

MBFV-NC_012532.1 ----AUUUGGAUUUGGA----AACGAGAG-UUUCUGGUCAUGAAAAACCCCAAGAA**GAA** 51
MBFV-NC_035889.1 ----UUUUGGAUUUGGA----AACGAGAG-UUUCUGGUCAUGAAAAA-CCCAAAAA**GAA** 50
MBFV-NC_012533.1 ----GUGUUGAGAAAGA----AAACAGAU-UCUUCGGAAAUGAAAA--CCCAAAAA**GG**- 48
MBFV-NC_002640.1 -----UGUUUGAAUAGA----GAGCAGAUCUCUGGAAAAAUG---AA--CCAACGA**AAA** 46
MBFV-NC_001477.1 AACAGUUUUUUAAUAGA----GAGCAGAUCUCUG-----AUGAACAA--CCAACGG**AAA** 49
MBFV-NC_001475.2 GACAGUUUUUUAAUAGA----GAGCAGAUCUCUG-----AUGAACAA--CCAACGG**AGA** 49
MBFV-NC_001474.2 ACAGUUUUUUAAUAGA----GAGCAGAUCUCUG-----AUGAAUAA--CCAACGG**AAA** 49
MBFV-NC_001437.1 -----UUAACAGUUUUUAGA-ACGGAAGAUAAACCAUGACU---AAAA**AA**CC**GGA** 48
MBFV-NC_034151.1 ----UGAAUA-----GUUUUUUGAACAGAGGUGAAAAACCAUGUCU---AAAA**AA**CC**GGA** 48
MBFV-NC_012534.1 ----AGUUUGAAC--GUUUUUUGGAGAGA----GAUUAUUAGUUUAACAAAA**AA**CC**GGA** 51
MBFV-NC_015843.2 ----AGUUUGAAC--GUUUUUUGGAUAGA----GACAACUAUGUCUAACAAAA**AA**CC**GGA** 51
MBFV-NC_009029.2 ACACAGUGUGAACAGUUUUUUGAACAG-----CAAUGACC---AAAA**AA**CC**GGA** 48
MBFV-NC_032088.1 ----AGUGUGAACAAAGUUUUUUGAUCAGUGG-----AUAAUGACU---AAAA**AA**CC**GGA** 48
MBFV-NC_009026.2 -----UCGAGGAAAGACGAGAAGCGAAUUCUCUG---AAUGGCU---AGAA**AA**CC**GGA** 48
MBFV-NC_007580.2 -----GCGAACAGUUUUUAGC-AGGGAAUUAACCAUGUCU---AAAA**AA**CC**GGA** 48
MBFV-NC_009028.2 -----U-CUGAAUAGUUUUUAGC-A-AGGGAUUUCCCAUGUCU---AAAA**AA**CC**GGA** 48
MBFV-NC_040776.1 -----U-CUGAAUAGUUUUUAGC-A-GAGGUACUACCAUGUCU---AAAA**AA**CC**GGA** 48
MBFV-NC_001563.2 -----U-GCGAGCUGUUUCUUGGC-ACGAAGAUCU-CGAUGUCU---AAG**AA**CC**GGA** 48
MBFV-NC_009942.1 -----U-GCGAGCUGUUUCUAGC-ACGAAGAUCU-CGAUGUCU---AAG**AA**CC**GGA** 48
MBFV-NC_000943.1 -----UGAACAGUUUUUUGGAGCUUUUGAUUUCAA**AA**UGUCU---AAAA**AA**CC**GGA** 48
MBFV-NC_006551.1 -----GCCGGCAGUUUCUUGAGC-GUUGAUUUUCA**AA**UGUCU---AAG**AA**CC**GGA** 48
MBFV-NC_012735.1 ----AAGGAGUAGAAG-----AAAGGAGAUUCAUCCCAUGGCAACAAGGGG**GAUGAAU** 51
MBFV-NC_008719.1 ---AAAGGGUAGAGA-----AAAGGAGUUUGCUUCUACUGGCAACAAGAGG**GAAGC** 51
