

(A)

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C test type 1 F -----GCACCACCTCACCCRRAC-----
18R10-45-1 ACATCCG...T...T...TGAACGTT
19D45-3 ACATTCG...T...TGAAGCGTT
19R44-19-3 ACATTCG...T.T...TGAACGTT
19D192-1 ACATTCG...T...TGAACGTT
19D295-2 ACATCCGA...T...TT.G.TGAACGCT
19D320 ACATTCG...T...TGAACGTT
20D467 ACATCCGA...T.T...TGAACGCT
20R44-22-2 ACATCCG...T...T...TGAACGTT
20R44-36 ACATCCG...T...TGAACGTT
20R44-37-1 ACATCCG...T...T...TGAACGTT
20R44-40-1 ACATTCG...T...TGAACGTT
20R44-42-2 ACATCCG...T...TGAACGTT
20R44-10-2 ACATTCG...T...TGAACGTT
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(B)

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C test type 2 F -----ATRA TGRGCTGGCATTCC-----
18D273 CACCTACAGCG...T...C.TTGAAGCAC
18D281-2 CACCTTCAAC...T...TTGAGGCGT
18D283-1 CACCTTCAGC...TTGAGGCA
18R10-24-1 CACCTCAGC...TTGAGGCA
18R10-46 CACCTCGTC...T...TTGATGCA
18R10-48 CACCTCGTC...T...TTGATGCA
18R10-52-1 CACCCCCGAC...GATGCA
19D083-2 CACCTCAGC...AA...TTGAGACA
19R44-10-2 CGCCTCAGCG...A...TTGAGACA
20D007-2 CACCCACGGCG...C...T...C...TTGA--CAC
20D214-2 CACCTCAGC...A...TTGAGACA
20D224-1 CACCTCAGC...A...TTGAGACA
20D540-1 CACCTCAGC...T...TTATGACA
20R44-50-1 CACCTCAGC...C...T...GGGCA
20R44-73 CACCTTCAAC...T...TTGAGGCGT
21D116-1 CACCTCTGCT...A...T.C.TTAAGACA
21D104 CACCTCGGC...A...TTGATGCA
21D170-1 CTCCTCAGCT...TTAAGGCGT
21R2-34 CACCTCAGC...T...TTATGACA
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Supplementary figure 1. Comparison between forward primer sequences of C test and target sequences of 13 PRRSV-1 samples (A) and 19 PRRSV-2 samples (B). The matched nucleotide sequences between the forward primer and target sequences were hidden. Genome sequences of PRRSV false-negative samples were submitted to GenBank under accession numbers ON892746, ON892752, and ON892756–ON892781.