

MBFV-NC_009028.2 U--U----UAACACAGUCUGAAUAGUUUUUU-AGCAAGGGA-UUUCCAUGUCU---AAAA-AACCAGGAAAGUCC--GCUGCAAAGCGGACUGUCAAUUAUGC UAA 92
MBFV-NC_040776.1 U--U----UAACACAGUCUGAAUAGUUUUUU-AGCAGAGGU-ACUACCAUGUCU---AAAA-AACCAGGAGGACCC--GCCGGAAGGCGGGUUGUCAAUUAUGC UGA 92
MBFV-NC_034151.1 -----UAACACAGUGUGAAUAGUUUUUUGAACACAGGUGAAGGUGAUGUCU---AAAA-AACCAGGAGGACCC--GGAAAGAACC GGUGUGUAAUAUGCUGA 92
MBFV-NC_001563.2 A--U----UAACACAGUGCGAGCUGUUUCUUGGCAC-GAAGAUCUC-GAUGUCU---AAGA-AACCAGGAGGGCCC--GGUAAAAACCGGGCUGUCAAUUAUGC UAA 92
MBFV-NC_009942.1 A--U----UAACACAGUGCGAGCUGUUUCUUAAGCAG- GAAGAUUC- GAUGUCU---AAGA-AACCAGGAGGGGCC--GGCAAGAGCCGGGUGUCAAUUAUGC UAA 92
MBFV-NC_000943.1 -----UAACGCGUUUGAACCAAGUUUUUGAGCUUUUGAUUUCAAUGUCU---AAAA-AACCAGGAGGACCC--GGGAAGCCCGGGUGUGUCAAUUAUGC UAA 92
MBFV-NC_006551.1 ---U----UAACACAGUGCCGGCAGUUUCUUGAGC-GUUGAUUUUCAAUUGUCU---AAGA-AACCAGGAGGGCCC--GGAAGAAACCGGGCCAUCAAUUAUGCUGA 92
MBFV-NC_001437.1 ---U----UAGUGCAGUUUAAACAGUUUUUUGAACGGAAGAUAAACC-AUGACU---AAAA-AACCAGGAGGGGCC--GGUAAAAACCGGGCUAUCAAUUAUGCUGA 92
MBFV-NC_007580.2 ---U----AACUUGACUGCGAACAGUUUUUAGCAGGGAAU-UACCCAAUGUCU---AAAA-AACCAGGAAAACCC--GGUAGAAACCGGGUUGUCAAUUAUGC UAA 92
MBFV-NC_012534.1 CCGU---AAACACAGUUUGAAC-GUUUUUUGGAGAGAGAUUAU---AUGUUUAAACAAA-AACCAGGAAAACCC--GGGGCAACCCGGGUUGUCAAUUAUGC UAA 95
MBFV-NC_015843.2 ACGU---AAACACAGUUUGAAC-GUUUUUUGGAUAGAGACAACU---AUGUCUAAACAAA-AACCAGGAAGACCC--GGCUCAGGCCGGGUUGUCAAUUAUGC UAA 95
MBFV-NC_009029.2 UGAUUACAUAACACAGUGUGAACAGUUUUUUGAACAG---C---AAUGACC---AAAA-AACCAGGAAGGCC--GGUAGAAAUCCGGGCCUGUCAAUUAUGC UAA 92
MBFV-NC_032088.1 UC---UAUAACUCAGUGUGAACCAAGUUUUUUGAUCAGUGGAU---AAUGACU---AAAA-AACCAGGAAGUCC--GGCAAUCGUCGGACUGUCAAUUAUGC UAA 92
MBFV-NC_009026.2 AG-----AAAAGUUUUCGAGGAAAGACGAGAAGCGAAUUCUCUG-AAUGGCU---AGAA-AACCAGGAAGACCC--GGAGGAAACCGGGUCUGUCAAUUAUGC UAA 92
MBFV-NC_012532.1 AACAGGUUU-----AAUUUGGAUUUGGAAACGAGAG-UUUCUGGUCAUGAAAAA-CCCA-AAAAAGAAU-CC--GGAGGA-UCCGGAUUGUCAAUUAUGC UAA 92
MBFV-NC_035889.1 ACAGGUUUU-----AUUUUGGAUUUGGAAACGAGAG-UUUCUGGUCAUGAAAAA-CCCA-AAAAAGAAU-CC--GGAGGAUUCGGAUUGUCAAUUAUGC UAA 92
MBFV-NC_012533.1 AACAGUUUU-----CGUUUGAGAAAGAAACAGAU-UUUUCGGAUUGAAAAA-CCCA-AAAAAGG-----GCCGCAUCGCGGCCUUAUCAAUUAUGCUGA 86
MBFV-NC_002640.1 -----UCUA-ACAGUUUGUUUGAAUAGAGAGCAGAUUCUCUGGAAAAAUG---AA-CCA-ACGAAAAAG-GU--G-GUUAGACCACCUUUCAAUUAUGCUGA 86
MBFV-NC_001474.2 -CGUAGUUCUA-ACAGUUU-UUUAAUUAGAGAGCAGAUUCUCUG---AUGAAUA-CCA-ACGGAAAAAG-GC--G-G-AAAAACACGCCUUUCAAUUAUGCUGA 89
MBFV-NC_001477.1 ACGUAGUUCUA-ACAGUUU-UUU-AUUAGAGAGCAGAUUCUCUG---AUGAACAA-CCA-ACGGAAGAAAG-AC--G-GGUCGACCGUCUUUCAAUUAUGCUGA 89
MBFV-NC_001475.2 ACGUAGUGCUG-ACAGUUU-UUU-AUUAGAGAGCAGAUUCUCUG---AUGAACAA-CCA-ACGGAAGAAAG-AC--G-GGAAAACCGUCUAUCAAUUAUGCUGA 89
MBFV-NC_002031.1 UAAUCGUUCGUUGAGCGAUUAGCAG---AGAACUGAC-CAGAACAUGUC-----UGGUCGUAAAGCUCAGGGAAAAACCCUGGGCGUCAAUUAUGGU-A 88
MBFV-NC_012735.1 -UUUCUACUGAAAGGAGUAGAA-AGGAGAUUCAUUCCTCAUUGGCAACAAAGG-GGAUGAAUAAGUCUCGGGUCGAUCCCGAGGCGUCAAUUAUGGUAG 98
MBFV-NC_008719.1 AUUUUCACUGAAAGG-GUAGAGAAA-AGGAGUUUGCUUCUAGGCAACAAAGAG-GAGCAAGCAAGUCUCGGGUCGACGCCGGGGCGUCAAUUAUGGUGA 98
TBFV-NC_027709.1 --GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGGCAGGAAGUCCAUCUGAAAGGUAAGGGGGGCGUCCCCUCGACGAGUGUCGAA 99
TBFV-NC_001672.1 --GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGUCAAGAAGGCCAUUCUGAAAGGUAAGGGGGGCGUCCCCUCGACGAGUGUCGAA 99
TBFV-NC_001809.1 --GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGGCAGGAAGGCCAUUCUGAAAGGUAAGGGGGGCGUCCCCUCGACGAGUGUCGAA 99
TBFV-NC_005062.1 --GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGCCGGGAAGGCCAUUCUGAAAGGUAAGGGGGGCGUCCCCUCGACGAGUGUCGAA 99
TBFV-NC_003690.1 --GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGCCGGGAAGGCCAUUCUGAAAGGUAAGGGGGGGGCGUCCCCUCGACGAGUGUCGAA 99
TBFV-NC_003687.1 -----AGAAAAGACAGCUUAGGAGAACAAAGAGCUGGGGAGUGGUUAG-----AUGACCACUUCUAAAGGUAAGGGGGGCGUCCCCUAGGCGCAAGCUAA 93
MBFV-NC_018705.3 CCGU---AAACACAGUUUGAACGUUUUUUGGAGAGAGACUACU---AUGUCAAACAAA-AACCAGGAAGACCC--GGGGCAACCCGGGUUGUCAAUUAUGC UAA 95
.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....



