5’UTR:

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MBFV-NC\_012532.1

MBFV-NC\_035889.1

MBFV-NC\_002640.1

MBFV-NC\_001477.1

MBFV-NC\_001475.2

MBFV-NC\_001474.2

MBFV-NC\_012533.1

MBFV-NC\_009028.2

MBFV-NC\_040776.1

MBFV-NC\_034151.1

MBFV-NC\_000943.1

MBFV-NC\_006551.1

MBFV-NC\_001563.2

MBFV-NC\_009942.1

MBFV-NC\_001437.1

MBFV-NC\_007580.2

MBFV-NC\_012534.1

MBFV-NC\_015843.2

MBFV-NC\_009026.2

MBFV-NC\_009029.2

MBFV-NC\_032088.1

MBFV-NC\_012735.1

MBFV-NC\_008719.1

MBFV-NC\_002031.1

MBFV-NC\_018705.3

AACAGGU-U-------UAAUUUGGAUUUGGAAA--CGA-GAGUUUCUGGUCAUGAAAA-A 48

ACAGGUU-U-------UAUUUUGGAUUUGGAAA--CGA-GAGUUUCUGGUCAUGAAAA-A 48

--------UCUAACAGUUUGUUUGAAUAGAGAG--CAG-AUCUCUGGAAAAAUG---A-A 45

ACGUAGU-UCUAACAGUUU-UUU-AUUAGAGAG--CAG-AUCUCUG-----AUGAACA-A 48

ACGUAGU-GCUGACAGUUU-UUU-AUUAGAGAG--CAG-AUCUCUG-----AUGAACA-A 48

-CGUAGU-UCUAACAGUUU-UUUAAUUAGAGAG--CAG-AUCUCUG-----AUGAAUA-A 48

A-----------ACAGUUUUCGUGUUGAGAAAGAAAACAGAUUCUUCGGAAAUGAA---- 45

U--U----UAACACAGUCUGAAUAGUUUUUU--AGCAAGGGA-UUUC--CCAUGUCUA-- 47

U--U----UAACACAGUCUGAAUAGUUUUUU--AGCAGAGGU-ACUA--CCAUGUCUA-- 47

--------UAACACAGUGUGAAUAGUUUUUU-GAACAGAGGUGAAAA--CCAUGUCUA-- 47

--------UAACGCGGUUUGAACAGUUUUUUGGAGCUUUUGA-UUUC--AAAUGUCUA-- 47

---U----UAACACAGUGCCGGCAGUUUCUUUGAGC-GUUGA-UUUU--CAAUGUCUA-- 47

A--U----UAACACAGUGCGAGCUGUUUCUUGGCAC-GAAGA-UCUC--G-AUGUCUA-- 47

A--U----UAACACAGUGCGAGCUGUUUCUUAGCAC-GAAGA-UCUC--G-AUGUCUA-- 47

---U----UAGUGCAGUUUAAACAGUUUUUUAGAACGGAAGA-UAAC--C-AUGACUA-- 47

---U----AACUUGACUGCGAACAGUUUUUUAGCAGGGAAUU-ACCC--A-AUGUCUA-- 47

CCGU----AAACACAGUUUGAAC-GUUUUUUGGAG----AGAGAUUA--UUAUGUUUA-A 48

ACGU----AAACACAGUUUGAAC-GUUUUUUGGAU----AGAGACAA--CUAUGUCUA-A 48

---------AGAAAAGUUUUCGAGGAAAGACGAGAAGCGAAUUCUCU--GAAUGGCUA-- 47

UGAUUACAUAACACAGUGUGAACAAGUUUUUUGAACAG-----------CAAUGACCA-- 47

UC----UAUAACUCAGUGUGAACAAGUUUUUUGAUCAGUGGA-------UAAUGACUA-- 47

-----------UUUCUACUGAAAGGAGUAGAAGAAAGGAGAUUCAUUCCCAAUGGCAACA 49

----------AUUUCUACUGAAAGG-GUAGAGAAAAGGAGUUUUGCUUCUCAUGGCAACA 49

----------UAAUCGUUCGUUGAGCG-AUUAGCAGAGAACUGACCAGAACAUGUC---- 45

CCGUA----AACACAGUUUGAACGUUUUUUGGAGAGAGACUA-------CUAUGUCAA-A 48

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MBFV-NC\_012532.1

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MBFV-NC\_009029.2

MBFV-NC\_032088.1

MBFV-NC\_012735.1

MBFV-NC\_008719.1

MBFV-NC\_002031.1

MBFV-NC\_018705.3

CCCCAAAGAAGAAAUC--CGGAGGA-UCCGGAUUGUCAAUAUGCUAAAACGCGGAGUAGC 105

-CCCAAAAAAGAAAUC--CGGAGGAUUCCGGAUUGUCAAUAUGCUAAAACGCGGAGUAGC 105

--CCAACGAAAAAAGG--UGGUUAGACC--ACCUUUCAAUAUGCUGAAACGCGAGAGAAA 99

--CCAACGGAAAAAGA--CGGGUCGACC--GUCUUUCAAUAUGCUGAAACGCGCGAGAAA 102

--CCAACGGAAGAAGA--CGGGAAAACC--GUCUAUCAAUAUGCUGAAACGCGUGAGAAA 102