MBFV-NC_002031.1 UUGAGCGAUUAGCAG-----AGAACUGACCAGAAC--AUGUC-----UGGUC**GU** 42
.....10.....20.....30.....40.....50.....6



MBFV-NC_012532.1 AU--CC--**GG**GAGGA-UC**CG**GAUUGU**CAAAU**UGCUAAAACGCGGAGUAGCCCGUG----- 100
MBFV-NC_035889.1 AU--CC--**GG**GAGGAUUC**CG**GAUUGU**CAAAU**UGCUAAAACGCGGAGUAGCCCGUG----- 100
MBFV-NC_012533.1 -----**CC**CGCAUCG**CG**CCCUA**UCAAUA**UGCUGAAGCGCUUUGGAUCUAGCGCUGGC 99
MBFV-NC_002640.1 AG--GU--**G**--GUUAGAC**CAC**CUU**UCAAUA**UGCUGAAACGCGAGAGAAACCGCGUAUCA 99
MBFV-NC_001477.1 AG--AC--**G**--GGUCGA**CG**UCU**UCAAUA**UGCUGAAACGCGCGAGAAACCGCGUGU-- 100
MBFV-NC_001475.2 AG--AC--**G**--GGAAAA**CG**UCUA**UCAAUA**UGCUGAAACGCGUGAGAAACCGUGUGU-- 100
MBFV-NC_001474.2 AG--GC--**G**--AAAAACACGCCU**UCAAUA**UGCUGAAACGCGAGAGAAACCGCGUGU-- 100
MBFV-NC_001437.1 GGGCCC--**GG**UAAAAAC**GGG**CUA**UCAAUA**UGCUGAAACGCGGCCUACCCCGCG-- 100
MBFV-NC_034151.1 GGACCC--**GG**AAAGAAC**GGG**UCGU**AAUA**UGCUAAGCGCACAUCCCGCGUA----- 100
MBFV-NC_012534.1 AAACCC--**GG**GGCAACC**GGG**UUGU**CAAAU**UGCUAAAGCGCGGUGCAU-----CCC----- 100
MBFV-NC_015843.2 AGACCC--**GG**CUCAGGC**GGG**UUGU**CAAAU**UGCUAAAGCGCGGAACGU-----CCC----- 100
MBFV-NC_009029.2 AGGCC--**GG**UAGAAAU**GGG**CCGU**CAAAU**UGCUAAAGCGCGGUGCGUCCCGCG----- 100
MBFV-NC_032088.1 AAGUCC--**GG**CAAUCGU**GG**ACUGU**CAAAU**UGCUAAAGCGCGGAGCAUCCCGCG----- 100
MBFV-NC_009026.2 AGACCC--**GG**GAGGAAAC**GGG**UCGU**CAAAU**UGCUAAAGCGUACGGCGGCCAACG----- 100
MBFV-NC_007580.2 AAACCC--**GG**UAGAAAC**GGG**UUGU**CAAAU**UGCUAAAGCGCGGCGUAUCCCGCG----- 100
MBFV-NC_009028.2 AAGUCC--**GG**UGCAAAG**GG**ACUGU**CAAAU**UGCUAAAGCGCUGGCUAGCGUGU----- 100
MBFV-NC_040776.1 GGACCC--**GG**CGGAAGG**GGG**UUGU**CAAAU**UGCUAAAGCGCCAGCCAGCGUUU----- 100
MBFV-NC_001563.2 GGGCCC--**GG**UAAAAAC**GGG**CUGU**CAAAU**UGCUAAAGCGCGUAUGCCCCGCG----- 100
MBFV-NC_009942.1 GGGCCC--**GG**CAAGAGC**GGG**CUGU**CAAAU**UGCUAAAGCGGGAUUGCCCCGCG----- 100
MBFV-NC_000943.1 GGACCC--**GG**GCAAGCCC**GGG**UCGU**CAAAU**UGCUAAAGCGCGGCAUACCCCGCG----- 100
