

Table S3. The sequences information of primers involved in qRT-PCR

Gene name	Forward sequences (5'–3')	Reverse sequence (5'–3')	Length (bp)	Temperature °C
<i>β-actin</i>	AGCAAGCAGGAGTATGATG A	AGCAAGCAGGAGTATGA TGA	283	60
<i>cyp17a1</i>	CAGTCACTTACCTCATCCAT TATCC	TTTTTCCATTCCCTTCTCGT CAT	283	58
<i>cyp19a1</i>	AATACCCCTCGTCGTTACTT	AAACCCTTATGGAGGCA AA	137	59
<i>er</i>	AGGTCCCGCGTCCTCTGTAT	CCTGTTGAACCCGTGAAT GTG	146	58
<i>tgfb3</i>	TCCCTCGGACCAAATAAAA TC	CGTTGTTCTCTGACATTC CGTAG	181	55
<i>foxo1</i>	CACAACCTTATCACACCTC	TTAGTATTACCGTATCCA	234	60
<i>pr</i>	AACCCATCACCTTTTCCC	GACCTTCAACTGCTCTTT	142	60
<i>foxo3</i>	CAAATCCACAATCTCTAC	GTCACATTCCAACCTCTC	297	58
<i>tgfb1</i>	AAGGGTGTGAAATGCCCCA T	CACACTCGCCCGTATCTC AG	101	60
<i>smad2</i>	ATAGCCTACTATGAGCTAA A	ATATGTCTCCTTGTCATTT C	167	56
<i>smad3</i>	ATGTCAATTTTGCCTTTTAC	CTTCTTCACCAGACTTTTT A	120	59
<i>smad4</i>	TGGTAAAAGATGAGTATGA C	CTGATAGTAGAAAAAGC AGA	181	60

Abbreviations: cyp17a1, cytochrome P450 17a-hydroxylase/C17-20lyase; cyp19a1, cytochrome P450 aromatase; er, estrogen receptor; foxo3/1, forkhead box O3 /1; pr, progesterone receptor; tgfb1/3, transforming growth factor beta 1/3; smad2/3/4, SMAD family member 2/3/4.