**Supplementary Materials:**

|  |  |  |
| --- | --- | --- |
| **Gene** | **Forward primer (5′-3′)**  | **Reverse primer (5′-3′)**  |
| MdMSI1-1(qRT) | GGAGAGGTTAATCGGGCTCG | AATCAGGACTGCATGCACCA |
| MdMSI1-2(qRT) | AATCAGGACTGCATGCACCA | GGAGAGGTTAATCGGGCTCG |
| MdMSI2(qRT) | GGAGAGGTTAATCGGGCTCG | AATCAGGACTGCATGCACCA |
| MdMSI3-1(qRT) | AATCAGGACTGCATGCACCA | TAGCCGAGTCAGAGACCGAA |
| MdMSI3-2(qRT) | TAGCCGAGTCAGAGACCGAA | GGGGACTCCAGTCTAGAGCA |
| MdMSI4-1(qRT) | GGGGACTCCAGTCTAGAGCA | CTCTCGAATGGCCGTCTCTC |
| MdMSI4-2(qRT) | CTCTCGAATGGCCGTCTCTC | TTTCGGAAATGGCGCCAAAG |
| MdMSI4-3(qRT) | TTTCGGAAATGGCGCCAAAG | CAGGACCAAGAATCGGCTGT |
| MdMSI1-1 | ATGGGCAAAGAC | AGGCTTTGCCGGTTC |
| 18S | ACACGGGGAGGTAGTGACAA | CCTCCAATGGATCCTCGTTA |
| AtACTIN | TTTGGAGCCTGGGACTATGGAT | ACGGGGGAATGGGATGAGAT |

**Table S1:** Primers for quantitative real-time PCR.