

MBFV-NC_002031.1	-----UUGAGCGAUUAGCAG-AGAACUGACCAGA-----ACAUGUCUGGU-----CGUAA	44
MBFV-NC_002640.1	-----UGUUUGAAUAGAGA-GCAGA-UCUCUGG-----AAAAAUG--AA--CCA--ACGAA	43
MBFV-NC_001477.1	AA-CAGUUUUUUAAUAGAGA-GCAGA-UCUCUGG-----AUGAACAA--CCA--ACGGA	46
MBFV-NC_001475.2	GA-CAGUUUUUUAAUAGAGA-GCAGA-UCUCUGG-----AUGAACAA--CCA--ACGGA	46
MBFV-NC_001474.2	AC-AGUUUUUUAAUAGAGA-GCAGA-UCUCUGG-----AUGAAUAA--CCA--ACGGA	46
MBFV-NC_012532.1	-----AUUUGGAUUUGGAAAC-GAGAG-UUUCUGG-----UCAUGAAAAACCCCA--AAGAA	48
MBFV-NC_035889.1	----U-UUUGGAUUUGGAAAC-GAGAG-UUUCUGG-----UCAUGAAAAA-CCCA--AAAAA	47
MBFV-NC_012533.1	-----GUGUUGAGAAAGAAA-ACAGAUAUCUUCGG-----AAAUGAAAAAC--CCA--A--A	43
MBFV-NC_009029.2	ACACAGUGUGAACAGUUUUUUUGAACACAGA-----AUGACC-AAAAAAC--CAGG	47
MBFV-NC_032088.1	-----AGUGUGAACAGUUUUUUUGAUCAGUGGAU-----AAUGACU-AAAAAAC--CAGG	47
MBFV-NC_012534.1	----AGUUUGAACGUUUUUUUGGAGAGAGAUUAU-----UAUGUUUUAACAAAAAACCAGG	50
MBFV-NC_015843.2	----AGUUUGAACGUUUUUUUGGAGAGAGACAAC-----UAUGUCUAAACAAAAAACCAGG	50
MBFV-NC_007580.2	GC--GAACAGUUUUU-AGC-AGGGAAUUACCC-----AAUGUCUAAAAAA--CCAGG	47
MBFV-NC_009028.2	UC-UGAAUAGUUUUUAGCA-AGGGAUUUCCC-----AUGUCUAAAAAA--CCAGG	47
MBFV-NC_040776.1	UC-UGAAUAGUUUUUAGCA-GAGGUACUACC-----AUGUCUAAAAAA--CCAGG	47
MBFV-NC_000943.1	-U-GAACAGUUUUUGGAGCUUUUGAUUUCAA-----AUGUCUAAAAAA--CCAGG	47
MBFV-NC_006551.1	GC-CGGCAGUUUCUUUGAGC-GUUGAUUUUCA-----AUGUCUAAAGAAA--CCAGG	47
MBFV-NC_001563.2	UG-CGAGCUGUUUCUUGGCACGAAGAUUC-G-----AUGUCUAAAGAAA--CCAGG	47
MBFV-NC_009942.1	UG-CGAGCUGUUUCUAGCAGCAAGAUUC-G-----AUGUCUAAAGAAA--CCAGG	47
MBFV-NC_009026.2	U--CGAGGA-AAGACGAGGAAGCGAAUUCUCUG-----AAUGGCUAGAAAA--CCAGG	47
MBFV-NC_034151.1	U--GAAUAG-UUUUUUGAACAGAGGUGAAAAC-----CAUGUCUAAAAAA--CCAGG	47
MBFV-NC_001437.1	U--UAAACAGUUUUUAGAACCGGA-----AGAUAA-----CCAUGACUAAAAAA--CCAGG	47
MBFV-NC_008719.1	-----AAAGGGUAGAGAAAA-GGAGUUUUGCUUC-----UCAUGGCAACAAGAGGAGCAAG	50
MBFV-NC_012735.1	-----AAGGAGUAGAAGAAA-GGAGAUUCAUUC-----CAAUGGCAACAAGGGGAUGAA	50
TBFV-NC_001809.1	A--AAGACAGCUUAGGAGA-ACAAGAGCUGGGG-----AUGGGCAGGAAGA--CCAUC	48
TBFV-NC_027709.1	A--AAGACAGCUUAGGAGA-ACAAGAGCUGGGG-----AUGGGCAGGAAGU--CCAUC	48
TBFV-NC_003690.1	A--AAGACAGCUUAGGAGA-ACAAGAGCUGGGA-----AUGGCCGGGAAGG--CCGUU	48
