

Appendix B: sequences of fig-infecting viruses obtained in this study

Note: the sequences marked with yellow background were one of the pair of primers used for RT-PCR/PCR. Atsh, Ksh, Ht, Urq, BJ, SD, and JS indicate Atushi, Kashgar, Hotan, Urumqi, Beijing, Shandong, and Jiangsu, respectively.

FMV (260 bp)

>Ksh-26, KU198375, Montenegro, 247/260 (95%)

ATAAGTCTGATATCTAACCCAGAAGATACTGTTGAGAAGTTATTAGATGCTCAAAAGGTGCTATATCAA
GATTGTTTCAGATAGATATGTTGAATTTCAATCTCATTAGAAAAAATTATATGAACACTAATCCTTATAA
CAAAACGTATTTAAATGACTGCAATCTGTCAAAAATATTAGACAAGAAGAATGAGTCTTTATATAATATT
GTTGATACATACAAACCCTCTATTTATATA **CCAATCGCAAAAACAGTGTT**

>Ksh-37/Atsh-30, 34, KU198374, Montenegro 250/260 (96%)

ATAAGTCTGATATCTAATCCAGAAGATACAGTTGAGAAGTTGTTAGATGCTCAAAAGGTGCTATATCAA
GATTGTTTCAGATAGGTATATTGAATTTCAATCTCATTAGAAAAAATTATATGAACACCAATCCTTATAA
TAAAACGTATTTAAATGATTGCAATTTGTCAAAAATATTGGACAAGAAAATGAGTCTTTATATAATATT
GTTGACACCTATAAACCTTCTATTTATATA **CCAATCGCAAAAACAGTGTT**

FLMaV-1

>Atsh9-11, 307 bp, KU198382, Bosnia and Herzegovina, 298/307(97%)

GTGGCTGATGCAAAGTTATTTCAAAAACCCCTGGGTCTACTTCCGTGATTTAAAGCGTTATGTAGGA
GCCAATTCACGGACTCTGAACTCATACCTCTCGAAACTTCAACCTCACTATAACGTGGAAGCTGCTAA
AGTAGGTCACGGAACCGCAGATACGGTTCGGTTATCTGCTTATAACTCGTGGGGTACGAAATCTTTCGA
CCTCCCTTTCCTCATATCATTGTACTGTCTACGTCTGGTTGAAGCGGCCGAAGAGGCTTTTCAGTGTA
ATGTCATGCTCTCATAGTGCCGTACCGGCTG

>Atsh-7, 307 bp, KU198386, Montenegro, 283/307(92%)

GTGGCTGATGCAAAGTTATTTCGAACACCCCTGGGTCTACTTCCGTGATTTAAACGTTATGTGGGA
GCCAATTCACGGACATTGGGCTCGTACCTCTCGAAACTTCAACCTCACTATAAGGTGGAAGTTGTTAA
GGTAGGTCACGGAACCGCAGACACGGTTCGATTATCAGCTTATAACTCGTGGGGTACAAAGTCTTTCG
ATCTCCCTTTCCTCATATCATTGTATTGCTTACGTCTAGTTGAAGCGGCCGAAGAGGCTTTTCAGTGTA
ATGTCATGCTCTCATAGTATCCG TACCGGCTG

>Ht12, 311 bp, KU198382, Bosnia and Herzegovina, 300/311 (96%)

ACTTCCGTGATTTAAAGCGTTATGTAGGAGCCAATTCACGGACTCTGAACTCATACCTCTCGAAACTTC
AACCTCACTATAACGTGGAAGCTGCTAAAAGTAGGTCACGGAACCGCAGATACGGTTCGGTTATCTGCA
TATAACTCGTGGGGTACGAAATCTTTCGACCTCCCTTTCCTCATATCATTGTACTGTCTACGTCTGGTTG
AAGCGGCCGAAGAGGCTTTTCAGTGTAATGTCATGCTCTCATAGTGCCGTACCGGCTGGTTATAGTT
GTTCTAAAAGATTAT **TCATGGAAGCATGCGTTAAC**

