

A

TCGAGGCCAAAAATGCAGTGC GCCGCGTGCAGAGATGCACCTGTGCCGCTCGGCTGCGCAAATAATGACGAAGCCA
TGTCTACGTAGGAGCGCACTTGTGCGCGATGAAGCCTTCCCATCAATCCCATCGCGCACAAGTGCACCTCCTGCAAA
ACGCTAGGTCCAGGTGCCCATGCCGCATACGTGGATGGCCGATAGTGGCCTGTTGCGCTCTCCAGCAATCGTGGC
AGGTCAGCACGTGCGCGCTGCAGGCACGCCTTAATGATCAGCAACATTTCTCCGCCACGCTGACCGCGAAATGCACC
ACGGGGCTGCGAGCGCCTTTGCTGATCGGTTATGCACAGCCATGCAGAAACCATGACCTCGTACGAGTGCTCTCCT
ACGAGACGCTAGGGAACGGCCCGTGATGGCCTTCTCCCACCGCGAGCAGTGCGCCGATGCACAGCACATGTTGCC
CGCAGGCGCTGTGCGCGAACATGCTGGTTGCTGTGGCAAAGACTCCACTCACCGCTGCGAGCTAACGTCATCACCA
TCCTTGAGCACCCCCAACTAGCGGAAGCACAAACGCAAAACGGCCAGCGGATTACTCGCTGGCCGTTTTGCTGA
CGTCATCGTGTGCGCGACGCTGTACCCAAACCGCGCGTTACGCCACCGCCGCGCTTTCCCCGCCACCACGCCGCG
CTCGCGCTGACGCAGCAGGCGGTTGGCAACATCGAGCCAGGCCAGGGCGCTG**GCCTCGATGATGTCCTTGCT**

B

TCGAGGCCAAAAATGCAGTGC GCCGCGTGCAGAGATGCACCTGTGCCGCTCGGCTGCGCAAATAATGACGAAGCCA
TGTCTACGTAGGAGCGCACTTGTGCGCGATGAAGCCTTCCCATCAATCCCATCGCGCACAAGTGCACCTCCTGCAAA
ACGCTAGGTCCAGGTGCCCATGCCGCATACGTGGATGGCCGATAGTGGCCTGTTGCGCTCTCCAGCAATCGTGGC
AGGTCAGCACGTGCGCGCTGCAGGCACGCCTTAATGATCAGCAACATTTCTCCGCCACGCTGACCGCGAAATGCACC
ACGGGGCTGCGAGCGCCTTTGCTGATCGGTTATGCACAGCCATGCAGAAACCATGACCTCGTAGGAGCGCACTTGT
GCGCGATGAAGCCTTCCCATCAATCCCATCGCGCACAAGTGCAGCTCCTACGAAACGCTAGGGAACGGCCCGTGAT
GGCCTTCTCCCACCGCGAGCAGTGCGCCGATGCACAGCACATGTTGCCCCAGGCGCTGTGCGCGAACATGCTGGT
TGCTGTGGCAAAGACTCCACTCACCGCTGCGAGCTAACGTCATCACCATCCTTGAGCACCCCCAACTAGCGGAAG
CACAAACGCAAAACGGCCAGCGGATTACTCGCTGGCCGTTTTGCTGACGTCATCGTGTGCGCGACGCTGTACCCAA
ACCGCGCGTTACGCCACCGCCGCGCTTTCCCCGCCACCACGCCGCGCTCGCGCTGACGCAGCAGGCGGTTGGCAA
CATCGAGCCAGGCCAGGGCGCTG**GCCTCGATGATGTCCTTGCT**

C

TCGAGGCCAAAAATGCAGTGC GCCGCGTGCAGAGATGCACCTGTGCCGCTCGGCTGCGCAAATAATGACGAAGCCA
TGTCTACGTAGGAGGCTCCTACGAAACGCTAGGGAACGGCCCGTGATGGCCTTCTCCCACCGCGAGCAGTGCGCC
GATGCACAGCACATGTTGCCCGCAGGCGCTGTGCGCGAACATGCTGGTTGCTGTGGCAAAGACTCCACTCACCGCT
GCGAGCTAACGTCATCACCTCCTTGAGCACCCCCAACTAGCGGAAGCACAAACGCAAAACGGCCAGCGGATTA
CTCGCTGGCCGTTTTGCTGACGTCATCGTGTGCGCGACGCTGTACCCAAACCGCGCGTTACGCCACCGCCGCGCT
TTCCCCGCCACCACGCCGCGCTCGCGCTGACGCAGCAGGCGGTTGGCAACATCGAGCCAGGCCAGGGCGCTG**GCC
TCGATGATGTCCTTGCT**

Supplementary Fig. 1. Sequencing results with ‘Race 7-1F-1R’ primer. (A) Race 1 amplicon (753 bp). (B) Race 1 reference sequences from NCBI (801 bp). (C) Race 7 amplicon (469 bp). Letters in blue represent the forward primer; letters in red represent the reverse primer (reverse complement).