TBFV-NC_001672.1	A--AAGACAGCUUAGGAGA-ACAAGAGCUGGGG-----AUGGUCAGAAGG--CCAUC	48
TBFV-NC_005062.1	A--AAGACAGCUUAGGAGA-ACAAGAGCUGGGG-----AUGGCCGGGAAGG--CCAUC	48
TBFV-NC_003687.1	-----AGCUUAGGAGA-ACAAGAGCUGGGAGUGGUUAUG-----AUGA--CCACU	42
10.....20.....30.....40.....50.....6	



MBFV-NC	002031.1	-AGCUCAGGGAAAAACCCUGGGCGUCAUAUUGGUACGACGAGGAGUUCGCUCCUUGU--N	101
MBFV-NC	002640.1	-AAAAGGUGG-UUAGACCACCUUUCAAUAUGCUAAACGCGAGAAAACCGCGUAUCAAN	101
MBFV-NC	001477.1	-AAAAGACGG-GUCGACCGCUUUCAAUAUGCUGAAACGCGGAGAAAACCGCGUGU--N	101
MBFV-NC	001475.2	-AGAAGACGG-GAAAACCGUCUAUCAUAUUGCUGAAACGCGUGAGAAAACCGUGUGU--N	101
MBFV-NC	001474.2	-AAAAGGCGA-AAAACACGCGUUCAAUAUGCUGAAACGCGAGAGAAAACCGCGUGU--N	101
MBFV-NC	012532.1	-GAAAUCCGGAGGAUCC-GGAUUGUCAUAUUGCUAAAACGCGGAGUAGCCCGUG----N	101
MBFV-NC	035889.1	-GAAAUCCGGAGGAUUCGGAUUGUCAUAUUGCUAAAACGCGGAGUAGCCCGUG----N	101
MBFV-NC	012533.1	-AAAGGGCCGCAUCG-CGGCCUAUCAUAUUGCUGAAGCGCUUUGGAUUCUAGCGCUGGCCN	101
MBFV-NC	009029.2	-AAGGCCCGGUAGAAAUCGGGGCCGUCAAUAUGCUAAAGCGCGGUGCGUCCCGCG----N	101
MBFV-NC	032088.1	-AAGUCGCGGCAUUCGUCGACGUCUCAAUAUGCUAAAGCGCGGAGCAUCCCGCG----N	101
MBFV-NC	012534.1	-AAAACCCGGGGCAACCCGGGUUGUCAUAUUGCUAAAGCGCGGUGCAUCCC-----N	101
MBFV-NC	015843.2	-AAGACCCGGUCACAGGCCGGUUGUCAUAUUGCUAAAGCGCGGAACGCUCCC-----N	101
MBFV-NC	007580.2	-AAAACCCGGUAGAAAACCGGGUUGUCAUAUUGCUAAAACGCGGCGUAUCCCGCG----N	101
MBFV-NC	009028.2	-AAAGUCCGCGUCAAAAGCGGACUGUCAUAUUGCUAAAACGCCUGGCUAGCGUGU----N	101
MBFV-NC	040776.1	-AGGACCCGCGCGGAAGCGGGGUUGUCAUAUUGCUGAAACGCCCAGCCAGCGUUU-----N	101
MBFV-NC	000943.1	-AGGACCCGGGAAGCCCCGGGUCGUCAAUAUGCUAAAACGCGGCAUACCCCGCG----N	101
MBFV-NC	006551.1	-AGGGCCCGGAAGAAACCGGGCAUCAUAUUGCUGAAACGCGGCAUACCCCGCG----N	101
MBFV-NC	001563.2	-AGGGCCCGGUAAAAACCGGGCUGUCAUAUUGCUAAAACGCGGUUAGCCCCGCG----N	101
MBFV-NC	009942.1	-AGGGCCCGGCAAGAGCCGGGCGUGUCAUAUUGCUAAAACGCGGAUAGCCCCGCG----N	101
MBFV-NC	009026.2	-AAGACCCGCGAGGAACCGGGUCGUCAAUAUGCUAAAGCGUACGGCGGCCAACG----N	101
MBFV-NC	034151.1	-AGGACCCGGAAGAACCGGGUCGUUAAUAUGCUGAAGCGCACAUCCCGCGCUA----N	101
MBFV-NC	001437.1	-AGGGCCCGGUAAAAACCGGGCAUCAUAUUGCUGAAACGCGGCUACCCCGCG----N	101
MBFV-NC	008719.1	CAAGUCUCGGGUCACGACCCGGGCGUCAUAUUGGUGACGGCCAAG-----GCCA----N	101
