***Supplementary File 1: Primers used in this study*.**

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| # | Primer Sequence |
| 1 | CGAGGTCGACGGTATCGATAATGTTCCTGTTCCAGACAG |
| 2 | TACATAGATCGACGGTATCCGCACAAAG |
| 3 | CGAAGTTATACTAACCAGAAGGAGGTGAC |
| 4 | CGCTCTAGAACTAGCTAGTGATCTACCGTTCTGCTCATG |
| 5 | GGATACCGTCGATCTATGTATCGAAACCACTC |
| 6 | GGCCTCGGACCGCTAGGCATAATCTGGAAC |
| 7 | ATGCCTAGCGGTCCGAGGCCTGACTACG |
| 8 | TTCTGGTTAGTATAACTTCGTATAATGTATGCTATACGAAGTTATG |
| 9 | CACCTGACGGATTAGTCAGTGCGGCCGCTGCTGAGGAACCTC |
| 10 | GAGGTTCCTCAGCAGCGGCCGCACTGACTAATCCGTCAGGTG |
| 11 | AGTCGGCCGGCCCTTAAGCTGCCAAAGCCATGCCTC |
| 12 | AGTCATGCATACATAAGCGCGTACATG |
| 13 | AGTCAGATCTTTAGCCATATGGAGGC |
| 14 | AGTCCCCGGGCTTAAGAGACCTGAGCACGCG |
| 15 | TCTCCTCAACGTTTTAGAGCTAGAAATAGCAAG |
| 16 | CGGGGACGGACAACTTGACATCCCCATTTAC |
| 17 | CTGGGCAGATGTTTTAGAGCTAGAAATAGCAAG |
| 18 | AACAGGACCCAACTTGACATCCCCATTTAC |
| 19 | GGTGTCGTATGGACTCTCCGTGTGG |
| 20 | GCTGCACTGCTTGCGGACGCAGATTCAAAGAGG |
| 21 | GGGGGCTCTTCGTTCCTCAGTTTCTCC |
| 22 | CCTGTGCCCGCTTACGGCGTCTCATACCATGTTTTCG |
| 23 | GGAACTGACACAGCCTCCGAGAG |