

Gene	Forward primer sequence (5'–3')	Reverse primer sequence (5'–3')	Reference sequence
<i>aP2</i>	GTCCTTCAAATTGGGCCAGG	ACTCTGGTAGCAGTGACACC	NM_001114667.1
<i>PPARγ</i>	GAGCCTTCCAACCTCCCTCAT	ATGAGACATCCCCACAGCA A	NM_001100921.1
<i>C/EBPβ</i>	CATCGACTTCAGCCCCTACC	CCGCCTTCTGCAGTTCTTG	XM_004014883.4
<i>FATP4</i>	CTGTCCTTCGTGTACCCCAT	CTTCTTGTTGTTGGCGCTCT	XM_015094163.2
<i>LPL</i>	AGCTGCAGAAAGAACC GTT	GAGATCTCGAAGGCCTGGTT	NM_001009394.1
<i>FASN</i>	ACACAAATTGAGCAGCCCTG	TGCCGCTCTGTACTACTGTA	XM_027974304.1
<i>GLUT4</i>	TGGCTACAACATTGGGGTCA	ATCATGCCACCCACAGAGA A	XM_027974995.1
<i>PTEN</i>	AAGCTGGAAAGGGACGAACT	ACACATAGCGCCTCTGACTG	XM_027960248.1
<i>CDK2</i>	GACCAGCTCTCCGGATCTT	ACAAGCTCCGTCCATCTTCA	NM_001142509.1
<i>CDK4</i>	ACTTTGTGGCCCTCAAGAGT	CCTGAGGTCTTGGTCCACAT	NM_001127269.1
<i>cyclin B1</i>	CCCTCCAGAAATCGGTGACT	AGCTCAACATCAACCTCTCC A	XM_027980034.1
<i>PCNA</i>	TCAAGTGGCGTGAACCTACA	TACTAGTGCCAAGGTGTCCG	XM_004014340.4
<i>P53</i>	CGGCTTGCAGAAACCTCTTT	CCCTTTTCTACCTCCTGCCA	XM_004006850.4
<i>TBP¹</i>	ACAGCCTCCCACCATATGCC	GCTGTGGAGTCAGTCCTGTG C	XM_027972700.1
<i>U6¹</i>	TGGAACGCTTCACGAATTTGCG	GGAACGATACAGAGAAGAT TA	XM_012096728.2
<i>PTEN</i> 3'UTR- wild ²	CCGCTCGAGAATACAGATTGC GTAGGACC	AAATATGCGGCCGCGAAAG ATGTTCAAGAGGAGC	XM_027960248.1
<i>PTEN</i> 3'UTR- Mut ³	GGGCTTTACGTGACTTATTATTT TTCCTTTGGAATGTGAAG	TAAGTCACGTAAAGCCCATT ATAATGTCATTATTTATGA	XM_027960248.1
<i>PTEN</i> CDS ⁴	GGGGTACCGCCACCATGACAG CCATCATCAAAGAGATC	GCTCTAGATCAGACTTTTGT AATTTGTGTATGCTG	XM_027960248.1

Table 1. List of the primers used in this study

¹ *TBP* and *U6* were chosen as internal reference genes as suggested by Birsoy et al. (2008) and Zhang et al. (2018).

² Primers are used to amplify the wild-type 3'UTR sequence of the target gene

³ Primers are used to amplify the mutant-type 3'UTR sequence of the target gene

⁴ Primers are used to amplify the coding sequence of the target gene