**Table S2.** List of goat primers used for real-time PCR

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| **Gene** | **Sequence** | **Efficiency (%)** |
| **Aggrecan** | F-CACGATGCCTTTCACCACGAC R-TGCGGGTCAACAGTGCCTATC | 90 |
| **Type I Collagen** | F-AGGGCCAAGACGAAGACATC R-AGATCACGTCATCGCACAACA | 84 |
| **Type II Collagen** | F-GTGGAGCAGCAAGAGCAAGGA R-CTTGCCCCACTTACCAGTGTG | 63 |
| **SOX9** | F-TTCATGAAGATGACCGACGA R-CACACCATGAAGGCGTTCAT | 90 |
| **MMP13** | F-GCTCACGCTTTCCCTCCTR-CAAACTCATGGGCAGCAACA | 97 |
| **Beta Actin** | F-TGGCACCACACCTTCTACAATGAGC R-GCACAGCTTCTCCTTAATGTCACGC | 80 |