

Table S1 The primers used in this study.

| Primer | Sequences (5'-3') |
|--------|--|
| PF1 | ATGGCTAAGCGGCTGGTCCTCTTTGCGGC |
| PR1 | CTATCACTGGCTAGCCGACAATGCGTCGC |
| PF2 | GAAGGTGAGGCCTCTGGGCAACTACA |
| PR2 | CTATCACTGGCTGGCCGACAATGCGTCG |
| PF3 | GACAAGGGCAACAAGGGCAC <i>T</i> GCCCAACGT |
| PR3 | AGCAGCCAGGACAAGGGCAACAAGGGCAC <i>T</i> |

The positions of single-base substitution mutation were shown in bold italics.