MBFV-NC_006551.1 GGGCCC--**GG**AAGAAAC**GGG**CAU**CAAAU**UGCUAAAGCGGGCAUACCCCGCG----- 100
MBFV-NC_012735.1 AAGUCUCGG**CG**CUCGAUCC**CG**AGGCGU**CAAAU**UGGUAG--CGGCUAGAGU-----GA-- 100
MBFV-NC_008719.1 AAGUCUCGG**CG**UC-ACGAC**CGG**CGCU**CAAAU**UGGUGAGCGGCCAAGGC-----CA-- 100
MBFV-NC_002031.1 AAAGCUCAG**GG**AAAAACC**UGG**GGCU**CAAAU**UGGUACGACGAGGAGUUCGCUCCUUGU-- 100
0.....70.....80.....90.....100.....110.....1



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MBFV-NC_012532.1 -NNNNNNNNCCCCGAAAACGCAAAACAGC**AUAU**UGACG---UG**GG**GA--AAGAC**C**AGAGAC 154
MBFV-NC_035889.1 -NNNNNNNN-CCCGGAAAACGCAA--ACAG**CAUAU**UGAGCGCUG**GG**GA--AAGAC**C**AGAGAC 154
MBFV-NC_012533.1 CNNNNNNNNA--UAACCAACAUAAAACAGC**AUAU**UGACAC-CUG**GG**GA--AAGAC**C**AGAGAC 154
MBFV-NC_002640.1 ANNNNNNNNNCCCCCAACACA-AAAACAGC**AUAU**UGACG---CUG**GG**GA--AAGAC**C**AGAGAU 154
MBFV-NC_001477.1 -NNNNNNNNCCCCGCAACAA-CAAACAGC**AUAU**UGACG---CUG**GG**GA--GAGAC**C**AGAGAU 154
MBFV-NC_001475.2 -NNNNNNNNCCCCCGCAAAUA-AAAACAGC**AUAU**UGACG---CUG**GG**GA--GAGAC**C**AGAGAU 154
MBFV-NC_001474.2 -NNNNNNNNCCCCCGAAACAA-AAAACAGC**AUAU**UGACG---CUG**GG**GA--AAGAC**C**AGAGAU 154
MBFV-NC_001437.1 -NNNNNNNN-CAUAUUGACAC-CUG**GG**GAA-UAGACU**GGG**GAGA 137
MBFV-NC_034151.1 -NNNNNNNN-GAACGCAAAUA-AAAACAGC**AUAU**UGACAC-CUG**GG**GA--UAGACU**GGG**GAGA 154
MBFV-NC_012534.1 -NNNNNNNN-AACACCAAAAC-AAAACAGC**AUAU**UGACAC-CUG**GG**GA--GAGACU**AGG**GAGA 154
MBFV-NC_015843.2 -NNNNNNNN-GAACACCACAA-GAAACAGC**AUAU**UGACAC-CUG**GG**GA--UAGACU**AGG**GAGA 154
MBFV-NC_009029.2 -NNNNNNNN-AGCGCAAAAC-AAAACAGC**AUAU**UGACAC-CUG**GG**GA--AAGACU**AGG**GGGA 154
MBFV-NC_032088.1 -NNNNNNNN-UACCGCAAAAC-AAAACAGC**AUAU**UGACAC-CUG**GG**GA--UAGACU**AGG**GAGA 154
MBFV-NC_009026.2 -NNNNNNNN-ACGCACCAAAA-GAAACAGC**AUAU**UGACAC-CUG**GG**GA--UAGAC**CGG**GAGAA 154
MBFV-NC_007580.2 -NNNNNNNNCCGUAAACGCAA-ACAACAGC**AUAU**UGACAC-CUG**G**---AAAGAC**AGG**GAGA 153
MBFV-NC_009028.2 -NNNNNNNNNCCAGCGCAA-A-CAAACAGC**AUAU**UGACGC-CUG**GG**GA--AAGAC**CGG**GAGA 154
