Table S1 Primer information list

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| Genes | Primer | size of the amplified product | annealing temperature |
| IL1R2 | primers: upstream primer F: 5'-CTTTCCTGCCGTTCATCTCATAC-3';downstream primer R: 5'-CCAAAAGAAGAGAATCCTTGTACCA-3'. | 138bp | 55-60℃ |
| S100A12 | upstream primer F: 5'-GTTAACATTAGGCTGGGAAGATGAC-3';downstream primer R: 5'-CGAACTGAGTATTGGTGGAAGATATTGAC-3'. | 82bp | 55-60℃ |
| CCL8 | upstream primer F: 5'-GCTCAGCCAGATTCAGTTTCCATTC-3' downstream primer R: 5'-CTTGCCCCGTTTGGTCTTGA-3'.  | 150bp | 55-60℃ |