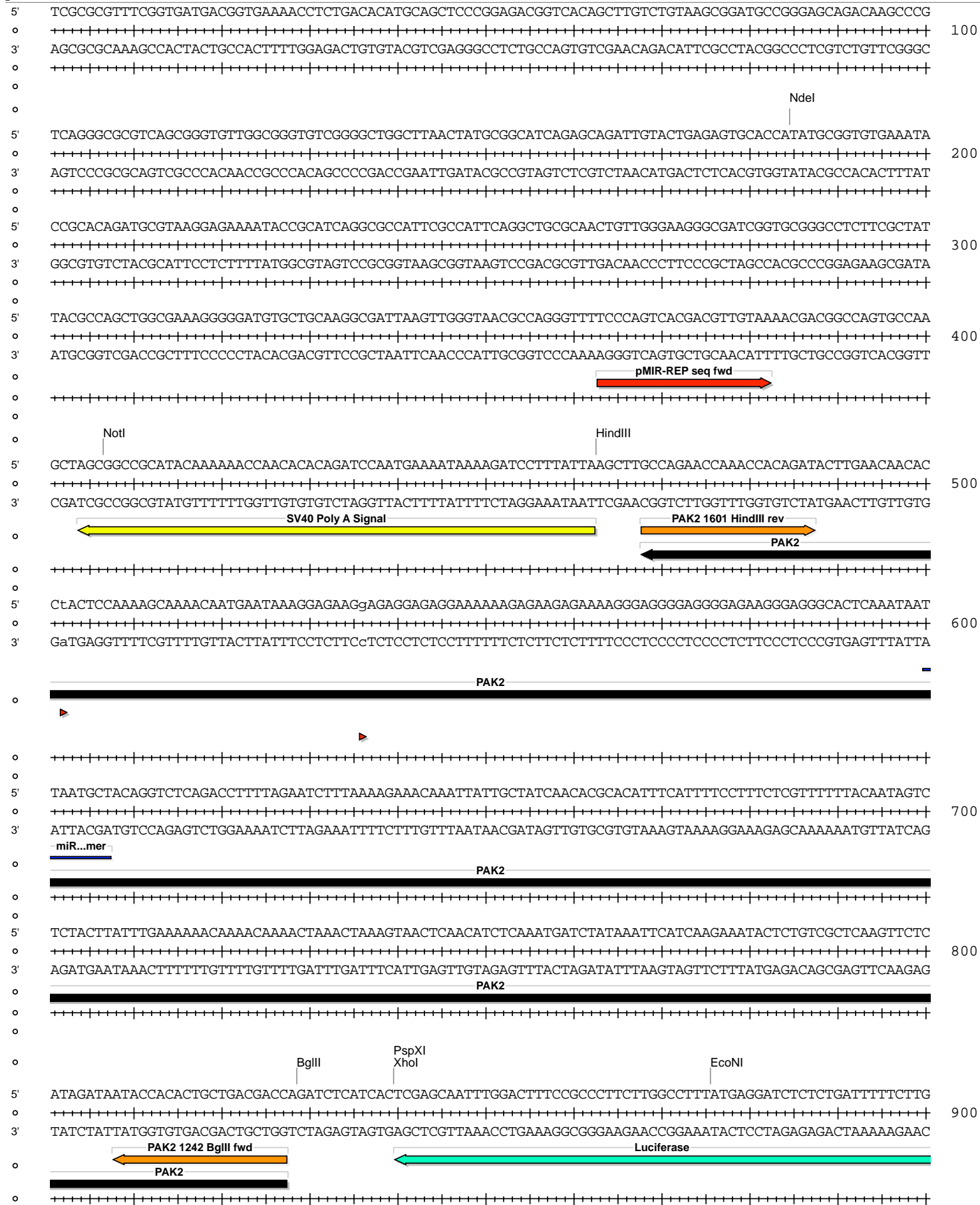
