Table S1. Description of primers used and their references

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Region** | | **Sequence** | **Amplicon Length** | **References** |
| **HVRI** | 16190 - 16420 | 5’-CCCCATGCTTACAAGCAAGT -3’ | 231 bp | [74] |
| 5’-TGATTTCACGGAGGATGGTG -3’ | [75] |
| 16190 - 16339 | 5'-CCCCATGCTTACAAGCAAGT -3' | 150 bp | [74] |
| 5'-GTGCTATGTACGGTAAATGG-3' | [76] |
| 16292 - 16420 | 5'- CACCCTTAACAGTACATAGTAC-3' | 129 bp | [74] |
| 5'- TGATTTCACGGAGGATGGTG -3' | [75] |
| 16030 - 16230 | 5'- CATGGGGAAGCAGATTTGGG-3' | 201 bp | [23] |
| 5'- GATAGTTGAGGGTTGATTGCTG-3' | [23] |
| **Coding Region** | 663 *Hae III* | 5’-TGAAAATGTTTAGACGGGCCTCACATC-3’ | 120 bp | [77] |
| 5’-TAGAGGGTGAACTCACTGGGAAC-3’ | [77] |
| 13259 *Hinc II* | 5'-AATCGTAGCCTTCTCCACTTCA-3' | 181 bp | [77] |
| 5'-TCCTATTTTTCGAATATCTTGTTC-3' | [78] |
| 5176 *Alu I* | 5’-TAGGATGAATAATAGCAGCTCTACCG -3’ | 182 bp | [79] |
| 5’-GGGTGGATGGAATTAAGGGTGT -3’ | [77] |
| 7025 *Alu I* | 5’-CCGTAGGTGGCCTGACTGGC-3’ | 124 bp | [74] |
| 5’-TGATGGCAAATACAGCTCCT-3’ | [74] |
| 9052 *Hae II* | 5'-ACGCCTAACCGCTAACATTAC-3' | 104 bp | [74] |
| 5'-AGATGATAAGTGTAGAGGGAAG-3' | [74] |
| 12308 *Hinf I* | 5'-CACAAGAACTGCTAACTCATGC-3' | 123 bp | [80] |
| 5'-ATTACTTTTATTTGGAGTTGCACCAA-3' | [80] |
| 15606 *Alu I* | 5'-CCCACATCAAGCCCGAATG-3' | 104 bp | [74] |
| 5'-GATGAGGATGGATAGTAATAGG-3' | [74] |
| 4830 *HaeII* | 5’-CTATCCTCTTCAACAATATACTCT-3’ | 161 bp | [81] |
| 5’- ATGTGAGAAGAAGCAGGC -3’ | [81] |
| 13704 *Bst 0I* | 5'-TCACCCTAACAGGTCAACC-3' | 118 bp | [74] |
| 5'-ATGAGAAATCCTGCGAATAG-3' | [74] |
| 4577 *Nla III* | 5’-CACTCATCACACAGCGCTAAGC-3’ | 122 bp | [80] |
| 5’-TGGCAGCTTCTGTGGAAC-3’ | [80] |
| **Amelogenin Gene** | | 5'- CCCTGGGCTCTGTAAAGAATAGTG- 3' | X: 106 bp  Y: 112 bp | [24] |
| 5'- ATCAGAGCTTAAACTGGGAAGCTG- 3' | [24] |
| **SRY Gene** | | 5’- ATAAGTATCGACCTCGTCGGAA -3’ | 93 bp | [25] |
| 5’- GCACTTCGCTGCAGAGTACCGA -3’ | [25] |

References 23, 24 and 25 corresponds to reference number in the manuscript

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