Table S1 The list of primer sequences for lncRNAs and mRNAs.

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| Gene symbol | Primer Sequence | Product size (bp) |
| *GAPDH* | F: GTCAAGGCAGAGAACGGGAA  R: GGTTCACGCCCATCACAAAC | 232 |
| *XM\_012095561.3* | F: TTCTCTCGCATGGGACCCTA  R: TCGTCCAGGTTGAAGTGAGC | 233 |
| *TCONS\_00060829* | F: TCTTGTCGGCATGAAGGGAC  R: CTCGCTCCAAAGAGGCTTCA | 176 |
| *TCONS\_00034478* | F: TTGAGAGCATGCCCCTTCTG  R: CGGTACCGCAAGATACCTCC | 142 |
| *XM\_004002368.4* | F: TGTCAACGGCAAGCTGTTTC  R: GGCGTGGACATCCTGGTATT | 104 |
| *TCONS\_00019332* | F: AAACCCACCTAGCGCAGAAA  R: CGGTAAAGTGGCCGGGTATT | 151 |
| *XR\_003586084.1* | F: GCTCGTCCAGGATCTCTCAC  R: AGGCCTTATCAGAAACGAGG | 104 |
| *XR\_003588753.1* | F: CTGAGCCTCTGCTTACGAGG  R: CTCTCACCAACGCCGAGATT | 236 |
| *XR\_003589149.1* | F: CGTACCTGTTCTCTCCAGCC  R: CGCCATACCTGGCTTAGTGT | 172 |
| *FSH* | F: GGGGCATCAGCTTCAGTTCT  R: GAGCTTGGTAACTGCCACCT | 107 |
| *LH* | F: GGCTACTGCCTCAGCATGAA  R: GGTGGGCATGGGAGATTGA | 292 |
| Gene symbol | **TCONS\_00066406 siRNA sequence (5’-3’)** | **Target sites** |
| siRNA-NC | sense: UUCUCCGAACGUGUCACGUTT  antisense: ACGUGACACGUUCGGAGAATT | Negative control |
| siRNA- TCONS\_00066406 | sense: GCAUGUAGGGUGACAAAUATT  antisense: UAUUUGUCACCCUACAUGCTT | 1785 |