

Supplemental Table S1. Primers used in this study.

Primers	Sequences (5'-3')	Applications
dsKWMTBOMO04623_F	GACACGCAGCGTGTGGCAC	Amplification of the template for <i>KWMTBOMO04623</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO04623_R	GTTGGTGGTGTTTGAAC TGG	
dsKWMTBOMO04623_T7_F	ggatcctaatacgactcactatagggACACGCAGCGTGTGGCAC	
dsKWMTBOMO04623_T7_R	ggatcctaatacgactcactatagggTTGGTGGTGTTTGAAC TGG	
dsKWMTBOMO05356_F	ATGGCATTATTGGGGGCTCA	Amplification of the template for <i>KWMTBOMO05356</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO05356_R	TTGGATGCTGGACCAACAGA	
dsKWMTBOMO05356_T7_F	ggatcctaatacgactcactatagggATGGCATTATTGGGGGCTCA	
dsKWMTBOMO05356_T7_R	ggatcctaatacgactcactatagggTTGGATGCTGGACCAACAGA	
dsKWMTBOMO05588_F	CGTCTTGTTGATTGATTCCAAGA	Amplification of the template for <i>KWMTBOMO05588</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO05588_R	GCAATTCTTTTCCGGACAGC	
dsKWMTBOMO05588_T7_F	ggatcctaatacgactcactatagggCGTCTTGTTGATTGATTCCAAGA	
dsKWMTBOMO05588_T7_R	ggatcctaatacgactcactatagggCAATTCTTTTCCGGACAGC	
dsKWMTBOMO13292_F	CCTAAGACGCGCCATTGAA	Amplification of the template for <i>KWMTBOMO13292</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO13292_R	TGGATCGTCGTCCGAACATT	
dsKWMTBOMO13292_T7_F	ggatcctaatacgactcactatagggCCTAAGACGCGCCATTGAA	
dsKWMTBOMO13292_T7_R	ggatcctaatacgactcactatagggTGGATCGTCGTCCGAACATT	
dsKWMTBOMO15542_F	CGATATACGTGGATGCGGCG	Amplification of the template for <i>KWMTBOMO15542</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO15542_R	GAAGCGTTGGGCCGAGAATC	
dsKWMTBOMO15542_T7_F	ggatcctaatacgactcactatagggCGATATACGTGGATGCGGCG	
dsKWMTBOMO15542_T7_R	ggatcctaatacgactcactatagggAAGCGTTGGGCCGAGAATC	
dsKWMTBOMO16000_F	CGTTTATATTTAATGTGTAAGTGAACAGTG	Amplification of the template for <i>KWMTBOMO16000</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO16000_R	TTTACTGACCGCTGCTTGAAGGTGCTCGA	
dsKWMTBOMO16000_T7_F	ggatcctaatacgactcactatagggCGTTTATATTTAATGTGTAAGTGAACAGTG	
dsKWMTBOMO16000_T7_R	ggatcctaatacgactcactatagggTTTACTGACCGCTGCTTGAAGGTGCTCGA	
dsKWMTBOMO16284_F	GTGTTTCATAATCTGGTTACTCGC	Amplification of the template for <i>KWMTBOMO16284</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO16284_R	CGAATTCTACCAGGCCATCT	
dsKWMTBOMO16284_T7_F	ggatcctaatacgactcactatagggTGTTTCATAATCTGGTTACTCGC	
dsKWMTBOMO16284_T7_R	ggatcctaatacgactcactatagggCGAATTCTACCAGGCCATCT	
dsKWMTBOMO16299_F	GAACATGAGAGCAGCACGAATTCTACACCT	Amplification of the template for <i>KWMTBOMO16299</i> (T7 promoter sequence is lowercased)
dsKWMTBOMO16299_R	GTGCACTTCTTCAGCCGTCTGCAACAAT	