MBFV-NC_009028.2 AACGCCCUGGCUAGCGUGU-----NNNNNNNN--GUGGAGACCCUCAGCAC-CAAGCGCGAA--ACAAACAGCAUAUUGACGCUGGGAA--AGACCGGGAUCC 185
MBFV-NC_040776.1 AACGCCCAGCCAGCGUU-----NNNNNNNN--A-GGAGACCCCUUGGCACACAAGCGCAA-GACAAACAGCAUAUUGACACUGGGAA--AGACCGGAGACCC 186
MBFV-NC_034151.1 AGCGCACAUCCCCGCGUA-----NNNNNNNN-----AGCCCCUUGGCAGUGAA-CGCAAA-UAAAAACAGCAUAUUGACACUGGGAU--AGACUGGAGACCC 182
MBFV-NC_001563.2 AACGCGGUAUGCCCCGCG-----NNNNNNNN--GAGGAGACCCGUGCCA-AAAACACCA-A-AAGAAACAGCAUAUUGACACCUGGGA--UAGACUAGGGAUCU 185
MBFV-NC_009942.1 AACGCGGAAUGCCCCGCG-----NNNNNNNN--GGAGACCCCGUCCACAAAACACCACA-ACAAAACAGCAUAUUGACACUGGGA--UAGACUAGGGAUCU 185
MBFV-NC_000943.1 AACGCGGCAUACCCCGCG-----NNNNNNNN-----GACCACUUCUCAAAGCAUC-AA-AC--AACAGCAUAUUGACACUGGGAA-AAGACUAGGGAUCU 180
MBFV-NC_006551.1 AACGCGGCAUACCCCGCG-----NNNNNNNN-----ACCCCGCA-UCAUAAGCAUCAAA-AA--AACAGCAUAUUGACACUGGGAAUAGACUAGGGAUCU 180
MBFV-NC_001437.1 AACGCGGCCUACCCCGCG-----NNNNNNNN-----UAGAGGAGACCCCGCAUUGCAUC-A--AACAGCAUAUUGACACUGGGAAU-AGACUGGGAUCU 180
MBFV-NC_007580.2 AACGCGGCGUAUCCCGCG-----NNNNNNNNUAGAGGAGACCCCUUGCCGUUAA-GC-AAACAACAGCAUAUUGACACUGGAAAGAA--CAGGAGAUCC 183
MBFV-NC_012534.1 AGCGCGGUGCAUCC-----NNNNNNNN--GGAGACCCCUUGCGAGUUAACACCAAA-ACAAAACAGCAUAUUGACACUGGGA--GAGACUAGGAGACCC 185
MBFV-NC_015843.2 AGCGCGGAACGUCC-----NNNNNNNN--AGGAGACCCUUGCGAGUGAACACCACA-A-GAAACAGCAUAUUGACACUGGGA--UAGACUAGGAGACCC 185
MBFV-NC_009029.2 AGCGCGGUGCGUCCCGCG-----NNNNNNNNAGAGG--AGACCCUCCCAAAAGAGCGCAAAACACAAAACAGCAUAUUGACACUGGGAA--AGACUAGGGGAUUU 189
MBFV-NC_032088.1 AGCGCGGAGCAUCCCGCG-----NNNNNNNNAGAGGUUAGAGGAGACCCCAUACCGCAAA-ACAAAACAGCAUAUUGACACUGGGAU--AGACUAGGGAUCC 190
MBFV-NC_009026.2 AGCGUACGGCGGCCAACG-----NNNNNNNNCCCCUUG---GCAAAACAGUUAACGCACCAAAGAAACAGCAUAUUGACACUGGGA--UAGACCGG-AGAAUU 185
MBFV-NC_012532.1 AACGCGGAGUAGCCCGUG-----NNNNNNNN-----GDUAGAGGAGACCCCGGAAACGCAAAACAGCAUAUUGACG-UGGGAA--AGACAGAGACU-C 180
MBFV-NC_035889.1 AACGCGGAGUAGCCCGUG-----NNNNNNNN-----GUAGAGGAGACCCCGGAAACGCAAAACAGCAUAUUGACG-CUGGGA--AGACAGAGACU-C 180
MBFV-NC_012533.1 AGCGCUUUGGAUCUAGCGUGGCCNNNNNNNN-----GAGACCCCGCGCGCCCAUAAACAGCAUAUUGACACUGGGAA--AGACCGGAGACUCU 183
MBFV-NC_002640.1 AACGCGAGAGAAACCGCGUAUCAANNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCAACA--CAAAAACAGCAUAUUGACG-CUGGGAA--AGACAGAGA-UCC 185
MBFV-NC_001474.2 AACGCGAGAGAAACCGCGUGU--NNNNNNNN--CUAGAGGUUAGAGGAGACCCCCC-GAAACAAAAACAGCAUAUUGACG-CUGGGAA--AGACAGAGA-UCC 185
