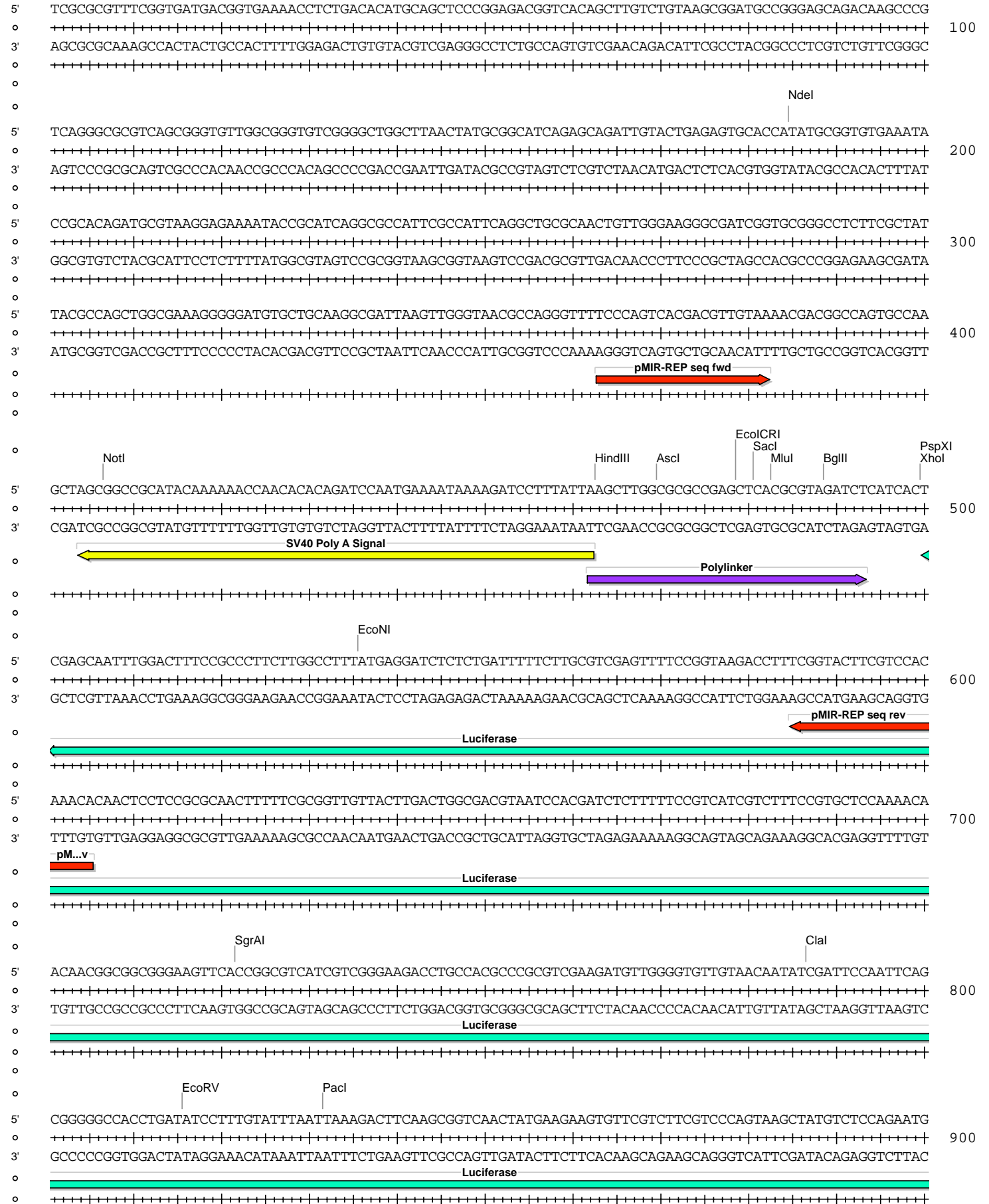
