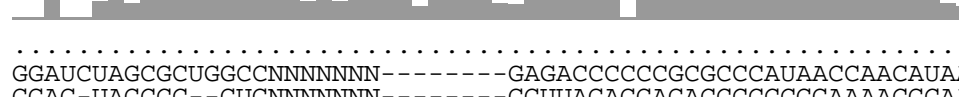


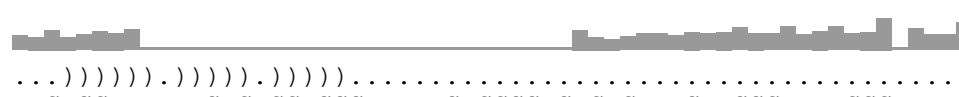
MBFV-NC 012533.1 AA-----CAGUUUU-----GUGUUGAGAAAGAAAACAGAUUCUUCGG--AAAUGAAA- 46
MBFV-NC 012532.1 AA-----CAGGUUU-----AUUUGGAUUUGGAAACGAGAGUUUCUGG--UCAUGAAA- 46
MBFV-NC 035889.1 AC-----AGGUUUU-----UUUUGGAUUUGGAAACGAGAGUUUCUGG--UCAUGAAA- 46
MBFV-NC 002640.1 -----UCUAAACAGUUUGUUUGAAUAGAGAGCAG--AUCUCUGGAAAAUG--- 43
MBFV-NC 001477.1 AC-----GUAGUUCUAAACAGUUU-UUU-AUUAGAGAGCAG--AUCUCUG-----AUGAAC- 46
MBFV-NC 001475.2 AC-----GUAGUGCUGACAGUUU-UUU-AUUAGAGAGCAG--AUCUCUG-----AUGAAC- 46
MBFV-NC 001474.2 -C-----GUAGUUCUAAACAGUUU-UUUAAUUAGAGAGCAG--AUCUCUG-----AUGAAU- 46
MBFV-NC 009029.2 UGAUUACAUAAACACAGUGUGAGAACAGUUUUUUUGAACAG--C-----AAUGACC- 46
MBFV-NC 032088.1 -----UAUAAACAGUGUGAACAGUUUUUUUGAUCAGUGGAU-----AAUGACU- 46
MBFV-NC 012534.1 CC----GUAAAACACAGUUUGAACGUUUUUUUGGAGA-GAG---AUUUU-----UAUGUUU- 46
MBFV-NC 015843.2 AC----GUAAAACACAGUUUGAACGUUUUUUUGGAUA-GAG---ACAAC-----UAUGUUU- 46
MBFV-NC 009028.2 U-----UUAAACACAGUCUGAAUAGUUUUUUUAGCA-AGGGA-UUUC-----CAUGUCU- 46
MBFV-NC 040776.1 U-----UUAAACACAGUCUGAAUAGUUUUUUUAGCA-GAGGU-ACUAC-----CAUGUCU- 46
MBFV-NC 001563.2 A-----UUAAACACAGUGCGAGUCUUUUUGGACGAGAA-UCUC-----GAUGUCU- 46
MBFV-NC 009942.1 A-----UUAAACACAGUGCGAGUCUUUUUUUAGCAGAA-UCUC-----GAUGUCU- 46
MBFV-NC 034151.1 -----UAACACAGUGUGAACAGUUUUUUUGAACAGAGUGAAAC-----CAUGUCU- 46
MBFV-NC 007580.2 -----UAACUUGACUGCGAACAGUUUUUUUAGCA-GGGAAUUACCC-----AAUGUCU- 46
MBFV-NC 000943.1 -----UAACCGCGUUUGAACAGUUUUUUUGAGGCUUUUGAUUUCA-----AAUGUCU- 46
MBFV-NC 006551.1 -----UUAAACAGUGCGCGAGUUUUUUUUGAGC-GUUGAUUUUC-----AAUGUCU- 46
MBFV-NC 001437.1 -----UUAGUGCAGUUUAAACAGUUUUUUUAGAACGGAAGAUAAACC-----AUGACU- 46
MBFV-NC 009026.2 -----AGAAAAGUUUUUGGAGAAAGACGAGAAAGCAAGAUUCUCUG-----AAUGGCU- 46
ISFV-NC 040610.1 G-----AACAAUUUUAAAGAAAGUCAAAACUAGAAAUUUAAUU-UC-----AAUGGUU- 46
ISFV-NC 024017.1 U-----CGCGCAUUUUUGAU-AGAGUUGACUAGAUAAACGAAUUUC-----GAUGGUG- 46
ISFV-NC 017086.1 A-----UAACACAGUUUGAUUAGGUUUUUUUGUG- AAUCGAAAUAACCG-----AUG----- 43
ISFV-NC 016997.1 A-----AACAAUCGCUUUGAUAGAAUAGGUUUUGAAAGAGUUGAAUCA-----AUGAGAU 47
MBFV-NC 002031.1 -----UAAUUCGUUCGUUGAGCGAUUAGCAGAGAAAGAGUAGACCAGA--ACAUGUC-- 45
ISFV-NC 027999.1 G-----GAUUAUUUGUUGUUUGAGAGAACAGCGGAGAAUACUACU-----AUGGUU 47
