf4a</i>	forward 5'-CCCTAGTATCTCTGCCAAGTACCATG-3' reverse 5'-CCTGAGTAAACCCCTCTGAATCACC-3'
<i>Insr</i>	forward 5'-CTTACAGCCTATGCTACCAATGTCTTAC-3' reverse 5'-CTCACTGGGGAGGGAACTTG-3'
<i>Irf8</i>	forward 5'-GGACGTGCAAAAGTGATTCTCGG-3' reverse 5'-CCCAATCAGCGCAGCCTGCC-3'
<i>Lipe</i>	forward 5'-GCTGCCCTGGGAGGATTAAGCC-3' reverse 5'-CAAAAGCCTGAGAGGTTCTCCGAG-3'
<i>Mapk8</i>	forward 5'-GTGTTGAAGGTCAGGCACGC-3' reverse 5'-GAGCTAGAGAACATCTACTCCTGGTGG-3'
<i>Mtor</i>	forward 5'-CGGTACAGCGTGTGGAGG-3' reverse 5'-GACTATTCCGAAGAGCCAATCAGTCGTG-3'
<i>Nr6a1</i>	forward 5'-CGGCTATGTCAGAGTTCTCTATTG-3' reverse 5'-GTGGATACGCCTCCTGGAAAG-3'
<i>Pdh1</i>	forward 5'-GCTTCTGATGGTCCTGGTGC-3' reverse 5'-GTCATTGCTCTGGCTATGAGGC-3'
<i>Per1 site1</i>	forward 5'-GGTCAGATGTCATCAACGAG-3' reverse 5'-GGCATTTCAGAACTCAGTCATTTCC-3'
<i>Per1 site2</i>	forward 5'-GGTAGTTCCCTCCCTCACTCCC-3' reverse 5'-CCTGGCATCTGATTGGCTACTGGC-3'
<i>Pik3c2g</i>	forward 5'-CTCATTGCCTGCCCTGCTAACG-3' reverse 5'-CATAAGTGACTGGTACGACTACTCTCAC-3'
<i>Ppargc1a</i>	forward 5'-GCAATTCAATTGGGTCCATCTCAC-3' reverse 5'-GGACTTCAGCGTGTGATTGACAGTAC-3'
<i>Ppargc1b</i>	forward 5'-CCGACCCCTGGCTGGATTCTACC-3' reverse 5'-GCTGTAGCATTGGGGACACAG-3'
<i>Ppm1l</i>	forward 5'-CCGTACCATTGTGATCGTGCC-3' reverse 5'-GGGACAATGTGATAGTGACGTGAGGTC-3'
<i>Prkag2</i>	forward 5'-CATGGTTGTCACTCTGGCCCCAC-3' reverse 5'-CACTTAAGGTTCAGTGCTTAGCAGACAAAC-3'

<i>Prox1</i>	forward 5'-CTTACATAACCCAGCCACTGCAC-3' reverse 5'-GCAGATGAACAAGCAATCTCAGGG-3'
<i>Reverbα site1</i>	forward 5'-CCGTGGAAGATCAAAGCTAAAAGGC-3' reverse 5'-CTCCTCCCAGCTTGTCTTCTCCC-3'
<i>Reverbα site2</i>	forward 5'-GGAAGTAGGCTAGAACTGTAGAAAAGGG-3' reverse 5'-GAGTTAGGGAGACTCAGCATTGAAAGC-3'
<i>Sos1</i>	forward 5'-CTGCTTTCTGTTCCAGATCCACTG-3' reverse 5'-CAGATGTATTGGACCGATAAGTAGAGGTG-3'
<i>Stk11</i>	forward 5'-GACAACCAATGAGAATTAGATCACGC-3' reverse 5'-CAACGAGGATTGGCTATTGGATCTAG-3'