dsKWMTBOMO16299_T7_F	ggatcctaatacgactcactatagggAACATGAGAGCAGCACGAATTCTACACCT	
dsKWMTBOMO16299_T7_R	ggatcctaatacgactcactatagggTGCACTTCTTCAGCCGTCTGCAACAAT	
qKWMTBOMO04623_F	GCGTCGTCCTTCTCTACTGG	qRT-PCR analysis of <i>KWMTBOMO04623</i>
qKWMTBOMO04623_R	CGTCCATCGAATGGATATGC	
qKWMTBOMO05356_F	AACGGGAACGAAAAAGAGAC	qRT-PCR analysis of <i>KWMTBOMO05356</i>
qKWMTBOMO05356_R	GTCCGGATACAAATACCGGT	
qKWMTBOMO05588_F	GTACCAATAAGGGATCAATTACAG	qRT-PCR analysis of <i>KWMTBOMO05588</i>
qKWMTBOMO05588_R	ATTTTCTATTCCATAACTGCAA	
qKWMTBOMO13292_F	AAGATAACGTCGTA CTTCGG	qRT-PCR analysis of <i>KWMTBOMO13292</i>

qKWTBOMO13292_R	TTGTGGAGTGGTCATCAAAATCGA	
qKWTBOMO15542_F	AACGCCACCAATTCTAGCCA	qRT-PCR analysis of <i>KWTBOMO15542</i>
qKWTBOMO15542_R	ATCAGTATAGTGACCCGCG	
qKWTBOMO16000_F	TTTGAGGATCTGTGCGCCAA	qRT-PCR analysis of <i>KWTBOMO16000</i>
qKWTBOMO16000_R	CGAGTCGTACAGAGTGCATT	
qKWTBOMO16284_F	GTTGATAAAATGAAACGGACTGTG	qRT-PCR analysis of <i>KWTBOMO16284</i>
qKWTBOMO16284_R	TGCTCTTTACAGCGCATCGCAT	
qKWTBOMO16299_F	CTCAATGCTCAGCCTTCTAC	qRT-PCR analysis of <i>KWTBOMO16299</i>
qKWTBOMO16299_R	GCATATCGCGTACAGTGAATTCCTTG	
qKWTBOMO06401_F	GAATGCCATCGACGCGTTATCCAA	qRT-PCR analysis of <i>KWTBOMO06401</i> (ATPase)
qKWTBOMO06401_R	GTCAGGATGGGCATCATAGAAGTCT	
qKWTBOMO10174_F	GCATTCGCATCTACGTACTTGTAC	qRT-PCR analysis of <i>KWTBOMO10174</i> (Actin-3)
qKWTBOMO10174_R	CTTGACATACCGAGCCATTGTCT	
qKWTBOMO10175_F	AACGAAGCTGTGCAATAGCAAGTTA	qRT-PCR analysis of <i>KWTBOMO10175</i> (Actin-4)
qKWTBOMO10175_R	CAACTCTTCGTCGCACATCTTGAA	
qKWTBOMO13749_F	GTAAATGCCTTTTTTCGTTTCATGATCG	qRT-PCR analysis of <i>KWTBOMO13749</i> (IAP)
qKWTBOMO13749_R	CGATGGGAATCCATTTCAGAATA	
qKWTBOMO16087_F	CAGGTGGCGAACTCCTCATTGTGG	qRT-PCR analysis of <i>KWTBOMO16087</i> (HSP90)
qKWTBOMO16087_R	TGTGACCGATACAAGGGTCTTGCCA	
qKWTBOMO16088_F	TTGGCGGTTTCCAGTGAAGGTAGTA	qRT-PCR analysis of <i>KWTBOMO16088</i> (HSP70)
qKWTBOMO16088_R	CCAGCGGTGTCGATATTAAACAG	
qrpl32-F	CAGGCGGTTCAAGGGTCAATAC	Normalization of the qRT-PCR data
qrpl32-R	TGCTGGGCTCTTTCCACGA	
qBmActin_F	ATCACCATCGGAAACGAAAG	Serve as the control genes after BmNPV infection
qBmActin_R	GGTGTTGGCGTACAAGTCCT	
qBmGADPH_F	CATTCCGCGTCCCTGTTGCTAAT	
qBmGADPH_R	GCTGCCTCCTTGACCTTTTGC	
qrpl27_mRNA_F	AAGCCTTTCGTGAAGGTTGT	Serve as the control genes after JQ-1 treatment
qrpl27_mRNA_R	CGTGTGAAACGCAGCTTCT	
Piel_F	aacatttctctggcctaactggccggtCGATTGCGAGTTCGGGACAT	Amplification of <i>ie-1</i> promoter of BmNPV with homologous arms (lowercase letters)
Piel_R	ctttaccaacagtaccggattgccaagctGTCGTTTGTTGTTTACGAT	