MBFV-NC 008719.1 A-----UUUCUACUGAAAGGGUAGAGA--A--AAGGAGUUUUGCUUC--UCAUGGCCA 47
MBFV-NC 012735.1 U-----UUUCUACUG-AAAGGAGUAGA--AGAAAGGAGAAUACUUAUCC--CAAUGGCCA 47
MBFV-NC 018705.3 CC-----GUAAAACACAGUUUGAAC-GUUUUUUUGGAGAGAGACUACU-----AUGUCA- 46
TBFV-NC 001809.1 G-----UGUUGAGAAAAGACAGCUUUAGGAGAACAGAGCUGGGG-----AUGGCCA 47
TBFV-NC 005062.1 G-----UGUUGAGAAAAGACAGCUUUAGGAGAACAGAGCUGGGG-----AUGGCCG 47
TBFV-NC 003690.1 G-----UGUUGAGAAAAGACAGCUUUAGGAGAACAGAGCUGGGG-----AUGGCCG 47
TBFV-NC 001672.1 G-----UGUUGAGAAAAGACAGCUUUAGGAGAACAGAGCUGGGG-----AUGGCCA 47
TBFV-NC 027709.1 G-----UGUUGAGAAAAGACAGCUUUAGGAGAACAGAGCUGGGG-----AUGGCCA 47
TBFV-NC 003687.1 -----AGAAAAGUUUUUGGAGAAAGACGAGAAAGCAAGAUUCUUG---A 44
NKV-NC 008718.1 UGA--AAUUUUUUUCUG--AAAACAGAAAUCAGAAUCAGACGCG--AUGAAU- 46
NKV-NC 005039.1 ---A--AAUUUUUUCGGAAGUUAAGCAACAGGUCCGGAUACAAAGACG-----AUGAAA- 46
NKV-NC 004119.1 -----ACCUUGGUUUUCCGCGUGGAAACCACGUCGCUUCUCGU----CAAUGACG- 46
NKV-NC 003635.1 -----AAUUUUUUUCUGGCGCG--UCACGCCCAUUUUUGGGCGGGGAUGUGC- 46
ISFV-NC 027817.1 -----UUGAAAGUUUCAAACUCUGGUGUCCAGCUUUUGAUUAA--AAUGAU- 46
ISFV-NC 034204.1 A-----UUUUUUUUAGCGCAGAGAAAGCAACCAAAAAGGGAA--CCA-----GAUG-GA- 45
ISFV-NC 034017.1 C-----UAGUGUUUGUAAAAUUUCUUUGGCGAGUACGGA- AAG-----UAUG-GA- 45
ISFV-NC 008604.2 A-----AGGCUUGAGUUGUUUUAAUAGUCGUUUUUUCUCGC-AGA-----AAUGGGA- 46
ISFV-NC 024299.2 C-----UUUGUGUUUUUAGAAAACUUUUUGGAGCAGUUUGUA-GAA-----GAUGGAG- 46
ISFV-NC 021069.1 A-----AUUUUGCUUACUUUUUUUACCUUGGAGAACUAAUGUGG-CAC-----UAUGAAG- 46
ISFV-NC 012671.1 U-----AAUUUGCUUACUUUUUUUACCUUGGAGAACUAAUGUGG-CGC-----UAUGAAG- 46
ISFV-NC 027819.1 U-----AGACGUUUUGCAGCGAAUAGCUUGAGAGAACAGACUU-ACU-----UAUGUCA- 46
ISFV-NC 001564.2 A-----AUUUUUUGCCGAGAGACCCUGAGGUUGAACCCGCGCA-AGG-----AAUGAAG- 46
ISFV-NC 005064.1 A-----AAUCAAGGAGUUUGUUCGGAAAAGAGACCUUUGGUU-CGU-----UAUGAAU- 46
ISFV-NC 012932.1 A-----AAAUUCAGAGUUUGUUUGGAAAAGAGAUUUCUGGU-UCG-----UAUGAAU- 46
.....10.....20.....30.....40.....50.....6



MBFV-NC 012533.1 --A---CCCCAAAAAGG-----GCCGCAUCGCGGCCU-AUCAUAUUGCUGAAGCGCUUU 94
MBFV-NC 012532.1 --A--ACCCCAAAGAAGAAAUCGGAGGA-UCCGGAUU-GUCAUAUUGCUAAAACGC--- 97
MBFV-NC 035889.1 --A--A-CCCCAAAAAGAAAUCGGGAGGAUUCGGGAUU-GUCAUAUUGCUAAAACGC--- 97
MBFV-NC 002640.1 --A--A-CCAACGAAAAAAGGUG--GUUAGACCACCU-UUCAUAUUGCUGAAACGCGAG 94
MBFV-NC 001477.1 --A--A-CCAACGAAAAAAGACG--GGUCGACCGUCU-UUCAUAUUGCUGAAACGCGCG 97