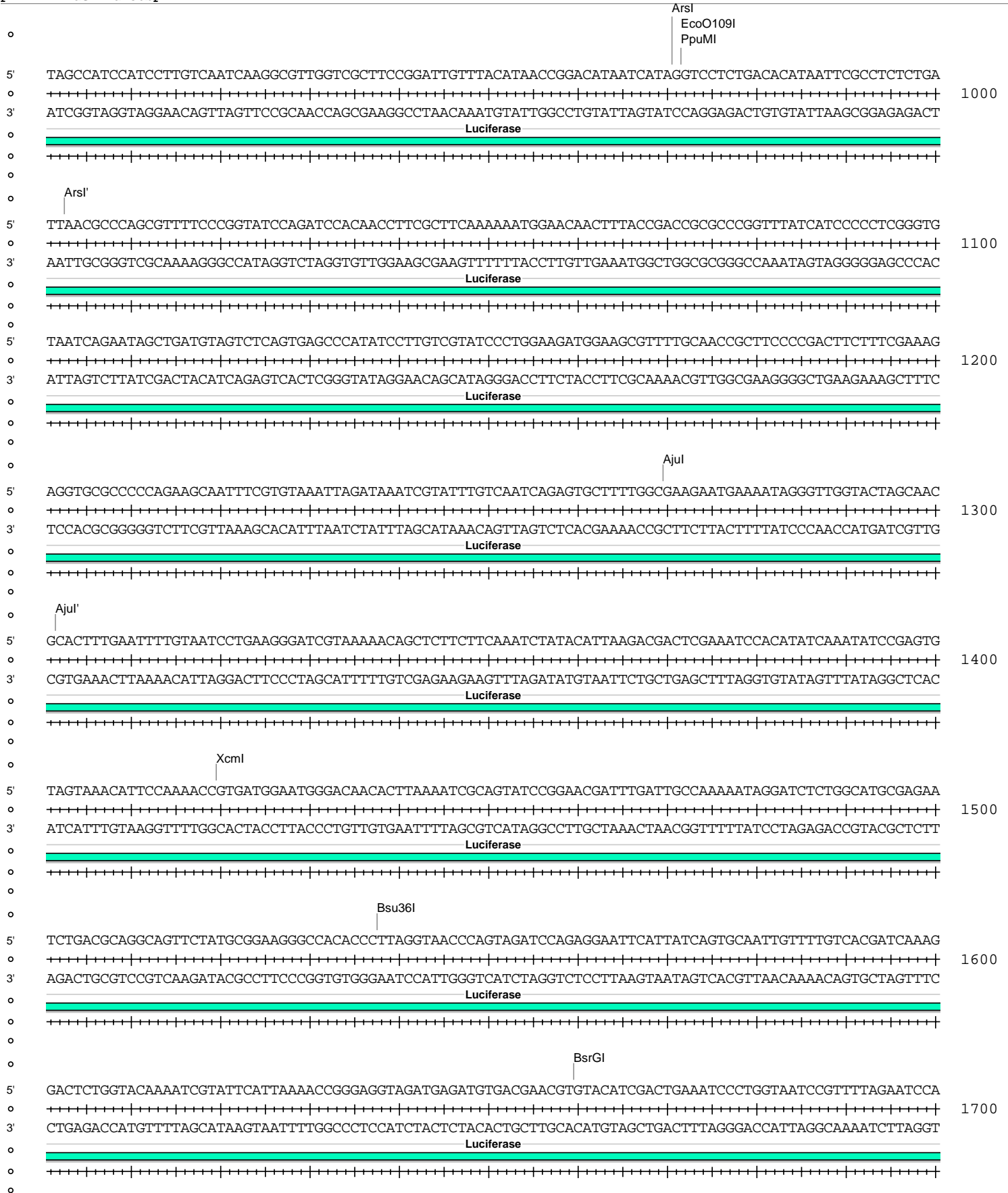


pMIR-REP-dCMV-d150bp

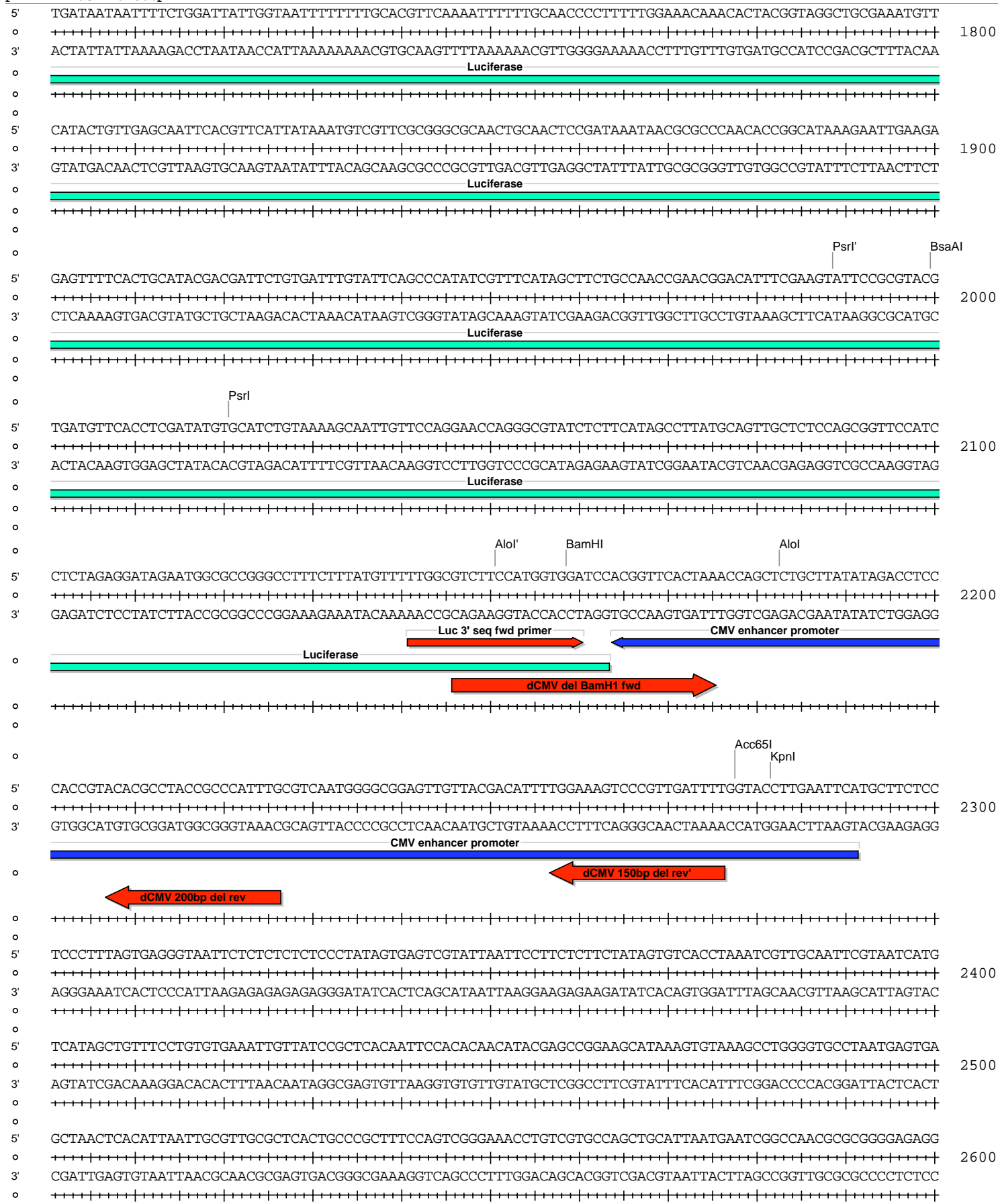
Absent Sites	0	AarI,AbstI,AfeI,AfIII,AleI,ApaI,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,BtgZI,CspCI,CspCI',Fall,Fall',FseI,FspAI,MauBI,MreI,NaeI,NgmIV,NruI,PasI,PfiMI,PmeI,PmlI,PshAI,PspOMI,SanDI,SgrDI,SnaBI,SpeI,SrfI,Swal
Acc65I	1	2278 (5948)
Accl	1	5413 (5948)
AgeI	1	5581 (5948)
AhdI	1	3635 (5948)
AjuI	1	1270 (5948)
AjuI'	1	1302 (5948)
Alol	1	2183 (5948)
Alol'	1	2151 (5948)
AlwNI	1	3158 (5948)
Arsl	1	971 (5948)
Arsl'	1	1003 (5948)
Ascl	1	470 (5948)
AvrII	1	5632 (5948)
BamHI	1	2159 (5948)
BglII	1	489 (5948)
BsaAI	1	2000 (5948)
BsaBI	1	4797 (5948)
BsmI	1	4710 (5948)
BsrGI	1	1660 (5948)
Bsu36I	1	1538 (5948)
Clal	1	787 (5948)
DraIII	1	4956 (5948)
EcoICRI	1	479 (5948)
EcoNI	1	536 (5948)
EcoO109I	1	972 (5948)
EcoRV	1	816 (5948)
HindIII	1	463 (5948)
HpaI	1	4696 (5948)
KpnI	1	2282 (5948)
MluI	1	483 (5948)
MscI	1	5149 (5948)
NdeI	1	185 (5948)
NotI	1	407 (5948)
PacI	1	832 (5948)
PciI	1	2742 (5948)
PpuMI	1	972 (5948)
PspXI	1	500 (5948)
Psrl	1	2021 (5948)
Psrl'	1	1989 (5948)
PstI	1	5604 (5948)
RsrII	1	5405 (5948)
SacI	1	481 (5948)
SacII	1	5312 (5948)
Sall	1	5412 (5948)
SbfI	1	5604 (5948)
Scal	1	4115 (5948)
SfiI	1	5686 (5948)
SgrAI	1	722 (5948)
SspI	1	4439 (5948)
Tth111I	1	5481 (5948)
XcmI	1	1420 (5948)
XhoI	1	500 (5948)
XmnI	1	4234 (5948)

pMIR-REP-dCMV-d150bp

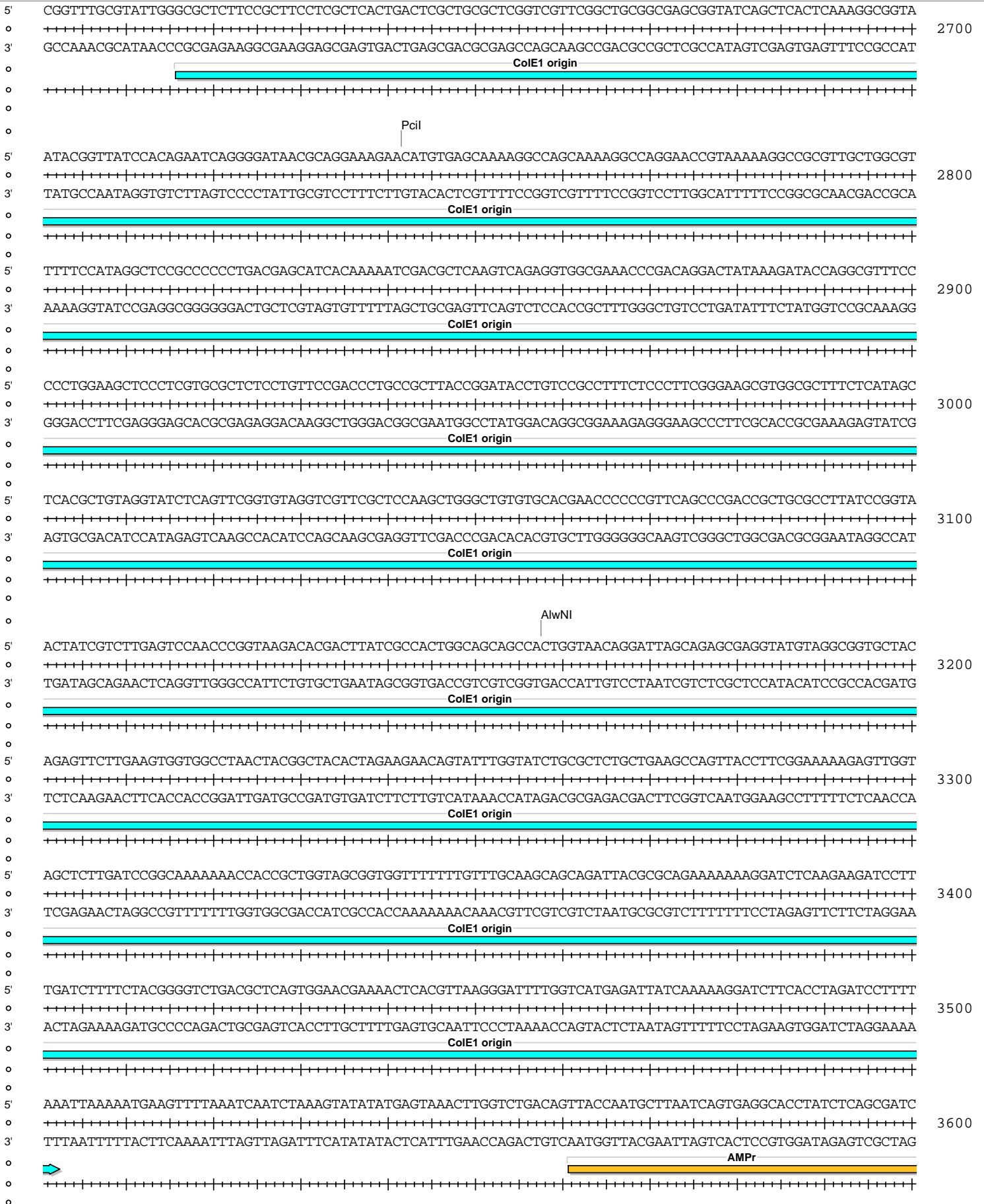




pMIR-REP-dCMV-d150bp



pMIR-REP-dCMV-d150bp



AhdI

5' TGTCTATTTTCGTTTCATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGTGCAATGATACCGC 3700
 ++++
 3' ACAGATAAAGCAAGTAGGTATCAACGGACTGAGGGGCAGCACATCTATTGATGCTATGCCCTCCCGAATGGTAGACCGGGGTCACGACGTTACTATGGCG

AMPr

5' GAGACCCACGCTCACC GGCTCCAGATTATCAGCAATAAACAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCTCCATCCA 3800
 ++++
 3' CTCTGGGTGCGAGTGGCCGAGGTCTAAATAGTCGTTATTTGGTTCGGTCGGCTTCCCGGCTCGCGTCTTACCAGGACGTTGAAATAGGCGGAGGTAGGT

AMPr

5' GTCTATTAATGTTGCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCG 3900
 ++++
 3' CAGATAATTAACAACGGCCCTTCGATCTCATTCAACGGTCAATTATCAACGCGTTGCAACAACGGTAACGATGTCCGTAGCACACAGTGCAGC

AMPr

5' TCGTTTGGTATGGCTTCATTTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAGCGGTTAGCTCCTTCGGTCTC 4000
 ++++
 3' AGCAAACCATACCGAAGTAAGTCGAGGCCAAGGTTGCTAGTTCCGCTCAATGTACTAGGGGTACAACACGTTTTCGCAATCGAGGAAGCCAGGAG

AMPr

5' CGATCGTTGTCAGAAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAATTCTTACTGTCATGCCATCCGTAAGATGCTTTTC 4100
 ++++
 3' GCTAGCAACAGTCTTCATTCAACCGCGTCACAATAGTGAGTACCAATACCGTCGTGACGTATTAAAGAGAATGACAGTACGGTAGGCATTTACGAAAAG

AMPr

ScaI

5' TGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGGCGTCAATACGGGATAATACCGGCCACAT 4200
 ++++
 3' ACCTGACCACTCATGAGTTGGTTCAGTAAGACTCTTATCACATACGCCGCTGGCTCAACGAGAACGGGCCGAGTTATGCCCTATTATGGCGCGGTGTA

AMPr

XmnI

5' AGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTC 4300
 ++++
 3' TCGTCTGAAATTTTCACGAGTAGTAACCTTTTGAAGAAGCCCCGCTTTTGGAGAGTTCTTGAATGGCGACAACCTTAGGTCAAGCTACATTGGGTGAG

AMPr

5' GTGCACCAACTGATCTTCAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAGGGAATAAGGGCGAC 4400
 ++++
 3' CACGTGGGTGACTAGAAAGTCGTAGAAAATGAAAGTGGTCGAAAGACCCACTCGTTTTGTCTTCCGTTTACGGCGTTTTTTCCCTTATTCCCGCTG

AMPr

SspI

5' ACGGAAATGTTGAATACTCATACTCTTCTTTTCAATATTATTGAAGCATTTATCAGGGTTATTGTCTCATGACGGGATACATATTTGAATGTATTAG 4500
 ++++
 3' TGCCTTTACAACCTTATGAGTATGAGAAGGAAAAAGTTATAATAACTTCGTAATAGTCCAATAACAGAGTACTCGCCTATGTATAAACCCTTACATAAATC

AMPr

5' AAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATTATTATCATGACATTAACTATAAAAAATAGGC 4600
 ++++
 3' TTTTATTGTTTATCCCAAGGCGCGTAAAGGGCTTTTTCACGGTGGACTGCAGATTCCTTGGTAATAATAGTACTGTAATTGGATAATTTTATCCG

o



