**Table S1. List of primers**

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| Primer name | Sequence 5’→ 3’ | Function |
| ***Universal primers:*** | | |
| TaKu70F1 | ACCTGGACCCCGAGGGCATCTTC | Amplify the first fragment of genomic sequence of *TaKu70* gene |
| TaKu70R1 | AGTGCCTGTGCAACCCAAAGAGC |
| TaKu70F2 | AGCCGGTATGGAATAACCTCTGG | Amplify the second fragment of genomic sequence of *TaKu70* gene |
| TaKu70R2 | GCGAAGATGATGACTTGAAACCC |
| TaKu70F3 | AGGGTTTCAAGTCATCATCTTCGCC | Amplify the third fragment of genomic sequence of *TaKu70* gene |
| TaKu70R3 | TAGCCAAGCCTTCTTCATCG |
| TaKu70F4 | ATGAGACCCTGCCCGATGAAGAA | Amplify the fourth fragment of genomic sequence of *TaKu70* gene |
| TaKu70R4 | GCATATTCCAGCCAACGATTCTC |
| TaKu80F1 | GCGAGCCCGATTTCCCCACG | Amplify the first fragment of genomic sequence of *TaKu80* gene |
| TaKu80R1 | TGTTGTGCGTCGGTGATTAG |
| TaKu80F2 | GTTGGCGTTGTCCTGTTTGG | Amplify the second fragment of genomic sequence of *TaKu80* gene |
| TaKu80R2 | GTGTTTCCCGGTTCAGGTAC |
| TaKu80F3 | TCCTTTGTACCTGAACCGGGAAAC | Amplify the third fragment of genomic sequence of *TaKu80* gene |
| TaKu80R3 | TGCCTTGAGGACCCAGACCC |
| ***Specific primers:*** | | |
| TaKu70TF1  TaKu70TTR | GATATGCATGCTGGGCTACTAC  GAGGATTCTCTTACTCACAGTCTTCAC | Specifically amplify the genome B sequence of *TaKu70* gene |
| TaKu70TF2  TaKu70TTR | GGTTTACTTATACCATATATCACATGC  GAGGATTCTCTTACTCACAGTCTTCAC | Specifically amplify the genome D sequence of *TaKu70* gene |
| TaKu70TF3  TaKu70TTR | TAAAAAATTGTAAGGCAACCATGC  GAGGATTCTCTTACTCACAGTCTTCAC | Specifically amplify the genome A sequence of *TaKu70* gene |
| TaKu80TF1  TaKu80TTR | GTTTAGAGAGCCATCTGTTACATGTG  TATGCTGGATCTATCTGCAAAACC | Specifically amplify the genome B sequence of *TaKu80* gene |
| TaKu80TF2  TaKu80TTR | GTTTAAAGAGCCATCTGTTACTG  TATGCTGGATCTATCTGCAAAACC | Specifically amplify the genome D sequence of *TaKu80* gene |
| TaKu80TF3  TaKu80TTR | CCCCCTTGTTTTTACAAGGG  TATGCTGGATCTATCTGCAAAACC | Specifically amplify the genome A sequence of *TaKu80* gene |
| ***qPCR primers:*** | | |
| TaKu70QF | CTACCTCATAGACGCCTCGC | qPCR analysis of *TaKu70* gene |
| TaKu70QR | GCAACTTCATCACGGGATCT |
| TaKu80QF | GGCTGGTTCTGCTGCTGGATG | qPCR analysis of *TaKu80* gene |
| TaKu80QR | GCCAACCTCGTCGCTCCTATG |
| 18sQF | CATCGCTCTGGATACATTAG | qPCR analysis of *18srRNA* gene |
| 18sQR | GGAGTCCTATAAGCAACATC |
| ActinQF | GTAGGAAATGGCTGACGGTG | qPCR analysis of *Actin* gene |
| ActinQR | ATGCTAGGGAAAACAGCCCT |