MBFV-NC 001475.2 --A--A-CCAACGGAAGAAGACG--GGAAAACCGUCU-AUCAUAUUGCUGAAACGCGUG 97
MBFV-NC 001474.2 --A--A-CCAACGAAAAAAGGCG--AAAAACACGCGCU-UUCAUAUUGCUGAAACGCGGAG 97
MBFV-NC 009029.2 --A--AAAAACCAGGAAGGCCGCGGUAAGAAUAGCGAGCC--GUCAUAUUGCUAAAACGCGGU 100
MBFV-NC 032088.1 --A--AAAAACCAGGAAGAUCCCGGGAUUCGCGGACU-GUCAUAUUGCUAAAAGCGCGGA 100
MBFV-NC 012534.1 --AACAAAAAACCCAGGAAAACCCCGGCAACCCCGGUU-GUCAUAUUGCUAAAAGCGCGGU 103
MBFV-NC 015843.2 --AACAAAAAACCCAGGAAGACCCGCGCAGGCGCGGUU-GUCAUAUUGCUAAAAGCGCGGU 103
MBFV-NC 009028.2 --A--AAAAACCAGGAAGAUCCCGCUGCAAGCCGGGACU-GUCAUAUUGCUAAAACGCGCU 100
MBFV-NC 040776.1 --A--AAAAACCAGGAGGACCCGCGCGAAGGCGGGGUU-GUCAUAUUGCUGAAACGCGCCA 100
MBFV-NC 001563.2 --A--AGAAACCAGGAGGGGCCGCGUAAAACCCGGGCU-GUCAUAUUGCUAAAACGCGGU 100
MBFV-NC 009942.1 --A--AGAAACCAGGAGGGGCCGCGGAAGACCGGCGU-GUCAUAUUGCUAAAACGCGGU 100
MBFV-NC 034151.1 --A--AAAAACCAGGAAGACCCGGAAGAACCCGGUC-GUUAUAUUGCUGAAACGCGCA 100
MBFV-NC 007580.2 --A--AAAAACCAGGAAACCCGGAAGAACCCGGGUU-GUCAUAUUGCUAAAACGCGGC 100
MBFV-NC 000943.1 --A--AAAAACCAGGAGGACCCGGGAAGCCCGGGGUC-GUCAUAUUGCUAAAACGCGGC 100
MBFV-NC 006551.1 --A--AGAAACCAGGAGGGGCCGGAAGAACCCGGGCC-AUCAUAUUGCUGAAACGCGCG 100
MBFV-NC 001437.1 --A--AAAAACCAGGAGGGGCCGGAAGAACCCGGGCU-AUCAUAUUGCUGAAACGCGCG 100
MBFV-NC 009026.2 --A--GAAACACCGGAAGACCCGGAAGAACCCGGUC-GUCAUAUUGCUAAAAGCGUACG 100
ISFV-NC 040610.1 --A--GACAACUUGGAAAGACCCGUGGCAAGACCGGUCU-GUCAUAUUGCUGAAAGCGAUU 100
ISFV-NC 024017.1 --A--CUAAAUCAAGAAAGCCCGCCGCAAAGCGGGCU-GUUAUAUUGCUAACACGCAU 100
ISFV-NC 017086.1 -----GCGAAUAAACCCCAAGAAGCCCGGAAGACGGGCU-AUGGAUAUGAGAGACGUGC 97
ISFV-NC 016997.1 CAAUGGCUUUUCGAGCUAGGAGGCCGCUUAAACCCGGCC--GUCAUAUUAUAAACCGUAAG 106
MBFV-NC 002031.1 -----UGGUCUGUAAGUACUCACGGGAAAAACCCUGGC-GUCAUAUUGGUACGACGAGA 97
ISFV-NC 027999.1 AGAAAAACUAGAGUAGAUUCUCGGGUUAAACCCGAGGU-GUCAUAUUGAU--UAGGCGUA 104
MBFV-NC 008719.1 CAAAGAGGAGCAAGCAAGUCUCGGGUCACGACCCGGGGC-GUCAUAUUGGU--GACGGCCA 104
MBFV-NC 012735.1 CAAAGGGGAUGAAUAAGUCUCGGGUCUGAUCCCGAGGC-GUCAUAUUGGU--AGCGCUA 104
MBFV-NC 018705.3 --AACAAAAAACCCAGGAAGACCCGGGCAACCCGGGUU-GUCAUAUUGCUAAAAGCGCGC 103
TBFV-NC 001809.1 GGAAGACCAUCCUGAAGAGGCAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
TBFV-NC 005062.1 GGAAGGCCAUUCUGAAGAAAGGAGGAGGAGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