KWTBOMO04623_F	aacatttctctggcctaactggccggtaccAAACAAAAATAGACTTTGCGAGTCGTGTT	Amplification of <i>KWTBOMO04623</i> promoter with homologous arms (lowercase letters)
KWTBOMO04623_R	ctttaccaacagtaccggattgccaagcttAGTTTATATCGGAGGTTAGTAAATTACAG	
KWTBOMO05356_F	aacatttctctggcctaactggccggtaccAGAGCAGGAGGGTCCCGTACTTTGGCCA	Amplification of <i>KWTBOMO05356</i> promoter with homologous arms (lowercase letters)
KWTBOMO05356_R	ctttaccaacagtaccggattgccaagcttTCTTCAACTCATTATTGTCCGGATACAA	
KWTBOMO05588_F	aacatttctctggcctaactggccggtaccACCTTGCGTCAATCATGAAGTTTGGATA	Amplification of <i>KWTBOMO05588</i> promoter with homologous arms (lowercase letters)
KWTBOMO05588_R	ctttaccaacagtaccggattgccaagcttTTGGCGATTATTTATAAGCTTAAAATGT	
KWTBOMO13292_F	aacatttctctggcctaactggccggtaccAAGATTTACATATAATGAATCTAAGTCTT	Amplification of <i>KWTBOMO13292</i> promoter with homologous arms (lowercase letters)
KWTBOMO13292_R	ctttaccaacagtaccggattgccaagcttTGTTTTGTTGGTGACAGTGCCCAAAACGT	
KWTBOMO16000_F	aacatttctctggcctaactggccggtaccGCCGAGAATGATATGCTTAATTCTACAA	Amplification of <i>KWTBOMO16000</i> promoter with homologous arms (lowercase letters)
KWTBOMO16000_R	ctttaccaacagtaccggattgccaagcttAACAAGTTTCTGATGAAGCGGCAGATGTG	
KWTBOMO16299_F	aacatttctctggcctaactggccggtaccTTTCTTAAATTTAGAAGCCAAATTTACGA	Amplification of <i>KWTBOMO16299</i> promoter with homologous arms (lowercase letters)
KWTBOMO16299_R	ctttaccaacagtaccggattgccaagcttAAGACCTGATTTCCGCAAAAATGTGCTAA	

KWMTBOMO04623_enh1_F	tatatatgagtaaacttggctcgacagcggATGCACAAGCTCCGTTTGAAGAAGG	Amplification of <i>KWMTBOMO04623</i> enhancer1
KWMTBOMO04623_enh1_R	gtaaccactgcagtggttagcattgcggaCTTATAATCGCATAGAAATTTGAAACCA	with homologous arms (lowercase letters)
KWMTBOMO04623_enh2_F	tatatatgagtaaacttggctcgacagcggCATAGTACTCCTAGTGTTGTATCGCGTGA	Amplification of <i>KWMTBOMO04623</i> enhancer2
KWMTBOMO04623_enh2_R	gtaaccactgcagtggttagcattgcggaAACAGCCTGCCTCGAATCCGGAAGTTAT	with homologous arms (lowercase letters)
KWMTBOMO04623_enh3_F	tatatatgagtaaacttggctcgacagcggGTTTGAAGCATTTTAGATTTAAATTTATA	Amplification of <i>KWMTBOMO04623</i> enhancer3
KWMTBOMO04623_enh3_R	gtaaccactgcagtggttagcattgcggaAGATTACTTAGCTACCCTATGAAGTTGG	with homologous arms (lowercase letters)
KWMTBOMO04623_enh4_F	tatatatgagtaaacttggctcgacagcggTCCGACACAATTCATGACATTGTCAGG	Amplification of <i>KWMTBOMO04623</i> enhancer4
KWMTBOMO04623_enh4_R	gtaaccactgcagtggttagcattgcggaCTACACATCGTTTGGGCCAGTGGATATAA	with homologous arms (lowercase letters)
KWMTBOMO04623_enh5_F	tatatatgagtaaacttggctcgacagcggCGCAATAAGTGTTCTTTTATTAATAAAAAA	Amplification of <i>KWMTBOMO04623</i> enhancer5