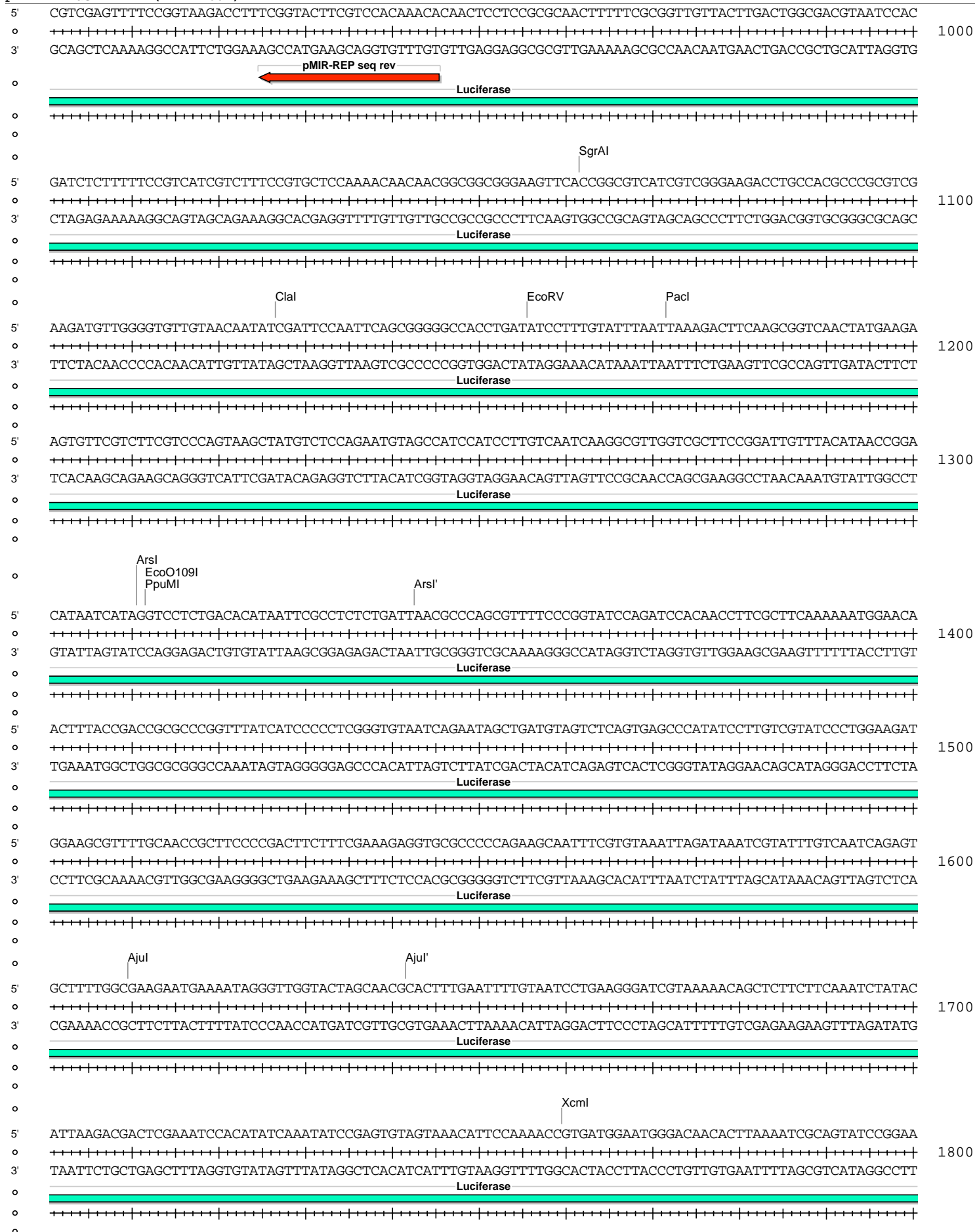