TBFV-NC 003690.1 GGAAGGCCGUUCUAAAAGGAAAGGGGGGGGGUCCCCUCGACGAGGUCGAAAGUGGCCG 107
TBFV-NC 001672.1 AGAAGGCCAUCCUGAAGGUUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
TBFV-NC 027709.1 GGAAGUCCAUCUGAAGGUUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
TBFV-NC 003687.1 UGACCAC--UUCUAAAAGAAAGGGGGGCGGUCCCCCUA--GGCGCAAGCUAAAAGUGACCG 101
NKV-NC 008718.1 -----AAUCGCAAGAGAAACCCCGGAAACAAAGGGU--GUCAAUUAAAUAUGCAAAU 97
NKV-NC 005039.1 -----AAUCGUAGACAACACCCGAAAUUUCGGGU--GUCAAUUAAAUAAGCAAAU 97
NKV-NC 004119.1 -----AAAGGCAAAUUGAAAAACCGCGAAUAAAAGAAA--GCAAAAACUCUAAGACAAU 100
NKV-NC 003635.1 ----GAAAAUAACAGGAAAAAAGAACCCUGGAAAGGGU--UCAAGAAGAAAAAGAAUGCU 100
ISFV-NC 027817.1 --GGAUUAGAGGAGCCUUCUCCCCCUGGAGGGAAGAAAAGAAAGCCCGUGA--UACA 102
ISFV-NC 034204.1 --GCAAAACG--GAAAGUUUUCCCGCGGGAGUGGUGGCGCCCGCCAGAGAGGGGCU 102
ISFV-NC 034017.1 --GCAAUUCGA--GGAAGUUUCCCGGCGGGAGGCGGUGCGGCGGGGCCCAAAGAGGGGCU 102
ISFV-NC 008604.2 --AAGGACGACGUAGAAGAAAGAAAGGGGCGGGCUCUCCGAGCGUGGUGUUAACA--CC 102
ISFV-NC 024299.2 --CGAAAGAAAGGAGUAUAUUUUGGGAGAAGGGAAGCUAU--CCCGCC--CCUCCCAUUA 102
ISFV-NC 021069.1 --AAGAAGGA--GUCGGGAGUAGUGGAGAGAGGACGCGGUACGCGCCCGACCAACCG 102
ISFV-NC 012671.1 --AAGAAGGA--GUCUGGAGUGGUGGAGAGAGGACGUGGAACCGUCUCCUGCCCAUUCG 102
ISFV-NC 027819.1 --AGUAAGGAAGCUGGAGAGGAAGAAAGGGAAUUUCCUGGGAGGAGGAGGAACACGGGCU 104
ISFV-NC 001564.2 --AGGAAGGA--UUUGGAGGCGGAGGAAAGCAGCCAGGAGGUUUUUUCCACCCTCGU 102
ISFV-NC 005064.1 --AGAGGAAG--CUUGAAGAAAGGGGCUCCCGGGCCCAACAUCCAACCGUCCGUGGUGG 102
ISFV-NC 012932.1 --AGGAUGCU--CUUGAAGAAAGGGGCUCCCGGGCCAAACAUCUGUGCGGCCAUCGACCG 102
0.....70.....80.....90.....100.....110.....1



MBFV-NC 012533.1 GGAUCUAGCGCUGGCCNNNNNNNN-----GAGACCCCCCGCGCCAUAACCAACAUAA 146
MBFV-NC 012532.1 GGAG-UAGCCC--GUGNNNNNNNN-----GGUUAGAGGAGACCCCCCGGAAAACGCAA 146
MBFV-NC 035889.1 GGAG-UAGCCC--GUGNNNNNNNN-----GUUAGAGGAGACCCCCCGGAAAACGCAA 145
MBFV-NC 002640.1 AGAAACCCGCGUAUCANNNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCAA--CACA--A 150
MBFV-NC 001477.1 AGAAACCCGCGUGU---NNNNNNNN-----UAGAGGUUAGAGGAGACCCCCGCAACAACA 150
MBFV-NC 001475.2 AGAAACCCGUGUGU---NNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCGCA--AAUA--A 150
MBFV-NC 001474.2 AGAAACCCGCGUGU---NNNNNNNN--CUAGAGGUUAGAGGAGACCCCCCGA--AACA--A 150
MBFV-NC 009029.2 GCUUCCCGCG-----NNNNNNNAGAGG--AGACCCUCCCAAGAAAGCGCAACACAA 152
