

Supplemental Table 1. Nucleotide sequences of specific PCR primers

Gene	Primer Sequence 5' – 3'	Product Size
<i>cKiss1</i>	F: GAAAAGGTGGCACCCATGGAGA R: GCCGAAGACGTTCCAGTTGTAG	165 bp
<i>cKiss1R</i>	F: CGCCACCTGTGCCTGCTA R: CCGCTCTGCCAGCAGCTG	106 bp
<i>cGnrh</i>	F: GGCCAACACTGGTCCTATGG R: CCTCTTCAATCAGACTTTCCAGA	190 bp
<i>cGnrhr</i>	F: CCCCAGCCTTCATGATGGT R: GGGATGATGAAGAGGCAGC	289 bp
<i>cHtr1B</i>	F: ACCTGCTCGTCTCCATCCT R: TCCGACGACAGCCACAAGTC	103 bp
<i>cHtr2A</i>	F: CCCATTCTTCATCACGAACAT R: GGAGAGGTAACCGATCCAGAC	106 bp
<i>cRANK</i>	F: CATTTCGGACGGTGCTGTAA R: AAGTATTCATCCGGGCCACA	107 bp
<i>cRANKL</i>	F: CACTGACATCCCATCTGGTTC R: CATTGCTGAAAGTCATGTTGGA	95 bp
<i>cOPG</i>	F: GGAGCTTGAGTTCTGCCTGAA R: GGGTGCTTTAGATGACGTCTCA	139 bp
<i>cβ-Actin</i>	F: GGACCTGACCGACTACCTCAT R: GGGCAGCTCATAGCTCTTCTC	181 bp
<i>cYWHAZ</i>	F: AGCCTGCTCTCTTGCAAAGAC R: GGGTATCCGATGTCCACAATG	137 bp

¹YWHAZ was used as a housekeeping gene to access quality of cDNA and to provide normalization standard for qPCR