Table SI. Primer sequences for reverse transcription quantitative real-time PCR

	Primer sequence
Caspase-1 CASP1	Forward 5′-ACATCCCACAATGGGCTCTG-3′ Reverse 5′-TTCACTTCCTGCCCACAGAC-3′
IL-1β IL1B	Forward 5′-ATTGCTCAAGTGTCTGAAGCAG-3′ Reverse 5′-GGTCGGAGATTCGTAGCTGG-3′
IFN-α1 IFN-A1	Forward 5′-CCTGATGAATGCGGACTCCA-3′ Reverse 5′-TAGCAGGGGTGAGAGTCTTTG-3′
GAPDH	Forward 5′-GCTCTCTGCTCCTCCTGTTC-3′ Reverse 5′-TTCCCGTTCTCAGCCTTGAC-3′

GAPDH: glyceraldehyde 3-phosphate dehydrogenase; IFN: interferon; IL: interleukin.

Table SII. Information on primers used in reverse transcription quantitative real-time PCR

	Caspase-1	IL-1β	IFN-α1	Gapdh
Gene symbol	*CASP1*	*IL1B*	*IFN-A1*	*GAPDH*
Sequence accession number	NM_033292.3	NM_000576.2	NM_024013.2	NM_002046.5
Amplicon length	233 bp	187 bp	265 bp	121 bp
Location of primer in targeted variant by exon	forward: exon 8 reverse: exon 9–10	forward: exon 1–2 reverse: exon 4	gene consist of only single exon	forward: exon 1 reverse: exon 2–3
Splice variants targeted (to which the primers have 100% homology)	NM_001223.5, NM_033293.4, NM_033295.3, NM_033294.3	None	None	NM_001357943.2, NM_001289745.3, NM_001289746.2
Modifications	None	None	None	None
Purification method	Desalted	Desalted	Desalted	Desalted

GAPDH: glyceraldehyde 3-phosphate dehydrogenase; IFN: interferon; IL: interleukin.

Table SIII. Information on reverse transcription quantitative real-time PCR (RT-qPCR) protocol

Reverse transcription	
Reaction volume	40 µl, synthesis was performed twice, and the resulting cDNA volumes pooled together.
Amount of RNA	29 µl
RNA concentration	14 ng/µl
Run protocol	10 min +25°C, 120 min +37°C, 5 min +85°C and +4°C for storage.
qPCR	
Reaction volume	20 µl
Amount of cDNA	5 µl
Reaction setup	Biomek 4000 Automated Workstation (Beckman Coulter, Indianapolis, IN, USA) was used to pipette samples onto plates. Reactions were designed to be performed as triplicates, but due to a technical error, part of the reactions were completed as duplicates.
Run protocol	Step 1 (denaturation) 95ºC 5 min Step 2 (amplification) 95ºC 18 s, 57ºC 20 s, 72ºC 25 s for 40 cycles Step 3 (melting curve) 95ºC 15 s, 45ºC 10 s Step 4 (cooling) 40ºC 10 s.
C_q of the NTC (H_2O)	Caspase-1: >35 IL-1β: 35 IFN-α: 34,2
Data analysis	
Data exclusion	Patient samples with > 3.5 standard deviations (SD) between replicate reactions were excluded from the analysis.

C_q of the NTC (H_2O): Quantification cycle of the No Template Control; IFN: interferon; IL: interleukin.