

10 20 30 40 50 60
BOMV_NC_039345.1 ATGCCAACGATGCTGTTATCGCTAATTCAGTTGCTCAGGCACGCTTTTCAGGCTTGTGA
BDBV_KC545396 ATGCTAATGATGCCGTCAATTGCCAACTCTGTAGCTCAAGCTCGTTTTCTCCGGATTGTTGA
LLOV_NC_016144 ATGCTAATGATGCAATCATTGCCAATTCAAATATCCCAAACACGATTTTCAGGATTGTTAA
MARV_MG725616 ATGCCTATGACAGTATCATCAGTAATTCAGTAGGTCAAACTAGATTCTCAGGACTTCTTA
MLAV_KX371887 ATGCCTATGACAATGTCATCAGCAATTCATAAAACCAAACACGTTTCTCAGGACTGCTGA
RESTV_JX477165 ATGCCAATGATGCTGTCATTGCTAATTCAGTTGCTCAGGCTCGTTTTTCAGGACTCCTAA
SUDV_KC545391 ATGCGAACGACACAGTAATATCTAATTTCTGTTGCCAAGCAAGGTTCTCTGGTCTTCTGA
TAFV_MH121167 ATGCTAACGATGCTGTCATCGCAAACCTCTGTAGCTCAAGCACGTTTTTCAGGATTATTGA
EBOV_MG572235 ATGCCAACGACGCTGTGATTTCAAATTCAGTGGCTCAAGCTCGTTTTTCAGGTTTATTGA
Filo Forward
Filo Reverse
Control tag_FVQPCR
SP6_complement

70 80 90 100 110 120
BOMV_NC_039345.1 TCGTCAAGACAGTGGTGGACCACATTCGTCAGAAAAACAGACCGTGGAGTCCGTCCTTCATC
BDBV_KC545396 TAGTCAAAACAGTGTGATCATATCCTCCAAAAAACAGAGCACGGAGTTCGCCTGCATC
LLOV_NC_016144 TCGTGAAGACTGTCTAGAGCATATTCCTCCAAAAAACCTGAGGCAGGGGTCCAACCTTCATC
MARV_MG725616 TTGTGAAAAACAGTTCTCGAGTTTCATCTTCGAAAAAACCTGATTTCAGGGGTGACACTACATC
MLAV_KX371887 TTGTAAAGACTGTCTTGGAAACATATCCTCCAAAGGACTGAAAATGGAGTCATTTCCACC
RESTV_JX477165 TTGTCAAAAACCGTTCTTGACCATATTCCTGCAAAAAACCGACCAAGGAGTAAGACTTCACC
SUDV_KC545391 TTGTAAAGACTGTTCTGGACCACATCCTACAAAAACCGATCTTGGAGTACGACTTCATC
TAFV_MH121167 TCGTTAAAAACAGTGTAGATCACATCCTTCAGAAAAACAGAGCACGGAGTGCCTTTCATC
EBOV_MG572235 TTGTCAAAACAGTACTTGATCATATCCTACAAAAGACAGAACCGGGAGTTCGTCTCCATC
Filo Forward
Filo Reverse
Control tag_FVQPCR
SP6_complement

130 140 150 160 170 180
BOMV_NC_039345.1 CTTTAGCACGTACAGCCAAGGTCAGGAACGAGGTCCATTTCGTTCAAAGCTGCTCTTAACT
BDBV_KC545396 CCTTGGCGCAACAGCCAAAGTCAAAAAATGAGGTAAGCTCTTTTAAGGCCGCTTTAGCCT
LLOV_NC_016144 CATTAGCTCGAACCTCGAAAGTCAAAAGGAGAACTCCTTGCATTCAAATCAGCACTGGAAG
MARV_MG725616 CTTTGGTGGGACCTCCAAAGTAAAAAATGAAGTTGCTAGTTTCAAGCAGGCGTTGAGCA
MLAV_KX371887 CTCTTGTGCAAGCTCCAAAGTGAAGAGTGAAGTTGAGACTTCAAAGTTGCATTGAGAG
RESTV_JX477165 CTTTGGCCCAGAACCCAAAGTGCAGTAATGAGGTTAATGCATTTAAGGCCGCCCTAAGCT
SUDV_KC545391 CACTGGCCAGGACAGCAAAAGTCAAGAATGAGGTGAGTTTCAAGGAGCTCTTGGCT
TAFV_MH121167 CTTTGGCAAGAACTGCTAAGGTCAAGAACGAAGTAAATTCCTTTAAGGCTGCCCTTAGCT
EBOV_MG572235 CTCTTGCAGGACCGCCAAGGTAAAAAATGAGGTGAACCTCTTTAAGGCTGCACTCAGCT
Filo Forward
Filo Reverse
Control tag_FVQPCR
SP6_complement