MBFV-NC 032088.1 GCAUCCCGCG-----NNNNNNNAGAGGUUAGAGGAGACCCCCACAUAACGCAAA--ACAA 153
MBFV-NC 012534.1 GCAUCC-----NNNNNNNN-----GGAGACCCCUUGCGAGUUAAACACCAAA--ACAA 148
MBFV-NC 015843.2 ACGUCC-----NNNNNNNN-----AGGAGACCCCUUGCGAGUGAACACCAACA--GA 148
MBFV-NC 009028.2 GCUUAGCGUUGU-----NNNNNNNN--GUGGAGACCCUUGGCAC--GAAGCGCAA--ACA 148
MBFV-NC 040776.1 GCAGCGUUU---NNNNNNNN--A-GGAGACCCCUUGGCACACAAGCGGAAA--GACA 149
MBFV-NC 001563.2 AUGCCCCGCG-----NNNNNNNN--GAGGAGACCCCGUGGCA--AAAACACCA--A-AAGA 148
MBFV-NC 009942.1 AUGCCCCGCG-----NNNNNNNN--GGAGACCCCGUGCCACAAAAACACCA--ACAA 148
MBFV-NC 034151.1 UCCCGCGCUA-----NNNNNNNN-----AGACCCUUGCGACAGUGAAC--GCAAA--UAAA 145
MBFV-NC 007580.2 GUUACCCGCG-----NNNNNNNNUAGAGGAGAACCCCUUGCGUUAA--CGCAAA---C 148
MBFV-NC 000943.1 AUACCCCGCG-----NNNNNNNN-----GACCCUUCUCAAAGAACU--AA---AC 142
MBFV-NC 006551.1 AUACCCCGCG-----NNNNNNNN-----ACCCCGCA--UCAUAAGCAUCAAA---AA 141
MBFV-NC 001437.1 CUACCCCGCG-----NNNNNNNN-----UAGAGGAGACCCCGCAUUUGC--AU---CA 142
MBFV-NC 009026.2 CGGGCCAAACG-----NNNNNNNN-----CCCCUUGGCAAAACAGCAACCAAA--AAGA 149
ISFV-NC 040610.1 ACCAACCCGCU-----NNNNNNNN-----ACCCCUUGCAUUUAUUUAU 136
ISFV-NC 024017.1 ACCAAGCGUG-----NNNNNNNN-----CCCCCUGCUGAGAG--CAA 135
ISFV-NC 017086.1 UUGCCUCGCGUCU-----NNNNNNNN-----A-GAGGAGACCCCCCCAAAUAUGAAG 143
ISFV-NC 016997.1 CUGC-----NNNNNNNN-----A-GGAACCCCCCCAAAUAUGUAUG 143
MBFV-NC 002031.1 GUUCGCUCCUUGU-----NNNNNNNN-----G--AGACCCUCCGAAACAAUAUGU 141
ISFV-NC 027999.1 CUGG-----CA--NNNNNNNN-----UGGCGAAC--CAAUUGGAAAUUUUAGC 142
MBFV-NC 008719.1 AGGC-----AA--NNNNNNNN-----GAGGAGACCCUCCGAGAC--UAUAGC 143
MBFV-NC 012735.1 GAGU-----GA--NNNNNNNN-----C--CCAUUCCCUCCGAGACACAUAAGC 143
MBFV-NC 018705.3 GCAUCC-----NNNNNNNN-----CCCCCGGAAUCAAAGCAAGGCCAA 144
TBFV-NC 001809.1 CGA-----NNNNNNNN-----UCUCUUCAGGUGUUUUCUCCUCCUAUACCA 148
TBFV-NC 005062.1 CUA-----NNNNNNNN-----CUCUCUUCAGGAAAUUUCUCCUCCUAUACCA 149
TBFV-NC 003690.1 CAA-----NNNNNNNN-----CUCUCUUCAGGAAAUUUCUCCUCCUAUACCA 149
TBFV-NC 001672.1 CAA-----NNNNNNNN-----CUCUCUUCAGGAAAUUUCUCCUCCUAUACCA 149
TBFV-NC 027709.1 CAA-----NNNNNNNN-----CU-UCCUCGGGAUUUUUCCGCCUCCUAUACUA 148
TBFV-NC 003687.1 CAAAUAAGU-----NNNNNNNN-----CUAAGUAGAGGCGCGAGCG 136
NKV-NC 008718.1 CAAAAUAATAAAAG-----NNNNNNNN-----CUAAGUAGAGGCGCGAGCG 136
NKV-NC 005039.1 CCAAAAAACAAAA-----NNNNNNNN-----CU--CCUACAGUAGUUAU 134