MBFV-NC	012735.1	UAAGUCUCGGGUCGUAUCCCGAGGCGUCAUAUUGGUAGCGGCUAGA----GUGA----N	101
TBFV-NC	001809.1	CUGAAAGGCAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCAA-----N	101
TBFV-NC	027709.1	CUGAAAGGUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCAA-----N	101
TBFV-NC	003690.1	CUAAAAGGAAAGGGGGGGGUGCCCCUCGACGAGCGUCGAAAGUGGCCCAAA-----N	101
TBFV-NC	001672.1	CUGAAAGGUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCAA-----N	101
TBFV-NC	005062.1	CUGAAAGGAAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCUA-----N	101
TBFV-NC	003687.1	UCUAAAGGAAAGGGGGGCGGUCCCCUAGGCGCAAGCUAAAGUAGCCGCAAAUAAG-UN	101



	NNNNNNNAG-GGAACAAA-UAGUGGGACCAUAUUGAC-GCCAGGGA--AAGACCG-GAGUG	155
MBFV-NC_002031.1	NNNNNNNCC-CCCCAACA--CAAAAAACAGCAUAUUGACG-CUGGGA--AAGACCA-GAGAU	154
MBFV-NC_001477.1	NNNNNNNCC-CGCACAAC--AACAAACAGCAUAUUGACG-CUGGGA--GAGACCA-GAGAU	154
MBFV-NC_001475.2	NNNNNNNCC-CCCGCAAA--UAAAAACAGCAUAUUGACG-CUGGGA--GAGACCA-GAGAU	154
MBFV-NC_001474.2	NNNNNNNCC-CCCGAAAC--AAAAAACAGCAUAUUGACG-CUGGGA--AAGACCA-GAGAU	154
MBFV-NC_012532.1	NNNNNNNCC-CCGGA AACCGCAAACAGCAUAUUGAC-G--UGGGA--AAGACCA-GAGAC	154
MBFV-NC_035889.1	NNNNNNN-C-CCGAAAAACGCAAAACAGCAUAUUGAC-G-CUGGGA--AAGACCA-GAGAC	154
MBFV-NC_012533.1	NNNNNNNAU-AACCAACA--UAAAAACAGCAUAUUGACACCUGGGA--AAGACCG-GAGAC	154
MBFV-NC_009029.2	NNNNNNN-A-GCGCAAC-ACAAACAGCAUAUUGAC-ACCUGGGA--AAGACUA-GGGGA	154
MBFV-NC_032088.1	NNNNNNN-U-ACCGCAAA-ACAAACAGCAUAUUGAC-ACCUGGGA--UAGACUA-GGAGA	154
MBFV-NC_012534.1	NNNNNNN-A-ACACCAA-ACAAACAGCAUAUUGAC-ACCUGGGA--GAGACUA-GGAGA	154
MBFV-NC_015843.2	NNNNNNNGA-ACACCACA-A-GAAACAGCAUAUUGAC-ACCUGGGA--UAGACUA-GGAGA	154
MBFV-NC_007580.2	NNNNNNNCC-GUUAACGC-AAACAACAGCAUAUUGAC-ACCU-GGA--AAGACAG-GAGAU	154
MBFV-NC_009028.2	NNNNNNNCA-AGCGCGAA--ACAAACAGCAUAUUGAC-GCCUGGGA--AAGACCG-GGAGA	154
MBFV-NC_040776.1	NNNNNNN-A-AGCGCAA-GACAAACAGCAUAUUGAC-ACCUGGGA--AAGACCG-GGAGA	154
MBFV-NC_000943.1	NNNNNNNAA-AAGCAUCA--AACAAACAGCAUAUUGAC-ACCUGGGA--AAGACUA-GGAGA	155
MBFV-NC_006551.1	NNNNNNNUA-AGCAUCA--AAAAACAGCAUAUUGAC-ACCUGGGAUUAGACUA-GGAGA	156
MBFV-NC_001563.2	NNNNNNNAA-ACACCAAA--AGAAACAGCAUAUUGAC-ACCUGGGA--UAGACUA-GGGGA	154
MBFV-NC_009942.1	NNNNNNNAA-CACCACA--CAAAACAGCAUAUUGAC-ACCUGGGA--UAGACUA-GGAGA	154