MBFV-NC_001477.1 AACGCGGAGAAACCGCGUGU--NNNNNNNN--UAGAGGUUAGAGGAGACCCCGCACAAACAGCAUAUUGACG-CUGGGAG--AGACAGAGA-UCC 185
MBFV-NC_001475.2 AACGCGUGAGAAACCGUGUGU--NNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCG--CAAAUAAAAACAGCAUAUUGACG-CUGGGAG--AGACAGAGA-UCC 185
MBFV-NC_002031.1 --CGACGAGGAGUUCGCUCCUUGUNNNNNNN--GAGACCCUCCAGGGAACAAAUUGUGGGACCAUUGACGCGAGGAA--AGACCGG-AGUGGU 177
MBFV-NC_012735.1 --CGGCUAAG-----GUGANNNNNNN--C-CCAUCCUCCGAGCACAUAGC-GGACCAUUAUGACGCGAGGAA--AGACCGG-AGACAC 178
MBFV-NC_008719.1 --CGGCCAAG-----GCCANNNNNNN--GAGGAGACCCUCCCGAGCAC-UAUAGC-GGACCAUUAUGACGCGUGGGAA--AGACCGG-AGACAC 178
TBFV-NC_027709.1 AGAGACCGCAA-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCU-----AUACCAA-UUCCCCUCGAC--AGAGGGGGGCGGU 177
TBFV-NC_001672.1 AGAGACCGCAA-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCU-----AUACCAA-UUCCCCUCGUG--AGAGGGGGGCGGU 177
TBFV-NC_001809.1 AGAGACCGCA-----NNNNNNNN-UCUCUUCAGGGUUUUUCCUCCUCCU-----AUACCAA-UUCCCCUCGAC--AGAGGGGGGCGGU 177
TBFV-NC_005062.1 AGAGACCGCUA-----NNNNNNNNCUCUCUUCAGGAAAUUCCUCCUCCU-----AUACCAA-UUCCCCUCUUC--UGAGGGGGGCGGU 177
TBFV-NC_003690.1 AGUGCCCCCAA-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCU-----AUACCAA-UUCCCCUCGUC--AGAGGGGGGCGGU 177
TBFV-NC_003687.1 AGUGACCGCAAUUAAGU-----NNNNNNNN-UCUCCGGGAUUUUUCCGCUCCU-----AUACCAA-UUCCCCCAGGA--ACUGGGGGGCGGU 177
MBFV-NC_018705.3 AGCGCGGCGCAUCC-----NNNNNNNNCCCCGCGGAAAUCAAAGCAAGGCCCAACCUG--GCAAAGCUGUAAACCAGGGGAAGGACUAGAGGUUAGAGGAGAC 191
..110.....120.....130.....140.....150.....160.....170.....180.....190.....200.....210..



MBFV-NC_009028.2 U-CUGCUU---UCCAUCACAGCCACUAGGACAGAUCCCGC--AAGUAGUGGCUG-GUGGUGAA--AAACACAUGGAUCU 258
MBFV-NC_040776.1 U-CUGCUC---UGCAACACAGCCACUAGGACAGAUCCCGA--AAUCUGUGGCUG-GUGCUGCA--AAACACA-GGAUCU 258
MBFV-NC_034151.1 U-CUGCUUA-UUUUAACACAGCCACUCCGACAGAACCCGU--AAGU-GUGGCUG-GUGGUGAAAAUAAACACA-GAGUCU 258
MBFV-NC_001563.2 U-CUGCUCU---GCACAACAGCCACACGGACAGUGCCCGA--CAUAGUGGCUG-GUGGUGC--UAGAACACA-GGAUCU 258
MBFV-NC_009942.1 U-CUGCUCU---GCACAACAGCCACACGGACAGUGCCCGA--CAAUGUGGCUG-GUGGUGC--GAGAACACA-GGAUCU 258
MBFV-NC_000943.1 U-CUGCUCU-AUUCCAACAUCAAGGACAGGACCGA--ACACUGGACUG-AUGGGGGAGAAGACCACA-GGAUCU 258
MBFV-NC_006551.1 U-CUGCUCU-AUUCCAACAUCAACCACAAGGACAGAGCCCGA--AAAUUGUGGCUG-GUGGGGAACUAGACCACA-GGAUCU 258
MBFV-NC_001437.1 U-CUGCUCU-AUCUCAACAUCAAGGACAGAGCCCGA--AGUAGUGGACUG-GUGGUGAGGAAGAACACA-GGAUCU 258