MBFV-NC_040776.1 -NNNNNNNN-AAGCGCAAAGA-CAAACAGC**AUAU**UGACAC-CUG**GG**GA--AAGAC**CGG**GAGA 154
MBFV-NC_001563.2 -NNNNNNNN-AAACACCAAAA-GAAACAGC**AUAU**UGACAC-CUG**GG**GA--UAGACU**AGG**GGGA 154
MBFV-NC_009942.1 -NNNNNNNN-AACACCACAA-AAAACAGC**AUAU**UGACAC-CUG**GG**GA--UAGACU**AGG**GAGA 154
MBFV-NC_000943.1 -NNNNNNNNAAG-CAUCA-ACAACAGC**AUAU**UGACAC-CUG**GG**GAA-AAGACU**AGG**GAGA 155
MBFV-NC_006551.1 -NNNNNNNNUAAGC-AUCAAA-AAAACAGC**AUAU**UGACAC-CUG**GG**GAUUAGACU**AGG**GAGA 156
MBFV-NC_012735.1 -NNNNNNNNCCGAGCACAUAGC-GGACC**AUAU**UGACGC-CAG**GG**GA--AAGAC**CGG**GAGAC 155
MBFV-NC_008719.1 -NNNNNNNNCCGAGCAC-UUAGC-GGACC**AUAU**UGACGC-CUG**GG**GA--AAGAC**CGG**GAGAC 154
MBFV-NC_002031.1 -NNNNNNNN-AGGGAACAAUAGUGGG**ACC****AUAU**UGACGC-CAG**GG**GA--AAGAC**CGG**GAGUG 155
20.....130.....140.....150.....160.....170.....1



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MBFV-NC_012532.1 U**CC**CAUGAGUUUCC----- 167
MBFV-NC_035889.1 U**CC**CAUGAGUUUCC----- 167
MBFV-NC_012533.1 UC**UGU**UGGGCUUUC----- 167
MBFV-NC_002640.1 CC**UGC**UGUCUCUG----- 167
MBFV-NC_001477.1 CC**UGC**UGUCUCUA----- 167
MBFV-NC_001475.2 CC**UGC**UGUCUCCU----- 167
MBFV-NC_001474.2 CC**UGC**UGUCUCCU----- 167
MBFV-NC_001437.1 UC**UUC**UGCUCUAUCUCAACAUCAGCUACUA 167
MBFV-NC_034151.1 CC**CUC**UGC-UUAUU----- 167
MBFV-NC_012534.1 CC**CUC**UGU-CCUAA----- 167
MBFV-NC_015843.2 CC**CUC**UGU-CCUAA----- 167
MBFV-NC_009029.2 UU**UGC**UGC-UCUGG----- 167
MBFV-NC_032088.1 U**CCG**CUGC-UCUGG----- 167
MBFV-NC_009026.2 UU**UGC**UGCCUC-GC----- 167
MBFV-NC_007580.2 U**CC**CCUGCUUUUUC----- 167
MBFV-NC_009028.2 U**CC**CUGC-UUUC----- 167
MBFV-NC_040776.1 CC**CUC**UGC-UCUGC----- 167
MBFV-NC_001563.2 UC**UUC**UGC-UCUGC----- 167
MBFV-NC_009942.1 UC**UUC**UGC-UCUGC----- 167
MBFV-NC_000943.1 UC**UUC**UGCUCU--A----- 167
MBFV-NC_006551.1 UC**UUC**UGCUCU----- 167
MBFV-NC_012735.1 AC**UCC**UUGAUUC----- 167
MBFV-NC_008719.1 AC**UCC**UUGAUUC----- 167
MBFV-NC_002031.1 GU**UC**CUCUGCUU-U----- 167
80.....190.....200.....