>SD-12, 311 bp, KU198382, Bosnia and Herzegovina, 301/311 (97%)

ACTTCCGTGATTTAAAGCGTTATGTAGGAGCCAATTCACGGACTCTGAACTCATACCTCTCGAAACTTC
AACCTCACTATAACGTGGAAGCTGTTAAAAGTAGGTCACGGAACCGCGGATACGGTTCGGTTATCTGCT
TATAACTCGTGGGGTACGAAATCTTTCGACCTCCCTTTCCTCATATCATTGTACTGTCTACGTCTGGTTG

AAGCGGCCGAAGAGGCTTTTCAGTGTAATGTCATACTCTCATAGTGCCGTACCGGCTGGTTATAGTT
GCTCTAAAAGATTATTCATGGAAGCATGCGTTAAC

FMMaV

>Atsh-7, 276 bp, KU198389, Montenegro, 264/276 (96%)

CTCTATTTCGCCTTCGAATTTTACCTTAAAGACTGGGGTATCAATGCTTGGTCGATATCGTCGCTTGATGT
GACGATTCATACGGAGGTTTCGTGCGGTCGGGGAAGTCTCTCTCAGATTGTCTGCTGCCGGTTCGTGCGTT
GGATATGAAGCCTAGCAAGTTGTATGATTTTCCAACCTCTCGAAACCTTTACCTCACATTGTCAATGA
CAACAGCGAGAAGCTTGATTCTATAAAAAATTTTATTGCATTAGCTAGCAATCCTCAAGCGCGTAATA

FFkaV

>Atsh-24, 221 bp, KT267258, Turkey, 191/221 (86%)

ATGCGACGAGTCTCAATCCCGGAGCACCTCATTCAACTCCACAAGTCCATCAAAACATCCATCACCAC
CCAATTCGGCCCCCTCACTTGCATGCGACTCACTGGCGAACCCGGCACCTATGACGACAACACCGACT
ACAACACCGCAATTCTCTACAGCCAATTCCAGCTTGGATCCACCCCGGTGCTCGTCAGTGGCGACGAC
TCCCTCATTGACCGTGT

>Atsh-46, 221 bp, KT267258, Turkey, 190/221 (86%)

ATGCGACGAGTCTCAATCCCGGAGCACCTCATTCAACTCCACAAGTCCATCAAAACATCCATCACCAC
TCAATTCGGCCCCCTCACTTGCATGCGACTCACTGGAGAACCCGGCACCTATGACGACAACACCGACT
ACAACACCGCAATTCTCTACAGCCAATTCCAGCTTGGATCCACCCCGGTGCTCGTCAGTGGCGACGAC
TCCCTCATTGACCGTGT

>Ksh-19, 26, 222 bp, KT267258, Turkey, 192/222 (86%)

ATGCGACGAGTCTCAATCCCGGAGCACCTCATTCAACTCCACAAGTCCATCAAAACATCCATCACCAC
TCAGTTTCGGCCCCCTCACATGCATGCGACTTACTGGTGAACCCGGCACCTATGACGACAACACCGACT
ACAACACCGCAATTCTCTACAGCCAATTCAGCTCGGATCCACCCCGGTGCTCGTCAGTGGCGACGAC
TCCCATATTGACCGTGT

>Ksh-36, 222 bp, KT267258, Turkey, 192/222 (86%)

ATGCGACGAGTCTCAATCCCGGAGCACCTCATTCAACTCCACAAGTCCATCAAAACATCCATCACCAC
TCAGTTTCGGCCCCCTCACATGCATGCGACTTACTGGTGAACCCGGCACCTATGACGACAACACCGACT
ACAACACCGCAATTCTCTACAGCCAATTCAGCTCGGATCCACCCCGGTGCTCGTCAGTGGCGACGAC
TCCCATATTGACCGTGT

