**Supplemental table 1. Sequences of real-time PCR primers**

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| **Gene name** | **Forward sequence** | **Reverse sequence** |
| **COL1A1** | CAGACTGGCAACCTCAAGAA | CAGTGACGCTGTAGGTGAAG |
| **COL2A1** | CAGGATGGGCAGAGGTATAATG | GAGGCAGTCTTTCACGTCTT |
| **COL3A1** | GCTCTGCTTCATCCCACTATTA | CTGGCTTCCAGACATCTCTATC |
| **COL4A1** | ACCAGGACAAGCTCAAGTTC | TTTCCGGGTTCACCTTTCTC |
| **COL5A1** | CGCTTACAGAGTCACCAAAGA | TCACAGTTGTTAGGATGGAGAAG |
| **COL6A1** | CCTCGTGGACAAAGTCAAGT | ATCTCCACCTCGTCACTGTA |
| **GAPDH** | GAGTCAACGGATTTGGTCGT | TTGATTTTGGAGGGATCTCG |