

1. Primer sequences:

Gene	Forward (top) Reverse (bottom)	size (bp)
GAPDH	5'- CCATGTTTCGTCATGGGTGTGAACCA-3' 5'- GCCAGTAGAGGCAGGGATGATGTTC-3'	189
TSG-6	5'- GCTACAACCCGAACGCAAAG-3' 5'- TACAAAGCCGTGGACATCGT-3'	251

Gene	Forward (top) Reverse (bottom)	Size (bp)
GAPDH	5'- CCATGTTTCGTCATGGGTGTGAACCA-3' 5'- GCCAGTAGAGGCAGGGATGATGTTC-3'	189
IL-1b	5'- GCTACAACCCGAACGCAAAG-3' 5'- TACAAAGCCGTGGACATCGT-3'	104
IL-6	5'-CGGAGAGGAGACTTCACAGAG-3' 5'-CATTTCACGATTTCACAGA-3'	105
TNF α	5'-TATGGCTCAGGGTCCAACTC-3' 5'-GGAAAGCCCATTTGAGTCCT-3'	126
iNOS	5'-CCAGAAGCAGAATGTGACCA-3' 5'-GGACCAGCCAAATCCAGTC-3'	119

Reaction condition:

95°C 3 min; 95°C 5s, 60°C 30s, 72°C 30 s; 40 cycles, 95°C 10s, 65°C to 95.0°C

2. miR-214-5p primer sequence

Gene	Forward (top) Reverse (bottom)
U6 primer	5'-CGCTTCGGCAGCACATATAC-3' 5'-AAATATGGAACGCTTCACGA-3'
miR-214-5p loop primer	5'-GTCGTATCCAGTGCAGGGTCCGAGGTATTCTG CACTGGATACGAC AGACACAT
miR-214-5p antisense strand primer	F primer: TGCGCAGAGTTGTCATG R primer: CCAGTGCAGGGTCCGAGGTATT

Reaction condition:

50°C 2 min, 95°C 10min; 95°C 30 sec , 60°C 30 sec, 40 cycles

3. TSG-6-siRNA sequence:

Target sequence: CCTTGAAGTTTCTGAGTGA

sense strand (5'-3') 5' CCUUGAAGUUUCUGAGUGA dTdT 3'

antisense strand (3'-5') 3' dTdT GGAACUUCAAAGACUCACU 5'

4. miR-214-5p sequence: agaguugucaugugucu

miR-214-5p mimic is a double strand consisting of miR-214-5p sequence and its complementary sequence;

miR-214-5p inhibitor is a single strand consisting of the complementary sequence of miR-214-5p sequence.