

Supplemental Table 1. Primers' sequences for real-time PCR.

(real-time PCR running condition: 95°C for 30 sec followed 45 cycles of 95°C for 10 sec and 58°C for 20 sec)

Gene	Forward Primer	Reverse Primer
capn6	5'-TGGGCAACATTAGCAACCAC	5'-GGAATCGCCTTTGTCCAGTG
aspn	5'-TCCCGAAAGGACTACCACCA	5'-TGTTTCCAAGACCCAGCCTC
gad1	5'-CCTAAAGTACGGGGTTCGCA	5'-ACTCCCTCATGTCTGATGGC
aqp1	5'-AGCGACTTTACAGACCGCAT	5'-TTTGGGCTTCATCTCCACCC
mmp10	5'-AGGCACTTCTGGCGTAGAAC	5'-TTCATTTCTCGGACTGCC
mmp3	5'-TCTGGGCTATCCGAGGTCAT	5'-TGCATCGATCTTCTGGACGG
tnc	5'-CAGCTACCGACGGGATCTTC	5'-TGCTGGGAGCAATTCCAGAG
il11	5'-TGTGTTTGTACCTGGTCCT	5'-AGCTAGTTGCCGTGTGTCTG
il6	5'-AGAGACTTCCAGCCAGTTGC	5'-AGTCTCCTCTCCGGACTTGT
s100a4	5'-GCTCAAGGAGCTACTGACCA	5'-CATCATGGCAATGCAGGACA
s100a6	5'-GGAGCTGATCCAGAAGGAGC	5'-TAGATCAAAGCCAAGGCCCC
S100a11	5'-TCGAGTCCCTGATTGCTGTT	5'-TAGCTGCCCATCACTGTTGA
casp2	5'-TGTGGAAGGTGGCATCTACG	5'-CCAATAGCACCTCCACGACA
casp3	5'-GACTGCGGTATTGAGACAGA	5'-CGAGTGAGGATGTGCATGAA
casp7	5'-CAACGACACCGACGCTAATC	5'-GGTCCTTGCCATGCTCATT
casp8	5'-TACGGAACGGATGGGAAGGA	5'-GTCTCATCAGGCACAGGCAC
casp9	5'-CGTGAACCTTCTGCCCTTCCT	5'-TCTCCATCAAAGCCGTGACC
bid	5'-GAACTGGACCACAGCATCCA	5'-AGAGATGGTGCATGACTGGC
bcl-xl	5'-GGTCGCATTGTGGCCTTCTT	5'-CTCTCGGCTGCTGCATTGTT
bcl-2	5'-CTGAACCGGCATCTGCACAC	5'-GCAGGTCTGCTGACCTCACT
bak1	5'-AATGGCATCCGGACAAGGAC	5'-TGTTCTGCTGGTGGAGGTA
bax	5'-GAACCATCATGGGCTGGACA	5'-GTGAGTGAGGCAGTGAGGAC
ern1	5'-CTTTCCTCCCAGACCCCAAT	5'-CATCTGAACTTCGGCATGGG
eif2ak3	5'-AGTCGGTCTTTCTCAGTGGG	5'-CCATGTGCAATCTGTCAGG
xbp1	5'-AGCAGCAAGTGGTGGATTTG	5'-ACCTCTTCAGTAACCAGGGC
ddit3	5'-AGGAGGTCCTGTCCCTCAGAT	5'-CTTTGGGAGGTGCTTGTGAC
timp1	5'-TAAAGCCTGTAGCTGTGCC	5'-AGCGTCGAATCCTTTGAGCA
atf3	5'-TTCAACATCCAGGCCAGGTC	5'-GGCAAAGGTGCTTGTCTGG
stat3	5'-GCTGGAACAGCATCTTCAGG	5'-CTGTCTGGTCACAGACTGGT
c1qa	5'-TCTTCCAGGTGTTAGCAGGG	5'-GAAGATGCTGTCGGCTTCAG
camk4	5'-TCTTCCAGGTGTTAGCAGGG	5'-GAAGATGCTGTCGGCTTCAG
cyp4b1	5'-TGTGCTGAAGCCCTATGTGG	5'-GCACTTCATGAGGGTGTCCA
cdk1	5'-AGTACGGCAATCCGGGAAAT	5'-AACTGGCCAGGAGGGATAGA