Supplementary File 4: qPCR Primer sequences and corresponding annealing temperatures.

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| **Primer ID** | **Sequence** | **Annealing Temperature (°C)** |
| Cxcl1 | Fw: ATCCAGAGCTTGAAGGTGTTG;  | 60 |
| Rev: GTCTGTCTTCTTTCTCCGTTACTT |
| Cxcl5  | Fw: CTCAGTCATAGCCGCAACCGAGC;  | 60 |
| Rev: CGCTTCTTTCCACTGCGAGTGC |
| Defb1 (Defensin beta 1) | Fw: CCAGCTGCCCATCTAATACC;  | 60 |
| Rev: AATCCATCGCTCGTCCTTTA |
| Defb3 (Defensin beta 3) | Fw: TCTGACGAGTGTTGCCAATG;  | 60 |
| Rev: ACAATCCAGTAAGTTGTTTGAGGA |
| Flg | Fw: GAAGGAACTTCTGGAAGGACAAC;  | 60 |
| Rev: TCCATCAGTTCCACCATGCCTC |
| Il17 | Fw: GGACTCTCCA CCGCAATGA;  | 60 |
| Rev: TCAGGCTCCCTCTTCAGGAC |
| Il1b | Fw: GAGTGTGGATCCCAAGCAAT;  | 58 |
| Rev: TACCAGTTGGGGAACTCTGC |
| Il1f5 (IL36RN) | Fw: CTTACTCCTCTCCTTCCCTACT; | 60 |
| Rev: GGTCATCTTCTGTCAGCTATCC |
| Il22 | Fw: CAGCTCCTGTCACATCAGCGGT;  | 60 |
| Rev: AGGTCCAGTTCCCCAATCGCCT |
| Ivl | Fw: AAACTTGGTGAGCCAGAATTACA;  | 60 |
| Rev: CCTTTCCAGTTGTTTACCCTTCT |
| Krt16 | Fw: AGCAGGAGATCGCCACCTA;  | 60 |
| Rev: AGTGCTGTGAGGAGGAGTGG |
| Lce3e | Fw: GCCCTGCTGACTTCTTCTATCCAG;  | 63 |
| Rev: AGCTACCAGGGAATGAGGACTGTG  |
| Lcn2  | Fw: CCCTGTATGGAAGAACCAAGGA;  | 60 |
| Rev: CACACTCACCACCCATTCAGT |
| LL37 (Camp) | Fw: CTTCAAGGAACAGGGGGTG;  | 60 |
| Rev: CCAAGGCAGGCCTACTACTC  |
| Rpl13a | Fw: CACTCTGGAGGAGAAACGGAAGG;  | 63 |
| Rev: GCAGGCATGAGGCAAACAGTC |
| S100A8 | Fw: AAATCACCATGCCCTCTACAAG;  | 58 |
| Rev: CCCACTTTTATCACCATCGCAA |
| S100A9 | Fw: GGTGGAAGCACAGTTGGCA;  | 58 |
| Rev: GTGTCCAGGTCCTCCATGATG |
| Serpbinb7 | Fw: CTTCTCTTCCCTGAGCATCTTC; | 60 |
| Rev: GTGAAGGCCGATTTCCATTTG |
| Serpinb13 | Fw: CCCAGTTCAACCTGGAAGATAG; | 60 |
| Rev: CCAGAGTAGATCAAGGGCAATAG |
| Serpinb3a | Fw: TCCTGTTGCCAGTGGAAATCA;  | 60 |
| Rev: TCAAAGGCATCGACCATTCCC |
| Ubc | Fw: AGGTCAAACAGGAAGACAGACGTA;  | 60 |
| Rev: TCACACCCAAGAACAAGCACA |
| Ywhaz  | Fw: AACAGCTTTCGATGAAGCCAT;  | 60 |
| Rev: TGGGTATCCGATGTCCACA |
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