**Additional file 1: Table S1.** **Primer and probe sequences**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *msp1* | Primary PCR | | A | AAGCTTTAGAAGATGCAGTATTGAC |
| B | ATTCATTAATTTCTTCATATCCATC |
| Nested PCR | K1 | Fwd | AAATGAAGAAGAAATTACTACAAAAGGTGC |
| Rev | GCTTGCATCAGCTGGAGGGCTTGCACCAGA |
| MAD20 | Fwd | AAATGAAGGAACAAGTGGAACAGCTGTTAC |
| Rev | ATCTGAAGGATTTGTACGTCTTGAATTACC |
| RO33 | Fwd | TAAAGGATGGAGCAAATACTCAAGTTGTTG |
| Rev | CATCTGAAGGATTTGCAGCACCTGGAGATC |
| *pfcrt* | Pre-amplification | | Fwd | TGGTAAATGTGCTCATGTGTTT |
| Rev | AGTTTCGGATGTTACAAAACTATAGT |
| RT-PCR | | Fwd | TGGCTCACGTTTAGGTGGAGGTTCTTG |
| Rev | ACTGAACAGGCATCTAACATGGATATAGC |
| Probes | | CVMNK | TGTGTAATGAATAAAATTTTTGCTAA |
| CVIET | TGTGTAAT**TG**A**A**A**C**AATTTTTGCTAA |
| SVMNT | **A**GTGTAATGAATA**C**AATTTTTGCTAA |
| 18S PCR | PLU3 Forward | | | GCTCTTTCTTGATTTCTTGGATG |
| PLU3 Reverse | | | AGCAGGTTAAGATCTCGTTCG |
| PLU3 Probe | | | VIC-ATGGCCGTTTTTAGTTCGTG-NFQ-MGB |

Red letters represent the mutation points

Fwd: forward primer

Rev: reverse primer