

**Supplementary Table S1.** Primer pairs used in RT-qPCR.

Primer	Sequence	PCR size (bp)	PCR conditions
HPRT1F	5'-TGACACTGGCAAAACAATGCA-3'	94	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 20 sec 60°C 1 min
HPRT1R	5'-GGTCCTTTTCACCAGCAAGCT-3'		
lncRNA F	5'-TCACGTTCTGCAACCCTAGAC-3'	117	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 20 sec 60°C 1 min
lncRNA R	5'- GGGGTCTTGGGGGAAAACAAA-3'		
TGM2Fex11-12	5'-CCTTACGGAGTCCAACCTCA-3'	152	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 15 sec 60°C 1 min
TGM2Rex11-12	5'-CCAGCTTGCGTTTCTGCTTG-3'		
Fshort3ex	5'-TCATGAGCACCCCTCCTTTCT-3'	377	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 15 sec 62°C 1 min
Rshort3ex	5'-GGTCCATTCTCACCTTAACCTTCCT -3'		
F2TGH	5'-TACAAATACCCAGAGGGGTCC-3'	338	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 30 sec 62°C 1 min
F2TGH	5'-ATGTTGTCAGTTGGCGGTCA-3'		
FGATA3Ex	5'-CAGCACAGAAGGCAGGGAG-3'	197	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 20 sec 60°C 1 min
RGATA3Ex	5'-TCTGACAGTTCGCACAGGAC-3'		
F-STAT1	5'-TGTTATGGGACCGCACCTTC-3'	152	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 20 sec 60°C 1 min
R-STAT1	5'-CTCATTCACATCTCTCAACTTCACA-3'		
F-STAT2	5'-GCCAAAGGGAAGACACCCTC-3'	284	50°C 2 min 95°C 10 min <u>45 cycles:</u> 95°C 20 sec
R-STAT2	5'-AGCTGCCTCAGGTGAAACAA-3'		

			60°C 1 min
<hr/>			
F-STAT5A	5'-GAAGATCAAGCTGGGGCACT-3'	114	50°C 2 min
R-STAT5A	5'-CGGACCAGCCTCTGTTCATT-3'		95°C 10 min
			<u>45 cycles:</u>
			95°C 20 sec
			60°C 1 min
<hr/>			
F-AKT1	5'-GCGTGACCATGAACGAGTTT-3'	211	50°C 2 min
R-AKT1	5'-CTTGGCCACGATGACTTCCT-3'		95°C 10 min
			<u>45 cycles:</u>
			95°C 20 sec
			60°C 1 min
<hr/>			
FB-ACT	5'-CATTGCCGACAGGATGCA-3'	151	50°C 2 min
RB-ACT	5'-GCTGATCCACATCTGCTGGA-3'		95°C 10 min
			<u>45 cycles:</u>
			95°C 20 sec
			60°C 1 min
<hr/>			
RPL13aF	5'-GAAGATGGCGGAGGGGCAG-3'	126	50°C 2 min
RPL13aF	5'-ATGCCTTCACAGCGTACGACC-3'		95°C 10 min
			<u>40 cycles:</u>
			95°C 30 sec
			62°C 1 min