A
ORF8-F3
ACTTGTCACGCCTAAACG
ORF8-F2
AGCTGCATTTCACCAAGAA
GGTTCTCACTTGAACTGCAAGATCATAATGAAACTTGTCACGCCTAAACGAACATGAAATTTCTTGTTTTCTTAGGAATCATCACAACTGTAGCTGCATTTCACCAAGAATGTAGTTTACAGTCATGTACTCAACATCAACCATATGTAGTTGATGACCC
CCAAGAGTGAACTTGACGTTCTAGTATTACTTTGAACAGTGCGGATTTGCTTGTACTTTAAAGAACAAAAGAATCCTTAGTAGTGTTGACATCGACGTAAAGTGGTTCTTACATCAAATGTCAGTACATGAGTTGTAGTTGGTATACATCAACTACTGGG
Trp Phe Ser Leu Glu Leu Gln Asp His Asn Glu Thr Cys His Ala
ORF7b
Met Lys Phe Leu Val Phe Leu Gly Ile Ile Thr Thr Val Ala Ala Phe His Gln Glu Cys Ser Leu Gln Ser Cys Thr Gln His Gln Pro Tyr Val Val Asp Asp Pro
ORF8
CAGTACATGAGTTGTAGTTGGT
ORF8-LF
ACATCAACTACTGGG
ORF8-F1c
ORF8-B1c
AGGAGCTAGAAAATCAGCACCT
ORF8-LB
AATTGAATTGTGCGTGGATGAG
GTGTCCTATTCACTTCTATTCTAAATGGTATATTAGAGTAGGAGCTAGAAAATCAGCACCTTTAATTGAATTGTGCGTGGATGAGGCTGGTTCTAAATCACCCATTCAGTACATCGATATCGGTAATTATACAGTTTCCTGTTTACCTTTTACAATTAAT
CACAGGATAAGTGAAGATAAGATTTACCATATAATCTCATCCTCGATCTTTTAGTCGTGGAAATTAACTTAACACGCACCTACTCCGACCAAGATTTAGTGGGTAAGTCATGTAGCTATAGCCATTAATATGTCAAAGGACAAATGGAAAATGTTAATTA
Cys Pro Ile His Phe Tyr Ser Lys Trp Tyr Ile Arg Val Gly Ala Arg Lys Ser Ala Pro Leu Ile Glu Leu Cys Val Asp Glu Ala Gly Ser Lys Ser Pro Ile Gln Tyr Ile Asp Ile Gly Asn Tyr Thr Val Ser Cys Leu Pro Phe Thr Ile Asn
ORF8
CACAGGA
ORF8-F1c
CGACCAAGATTTAGTGGGTA
ORF8-B2
TGCCAGGAACCTAAATTGGGTAGTCTTGTAGTGCGTTGTTCGTTCTATGAAGACTTTTTAGAGTATCATGACGTTCGTGTTGTTTTAGATTTCATCTAAACGAACAAACTAAAATGTCTGATAATGGACCCCAAAATCAGCGAAATGCACCCCGCATTAC
ACGGTCCTTGGATTTAACCCATCAGAACATCACGCAACAAGCAAGATACTTCTGAAAAATCTCATAGTACTGCAAGCACAACAAAATCTAAAGTAGATTTGCTTGTTTGATTTTACAGACTATTACCTGGGGTTTTAGTCGCTTTACGTGGGGCGTAATG
Cys Gln Glu Pro Lys Leu Gly Ser Leu Val Val Arg Cys Ser Phe Tyr Glu Asp Phe Leu Glu Tyr His Asp Val Arg Val Val Leu Asp Phe Ile
ORF8
Met Ser Asp Asn Gly Pro Gln Asn Gln Arg Asn Ala Pro Arg Ile Thr
N
GGTCCTTGGATTTAACCCATC
ORF8-B3
B
GeneN-A-F3
TGGCTACTACCGAAGAGCT
GeneN-A-F2
CCAGACGAATTCGTGGTGG
CAAGGCGTTCCAATTAACACCAATAGCAGTCCAGATGACCAAATTGGCTACTACCGAAGAGCTACCAGACGAATTCGTGGTGGTGACGGTAAAATGAAAGATCTCAGTCCAAGATGGTATTTCTACTACCTAGGAACTGGGCCAGAAGCTGGACTTCCCT
GTTCCGCAAGGTTAATTGTGGTTATCGTCAGGTCTACTGGTTTAACCGATGATGGCTTCTCGATGGTCTGCTTAAGCACCACCACTGCCATTTTACTTTCTAGAGTCAGGTTCTACCATAAAGATGATGGATCCTTGACCCGGTCTTCGACCTGAAGGGA
Gln Gly Val Pro Ile Asn Thr Asn Ser Ser Pro Asp Asp Gln Ile Gly Tyr Tyr Arg Arg Ala Thr Arg Arg Ile Arg Gly Gly Asp Gly Lys Met Lys Asp Leu Ser Pro Arg Trp Tyr Phe Tyr Tyr Leu Gly Thr Gly Pro Glu Ala Gly Leu Pro
N
TGCCATTTTACTTTCTAGAGTCAGG
GeneN-A-LF
TGATGGATCCTTGACCCGGTCT
GeneN-A-F1c
GeneN-A-LB
ACTGAGGGAGCCTTGAATACA
GeneN-A-B1c
AGACGGCATCATATGGGTTGCA
ATGGTGCTAACAAAGACGGCATCATATGGGTTGCAACTGAGGGAGCCTTGAATACACCAAAAGATCACATTGGCACCCGCAATCCTGCTAACAATGCTGCAATCGTGCTACAACTTCCTCAAGGAACAACATTGCCAAAAGGCTTCTACGCAGAAGGGAG
TACCACGATTGTTTCTGCCGTAGTATACCCAACGTTGACTCCCTCGGAACTTATGTGTTTTCTAGTGTAACCGTGGGCGTTAGGACGATTGTTACGACGTTAGCACGATGTTGAAGGAGTTCCTTGTTGTAACGGTTTTCCGAAGATGCGTCTTCCCTC
Tyr Gly Ala Asn Lys Asp Gly Ile Ile Trp Val Ala Thr Glu Gly Ala Leu Asn Thr Pro Lys Asp His Ile Gly Thr Arg Asn Pro Ala Asn Asn Ala Ala Ile Val Leu Gln Leu Pro Gln Gly Thr Thr Leu Pro Lys Gly Phe Tyr Ala Glu Gly Ser
N
TCTAGTGTAACCGTGGGC
GeneN-A-B2
TAGGACGATTGTTACGACGT
GeneN-A-B3