

Table S4. Oligonucleotide sequences of primers used in this study.

Primer	Sequence (5'→3')a
N-D11653g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGGCTCACATCCGCTTTGC
C-D11653g-R	GTGGGGACAGGCCATGGAATCGATCTAATAGATGTAAAAGAACGTGATATGGACCGT
Nsi1-D11653-F	TTGGACGATGATGCTTTGAGGGC
Nsi1-D11653-R	GCCCTCAAAGCATCATCGTCCAA
N-A00204-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGCCCCGACTCTGCTGAACTC
C-A00240-R	GTGGGGACAGGCCATGGAATCGATTCTAGTGACAGGAGCGTCGGTA
N-B07500-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGCCTGACGCTCGACTCT
C-B07500-R	GTGGGGACAGGCCATGGAATCGATCTACTGGAAAAATCGGCATTGCCG
Nsi1-B07500-F	CCTGTGGAATGCACTTCGACAATGT
Nsi1-B07500-R	ACATTGTGCAAGTGCATTCCACAGG
N-B09266g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGTCTTGGAAGGTGAGCAG
C-B09266-R	GTGGGGACAGGCCATGGAATCGATCTAATAGTTAGCATTGATGAGATAATCTCCAGAGC
N-B17569-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGTCTGAAAAGGTGAAAATTGAAGCCAAG
C-B17569-R	GTGGGGACAGGCCATGGAATCGATTTACTCATAAACTTGCGGTGAGTTCAC
N-B19429g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGCAGTTCTCCGCCGC
C-B19429-R	GTGGGGACAGGCCATGGAATCGATTTAGATGAGCTGAGCAAGAGCACC
N-B19932-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGGTCGCCACTGTTTCAGC
C-B19932-R	GTGGGGACAGGCCATGGAATCGATTTATTTGTTGGCCTTCTCGAAGTACTCC
N-C08017g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGTCCTACACCCGAGTCACT
C-C08017-R	GTGGGGACAGGCCATGGAATCGATCTACAGCTTGCTGTCCAGCTTG
N-C12900-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGTCTGTCTCCAAGGTGAGTATTTGAAG
C-C12900-R	GTGGGGACAGGCCATGGAATCGATTTAGGCGCCAAGGGCG
N-C18396-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGTACAACAACACACGGGGG
C-C18396-R	GTGGGGACAGGCCATGGAATCGATTCAACACCATTTGCCTCCACAC
N-C23738-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGCACGGTCTCAATCAGTCAGCA
C-C23738-R	GTGGGGACAGGCCATGGAATCGATTTAGTACTTGGCCAGAGGTGCGTG
N-C25515-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGGGCAATTTTTGCCCGTCC
C-C25515-R	GTGGGGACAGGCCATGGAATCGATCTAATGCTGAGCCTCAGGACGAAT
N-C27382g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGAGCAAGCGCCAGAATGAC
C-C27382g-R	GTGGGGACAGGCCATGGAATCGATCTATTTCAACTGGCTCTTGAGCCC
C27382g-Nsi1-F	GACATAGCATGTATGGTGCTTGAC
C27382-Nsi1-R	GTCAAGCACCATACATGCTATGTC
N-C28396g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGCACATTTCACTAATCGCAATCAC
C-C28396-R	GTGGGGACAGGCCATGGAATCGATCTAACAGCAACAATCCTCGCCC
N-C32461-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGACAACCTTCTATCTCGGCTACT
C-C32461-R	GTGGGGACAGGCCATGGAATCGATTCAAAAAGCTGCGAGACAGCCG
N-D01548-F	CACATACAACCACACACATCCACAGCGGCCGCCACCATGGCGCGCAAAACGGAC
C-D01548-R	GTGGGGACAGGCCATGGAATCGATCTACATAATCACTTGATTCCAGCCCCT
Nsi1-D01548-F	CACAAACACCATGCTTCAATGTCCA
Nsi1-D01548-R	TGGACATTGAAGCATGGTGTGTTGTG
N-D01581g-F	CACATACAACCACACACATCCACAGCGGCCGCCACCTTAATTCCACCCAATGACTCCATCTCC
C-D01581g-R	GTGGGGACAGGCCATGGAATCGATATGTGCGGACCCTCAAGAAAC

