**Table S2** List of qRT-PCR primers used to determine gene expression changes in present study

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| --- | --- | --- | --- | --- |
| **Gene****type** | **Gene name** | **Forward primer sequence(5’-3’ orientation)** | **Reverse primer sequence****sequence(5’-3’ orientation)** | **source** |
| mRNA | *sigX* | GAAGACAAGGCTCCGAAACCG | GCGACAAATCGAAGCACCAGAAT | This study |
| mRNA | *gyrB* | TGCTGAAGGACGAGCGTTCG | ATCATCTTGCCGACAACAGC | (1) |
| mRNA | *16S rDNA* | TCAGTATCAGTCCAGGTGGTCGC | CGTTACCGACAGAATAAGCACCG | This study |
| mRNA | *prss* | CGGGCGTTTACACCAAAGTCTG | TCTCCCGCTGCTTTTCTGTCTG | This study |
| mRNA | *ctrb* | AACACGTCTGTCGCTGTCACTTGT | TTTGTCAGTTCTTTTGTGGGTGGA | This study |
| mRNA | *xcr1* | CATGTCTGCGCTGGTTCTGTGA | GGTGCTGCTCGCTGTTCTTCTC | This study |
| mRNA | *plau* | ACAATCCTCCCTGCCCTTCG | AACCTGTTAGTCATCCTCGCCATT | This study |
| mRNA | *ccl19* | TTCTGTTCAGAACATCAGAACGGC | CTGTGGGCAAGTCAAGGCAAAT | This study |
| mRNA | *snat2* | AGAAAGCGAGAAACGGTGACAGA | ACCATTTGGTGGGTGAATGTTTG | This study |
| mRNA | *cacna1h* | AACTCCACTGTGGTGGTTTTGACC | TGTCCGCAGGGCTGGAACAT | This study |
| mRNA | *β-actin* | GGCTACTCCTTCACCACCACA | GGGCAACGGAACCTCTCAT | (2) |
| lncRNA | *c145755\_g3* | GCTGCTAACTATGGTGGCTGGTG | GGTGCTTGTTGAGGTTGCTTGG | This study |
| lncRNA | *c163791\_g1* | GCTCCTCAATTCCTTCAGTGTTCG | CACCGTAGTTAGCTGTCCCTCCAT | This study |
| lncRNA | *c155748\_g6* | GCACATCAGCTTCTGCCCTCA | GCAACCTCACCACTAAATGCCACT | This study |
| lncRNA | *c236160\_g1* | GAAGGGAGCCACTGAAGGTGTTG | GCTGATGGCAGGAGATGAAATTCA | This study |
| lncRNA | *c99204\_g1* | CCCTGGGCGATACTCAAACTGTA | GCGCTTGCTTATGGAATGGC | This study |
| lncRNA | *c3431\_g1* | CTCTTGCCATGAGCAGATGTTGAA | CTCCCCTCGTCTCCAGATGTTTTA | This study |
| miRNA | *5S rRNA* | GGAGACCGCCTGGGAATA |  | (3) |
| miRNA | *21\_4547* | GGGCAGAGTGTGTCTGAAGCT |  | This study |
| miRNA | *23\_4964* | GCCCAATCTGATGTCTGGTCCTT |  | This study |
| miRNA | *dre-miR-30c-5p* | GCCCTGTAAACATCCTACACTCTCAG |  | This study |
| miRNA | *22\_4727* | GGTCACAGTGAACCGGTCTCTTT |  | This study |

**Supplementary references**

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