190 200 210 220 230 240
BOMV_NC_039345.1 CCTTGGCTCAGCATGGGGAATATGCCCCCTTTGCTCGACTTTTAAACCTtcggttcaacct
BDBV_KC545396 CACTAGCACAAACATGGAGAATATGCCCCGTTTCGCTCGTCTGCTGAATCttcggttcaacct
LLOV_NC_016144 CGTTGGCCTCACACAGAGAGTATGCACCAATTTGCACGGCTCTTGAACCTtcggttcaacct
MARV_MG725616 ACCTAGCCCCGACATGGAGAATACGCACCATTTGCACGGGTTCTGAATTTtcggttcaacct
MLAV_KX371887 GTCTGGCAAGACACAAGAATACGCACCTTTTGCACGGGTTATTGAACttcggttcaacct
RESTV_JX477165 CACTTGTAAACACGGGGAATATGCCCCCTTTGCTCGCCTTCTCAATCttcggttcaacct
SUDV_KC545391 CACTTGCCAAGCATGGAGAATATGCTCCATTTGCACGCTCTCCTCAATCttcggttcaacct
TAFV_MH121167 CGCTAGCACAAACATGGAGAGTATGCTCCTTTTGCCTTGTGCTGAATCttcggttcaacct
EBOV_MG572235 CCCTGGCCAAGCATGGAGAGTATGCTCCTTTTGCACGACTTTTGAACCTtcggttcaacct
Filo Forward
Filo Reverse
Control tag_FVQPCR
SP6_complement

GRGARTAYGCNCCNTTYGC

ttcggttcaacct

SP6_complement

250 260 270 280 290 300

BOMV_NC_039345.1 tgtcgtTCGAACATGGGCTGTATCCTCAACTCTCTGCAATTGCAC TTGGTGTGGCTACTG
BDBV_KC545396 tgtcgtTTT GAGCATGGGCTTTTCCCTCAACTTTCTGCAATTGCTTTGGGAGTAGCAACTG
LLOV_NC_016144 tgtcgtTAGAACATGGCCTGTATCCTCAGCTCTCTGCCATCGCGCTTGGAGTTGCTACAG
MARV_MG725616 tgtcgtTCGAGCATGGACTCTATCCTCAGCTCTCAGCAATTGCGCTGGGTGTGGCTACAG
MLAV_KX371887 tgtcgtTTT GAGCATGGACTTTTCCCTCAACTCTCAGCAATTGCAATCGGGGTGCAACAG
RESTV_JX477165 tgtcgtTTTGAACATGGTCTCTACCCACAGTTATCAGCAATTGCTCTTGGAGTTGCCACAG
SUDV_KC545391 tgtcgtTTGGAACATGGGCTTTATCCACAACCTCTCAGCCATTGCTTTGGGTGTTGCAACTG
TAFV_MH121167 tgtcgtTCGAGCACGGACTGTTTCTCAGCTTTCTGCAATTGCCCTAGGTGTGCGAACGG
EBOV_MG572235 tgtcgtTTT GAGCATGGTCTTTTCCCTCAACTATCAGCAATTGCAC TCGGAGTCGCCACAG

Filo Forward

Filo Reverse

Control tag_FVQPCR tgtcgt

SP6_complement

310 320 330 340 350 360

BOMV_NC_039345.1 CACACGGCAGCAGCTTTGGCAGGGGTGAATGTTGGT GAGCAGTACCAACAGCTCAGGGAGG
BDBV_KC545396 CACATGGGAGCAGCTCTGGCAGGAGTCAATGTAGGAGAGCAATACCAACAAC TCGGAGAAG
LLOV_NC_016144 CT CATGGT TAGCACACTAGCAGGAGTTAATGTGAGTGAACAATAC CAGCAACTCCGAGAGG
MARV_MG725616 CACACGGCAGCACATTTGGCTGGTGTCAATGTCGGCGAACAA TATCAACAGCTACGAGAGG
MLAV_KX371887 CACATGGAAGTACATTTGGCTGGGGTGAGTGTGGAGAGCAGTATCAACAAC TACGGGAAG
RESTV_JX477165 CACATGGT TAGCACCTTTCAGGAGTTAATGTTGGT GAGCAGTATCAGCAGCTCAGAGAGG
SUDV_KC545391 CCCACGGGAGCAGCTGGCTGGTGTTAATGTAGGGGAGCAATATCAGCAACTGCGT GAGG
TAFV_MH121167 CACACGGCAGTACCCTGGCAGGAGTAAATGTGGGGGAACAGTATCAGCAACTACGAGAAG
EBOV_MG572235 CACACGGGAGTACCCTCGCAGGAGTAAATGTTGGAGAACAGTATCAACAAC TCGAGAGG

