

Supplemental table 4

Mouse primers used for ER α /PROX1 ChIP quantitative PCR analysis.

GENE	PRIMER
<i>Acacb</i> (ER α)	forward 5'-GACCTGTCACTTGACATTGAGTCACC-3' reverse 5'-GGCACGGGTCTAGTTCTGGGTACG-3'
<i>Aldoc</i> (ER α)	forward 5'-CCTTGATGGTATAAGTTGTCCTTGGG-3' reverse 5'-GCACGAGTCAGGGCTGGAGTTC-3'
<i>Bmal1</i>	forward 5'-CCTCGGGCGTGTGCTTCTGTG-3' reverse 5'-GCCAATCAGAGAGAGCGAACG-3'
<i>Clock</i> (ER α)	forward 5'-CAGCAATGTGAACTAGGAGGAGAAC-3' reverse 5'-GGAGAATGGGTGGGTTCAAAGG-3'
<i>Clock</i> (<i>Prox1</i>)	forward 5'-CTCGTGAATGTGTTGTTTATTGCTTA-3' reverse 5'-GAATAAAGCCAAAACATTGACCCAGGG-3'
<i>Cry1</i>	forward 5'-GGACGTTGACAGACTTCTCCCTGTT-3' reverse 5'-CAAACGCTAATGGTCTGGACTCATATCC-3'
<i>Cry2</i>	forward 5'-CACAAAGGAGTAGGCAGTCATAGATAG-3' reverse 5'-CAAATGACCATCTGCTGTGG-3'
<i>Csnk1d</i> (ER α)	forward 5'-CTCGATGGTCAGAAGGAGGCAGTG-3' reverse 5'-GCGATGGCTTGGCACACACATTC-3'
<i>Csnk1d</i> (<i>Prox1</i>)	forward 5'-GAGGGTAGAGGGTATGTCTCAGACTC-3' reverse 5'-GGTCAGAATGGACAGCCAAGTCTTG-3'
<i>Dec1</i> (<i>Bhlhe40</i>)	forward 5'-CCCTGTTAGACTTCTGCTGAAGGC-3' reverse 5'-GTTCACTGAGCCCTTACCCAGTCG-3'
<i>ERRα control</i>	forward 5'-TTGGCATTGATATTGGGGTGGAGCAACT-3' reverse 5'-GACTCTTACTTGACGCTTCCTCCATCG-3'
<i>G6pc</i> (ER α)	forward 5'-GCCTCCCCATAGATTGGTGGTCGG-3' reverse 5'-CCTCCCCCTCCTGAGTATTGGCATTAC-3'
<i>Gapdh</i> (ER α)	forward 5'-CTCATTCATCAGCAAGCTCAAAGG-3' reverse 5'-CCACATGTTCTCAGTCTTCCC-3'
<i>Gys1</i> (ER α)	forward 5'-GTGGGTTCTGACGTCTCTGCTC-3'

	reverse 5'-CGTGTGGTTGCTACAAAATGTGCTC-3'
<i>Gys2 (ERRα)</i>	forward 5'-GACTATTCACAGCAGGGCAGGTAGC-3' reverse 5'-GAGAGTGTAGGAGTTGGTCTAAAGGC-3'
<i>Hmgcr (ERRα)</i>	forward 5'-GGAATGTGACCTCTGGAACCTGGC-3' reverse 5'-CCTCTTTGTGATGGAGAACATCAGAAGC-3'
<i>Insr (ERRα)</i>	forward 5'-GCTACGGGAGTCTTCAACCTTC-3' reverse 5'-CCCATTGCTCCATACAACCTAG-3'
<i>Lipe (ERRα)</i>	forward 5'-CCCTAGCCAACATATGACCCAGTCC-3' reverse 5'-CTTCTCAGGGCAAAGGGCTGGAG-3'
<i>Mapk8 (ERRα)</i>	forward 5'-GTGTTGAAGGTAGGCACGC-3' reverse 5'-GAGCTAGAGAACATCTACTCCTTGGTGG-3'
<i>Mtor (ERRα)</i>	forward 5'-CCCTGTAGTGTAGCGTTGAAAGCC-3' reverse 5'-CCAGCACTGAGGGAGAGGCAAG-3'
<i>Pdhal (ERRα)</i>	forward 5'-GTGTGGCTAGAGGTAAAATGCTAAAAG-3' reverse 5'-CACACAGAGGCTTAGAGTTCAAAGTAGCG-3'
<i>Per1</i>	forward 5'-CTGAGGGAGGGTAAAAGTAGGTC-3' reverse 5'-GGACATGCACACAGCCTTGG-3'
<i>Per2 set1</i>	forward 5'-GCTGACAGAGAACACCTAAAGACTC-3' reverse 5'-CCTCCTTCCATTCTGGTCC-3'
<i>Per2 set2</i>	forward 5'-CAGGAATCATGCCACCGATG-3' reverse 5'-GGAGCTTGGACTTGCACAACC-3'
<i>Per2 set3</i>	forward 5'-GACAGACCCTGGTGGCTG-3' reverse 5'-GCCTATTCCATGCAACACCTG-3'
<i>Pik3c2g (ERRα)</i>	forward 5'-CGCTCTCCAACAGTTAAAGAAAGTTGC-3' reverse 5'-GCGTCCCTTTCAAATTCTAAG-3'
<i>Ppm1l (ERRα)</i>	forward 5'-GCTGAGAGACACGAGAGACACTGGATATT-3' reverse 5'-GCCTGGTGACAAAGTTCACTGCATATA-3'
<i>Prkag2 (ERRα)</i>	forward 5'-CTGATACCAGAGTATCGGGTGGAAAGTAC-3' reverse 5'-CCTGTTAACTGGTAACCTTGTTC-3'
<i>Prox1 control</i>	forward 5'-CCAAGCACAAATATCTAATCACCCCTTC-3' reverse 5'-CTTCTTGATAGGTTATGGGTTGGC-3'

<i>Reverba</i> (<i>ERRα</i>)	forward 5'-GGTTCACGGCTGGGTTGGAGG-3' reverse 5'-GGAGAGCTAGGGTCTTGAGCATTGCC-3'
<i>Reverba</i> (<i>Prox1</i>)	forward 5'-GGCAAGGGCATGTGAATTCCCTG-3' reverse 5'-GGAAATCTCTCCTCCCAGCTTG-3'
<i>Reverb</i> β	forward 5'-CTCATCTGTGAGACAAGCAAGGAAAG-3' reverse 5'-GGCCTGTCATCTGATATGTTACAGTTTC-3'
<i>Sos1</i> (<i>ERRα</i>)	forward 5'-CGGACTCCTAAAACGAGAGGTTGACC-3' reverse 5'-GGTTGGAGGAGCCTCGGTTTC-3'
<i>Stk11</i> (<i>ERRα</i>)	forward 5'-GGGTAGAACAGAATGTTGTCTATTGCC-3' reverse 5'-GAAGTCTCCTCCTCACCTCCAC-3'