KWMTBOMO04623_enh5_R	gtaaccactgcagtggttagcattgcggaTGTTTCCTTCACACCGCTGCGGTAA	with homologous arms (lowercase letters)
KWMTBOMO04623_enh6_F	tatatatgagtaaacttggctcgacagcggTTTAATAACGCAGCAAGGTTCTGCGGTCA	Amplification of <i>KWMTBOMO04623</i> enhancer6
KWMTBOMO04623_enh6_R	gtaaccactgcagtggttagcattgcggaATGGAACCTAAGTAAACGAAGTCTGCAC	with homologous arms (lowercase letters)
KWMTBOMO04623_enh7_F	tatatatgagtaaacttggctcgacagcggCTTTGGGCGCAAAAAATCAGCAAATAG	Amplification of <i>KWMTBOMO04623</i> enhancer7
KWMTBOMO04623_enh7_R	gtaaccactgcagtggttagcattgcggaAAAAACCTTATGAATGTAATCTAAATGA	with homologous arms (lowercase letters)
KWMTBOMO05356_enh1_F	tatatatgagtaaacttggctcgacagcggAACTTCCTCGTCTAGACTGAGCTCACGA	Amplification of <i>KWMTBOMO05356</i> enhancer1
KWMTBOMO05356_enh1_R	gtaaccactgcagtggttagcattgcggaGTCATTGACAATCCGATGTGTGAAT	with homologous arms (lowercase letters)
KWMTBOMO05356_enh2_F	tatatatgagtaaacttggctcgacagcggTATCAAGAAAAAGTTCAAAATAATCTGA	Amplification of <i>KWMTBOMO05356</i> enhancer2
KWMTBOMO05356_enh2_R	gtaaccactgcagtggttagcattgcggaACGTGAGGAAAACGATAGAAAATTAAC	with homologous arms (lowercase letters)
KWMTBOMO05356_enh3_F	tatatatgagtaaacttggctcgacagcggCCATTCCATACAAATATGATCTAACTT	Amplification of <i>KWMTBOMO05356</i> enhancer3
KWMTBOMO05356_enh3_R	gtaaccactgcagtggttagcattgcggaCTCAAAAAGTCCACTGAAAAATCTCAG	with homologous arms (lowercase letters)
KWMTBOMO05588_enh1_F	tatatatgagtaaacttggctcgacagcggTAGTGTAATCAGTAGCAAGCAGGGCAG	Amplification of <i>KWMTBOMO05588</i> enhancer1
KWMTBOMO05588_enh1_R	gtaaccactgcagtggttagcattgcggaGCCATAACACGGATTCTTAATTTGGGGT	with homologous arms (lowercase letters)
KWMTBOMO05588_enh2_F	tatatatgagtaaacttggctcgacagcggTCAGGCACCCGTCTGGGCGTAGCTGAAA	Amplification of <i>KWMTBOMO05588</i> enhancer2
KWMTBOMO05588_enh2_R	gtaaccactgcagtggttagcattgcggaTATTGTAGGAATCGTGCATGCAGAGATGC	with homologous arms (lowercase letters)
KWMTBOMO13292_enh1_F	tatatatgagtaaacttggctcgacagcggCCTTCCCGCCAAAAAGTCCAGGCTAAAGT	Amplification of <i>KWMTBOMO13292</i> enhancer1
KWMTBOMO13292_enh1_R	gtaaccactgcagtggttagcattgcggaTGCGCTTGAAACATTCCACAAACATGTGG	with homologous arms (lowercase letters)
KWMTBOMO13292_enh2_F	atatatgagtaaacttggctcgacagcggTATACTTATTCCTATTAAAGTATAAATTC	Amplification of <i>KWMTBOMO13292</i> enhancer2
KWMTBOMO13292_enh2_R	gtaaccactgcagtggttagcattgcggaTCTAGTTTGATACCTGTATTGTTCCGCAT	with homologous arms (lowercase letters)
KWMTBOMO15542_enh1_F	tatatatgagtaaacttggctcgacagcggTCAGCCAGTAGAGGTGGGATTTGCTAAC	Amplification of <i>KWMTBOMO15542</i> enhancer1
KWMTBOMO15542_enh1_R	gtaaccactgcagtggttagcattgcggaCTCTTCGTGCTTAAATCGAAAGCGCT	with homologous arms (lowercase letters)