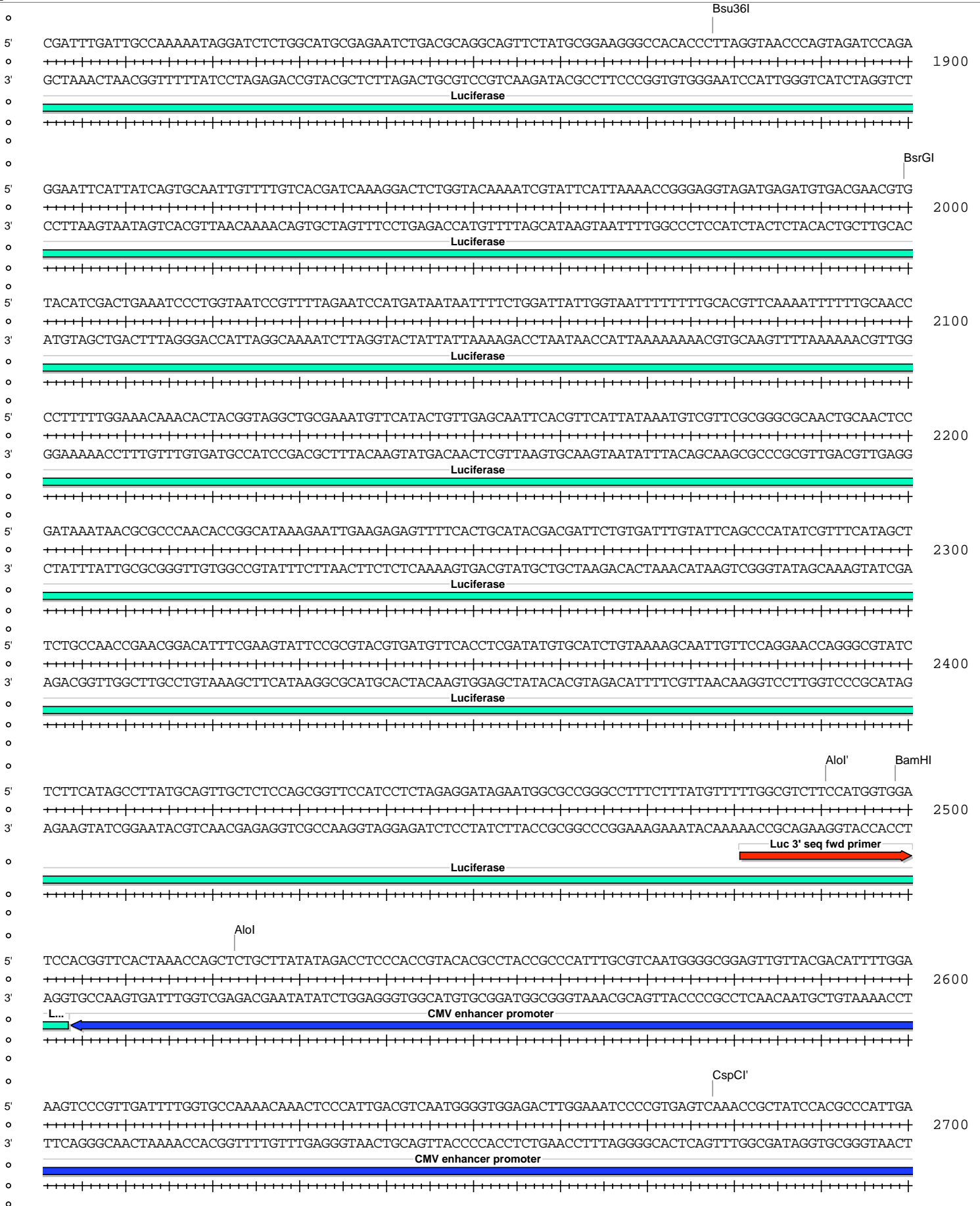
Absent Sites	0	AarI,AbstI,AfeI,AfII,AleI,Apal,Ascl,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,EcoICRI,Fall,Fall',FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,NruI,PaSI,PfIMI,PmeI,PmlI,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	2764 (6434)
AccI	1	5899 (6434)
AgeI	1	6067 (6434)
AhdI	1	4121 (6434)
AjuI	1	1610 (6434)
AjuI'	1	1642 (6434)
Alol	1	2523 (6434)
Alol'	1	2491 (6434)
AlwNI	1	3644 (6434)
Arsl	1	1311 (6434)
Arsl'	1	1343 (6434)
AvrII	1	6118 (6434)
BamHI	1	2499 (6434)
BglII	1	829 (6434)
BsaBI	1	5283 (6434)
BsmI	1	5196 (6434)
BsrGI	1	2000 (6434)
BssHII	1	5551 (6434)
Bsu36I	1	1878 (6434)
BtgZI	1	2749 (6434)
ClaI	1	1127 (6434)
CspCI	1	2713 (6434)
CspCI'	1	2678 (6434)
DraIII	1	5442 (6434)
EcoNI	1	876 (6434)
EcoO109I	1	1312 (6434)
EcoRV	1	1156 (6434)
HindIII	1	463 (6434)
HpaI	1	5182 (6434)
KpnI	1	2768 (6434)
MscI	1	5635 (6434)
NdeI	1	185 (6434)
NotI	1	407 (6434)
Pacl	1	1172 (6434)
PciI	1	3228 (6434)
PpuMI	1	1312 (6434)
PspXI	1	840 (6434)
PstI	1	6090 (6434)
RsrII	1	5891 (6434)
SacII	1	5798 (6434)
Sall	1	5898 (6434)
SbfI	1	6090 (6434)
Scal	1	4601 (6434)
SfiI	1	6172 (6434)
SgrAI	1	1062 (6434)
SnaBI	1	2747 (6434)
SspI	1	4925 (6434)
Tth111I	1	5967 (6434)
XcmI	1	1760 (6434)
XhoI	1	840 (6434)
XmnI	1	4720 (6434)

