

Supplementary Table 1. Primer sequences used for real time PCR

Target gene	Primer sequences	Accession number
18s -Forward	CGCCGCTAGAGGTGAAATTC	NR_003278.3
18s -Reverse	CGAACCTCCGACTTTCGTTCT	
<i>Oxtr</i> -Forward	GAGTTGGACCTCGGGAGTGGA	NM_001081147.1
<i>Oxtr</i> -Reverse	TCAGAGCCAGGAACAGTATGAGACAC	
<i>Csn2</i> -Forward	TCCTTAAAGCTAAAGCCACCATCC	NM_001286020.1
<i>Csn2</i> -Reverse	AGAGTTTATGAGGCGGAGCACAGT	
<i>Wap</i> -Forward	ATCATCTGCCAAACCAACGAGG	NM_011709.5
<i>Wap</i> -Reverse	AGCCAGCTTTCGGAACACCAAT	
<i>Pgr</i> -Forward	CCGAGTTATGAGAACCCTTGACG	NM_008829.2
<i>Pgr</i> -Reverse	CGGGACCAGTTGAATTTCTTGAT	
<i>Stat5a</i> -Forward	CAGAGTCGGTGACGGAGGAGAAGT	NM_001164062.1
<i>Stat5a</i> -Reverse	ATAACGACCACAGGGAGGGACAGG	
<i>Stat5b</i> -Forward	TTCAACATCAGCAGCAACCACCTCG	NM_001113563.1
<i>Stat5b</i> -Reverse	ACTTCCATCACGCCATCAAACCAC	
<i>Stat3</i> -Forward	AACATCTGCCTGGACCGTCTGGAAA	NM_011486.5
<i>Stat3</i> -Reverse	GGGTCGCCCTTGTAGGACACTTTCT	
<i>Igfbp5</i> -Forward	CCAACTGTGACCGCAAAGGATTCTA	NM_010518.2
<i>Igfbp5</i> -Reverse	TCATTCCGTACTIONTGTCCACACACCA	
<i>Lif</i> -Forward	CCCCGACCACTCTGACAAAGAAGCC	NM_001039537.2
<i>Lif</i> -Reverse	GCCTGGACCACCACACTTATGACTT	
<i>Mmp2</i> -Forward	AAGTGGGACAAGAACCAGATCACAT	NM_008610.3
<i>Mmp2</i> -Reverse	TTTTAAGGCCCGAGCAAAAGCAT	
<i>Mmp3</i> -Forward	ACTCAGCCAAGGCTGAAGCTCTGAT	NM_010809.2
<i>Mmp3</i> -Reverse	GATGCTGTGGGAGTTCCATAGAGGG	
<i>Prlr</i> -Forward	ACCATGGATACTGGAGTAGATGGGG	NM_001253781.1
<i>Prlr</i> -Reverse	AAACAGATGACAGCAGAGAGAACGG	

The primers were designed to span an exon-exon junction using Primer Premier 6 with product size 80-130bp, melt temperature 63-68°C, and GC content 40%-60%. The melt curves and the amplification plots validate that all the primers are specific and efficient.