MBFV-NC_009026.2	NNNNNNN-A-CGCACCA-AAGAAACAGCAUAUUGAC-ACCUGGGA--UAGACCG-GAGAA	154
MBFV-NC_034151.1	NNNNNNN-G-AACGCAA-UAAAAACAGCAUAUUGAC-ACCUGGGA--UAGACUGGGAGAC	155
MBFV-NC_001437.1	NNNNNNNCA-UAUUGACACCGGGAUAGACUGGGGAUCUUCUG---CUCUA-UCUCA	154
MBFV-NC_008719.1	NNNNNNNCCGAGCAC-UAUAGCGGACCAUAUUGACGC---CUGGGA--AAGACCG-GAGAC	154
MBFV-NC_012735.1	NNNNNNNCCGAGCACACAUAAGCGGACCAUAUUGACGC---CAGGGA--AAGACCG-GAGAC	155
TBFV-NC_001809.1	NNNNNNNG---UUUUUCCUCCUCCUAUACCAAUUUCCCCUCGACAGAGGGGGGGCGGUU	158
TBFV-NC_027709.1	NNNNNNNG--AUUUUCCUCCUCCUAUACCAAU-UCCCCUCGACAGAGGGGGGGCGGUU	158
TBFV-NC_003690.1	NNNNNNNG--AUUUUCCUCCUCCUAUACCAAU-UCCCCUCGACAGAGGGGGGGCGGUU	158
TBFV-NC_001672.1	NNNNNNNU--AUACAAA AUCCCCUCGGU-AGAGGGGGGGCGGUUCUUGUUCUCCUCUG	158
TBFV-NC_005062.1	NNNNNNNU--AUACAAA AUCCCCUCUACU-UGAGGGGGGGCGGUUCUUGUUCUCCUCUG	158
TBFV-NC_003687.1	NNNNNNN---AUUUUCCGCCUCCUAUACCAAUUUCCCCAGAAACUGGGGGGGCGGUU	158
	20.....130.....140.....150.....160.....170.....1	



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MBFV-NC_002031.1  GUUCUCUGCUUU- 167
MBFV-NC_002640.1  CCUGCUGUCUCUG 167
MBFV-NC_001477.1  CCUGCUGUCUCUA 167
MBFV-NC_001475.2  CCUGCUGUCUCCU 167
MBFV-NC_001474.2  CCUGCUGUCUCCU 167
MBFV-NC_012532.1  UCCAUGAGUUUCC 167
MBFV-NC_035889.1  UCCAUGAGUUUCC 167
MBFV-NC_012533.1  UCUGUUGGCUUUC 167
MBFV-NC_009029.2  UUUGCUGCUCUGG 167
MBFV-NC_032088.1  UCCGCUGCUCUGG 167
MBFV-NC_012534.1  CCCUCUGUCCUAA 167
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MBFV-NC_007580.2  CCCCUGCUUUUUC 167
MBFV-NC_009028.2  UCCUCUGCUUUCC 167
MBFV-NC_040776.1  CCCUCUGCUCUGC 167
MBFV-NC_000943.1  UCUUC-UGCUCUA 167
MBFV-NC_006551.1  UCUUC-UGCUCU- 167
MBFV-NC_001563.2  UCUUCUGCUCUGC 167
MBFV-NC_009942.1  UCUUCUGCUCUGC 167
MBFV-NC_009026.2  UUUGCUGCCUCGC 167
MBFV-NC_034151.1  CCUCUG-CUUAUU 167
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MBFV-NC_012735.1  A-CUCCUUGAUUC 167
TBFV-NC_001809.1  CUUGUUCUC---- 167
TBFV-NC_027709.1  CUUGUUCUC---- 167
TBFV-NC_003690.1  CUUGUUCUC---- 167
TBFV-NC_001672.1  CCACCAUCA---- 167
TBFV-NC_005062.1  CCACCAUCA---- 167
TBFV-NC_003687.1  CUUGUUCUC---- 167
80.....190.

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