Filo Forward

Filo Reverse

ggngarcartaycarcarct

Control tag_FVQPCR

SP6_complement

370 380 390 400 410 420

BOMV_NC_039345.1 CTGCCACGGAGGCTGAGAAGCAGCTGCAGCAATATGCTGAAACACGTGAGCTGGACC ACT
BDBV_KC545396 CAGCCACTGAGGCCGAAAAGCAGTTGCAGAAATATGCTGAATCTCGTGAAC TTGATCACC
LLOV_NC_016144 CTGCAACAGAGGCTGAGAAA CAATTACAACAGCAGCTCAGAGATGCGGGAATTTGGAGACC
MARV_MG725616 CTGCATGATGCAGAGGTAAAATTACAAGGCAGCATGAACATCAGGAAATTTCAAGCTA
MLAV_KX371887 CAGCCCATGATGCAGAACTTAAACTCCAGAGGCGCCGTGAACAAATGGAAATTT CATCAC
RESTV_JX477165 CTGCCACTGAAGCTGAGAAGCAACTCCAACAATATGCTGAGTCCAGAGA ACTCGACAGCC
SUDV_KC545391 CTGCTACTGAAGCTGAAAAGCAACTCCAACAATATGCTGAGACACGTGAGTTGGACAACC
TAFV_MH121167 CAGCCACTGAGGCAGAAAA CAATTGCAGAAATACGCTGAATCTCGCGAGCTTGACCATC
EBOV_MG572235 CTGCCACTGAGGCTGAGAAGCAACTCCAACAATACGCAGAGTCTCGGAACTTGACCATC

Filo Forward

Filo Reverse

Control tag_FVQPCR

SP6_complement

430 440 450 460 470 480

BOMV_NC_039345.1 TAGGCCTAGACACAAAAGAAAAGGAAATATTAATGAATTTCCATCAACGGAAAAATGAGA
BDBV_KC545396 TAGGTCTTGATGATCAGGAAAAGAAAATCCTAAAAGACTTCCATCAGAAAAAGAATGAGA
LLOV_NC_016144 TTGGACTGGATGAACAAGAAAGGAAGATCCTTGCAACATTTCCACTCCCGGAAAAATGAGA
MARV_MG725616 TTGCCGAAGATGACGAGGAAAGGAAGATATTAGAACAGTTCCACCTTCAAAAAACTGAAA
MLAV_KX371887 TCGAACCTTGACCTTGAAGAACAGAAAATTTCTGGAACAATTCATCAGCAGAAAAACAGAAA
RESTV_JX477165 TAGGCCTAGACGATCAGGAAAAGAAAATACTTAATGAACCTTCCATCAGAAAAAATGAAA
SUDV_KC545391 TTGGGCTTGATGAGCAGGAAAAGAAAGATTCTCATGAGCTTCCACCAGAAGAAGAATGAGA
TAFV_MH121167 TAGGTCTCGATGATCAAGAGAAGAAGATCTTGAAAGACTTCCATCAGAAAGAAAAATGAAA
EBOV_MG572235 TTGGACTTGATGATCAGGAAAAGAAAATTTTATGAACCTTCCATCAGAAAAAGAACGAAA

Filo Forward

Filo Reverse

Control tag_FVQPCR

SP6_complement

490 500 510 520 530 540
.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|.....|

BOMV_NC_039345.1 TTAGTTTCCAGCAAACAAATGCAATGGTGTCCCTTCGCAAGGAGAGACTAGCAAACcgc
BDBV_KC545396 TCAGCTTCCAGCAGACGACAGCCATGGTCACACTGCGGAAAGAGAGATTGGCCAAATcgc
LLOV_NC_016144 TCAACATTCAACAGACCAGCTCGATATTAGCAATTCGTAAGGAACGACTCCGCAAGCgc
MARV_MG725616 TCACACACAGTCAGACACTTGCCGTCCCTCAGCCAGAAACGAGAAAAATTAGCTCGTCgc
MLAV_KX371887 TAACTCACACACAGACTCTTGCTGTTCTAACACAGAAGAAAAGAAAAGTTAGCCAAACcgc
RETV_JX477165 TTAGTTTCCAGCAGACCAATGCAATGGTCACCCCTTAGGAAAGAGCGACTGGCTAAATcgc
SUDV_KC545391 TCAGCTTCCAGCAAACAACTAACGCAATGGTAACCTTGAGGAAAGAGCGGCTGGCCAAACcgc
TAFV_MH121167 TCAGCTTCCAGCAGACAACAGCCATGGTCACACTACGGAAGGAAAGGCTAGCCAAGCgc
EBOV_MG572235 TCAGCTTCCAGCAAACAAACGCTATGGTAACCTAAGAAAAGAGCGCTGGCCAAAGCgc

Filo Forward

Filo Reverse

Control tag_FVQPCR

SP6_complement

-----cgc
550 560 570
.....|.....|.....|.....|.....|.....|

BOMV_NC_039345.1 ttctatagtgtcacctaataagaataactct
BDBV_KC545396 ttctatagtgtcacctaataagaataactct
LLOV_NC_016144 ttctatagtgtcacctaataagaataactct
MARV_MG725616 ttctatagtgtcacctaataagaataactct
MLAV_KX371887 ttctatagtgtcacctaataagaataactct
RETV_JX477165 ttctatagtgtcacctaataagaataactct
SUDV_KC545391 ttctatagtgtcacctaataagaataactct
TAFV_MH121167 ttctatagtgtcacctaataagaataactct
EBOV_MG572235 ttctatagtgtcacctaataagaataactct

Filo Forward

Filo Reverse

Control tag_FVQPCR

SP6_complement

ttctatagtgtcacctaata