NKV-NC 004119.1 CUUGGCGAA-----NNNNNNNN-----UUGGCUA--AGGUUCACGAGUUUG--CU 143
NKV-NC 003635.1 GGAAGGAUUG-----NNNNNNNN-----UUGGCCAAACCCGUCUGGCUUUGGCU 145
ISFV-NC 027817.1 AUCACAGG-----NNNNNNNN-----AUGUGCAGGGCAACAAGUUC 138
ISFV-NC 034204.1 GGGGAAGA-----NNNNNNNN-----CUCCAGAGCAAAACAGGGA 136
ISFV-NC 034017.1 GGCGAAGA-----NNNNNNNN-----ACCUCAGAGCAAAACAGGGA 138
ISFV-NC 008604.2 GGGGCGCG-----NNNNNNNN-----UCACCGCAAGGUGAGGGCGCACAGGA 143
ISFV-NC 024299.2 GGAGAAAA-----NNNNNNNN-----ACCGCCAAGGUGAGGGCGCACAGGA 141
ISFV-NC 021069.1 UGGAGGAA-----NNNNNNNN-----UCACCGUAAGGUGAGGGCGCACAGGA 143
ISFV-NC 012671.1 UGGAGGAG-----NNNNNNNN-----CACCGCCAAGGUGAGGGCGCACAGGA 142
ISFV-NC 027819.1 UUGAG--A-----NNNNNNNN-----AAAGGCCAUCCACGAGGCGCAACAGG 143
ISFV-NC 001564.2 CUGGGGAA-----NNNNNNNN-----CUUCAAACACUGGACGGGGCAACAGG 143
ISFV-NC 005064.1 ACCGCCG-----NNNNNNNN-----UUUCAAACCGCAGCGGGAACACAGG 141
ISFV-NC 012932.1 ACCGCCG-----NNNNNNNN-----A--AAAAUCGGGCGGAGCAACAGG 139
20.....130.....140.....150.....160.....170.....1



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MBFV-NC 012532.1 AACAGCAUA-UUGACG--UGGGA--AAGACCAGAGACUC--CAUGAGUUU-CCAC---C 194
MBFV-NC 035889.1 AACAGCAUA-UUGACG-CUGGGA--AAGACCAGAGACUC--CAUGAGUUU-CCAC---C 194
MBFV-NC 002640.1 AACAGCAUA-UUGACG-CUGGGA--AAGACCAGAGAUCC--UGCU-GUCU-CUCG---A 198
MBFV-NC 001477.1 AACAGCAUA-UUGACG-CUGGGA--AAGACCAGAGAUCC--UGCU-GUCU-CUAC---A 198
MBFV-NC 001475.2 AACAGCAUA-UUGACG-CUGGGA--AAGACCAGAGAUCC--UGCU-GUCU-CUCU---A 198
MBFV-NC 009029.2 AACAGCAUA-UUGACACCUUGGGA--AAGACUAGGGGAUU--UGCUGCU--CUGG---A 200
MBFV-NC 032088.1 AACAGCAUA-UUGACACCUUGGGA--UAGACUAGGAGAU--CGCUGCU--CUGG---A 201
MBFV-NC 012534.1 AACAGCAUA-UUGACACCUUGGGA--GAGACUAGGAGACC--CUCUGUCC--UAAC---A 197
MBFV-NC 015843.2 AACAGCAUA-UUGACACCUUGGGA--UAGACUAGGAGACC--CUCUGUCC--UAAC---A 197
MBFV-NC 009028.2 AACAGCAUA-UUGACGCGUGGGA--AAGACCGGAGAUCC--CUCUGCU--UUCU---A 196
MBFV-NC 040776.1 AACAGCAUA-UUGACACCUUGGGA--AAGACCGGAGACC--CUCUGCU--CUCG---A 197
MBFV-NC 009942.1 AACAGCAUA-UUGACACCUUGGGA--UAGACUAGGAGAU--UUCUGCU--CUGC---A 196
MBFV-NC 034151.1 AACAGCAUA-UUGACACCUUGGGA--UAGACUAGGAGAU--UUCUGCU--CUGC---A 196
MBFV-NC 007580.2 AACAGCAUA-UUGACACCUUGGGA--UAGACUAGGAGACC--CUCUGCU--AUUU---A 195
MBFV-NC 000943.1 AACAGCAUA-UUGACACCUUGGGA--AAGACUAGGAGAU--UUCUGCU--UUCU---A 195
MBFV-NC 006551.1 AACAGCAUA-UUGACACCUUGGGA--AAGACUAGGAGAU--UUCUGCU--UUCU---A 194
MBFV-NC 001437.1 AACAGCAUA-UUGACACCUUGGGA--UAGACUAGGAGAU--UUCUGCU--UUCU---A 194
MBFV-NC 009026.2 AACAGCAUA-UUGACACCUUGGGA--UAGACCGGAGAAU--UGUGCC--UCCG---A 197
ISFV-NC 040610.1 AACAGCAUA-UUGACACCAAGG-A-AAGACCGGAGAAU--ACACAUUUCUGGCACUA 192
ISFV-NC 024017.1 AAUAGCAUA-UUGACACUUGGGA--GAGACAGAGAAUAGAUUGUUGUUUACCAUGCU-G 192
ISFV-NC 017086.1 -GACUUAUA-UUGACACUUGG-A-AAGACCAGAGAUAC--UUCUGCU--UUCG---C 194
ISFV-NC 016997.1 -CUAUAUA-UUGACACUAGG-A-AAGACCGGAGAUAC--CUUUGGUUUCUGCA--C 193
MBFV-NC 002031.1 GGGACCAUA-UUGACGCCAGG-A-AAGACCGGAGUUG-UCUCUGCU--UUCU---C 192
ISFV-NC 027999.1 -U--UCAUA-UUGACACCAGGGA--AAGACCGGAGAAAC--UUCUGCU--UUCG---A 192
MBFV-NC 008719.1 -GGACCAUA-UUGACGCCUGG-A-AAGACCGGAGACAC--UUCUGAU--CUCAC---C 193
MBFV-NC 012735.1 -GGACCAUA-UUGACGCCAGG-A-AAGACCGGAGACAC--UUCUGAU--CUCAC---C 193
TBFV-NC 018705.3 CCUGGCAACCGUGAAACAGGGGAAGGACUAGAGGUU--GAGGAGACCCCUUGC--- 198
TBFV-NC 001809.1 AAUUUCCCCCUGCAAGAGGGG-----GGCGGCUU--CUUGUUCUCCUG-----A 192
TBFV-NC 005062.1 AA-UUCCCCCUCAUCUGAGGGG-----GGCGGCUU--CUUGUUCUCCUG-----A 192
TBFV-NC 003690.1 AA-UUCCCCCUGUAGAGGGG-----GGCGGCUU--CUUGUUCUCCUG-----A 192
TBFV-NC 001672.1 AA-UUCCCCCUGUAGAGGGG-----GGCGGCUU--CUUGUUCUCCUG-----A 192
TBFV-NC 027709.1 AA-UUCCCCCUGCAAGAGGGG-----GGCGGCUU--CUUGUUCUCCUG-----A 192
TBFV-NC 003687.1 AAUUUCCCCCUGAAACAGGGG-----GGCGGCUU--CUUGUUCUCCUG-----A 192
NKV-NC 008718.1 UCUAAAAC--GGAGCCUCCGUGG-GAAACAGUCCAGC--GGGACUAGAGGUUAGAGGA 192
NKV-NC 005039.1 UGCAUAUUG-UUUAUAUAGGGA--AGACGGAUUGUUUGCGGUCGCGAGAGUCCGGA 192
NKV-NC 004119.1 CCGCGUUUUUUCAAUUGCCU--AACUUGGUUUUUUGG-CGGGUCGGGAUAUUAU--A 195
NKV-NC 003635.1 CUUGUUAUUUUUCAAUUCUCCG--UU-----ACCGGG--GUGGGUGUAUUGACC--A 192
ISFV-NC 027817.1 UAACGAAUUGGUGAGUAGU--CGUACCCCCGUG--UGUGAAAACGAUUGGACU---A 192
ISFV-NC 034204.1 UUUUAUCCUUAAGGUGAUUUGGACACCCUUCUGAAUUGUUAUAAACAGUGGCG---A 193
ISFV-NC 034017.1 GAAAUUCCU--AGGUGAGUUGGCGCACCCUCCUUGAAUUGUUUAUAAAGUUGGCG---A 194
ISFV-NC 008604.2 UAGAA--UCCAGGUGACU--GACGCCACCCUCCG--AAAUUGUUAUAGUACAGAG-C---A 195
ISFV-NC 024299.2 CGAAAGUUCAGGGUGAGU--GACGACACCCCGG--AAUUGUUAUAGUAGCCAUUG-U---U 195
ISFV-NC 021069.1 UCGAAUUCUCCGGUGAGU--GACGCCACCCCGG--AAUUGUUAU--UGUGACAGG-C---U 196
ISFV-NC 012671.1 UAGAGUUCUCCGGUGAGU--GACGCCACCCCGG--AAUUGUUAU--UGUGACAGG-C---U 196