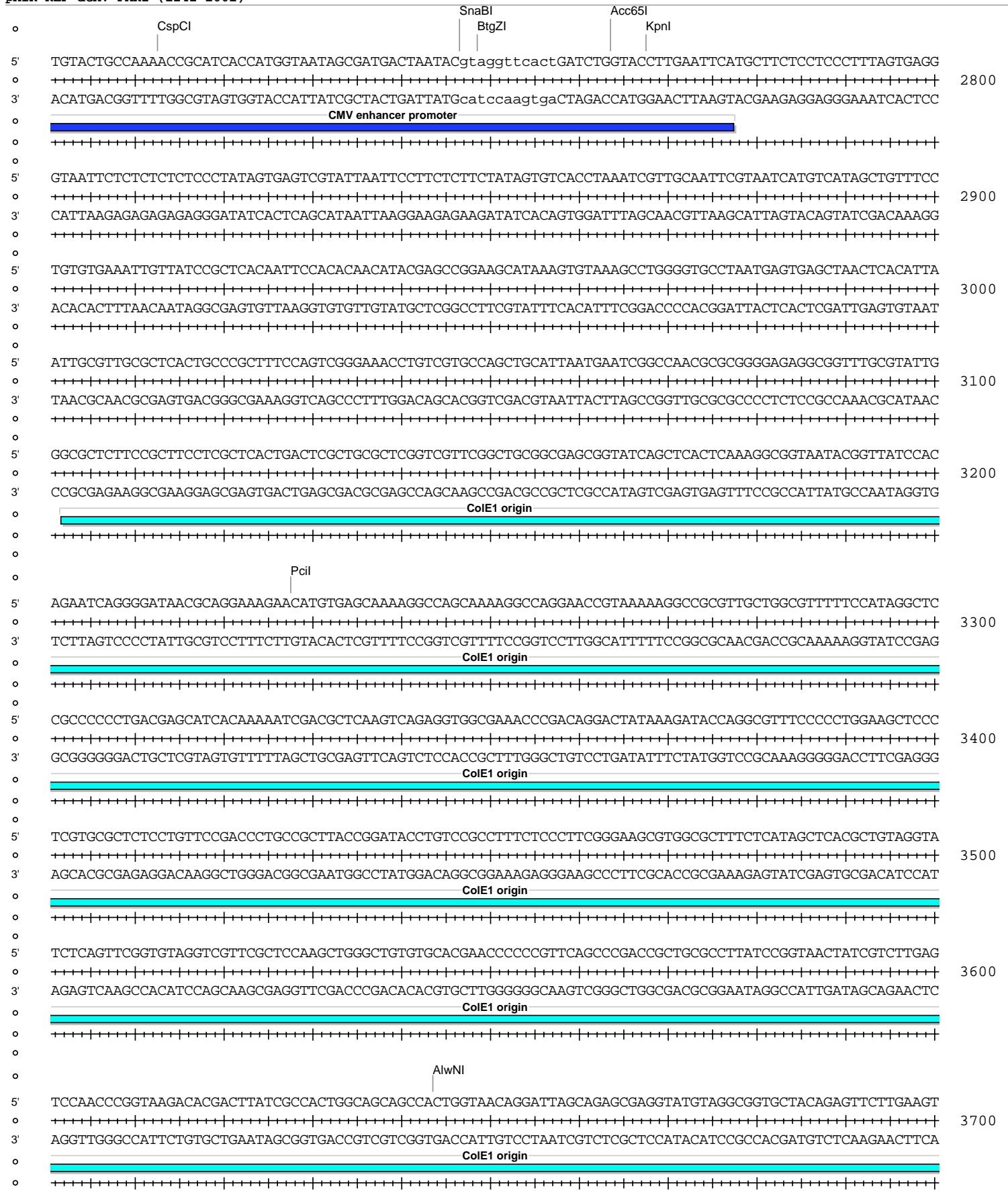
pMIR-REP-dCMV-PAK2 (1242-1601)