>Ksh-W4, 221 bp, KT267256, Turkey, 187/221 (85%)

ATGCGACGAGTCTCAATCCCGAACACCTCATACTCCACAAGTCCATCAAAACATCCATCACCAC
CCAATTCGGCCCCCTCACATGCATGCGGTTACCGGCGAACCCGGCACCTATGATGACAACACAGACT
ACAACACCGCAATACTCTACAGCCAATTCAGCTTGGTCCACCCAGTTCTCGTCAGTGGCGACGAC
TCCCTCATTGACCGTGT

>Urq, 221 bp, KC331993, Iran, 195/221 (88%)

ATGCGACGAGTCTCATCCCGAACACCTCATCTCAACTCCACAAGTCCATCAAAACATCCATCACCAC
CCAATTCGGCCCCCTCACTTGCATGCGACTTACTGGCGAACCCGGCACCTATGACGACAACACAGACT
ACAACACCGCAATACTCTACAGCCAGTTCCAGCTTGGATCCACCCAGTTCTCGTCAGTGGCGACGAC
TCCCTCATTGACCGTGT

>Ksh-1, 221 bp, KT267256, Turkey, 188/221 (85%)

ATGCGCCGAGTCTCAATCCCGGAGCACCTCATTCAACTCCACAAGTCCATCAAAACATCCATCACCAC
TCAGTTCGGCCCCCTCACATGCATGCGACTACTGGTGAACCCGGCACCTACGACGACAACACCGATT
ACAACACCGCAATTCTCTACAGCCAATTCCAGCTTGGATCCACCCGGTGCTCGTCAGTGGCGACGAC
TCCCTCATTGACCGTGT

FBV-1

>Atsh-7, 440 bp, KU821726, Iran, 440/440 (100%)

CTCTGTTCGAGGATCAGATCCGTGACTACCGGAGGAATCAAAGGCGAAGGTTTGTAGCTGAACAAGC
CGTAAGACGAACCATGGGAAGAATGCGAGGACGACGATACAACCAAACCTCTGGAGCAGATCGTAGAT
CCAGAGGTAGAGCTGAACCAATCTATGCAGGAAAGAGCGAACCTAGTACCTGCAGAAGTTCTGTACC
GCTCAAGAAGAGACAACATAAACCATCAGGTCTATAATCATAGATCCGAGGAAGCGATGCTTTGTGTA
GGAGAACAGCAAGACAGGATGTTTATCCAACCTAACAGCTTCCAAGAAGTACAGAGGAGTGGTATGC
AGTTCATACATCTGGGAGTTTTGCAAGTAAGACTCCAGATACTGCATAGGGCAGATGAAGGAACAATG
GCCTTGGTAGTCTTCA GAGATAACCGATGGCAAGGA

>Atsh-10/BJ-1,3/JS-7,10, JN050864, USA, 440/440 (100%)

CTCTGTTCGAGGATCAGATCCGTGACTACCGGAGGAATCAAAGGCGAAGGTTTGTAGCTGAACAAGC
CGTAAGACGAACCATGGGAAGAATGCGAGGACGACGATACAACCAAACCTCTGGAGCAGATCGTAGAT
CCAGAGGTAGAGCTGAACCAATCTATGCAGGAAAGAGCGAACCTAGTACCTGCAGAAGTTCTGTACC
GCTCAAGAAGAGACAACATAAACCATCAGGTCTATAATCATAGATCCGAGGAAGCGATGCTTTGTGTA
GGAGAACAGCAAGACAGGATGTTTATCCAACCTAACAGCTTCCAAGAAGTACAGAGGAGTGGTATGC
AGTTCATACATCTGGGAGTTTTGCAAGTAAGACTCCAGATACTGCATAGGACAGATGAAGGAACAATG
GCCTTGGTAGTCTTCA GAGATAACCGATGGCAAGGA