ISFV-NC 027819.1 AAGAAUUCUCCGGUGAGU--AGCCACACCCCGG--AAACGUG--AUUUAUAGUAG-A---C 195
ISFV-NC 001564.2 GAGAAAUCCCGGGG--UA--GCGAACCCUCCUUGAAUUGUAAAGUAGGGG-A---A 196
ISFV-NC 005064.1 GA-AUUUCCGGGGA--C--GCGAACCCUCCG--AAUUGUUAUAGUAGGGAA---A 194
ISFV-NC 012932.1 GAGAAAUCCCGGGGA--U--GCGAACCCUCCG--AAUUGUAAAUUAUAGGGGA---A 194
80.....190.....200.....210.....220.....230.....2



MBFV-NC 012533.1 ACACCAGCCCC--C--U 209
MBFV-NC 012532.1 ACUGCUGGCCG--CAGG 209
MBFV-NC 035889.1 ACGCUGGCCG--CAGG 209
MBFV-NC 002640.1 ACAUCAUCC-----A 209
MBFV-NC 001477.1 GCAUCAUCC-----A 209
MBFV-NC 001475.2 GCAUCAUCC-----A 209
MBFV-NC 001474.2 GCAUCAUCC-----A 209
MBFV-NC 009029.2 CUUCCUGGU----- 209
MBFV-NC 032088.1 ACCCAG-U----- 209
MBFV-NC 015843.2 ACACCAGCCAU--C-- 209
MBFV-NC 009028.2 ACACCAGCCAU--U-- 209
MBFV-NC 040776.1 ACACCAGCCAU--U-- 209
MBFV-NC 001563.2 CAACCAGCCAU--AC-- 209
MBFV-NC 009942.1 CAACCAGCCAU--AC-- 209
MBFV-NC 034151.1 ACACCAGCCAU--UC-G 209
MBFV-NC 007580.2 ACACCAGCCAU--AA-G 209
MBFV-NC 000943.1 ACAUCAGUCCAU--AAGG 209
MBFV-NC 006551.1 ACAUCAACCAU--AAGG 209
MBFV-NC 001437.1 ACAUCAGUCCAU--UAGG 209
MBFV-NC 009026.2 ACACCUCCCAU--C-- 209
ISFV-NC 040610.1 ACAACUACAAGCACAGA 209
ISFV-NC 024017.1 ACAACUACAAGCACAGA 209
ISFV-NC 017086.1 ACCAG-ACUACACGGC- 209
ISFV-NC 016997.1 ACUAAUCUUUAUUGGC- 209
MBFV-NC 002031.1 CAGAGGUUCUGAGACG 209
ISFV-NC 027999.1 GCACACACCGAAAGGCA 209
MBFV-NC 008719.1 UUUUCUACCCCUAAGC- 209
MBFV-NC 012735.1 UUUUCGACCCCUAAGC- 209
MBFV-NC 018705.3 GAGUGUACACAC-- 209
TBFV-NC 005062.1 GCCACCAUACCCAGAC 209
TBFV-NC 003690.1 GCCACCAUACCCAGAC 209
TBFV-NC 001672.1 GCCACCAUACCCAGAC 209
TBFV-NC 027709.1 GCCACCAUACCCAGAC 209
TBFV-NC 003687.1 GCCACCAUACCCAGAC 209
NKV-NC 008718.1 GACCCCCCGGCCCAUA 209
NKV-NC 005039.1 GGCCAGGCGCCGUUUG 209
NKV-NC 004119.1 UGUCCAGC-CAGA--AAA 209
NKV-NC 003635.1 CUUGCGCACAGUAUACAG 209
ISFV-NC 027817.1 GAACUAAAAGU-CAGUGU 209
ISFV-NC 034204.1 AAAAUCCAAA--GAUG- 209
ISFV-NC 034017.1 UGCCUCCAGC--AGCA- 209
ISFV-NC 008604.2 GAGUCUAUAC--AACA- 209
ISFV-NC 024299.2 UGCUCGACG--AGC-- 209
ISFV-NC 021069.1 UGCUCCGACG--AGCA- 209
ISFV-NC 012671.1 AGAAUCUAG--AUG- 209
ISFV-NC 027819.1 AGAAUCUUAU-- 209
ISFV-NC 001564.2 AGAACCCAGCUAAUUC- 209
ISFV-NC 005064.1 AGUACCCAUCU--AAGC- 209
ISFV-NC 012932.1 40.....250.....

