Table 3List of primer sequences used in the study.

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| --- | --- | --- | --- |
| Primers | Sequence (5′-3′) | Tm (°C) | Usage |
| Female-specific-FwFemale-specific-RvSox9-Fw | AATGCTTTCTTTAGCGTTCTGTGTTTCTTTGTGATGGGTTGAGGCAGAGAGAAAGAGAGA | 585860 | sex certificationsex certificationqRT-PCR |
| Sox9-Rv | CACGTGAATCGAAGGATGAA | 60 | qRT-PCR |
| GATA4-Fw | CACACACAGATCTCAGCCTTAC | 60 | qRT-PCR |
| GATA4-Rv | GGCTTTGGAGCTGGAAGTTA  | 60 | qRT-PCR |
| Dmrt1-Fw | GTCGCTGTGACAAGTGTAACCTC | 60 | qRT-PCR |
| Dmrt1-Rv | TGAGACATCTGCTGGTATTGCTG | 60 | qRT-PCR |
| AMH-Fw | ATGTGGCTGTAGAAGAAGAC | 60 | qRT-PCR |
| AMH-Rv | CTGTTAGCAGGATGTATCG | 60 | qRT-PCR |
| HSD11b2-Fw | CACTCCGGTGACTCAAATAG | 60 | qRT-PCR |
| HSD11b2-Rv | AGGAGGTGAGACCAAAGT | 60 | qRT-PCR |
| cyp19a1a-Fw | ACCTCAGCATGACTTTCTTAC | 60 | qRT-PCR |
| cyp19a1a-Rvesr1-Fwesr1-Rvtopaz1-Fwtopaz1-RvGATA6-FwGATA6-RvSox3-FwSox3-Rv | CTGGTGTAACCCAACCTTATTTACAGGACATGCTGGAAATGGTGTCTGATGTGTGAGAGAAGTATGGAGTTTAACAGGCGATTGTCCGCAAAGTTTACAACAGCGAGTCCCTACTCTCCTTATGTCTCTGTAGAGTGTGCAGCATAGCGAGAGAGAGAGAGACTAGAAGCACGACTCACAGAGGTAGA | 606060606060606060 | qRT-PCRqRT-PCRqRT-PCRqRT-PCRqRT-PCRqRT-PCRqRT-PCRqRT-PCRqRT-PCR |
| β-actin-Fw | GCTGTGCTGTCCCTGTA  | 60 | qRT-PCR |
| β-actin-Rv | GAGTAGCCACGCTCTGTC  | 60 | qRT-PCR |
| GAPDH-Fw | GAAGGGCATTCTGGGATACACT | 62 | qRT-PCR |
| GAPDH-RvM-cyp19a1a-Fw1M-cyp19a1a-Rv1M-cyp19a1a-Fw2M-cyp19a1a-Fw1pGL3-cyp19a1a-FwpGL3-cyp19a1a-Rv | TCAAAGATGGAGGAGCGGCTTTATATTTATTTTGATAGTTGTTGTCTATATAAAATATACTAAACCTATACCACTATGGGAAAAATGTTTGAAATTTTAAACCAACACCCTTAAAAAAACCTATCCGGGGTACCCCACACCCACTCTGATAGCTGCCGCTCGAGCTATTAGCGTCTCCTCTCCATTG | 62585855555656 | qRT-PCRBSP-PCRBSP-PCRBSP-PCRBSP-PCRPlasmid constructionPlasmid construction |