--CCAACGGAAAAAGG--CGAAAAACAC--GCCUUUCAAUAUGCUGAAACGCGAGAGAAA 102

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AAGGGGAUGAAUAAGUCUCGGGCUCGAUCCCGAGGCGUCAAUAUGGUAGCGGCUAGA--- 106

AGAGGAGCAAGCAAGUCUCGGGUCACGACCCGGGGCGUCAAUAUGGUGACGGCCAAG--- 106

-----UGGUCGUAAAGCUCAGGGAAAAACCCUGGGCGUCAAUAUGGU-ACGACGAGGAGU 99

CAAAAAACCAGGAAGACCCGGGGCAACCCGGGUUGUCAAUAUGCUAAAGCGCGGCGCAUC 108

0........70........80........90........100.......110.......1

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MBFV-NC\_012532.1

MBFV-NC\_035889.1

MBFV-NC\_002640.1

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MBFV-NC\_001475.2

MBFV-NC\_001474.2

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MBFV-NC\_009028.2

MBFV-NC\_040776.1

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MBFV-NC\_009029.2

MBFV-NC\_032088.1

MBFV-NC\_012735.1

MBFV-NC\_008719.1

MBFV-NC\_002031.1

MBFV-NC\_018705.3

AGCAUAUUGACG--UGGGA--AAGACCA-GAGACUCCAUGAGUUUCCA-CCACGCUGGCCGC 205

AGCAUAUUGACG-CUGGGA--AAGACCA-GAGACUCCAUGAGUUUCCA-CCACGCUGGCCGC 205

AGCAUAUUGACG-CUGGGA--AAGAC---CAGAGAUCCUG-CUGUCUC-UGCAACAUCAAUC 207

AGCAUAUUGACG-CUGGGA--GAGAC---CAGAGAUCCUG-CUGUCUC-UACAGCAUCAUUC 207

AGCAUAUUGACG-CUGGGA--GAGAC---CAGAGAUCCUG-CUGUCUC-CUCAGCAUCAUUC 207

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AGCAUAUUGACGCCUGGGA--AAGACCGGGAGAUCCUCUGCUUUC----CAUCACCAGCCAC 207

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AGCAUAUUGACACCUGGGA--UAGACUGGGAGACCCUCUGCUUAUUU--CAACACCAGCCAC 206

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AGCAUAUUGACACCUGGGA--UAGACUAGGAGAUCCGCUGCUCU-----GGAACCCCAGUUC 211

CAUAUUGACGCCAGGGA----AAGACC-GGAGACACUCCUUGAUUCUCACCUUUCUCGCCCU 204

CAUAUUGACGCCUGGGA----AAGACC-GGAGACACUCCUUGAUUCUCACCUUUCUCACCCU 204

CAUAUUGACGCCAGGGA----AAGACC-GGAGUGGUUCUCUGCUUUUCCUCCAGAGGUCUGU 203

UGUAAACCAGGGGAAGGACUAGAGGUUAGAGGAGACCCCUUGCGAGUGAACACCACACAAAA 217

.180.......190.......200.......210.......220.......230.......2

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MBFV-NC\_012532.1

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MBFV-NC\_008719.1

MBFV-NC\_002031.1

MBFV-NC\_018705.3

CAGGCACAGAUCGCCGAACUUCG-GCGGCCGGUGUGGG-GAAAUCCAUG-GUUUCU 258

CAGGCACAGAUCGCCGAAUAGCG-GCGGCCGGUGUGGG-GAAAUCCAUG-GGUCUU 258

CAGGCACAGAGCGCCGCAAGAUG-GAUUGGUGUUGUUG---AUCCAACA-GGUUCU 258

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CUGGCACAGAGCGCCAGA---UC-GGGGGUUGGUGUGGAGCAACCCAAC-AGGACU 258

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UAAGCACAGAUUGCUU--GAAUGCAGGGUGGGGAAGUUGGGAACCAACUAGUGUCU 258

-GAGCACAGUUUGCUCAAGAAUAAGCAGACCUUUGGAUGACAAACACAAAACCACU 258

ACAGCAUA-----UUGACACCUGGGAAAGACUAGGAGACCC----------UCUGU 258

40.......250.......260.......270.......280.......290....

CDS:

3’UTR:

