**Table S1**. The primers information of miRNAs in this study

|  |  |
| --- | --- |
| **Gene** | **primers** |
| U6 | Forward sequence (5'-3'): ACAGAGAAGATTAGCATGGCCReverse sequence (5'-3'): GACCAATTCTCGATTTGTGCGPCR Products(bp): 94bp |
| LvmiR156 (osa-miR156a\_L+1)CUGACAGAAGAGAGUGAGCAC | miR156：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGTGCTCmiR156-F：GCGCGCTGACAGAAGAGAGT |
| LvmiR164 (osa-miR164a\_R+1)UGGAGAAGCAGGGCACGUGCAA | miR164：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTTGCACmiR164-F：CGTGGAGAAGCAGGGCAC |
| LvmiR166 (osa-miR166a-5p\_1ss7TC)GGAAUGCUGUCUGGUUCAAGG | miR166：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCCTTGAmiR166-F：GCGGGAATGCTGTCTGGT |
| LvmiR396 (osa-miR396a-5p\_L+1)CUUCCACAGCUUUCUUGAACUG | miR396：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAGTTCmiR396-F：GCGCTTCCACAGCTTTCTT |
| LvmiR160 (osa-miR160a-5p\_R-1\_1ss20CT)UGCCUGGCUCCCUGUAUGCU | miR160：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAGCATAmiR160-F：CGTGCCTGGCTCCCTG |
| LvmiR167c (bdi-miR167c-5p\_L+1R-2)UUGAAGCUGCCAGCAUGAUCU | miR167：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAGATCAmiR167-F：GCGTTGAAGCTGCCAGCA |
| LvmiR167d (osa-miR167d-5p\_R+2)UGAAGCUGCCAGCAUGAUCUGAA | miR167：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTTCAGAmiR167-F：CGTGAAGCTGCCAGCATGA |
| LvmiR828 (cme-miR828)UCUUGCUCAAAUGAGUAUUCCA | miR828：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTGGAATmiR828-F：CGCGTCTTGCTCAAATGAGT |
| LvmiR5179 (osa-miR5179\_R+2)UUUUGCUCAAGACCGCGCAACCA | miR5179：GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTGGTTGmiR5179-F：CGTTTTGCTCAAGACCGCG |

Note: MiRNA was detected by stem loop method. The general downstream primers are: R: AGTGCAGGGTCCGAGGTATT. The upstream primers and reverse transcriptional stem loops of miRNA are as follows: