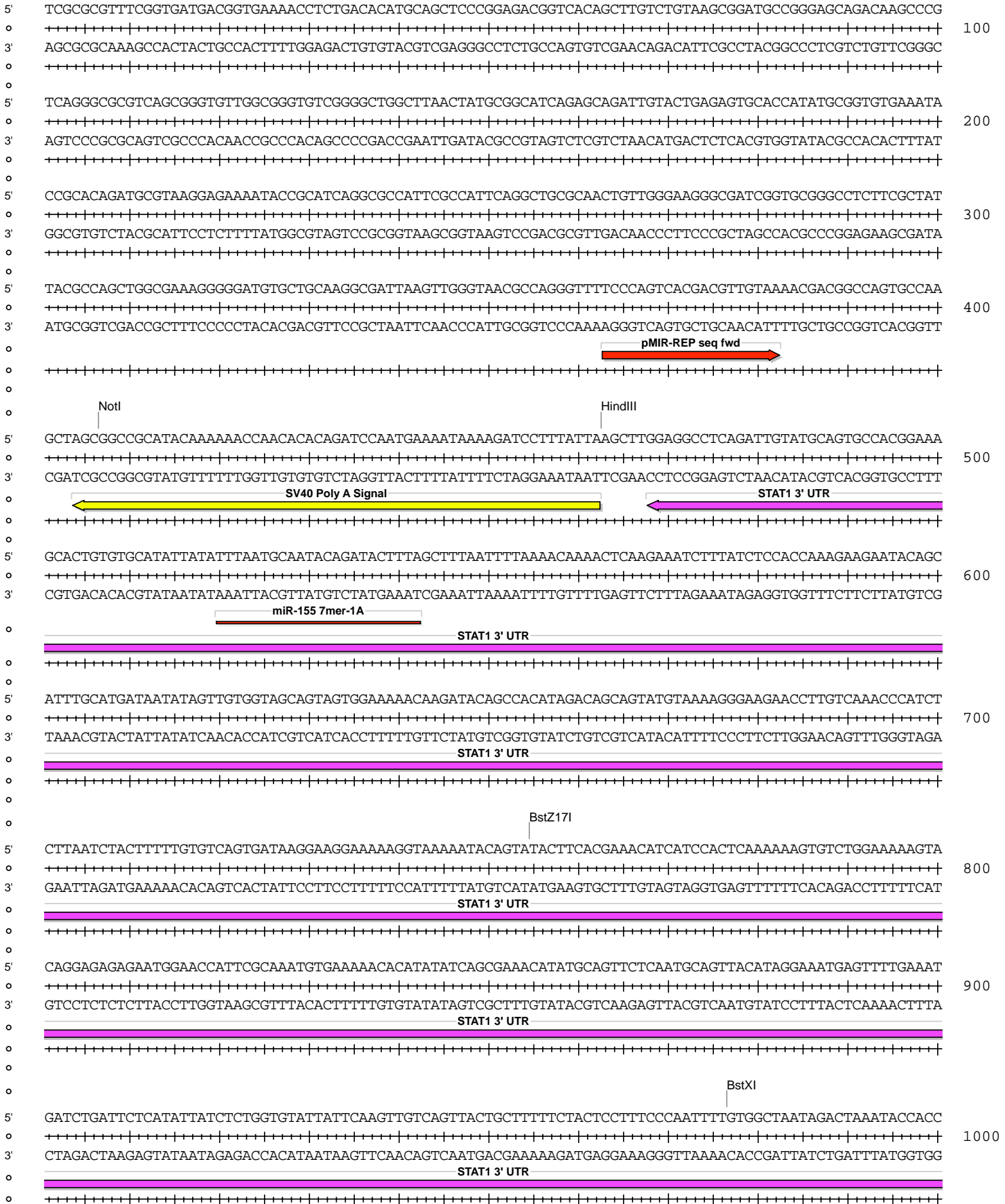


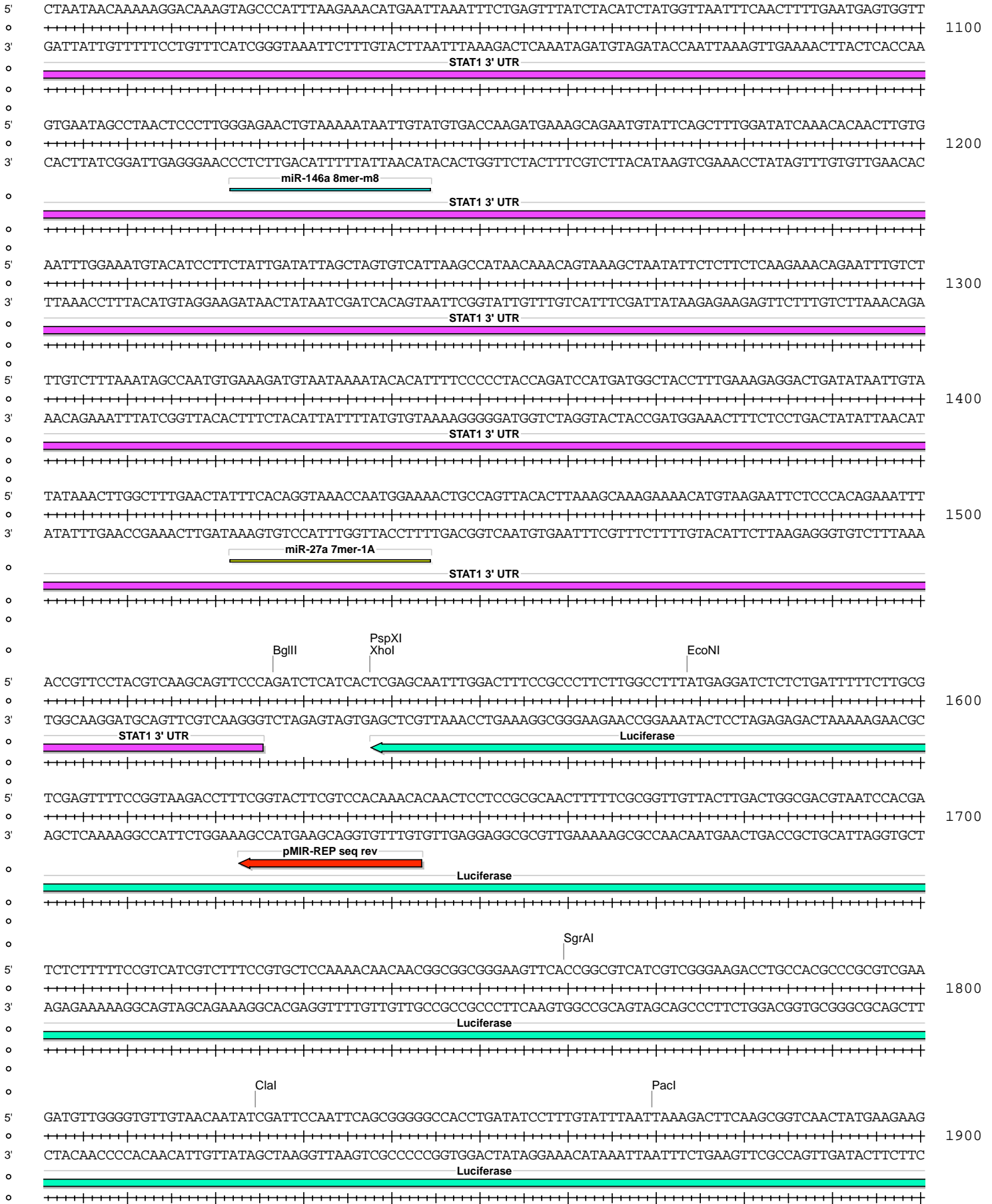
## pMIR-REP-dCMV-STAT1 3' UTR (392-1449) wt

Absent Sites	0	AarI, AbsI, AfeI, AfIII, AleI, ApaI, AscI, AsiSI, BaeI, BaeI', BarI, BarI', BbvCI, BclI, BlnI, BmgBI, Bpu10I, BsgI, EcoICRI, Fall, Fall', FseI, FspAI, MauBI, MluI, MreI, NaeI, NgoMIV, NruI, PaeI, PflMI, PmeI, PmlI, PshAI, PspOMI, SacI, SanDI, SgrDI, SpeI, SrfI, SwaI
Acc65I	1	3462 (7132)
AgeI	1	6765 (7132)
AhdI	1	4819 (7132)
AjuI	1	2308 (7132)
AjuI'	1	2340 (7132)
Alol	1	3221 (7132)
Alol'	1	3189 (7132)
Arsl	1	2009 (7132)
Arsl'	1	2041 (7132)
AvrII	1	6816 (7132)
BamHI	1	3197 (7132)
BglII	1	1527 (7132)
BsaBI	1	5981 (7132)
BsmI	1	5894 (7132)
BssHII	1	6249 (7132)
BstXI	1	977 (7132)
BstZ17I	1	755 (7132)
Bsu36I	1	2576 (7132)
BtgZI	1	3447 (7132)
ClaI	1	1825 (7132)
CspCI	1	3411 (7132)
CspCI'	1	3376 (7132)
EcoNI	1	1574 (7132)
EcoO109I	1	2010 (7132)
HindIII	1	463 (7132)
HpaI	1	5880 (7132)
KpnI	1	3466 (7132)
MscI	1	6333 (7132)
NotI	1	407 (7132)
PaeI	1	1870 (7132)
PpuMI	1	2010 (7132)
PspXI	1	1538 (7132)
Psrl	1	3059 (7132)
Psrl'	1	3027 (7132)
PstI	1	6788 (7132)
RsrII	1	6589 (7132)
SacII	1	6496 (7132)
Sall	1	6596 (7132)
SbfI	1	6788 (7132)
Scal	1	5299 (7132)
SfiI	1	6870 (7132)
SgrAI	1	1760 (7132)
SnaBI	1	3445 (7132)
Tth111I	1	6665 (7132)
XhoI	1	1538 (7132)

pMIR-REP-dCMV-STAT1 3' UTR (392-1449) wt



pMIR-REP-dCMV-STAT1 3' UTR (392-1449) wt



pMIR-REP-dCMV-STAT1 3' UTR (392-1449) wt

5' TGTTTCGTCTTCGTCCCAGTAAGCTATGTCTCCAGAATGTAGCCATCCATCCTTGTCAATCAAGGCGTTGGTCGCTTCCGGATTGTTTACATAACCCGGACA  
 2000  
 3' ACAAGCAGAAGCAGGGTCATTCGATACAGAGGTCTTACATCGGTAGGTAGGAACAGTTAGTTCCGCAACCAGCGAAGGCCTAACAAATGTATTGGCCTGT  
 Luciferase

5' TAATCATAGGTCTCTGACACATAAATCGCCTCTCTGATTAACGCCAGCGTTTTCCGGTATCCAGATCCACAACCTTCGCTTCAAAAAATGGAACAAC  
 2100  
 3' ATTAGTATCCAGGAGACTGTGTATTAAGCGGAGAGACTAATTGCGGGTCGCAAAGGCCATAGGTCTAGGTGTGGAAGCGAAGTTTTTTACCTTGTG  
 Luciferase

5' TTTACCGACCGCGCCCGTTTTATCATCCCCCTCGGGTGAATCAGAATAGCTGATGTAGTCTCAGTGAGCCCATATCCTTGTGCTATCCCTGGAAGATGG  
 2200  
 3' AAATGGCTGGCGCGGCCAAATAGTAGGGGAGCCACATTAGTCTTATCGACTACATCAGAGTCACCTCGGGTATAGGAACAGCATAGGGACCTTCTACC  
 Luciferase

5' AAGCGTTTTGCAACCGCTTCCCCGACTTCTTTTCGAAAGAGGTGCGCCCCCAGAAGCAATTCGTGTAAATTAGATAAATCGTATTTGTCAATCAGAGTGC  
 2300  
 3' TTCGCAAACGTTGGCGAAGGGGCTGAAGAAAGCTTCTCCACGCGGGGTCTTCGTTAAAGCACATTTAATCTATTTAGCATAAACAGTTAGTCTCACG  
 Luciferase

5' TTTTGGCGAAGAATGAAAATAGGGTTGGTACTAGCAACGCACTTTGAATTTGTAACTCTGAAGGGATCGTAAAAACAGCTCTTCTTCAAATCTATACAT  
 2400  
 3' AAAACCGCTTCTTACTTTTATCCCAACCATGATCGTTGCGTGAAACTTAAAAACATTAGGACTTCCCTAGCATTTTGTGCGAGAAGAAGTTTAGATATGTA  
 Luciferase

5' TAAGACGACTCGAAATCCACATATCAAATATCCGAGTGTAGTAAACATTCCAAACCGTGATGGAATGGGACAACACTTAAATCGCAGTATCCGGAACG  
 2500  
 3' ATTCCTGCTGAGCTTTAGGTGTATAGTTTATAGGCTCACATCATTTGTAAGTTTTGGCACTACCTTACCCTGTTGTGAATTTAGCGTCATAGGCCTTGC  
 Luciferase

5' ATTTGATTGCCAAAAATAGGATCTCTGGCATGCGAGAATCTGACGAGGCAGTTCTATGCGGAAGGGCCACACCCTTAGGTAACCCAGTAGATCCAGAGG  
 2600  
 3' TAAACTAACGGTTTTTATCCTAGAGACCGTACGCTCTTAGACTGCGTCCGTCAAGATACGCCTTCCCGGTGTGGGAATCCATTGGGTCACTAGGTCTCC  
 Luciferase

5' AATTCATTATCAGTGCAATTGTTTTGTGTCACGATCAAAGGACTCTGGTACAAAATCGTATTCATTAACCAGGGAGGTAGATGAGATGTGACGAACGTGTA  
 2700  
 3' TTAAGTAATAGTCACGTTAACAAAACAGTGCTAGTTTCCCTGAGACCATGTTTTCAGCATAAGTAATTTTGGCCCTCCATCTACTCTACACTGCTTGACAT  
 Luciferase

5' CATCGACTGAAATCCCTGGTAATCCGTTTTAGAAATCCATGATAATAATTTCTGGATTATTGGTAATTTTTTTTGCACGTTCAAAAATTTTTGCAACCCC  
 2800  
 3' GTAGCTGACTTTAGGGACCATTAGGCAAATCTTAGGTACTATTATTAAGACCTAATAACCATTAAAAAACGTCAGTTTAAAAAACGTTGGGG  
 Luciferase

ArsI  
EcoO109I  
PpuMI

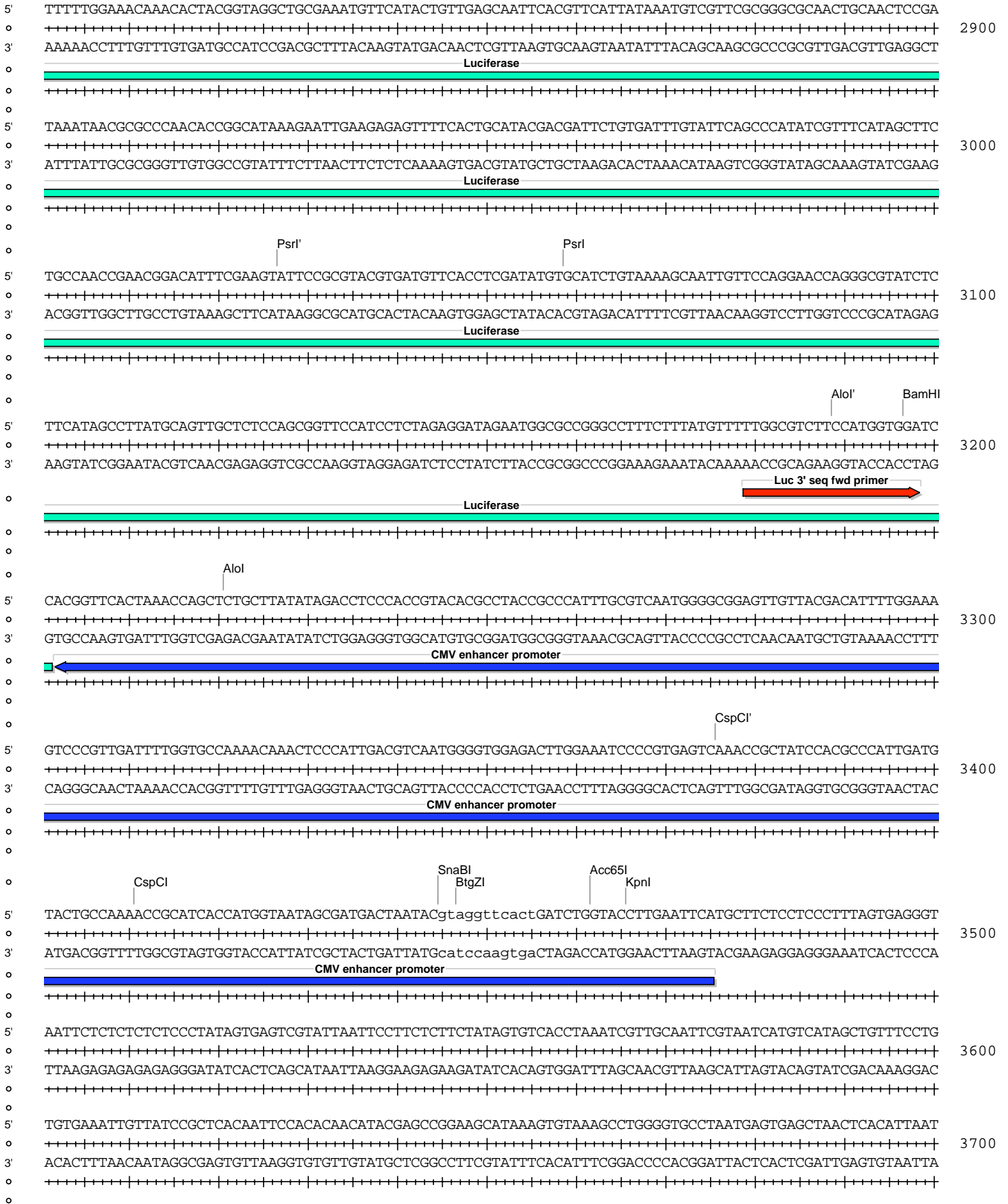
ArsI'

AjuI

AjuI'

Bsu36I

pMIR-REP-dCMV-STAT1 3' UTR (392-1449) wt









pMIR-REP-dCMV-STAT1 3' UTR (392-1449) wt