KWMTBOMO15542_enh2_F	tatatatgagtaaacttggctcgacagcggTAGATCCGTCAATCTGACCAATCAACGTG	Amplification of <i>KWMTBOMO15542</i> enhancer2
KWMTBOMO15542_enh2_R	gtaaccactgcagtggttagcattgcggaGTGTGCTTATCCATGAAACCGGAACGT	with homologous arms (lowercase letters)
KWMTBOMO15542_enh3_F	gtaaccactgcagtggttagcattgcggaTTGGAACCATCTCTATTATAACCGCTGC	Amplification of <i>KWMTBOMO15542</i> enhancer3
KWMTBOMO15542_enh3_R	gtaaccactgcagtggttagcattgcggaGCGGGTCTTCTGCGAAAAGTCTCTTGCT	with homologous arms (lowercase letters)
KWMTBOMO15542_enh4_F	tatatatgagtaaacttggctcgacagcggAATCAGATCATTCAAATCAAATAATTA	Amplification of <i>KWMTBOMO15542</i> enhancer4
KWMTBOMO15542_enh4_R	gtaaccactgcagtggttagcattgcggaATTCCTCAGGAATAATTTTCTCAA	with homologous arms (lowercase letters)
KWMTBOMO15542_enh5_F	tatatatgagtaaacttggctcgacagcggACGCATCTAGTTAATTGCCATAGTGTT	Amplification of <i>KWMTBOMO15542</i> enhancer5
KWMTBOMO15542_enh5_R	gtaaccactgcagtggttagcattgcggaATAATTACTGGTGGTAGGACCTCTTGTTG	with homologous arms (lowercase letters)
KWMTBOMO16000_enh1_F	tatatatgagtaaacttggctcgacagcggATCAATCCAGTCGCAATTAACCTGGTG	Amplification of <i>KWMTBOMO16000</i> enhancer1
KWMTBOMO16000_enh1_R	gtaaccactgcagtggttagcattgcggaGGTCGTCTTACCAACGAAAAATGTATCG	with homologous arms (lowercase letters)
KWMTBOMO16000_enh2_F	tatatatgagtaaacttggctcgacagcggACTTACGAAATGTTCAACAATTGCACGA	Amplification of <i>KWMTBOMO16000</i> enhancer2
KWMTBOMO16000_enh2_R	gtaaccactgcagtggttagcattgcggaGCTGCTAACTGGCCCTAGGAAGAGCATTC	with homologous arms (lowercase letters)
KWMTBOMO16000_enh3_F	tatatatgagtaaacttggctcgacagcggAACCTTCAGACACACCTCACTGAGTTTCT	Amplification of <i>KWMTBOMO16000</i> enhancer3

KWMTBOMO16000_enh3_R	gtaaccactgcagtggttagcattgcggGCTCTCAGCTTAGGGAAAGAAAGAAGA	with homologous arms (lowercase letters)
KWMTBOMO16000_enh4_F	tatatatgagtaaacttggtctgacagcggGACAGAATGCGATATAATACGCATTTTCAG	Amplification of <i>KWMTBOMO16000</i> enhancer4
KWMTBOMO16000_enh4_R	gtaaccactgcagtggttagcattgcggCATGAATTCGAAGCCTGGATTTTATGTGA	
KWMTBOMO16000_enh5_F	tatatatgagtaaacttggtctgacagcggCAACTTGAGACTTTTCATTCTAAATTTTA	Amplification of <i>KWMTBOMO16000</i> enhancer5
KWMTBOMO16000_enh5_R	gtaaccactgcagtggttagcattgcggATAAATTTCAAGTGCTTCTTCATATTTTG	
KWMTBOMO16284_enh1_F	tatatatgagtaaacttggtctgacagcggGCCTTTTGATACCTTCGTACGCACGAT	Amplification of <i>KWMTBOMO16284</i> enhancer1
KWMTBOMO16284_enh1_R	gtaaccactgcagtggttagcattgcggTAATTCCTCTTAAATATAATCAATTAGC	
KWMTBOMO16284_enh2_F	tatatatgagtaaacttggtctgacagcggATGAGTGTGGACTCCCTACACTAGTTGC	Amplification of <i>KWMTBOMO16284</i> enhancer2
