

Table S1 List of primers

| <i>Name</i> | <i>Accession number</i> | <i>Sequences (5'-3')</i> | <i>C° (T_m)</i> | <i>bps</i> |
|-------------------------|-------------------------|--|---------------------------|------------|
| A) Targets | | | | |
| TLR2 | BC033756.1 | F: TGA TGC TGC CAT TCT CAT TC R: CGC AGC TCT CAG ATT TAC CC | 59.7 59.9 | 157 |
| TLR4 | U88880.1 | F: TGT CCT GCA GAA GGT GGA G R: CAG GGC TTT TCT GAG TCG TC | 59.6 59.6 | 139 |
| MyD88 | AF406652.1 | F: AGC GAT GCT TCA CAG CCT AC R: CTC CAG CGA CTA CTG CCA CT | 59.4 61.4 | 116 |
| p65-NFκB | L19067.1 | F: CAG AAG CAG GCT GGA GGT AA R: GTT AGG CAC AGG GAC AAT GC | 59.4 59.4 | 140 |
| MMP1 | BC013875.2 | F: TCC CAG AGA GCA GCT TCAGT R: CCT ATC CAG GGT GAC ACC AG | 59.4 61.4 | 127 |
| MMP2 | BC002576.2 | F: TCA GAG CCA CCC CTA AAG AG R: CTG TGA GCC ACA GAA GGT TG | 59.4 59.4 | 115 |
| MMP3 | BC069716.1 | F: ACC TGT CCC TCC AGA ACC T R: CGC CAA AAG TGC CTG TCT | 59.4 56.0 | 115 |
| MMP7 | BC003635.2 | F: GAGCTCATGGGGACTCCTAC R: ACT GCT ACC ATC CGT CCA G | 61.4 58.8 | 100 |
| MMP9 | BC006093.1 | F: CCA GGA GTT CGA GGC TGT AG R: TCC CAA ACC ACA GGA CTT TC | 61.4 57.3 | 113 |
| TIMP1 | BC000866.1 | F: GGC TGT GAG GAA TGC ACA GT R: CCC TTT TCA GAG CCT TGG AG | 59.4 59.4 | 107 |
| TIMP2 | NM_003255.5 | F: GTG GGT CCA AGG TCC TCA T R: CTA AGT GCT GCC TGC TTG G | 58.8 58.8 | 100 |
| HLA-DR | NM_019111.5 | F: CCTGTCACCACAGGAGTGTC R: GAGAAGAGGCTCATCCAAGC | 61.4 59.4 | 147 |
| B) House-keeping | | | | |
| Histon H3 | NM_005324.3 | F: GTCTGCAGGCTGGCATAGAAG R: TCGCCTTCTGGGTTGAGTG | 61.8 58.8 | 110 |

Specific amplifications were tested by verifying the single curve specific for each amplicon. Hot-start SYBRgreen mix was activated by a pre-hold (5min at 50°C) and pre-incubation for 5min at 95°C. Each of the 39 amplification cycles consisted of a 30sec/94°C (denaturation), followed by a specific annealing step (appropriate temperature, ~T_m - 3°C, verified for specificity by grading) and 30sec/72°C (extension). Melting curve was registered from 56.0°C to 94.1°C; 0.3°C; hold for 00:00:01 between reads.