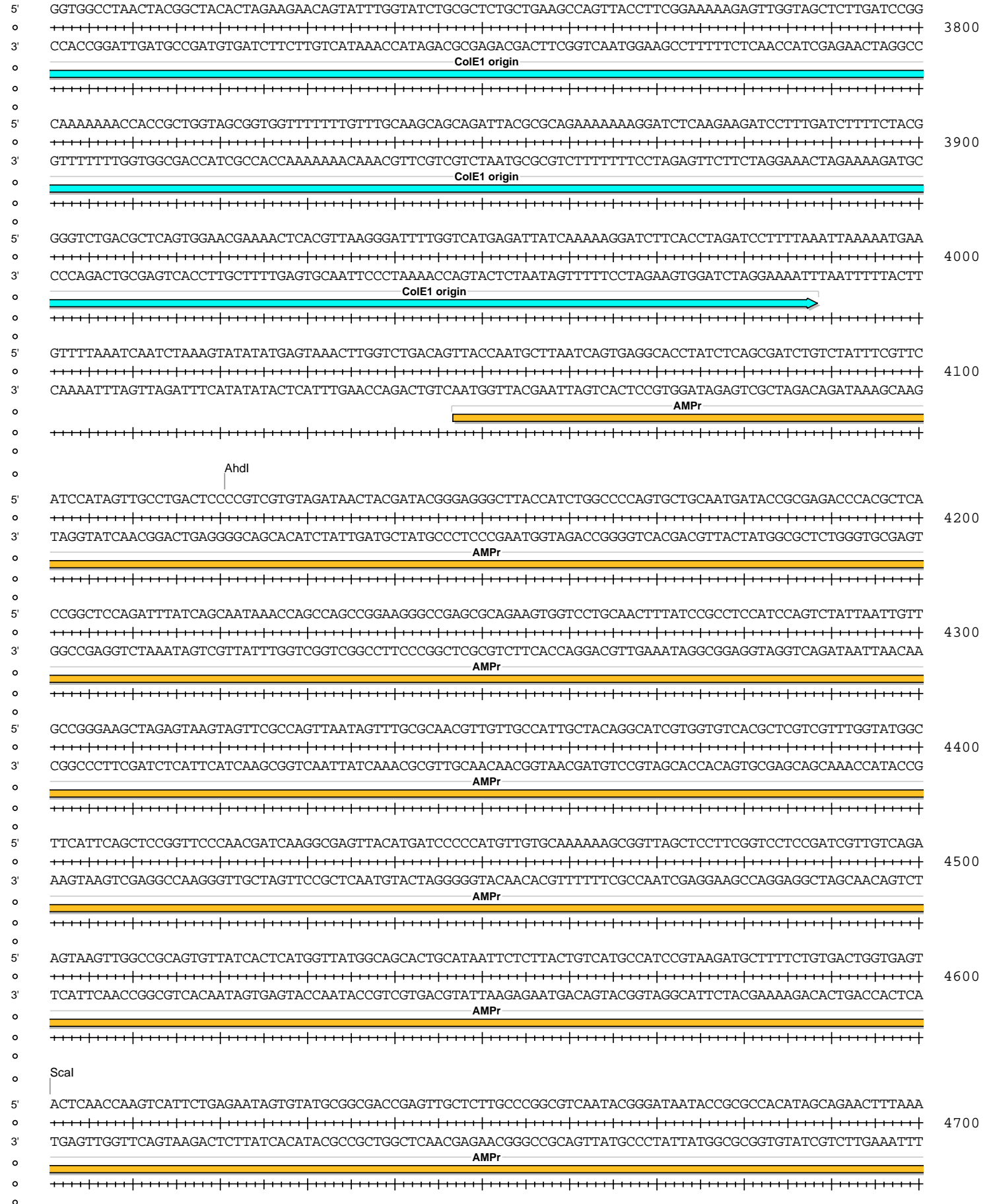
pMIR-REP-dCMV-PAK2 (1242-1601)