KWMTBOMO16284_enh2_R	gtaaccactgcagtggttagcattgcggCCCTTCTTTGATGATTCCCTAAGCCACCT	
KWMTBOMO16284_enh3_F	tatatatgagtaaacttggtctgacagcggAACGCTGAAGTGTCTTTTCCAGATGCGA	Amplification of <i>KWMTBOMO16284</i> enhancer3
KWMTBOMO16284_enh3_R	gtaaccactgcagtggttagcattgcggTTTGATATGCTCTCCGTCGGACGGATTTC	
KWMTBOMO16299_enh1_F	tatatatgagtaaacttggtctgacagcggAATTGGTCAGAAGTTTTGTGGAAACTGCA	Amplification of <i>KWMTBOMO16299</i> enhancer1
KWMTBOMO16299_enh1_R	gtaaccactgcagtggttagcattgcggACTTTGAATAATAAAATACAACGATTGTG	
KWMTBOMO16299_enh2_F	tatatatgagtaaacttggtctgacagcggAATAAAAGTTTTATGAAAACGAAATGTC	Amplification of <i>KWMTBOMO16299</i> enhancer2
KWMTBOMO16299_enh2_R	gtaaccactgcagtggttagcattgcggGTTTTAGTAAGGATCCGTAATTTTTTTTT	
KWMTBOMO16299_enh3_F	tatatatgagtaaacttggtctgacagcggCAATCCTCGCGAGTTTATTATCAAGTTC	Amplification of <i>KWMTBOMO16299</i> enhancer3
KWMTBOMO16299_enh3_R	gtaaccactgcagtggttagcattgcggCCAAAAAATAAATCTTTAATTTTCATCCT	
KWMTBOMO16299_enh4_F	tatatatgagtaaacttggtctgacagcggATTACCAAGTTGTCTTTAAAAAGTC	Amplification of <i>KWMTBOMO16299</i> enhancer4
KWMTBOMO16299_enh4_R	gtaaccactgcagtggttagcattgcggTAGGGTGGTGGTACCCACCGCGCGGACT	
KWMTBOMO16299_enh5_F	tatatgagtaaacttggtctgacagcggTCATACGCACACAAAGAACTTAAAAAATA	Amplification of <i>KWMTBOMO16299</i> enhancer5
KWMTBOMO16299_enh5_R	gtaaccactgcagtggttagcattgcggACGTTGGGATTGTTATTAATAAGATAAGA	
3'PB_F	AAGATCCTTTGATCTTTTCTACGGGGTCTGCGGTATTCACGACAGCAGGC	Construction of PB-luc-Zeo and PB-Ctr-Zeo by assembling inverted terminal repeats (ITR) of piggyBac, and fragments cloned from pNL1.1, pGL4.10 and pIZ/V5-His using Gibson assembly
3'PB_R	cttaacgtgagtttctccactgagcgtTAATAAGTATAATTTGTTTCTATTA	
5'PB_R	ctggcctttgtcacatgttcttctgcCACAAATGTGGTTTTTGTCAAACGAA	
5'PB_F	cagatgtaatgaaaataaagataatttattTTTTATTATATATTAGTCACGATAT	
pIZ_box_F	ACGCTCAGTGGAACGAAAAAC	
pIZ_ori_F	GCAGGAAAGAACATGTGAGC	
pIZ_ori_R	CAGACCCCGTAGAAAAGATC	
pIZ_box_R	aagcaagtaaaacctctacaatgtggaGATCCAGACATGATAAGATACATTG	
pGL_HY_F	ATAGATATCGTGACTAATATATAATAAAaataaaatatctttttcattacatctg	
pGL_HY_R	agatgtaatgaaaataaagataatttatttaccacattgtagaggtttacttgcttt	
pNL_HY_F	aaagcaagtaaaacctctacaatgtggaataaaatatcttttttattacatct	
pNL_HY_R	CTCATCAATGTATCTTATCATGTCTGGATCtaccacattgtagaggtttacttgctt	
PB_enh_HY_box_F	ccgcaaatgctaaccactgcagtggttacTAATAAGTATAATTTGTTTCTATTA	
PB_enh_HY_box_R	ccgctgtcagaccaagtttactcatatataACGCTCAGTGGAACGAAAAAC	
qgp41-F	GCACATCAACATGATCAACG	qRT-PCR of gp41 for analysis of viral genome copies
qgp41-R	TAAACTCATGATTGCGGCTC	
qrpl27_gDNA-F	GCAATCACGAAGTGTTTAAGC	Normalization of viral gDNA copy number
qrpl27_gDNA-R	AGCACTACTTTACCCGGCTTC	