**SUPPLEMENTARY TABLE S1 |** Primer sequences used for qRT-PCR.

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| Gene | Sequence (5′ to 3′)  | Amplicon size (bp) |
| TRAP | Forward: ACTTGCGACCATTGTTAGCCACAT | 91 |
| Reverse: ACACCGTTCTCGTCCTGAAGATACT |
| MMP-9 | Forward: CCAGTATCTGTATGGTCGTGGCTCTA | 82 |
| Reverse: AGGTGCTGTCGGCTGTGGTT |
| Cath K | Forward: AGGATATGCTCTCTTGGCTCGGAAT | 91 |
| Reverse: GCTGGCTGGCTGGAATCACATC |
| β-actin | Forward: TCACTATTGGCAACGAGCGGTTC | 153 |
| Reverse: GCACTGTGTTGGCATAGAGGTCTT |