N-D08564g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGGCCAACGCGTTTTCC
 C-D08564-R GTGGGGACAGGCCATGGAATCGATTTAGGCAACCTCCTTTCGTTCG
 N-D09712g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGTTCCGTGTCTGGTTGCC
 C-D09712-R GTGGGGACAGGCCATGGAATCGATCTATACATTACAAATTAGTGCATGGTGCTTTTC
 N-D10458g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGTCCAAAGCAGTAGGAATTGATCTTGG
 C-D10458-R GTGGGGACAGGCCATGGAATCGATTTAGTCAACCTCCTCAACGGTGG
 N-E03723-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGAACGTCATATTCGAAAACACGCC
 C-E03723-R GTGGGGACAGGCCATGGAATCGATTCAACGGTTTTCGAGGACCG
 N-E04033g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGGCACCCTAACAAAGTCGC
 C-E04033-R GTGGGGACAGGCCATGGAATCGATCTACTGGGCCAGAATGGACTTGAC
 N-E20229g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGAACTTCGACTATGACTTTCTGCAGT
 C-E20229-R GTGGGGACAGGCCATGGAATCGATCTAATGTCCTTCGAAGTCCGGTGAAG
 N-E34205-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGGCTGAAGATAAGGTGTTTGAAGTGG
 C-E34205-R GTGGGGACAGGCCATGGAATCGATTTAGAAAATCGTCCTCATCCACGATGAAC
 N-E36937-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGAAACGAACTCGAGTGGTCAAG
 C-E36937-R GTGGGGACAGGCCATGGAATCGATTCAATCTTCACTCTTGGCCAGC
 NsiI-E36937-1F CCAGAGGAACATGCTTTCAAGGTC
 NsiI-E36937-1R GACCTTGAAAGCATGTTCTCTGG
 NsiI-E36937-2F GAAATCCCCATGCACATGCGC
 NsiI-E36937-2R GCGCATGTGCATGGGGATTTC
 N-E37419-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGATTCTCGTCCAGGGCGAAA
 C-E37419-R GTGGGGACAGGCCATGGAATCGATCTACTCCCAAGTAAACCTCTCCCCT
 NsiI-E37419-F CCGAGTCGTATGCACGGAAATGGA
 NsiI-E37419-R TCCATTTCCGTGCATACGACTCGG
 N-F06904g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGAAAAACGTCATTTACTTTTGAAGTGAGT
 C-F06904-R GTGGGGACAGGCCATGGAATCGATTCAATTGTTAATGTTTCTCCACTCGGACT
 N-F17805-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGGACCATCTCTCTCAAGCAGG
 C-F17805-R GTGGGGACAGGCCATGGAATCGATCTAGAAAATGACACTCTTGCCACTCTG
 N-F28222g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGGAATCGTCGGGTATCTGTGC
 C-F28222g-R GTGGGGACAGGCCATGGAATCGATTAGCCAGAGTTTACTCGCGAG
 N-F29317-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGAGTACCCCTCCTTATTACAACATCTACC
 C-F29317-R GTGGGGACAGGCCATGGAATCGATTTACGCATCACCGGCCT
 N-F31672g-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGCAGCTCTCAGCCCTCG
 C-F31672-R GTGGGGACAGGCCATGGAATCGATTTAGATGAGGAGGGCGGCG
 N-F31687-F CACATACAACCACACACATCCACAGCGGCCGCCACCCTAGCTTGCGTAACGGGCA
 C-F31687g-R GTGGGGACAGGCCATGGAATCGATATGAGCCACGACCACGG
 N-F39789-F CACATACAACCACACACATCCACAGCGGCCGCCACCATGCGCCTGGAGCTGC
 C-F39789-R GTGGGGACAGGCCATGGAATCGATTCAAGTGTCTAGGTCGGTGATGG
 CX7166-F GATCTACTGATCACGGGCAAAAGTGC
 CX7166-R GGTGGTGGGAAGAACACCG
 T-R GATAAGCTGTCAAACATGAGAATTTCGG
 mhyI-CX-F TACCACGCTTTCCCCACGAC
 mhyI-CX-R AGATGGAAACGGCGTCCTTCTC
 ver-mhyI-R AATTCCCGTCTTGCAATTCCA

verF	CCCCAGTTGCAAAAGTTGACAC
mhy1-sgF	GGGTCGGCGCAGGTTGACGTCACCCTTCGAGGCCAGATGT
mhy1-sgR	GCTATTTCTAGCTCTAAAACACATCTGGCCTCGAAGGGTG