MBFV-NC_007580.2 C-CUGCUUU---UUCAACACAGCCACAAGGACAGAGCCCGU--AAAGUUGGCUG-GUGGUGAA-AAAAUCACA-GGAUCU 258
MBFV-NC_012534.1 U-CUGUCCU-AA--CAACACAGCCAUCCGGACAGAGCCCGU--AAG-UGUGGCUG-GUGGUG--GUAGAACACA-GUGUCU 258
MBFV-NC_015843.2 U-CUGUCCU-AA--CAACACAGCCAUUUGACAGAUCCCGA--AAG-UGUGGCUG-GUGGUG--GUAGAACACA-GGAUCU 258
MBFV-NC_009029.2 G-CUGCUC-----UGGACUUCGGCUCUGGACAGAACCCGU--UGA-GGAGCCG-AGGCCAA---AACAC-CGAUCU 258
MBFV-NC_032088.1 G-CUGCUC-----UGGAACCCAGUUCUAGGACAGAACCCG--UAA-UGAACGG-GGUGCCAA---AACAC-CGAUCU 258
MBFV-NC_009026.2 ---UGCUGC-CUCGCAACACUCCACCCGGACAGAACCCGA--CA-UGGUGGGAG-GGUCGUAAAGACACCA--GAUUCU 258
MBFV-NC_012532.1 CAUGAGUUU-CCACCACGUCGCGCCGA-GGACAGAUCCCGA--ACUUCGCGCGCG-GGUGUGGG-GAAAUCAUGGUUUCU 258
MBFV-NC_035889.1 CAUGAGUUU-CCACCACGUCGCGCCGA-GGACAGAUCCCGA--AUAGCGCGCGCG-GGUGUGGG-GAAAUCAUGGUUUCU 258
MBFV-NC_012533.1 GUUGGCUUU-CC-CCACACGACCCCCU-GGACAGAGCCCG--AGAUCGGGGGU-GGUGUGGA-GCAACCACAGGACU 258
MBFV-NC_002640.1 UGCUGUCUC---UGCAACAUAUCCA-GGACAGAGCCCGC--AAGAUGGAUUG-UGUUGU--UGAUCCAACAGGUUCU 258
MBFV-NC_001474.2 UGCUGUCUC---CUCAGCAUAUCCA-GGACAGAACCCAG--AAAAUGGAAUG-UGCUGU--UGAAUCAACAGGUUCU 258
MBFV-NC_001477.1 UGCUGUCUC---UACAGCAUAUCCA-GGACAGAACCCAA--AAAAUGGAAUG-UGCUGU--UGAAUCAACAGGUUCU 258
MBFV-NC_001475.2 UGCUGUCUC---CUCAGCAUAUCCA-GGACAGAACCCAG--AAAAUGGAAUG-UGCUGU--UGAAUCAACAGGUUCU 258
MBFV-NC_002031.1 UCUCUGCUU-UUCCUCCAGAGUGUCU-GAGACAGUUUCUCAAAGAAUAGCAGACC-UUUGGAUGACAAACACAAACCACU 258
MBFV-NC_012735.1 UCCUUGAUU-CUCACCUUUCUGCCCUAAGACAGAUUCUU--GAAUGACGGCGG-GGAAGUUGAGAACCAACUAGUGUCU 258
MBFV-NC_008719.1 UCCUUGAUU-CUCACCUUUCUACCCCUAAGACAGAUUCUU--GAAUGACGGGUGG-GGAAGUUGGGAACCAACUAGUGUCU 258
TBFV-NC_027709.1 UCUGUUCUCCUCUGAGCCACCAUACCCAGACAGAUUUCUGACAAGGAGUGAUCUGUGACUCGGAAAAACAC--CCGU 258
TBFV-NC_001672.1 UCUGUUCUCCUCUGAGCCACCAUACCCAGACAGAUUUCUGACAAGGAGUGAUCUGUGACUCGGAAAAACAC--CCGU 258
TBFV-NC_001809.1 UCUGUUCUCCUCUGAGCCACCAUACCCAGACAGAUUUCUGACAAGGAGUGAUCUGUGACUCGGAAAAACAC--CCGU 258
TBFV-NC_005062.1 UCUGUUCUCCUCUGAGCCACCAUACCCAGACAGGCAUCUACAAGGAGUGAUCUGUGACUCGGAAACACAC--CCGU 258
TBFV-NC_003690.1 UCUGUUCUCCUCUGAGCCACCAUACCUAGAACAGAUUUCUGAAAAGGAGUGAUCUGUGUCUCGGAAAAACAC--CCGU 258
TBFV-NC_003687.1 UCUGUUCUCCUCUGAGCCACCAUACCUAGAAGGAGUGAUCUGUGACUCGGAAAAACAC--CCGU 258
MBFV-NC_018705.3 CCCU-----UGCGAGGAACACACAAAAACAUAUUGACACCUUGGGAAGACUAGGAGACCCUC-----UGU 258
.....220.....230.....240.....250.....260.....270.....280.....290.....

