

**TableS1:Primer sequences used for real-time PCR**

<b>Genes</b>	<b>Primer sequences (5'-3')</b>	<b>Base</b>
<i>GAPDH</i>	F:GTCGGTTGTGGATCTGACCT	20
	R:TTGACGAAGTGGTCGTTGAG	20
<i>RN18s</i>	F:TCCAATGGATCCTCGCGGAA	20
	R:GGCTACCACATCCAAGGAAG	20
<i>PTX3</i>	F:GGCCAGGGATGAATTTTAC	19
	R:GCTATCCTCTCCAACAAGTGA	21
<i>PTGS1</i>	F:CAACACGGCACACGACTACA	20
	R:CTGCTTCTTCCCTTTGGTCC	20
<i>PTGS2</i>	F:ACAGGGCCATGGGGTGGACT	20
	R:CCACGGCAAAGCGGAGGTGT	20
<i>HAS2</i>	F:AGTTTATGGGCAGCCAATGTAGTT	24
	R:GCACTTGGACCGAGCTGTGT	20
<i>GLI1</i>	F:AGAGGGACAGCTCTGAACAC	20
	R:GCTACGTCTCTTCCTCCTGA	20
<i>GDF9</i>	F:CAGTCAGCTGAAGTGGGACA	20
	R:TGGATGATGTTCTGCACCAT	20
<i>BMP15</i>	F:CCTCCATCCTTTCCAAGTCA	20
	R:GTGTAGTACCCGAGGGCAGA	20
<i>CYCLIN B1</i>	F:CAACTGGTTGGTGTCACTGC	20
	R:TTCCATCTGCCTGATTTGGT	20
<i>CDK1</i>	F:GGGCACTCCCAATAATGAAGT	21
	R:GTTCTTGATAACAACGTGTGGGAA	23
<i>POU5F1</i>	F:TTTGGGAAGGTGTTCAGCCAAACG	24
	R:TCGGTTCTCGATACTTGTCCGCTT	24
<i>NANOG</i>	F:GGTTTATGGGCCTGAAGAAA	20
	R:GATCCATGGAGGAAGGAAGA	20
<i>SOX2</i>	F:ATGCACAACCTCGGAGATCAG	20
	R:TATAATCCGGGTGCTCCTTC	20
<i>CDK2</i>	F:TGTGCGAGTGGATGCGGAAG	20
	R:CCGAATGGTGATGTAGCGAC	20
<i>PCNA</i>	F:CCTGTGCAAAAGATGGAGTG	20
	R:GGAGAGAGTGGAGTGGCTTTT	21
<i>DNMT1</i>	F:TCGAACCAAAACGGCAGTAC	20
	R:CGGTCAGTTTGTGTTGGACA	20
<i>GLUT1</i>	F:GCTTCCAGTATGTGGAGCAA	20
	R:AAGCAATCTCATCGAAGGTC	20
<i>1L-1<math>\beta</math></i>	F:GCCAATGGTTTTCTCTGTGATGCC	24
	R:CTCATGCAGAACACCACTTCTCTC	24
<i>DNMT3B</i>	F:AGTGTGTGAGGAGTCCATTG	20
	R:GCTTCCGCCAATCACCAGT	19

<i>BAX</i>	F:TGCCTCAGGATGCATCTACC	20
	R:AAGTAGAAAAGCGCGACCAC	20
<i>BCL2</i>	F:AGGGCATTTCAGTGACCTGAC	20
	R:CGATCCGACTCACCAATACC	20
<i>PPAR<math>\gamma</math></i>	F:AGAGCTGATCCAATGGTTGC	20
	R:GAGTTGGAAGGCTCTTCGTG	20
<i>ACACA</i>	F:AACAAGGACCTGGTGGAGTG	20
	R:GTCATGTGCACGATGGAATC	20
<i>FASN</i>	F:AACTTCCGAGACGTCATGCT	20
	R:GTGCTGAAGCAGCAGAACAG	20
<i>SREBP1</i>	F:ACCCGCTTCTTCCTGAGTA	19
	R:ACGGAACAACCTGAGTCACCT	20
<i>ATGL</i>	F:CGAACTCAAGAGCACCATCA	20
	R:TTGCACATCTCTCGAAGCAC	20
<i>HSL</i>	F:TGTCTTTGCGGGTATTCG	18
	R:TTGTGCGGAAGAAGATGC	18
<i>CPT1B</i>	F:ATCAAGCCTGTGATGGCTCT	20
	R:GAGCCACACCTTGAAGAAGC	20
<i>CPT2</i>	F:AGTTCCAGAGAGGAGGCAAAG	21
	R:GAGCATCTCTTGGTGAAGACG	21
<i>TFAM</i>	F:TCCGTTTCAGTTTTGCGTATG	20
	R:TTGTACACCTGCCAGTCTGC	20
<i>ND1</i>	F:TCCTACTGGCCGTAGCATTCCT	22
	R:TTGAGGATGTGGCTGGTCGTAG	22
<i>NRF1</i>	F:ACCATCCAGACAACGCAA	18
	R:ACTCCAGTAAGTGCTCCGAC	20
<i>NRF2</i>	F:GCCCAGTCTTCATTGCTCCT	20
	R:AGCTCCTCCCAAACCTTGCTC	20
<i>TFB1M</i>	F:CGAGGGCTTGGAATGTTA	18
	R:CGTGTGCCTGAGTTCTTCT	19
<i>TFB2M</i>	F:GCAAGGAGGAAGGATGTT	18
	R:CAAGTAATGCTCGTGTGTCAGG	20
<i>PGC1<math>\alpha</math></i>	F:TTCCGTATCACCACCCAAAT	20
	R:ATCTACTGCCTGGGGACCTT	20
<i>PRDX2</i>	F:ATGGTGTGCTGAAGGAAGATGAAGG	25
	R:CATGCTCGTCTGTGTACTGGAAGG	24

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**F:Forward primer; R:Reverse primer**