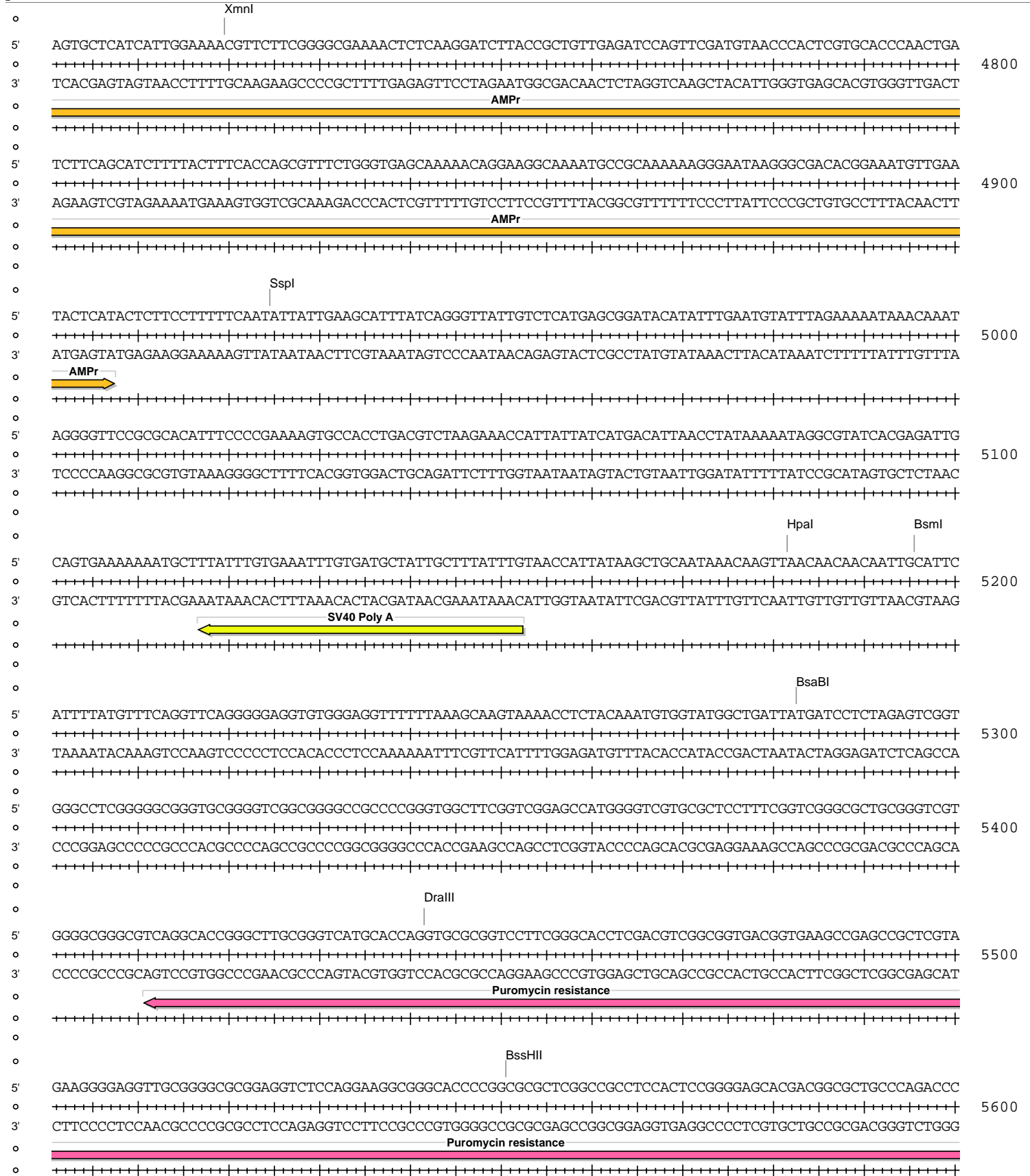






pMIR-REP-dCMV-PAK2 (1242-1601)





MscI

5' TTGCCCTGGTGGTTCGGGCGAGACGCCGACGGTGGCCAGGAACACGCGGGCTCCTTGGGCCGGTGCAGCCAGGAGGCCTTCCATCTGTTGCTGCGCGG 5700
3' AACGGGACCACCAGCCCGCTCTGCGGCTGCCACCGGTCTTGGTGCGCCCGAGGAACCCGGCCACGCCCGGGTCTCCGGAAGGTAGACAACGACGCGCC

Puromycin resistance

SacII

5' CCAGCCGGGAACCGCTCAACTCGGCCATGCGCGGGCCGATCTCGGCGAACACCGCCCCGCTTCGACGCTCTCCGGCGTGGTCCAGACCGCCACCGCGGC 5800
3' GGTTCGGCCCTTGGCGAGTTGAGCCGGTACGCGCCCGGCTAGAGCCGCTTGTGGCGGGGGCGAAGCTGCGAGAGGCCGACCAGGTCTGGCGGTGCGCGCCG

Puromycin resistance

RsrII

Sall
AccI

5' GCCGTCGTCCGCGACCCACACCTTGCCGATGTCGAGCCCGACGCGCGTGAGGAAGAGTTCCTTGACGCTCGGTGACCCGCTCGATGTGGCGGTCCGGGTTCG 5900
3' CGGCAGCAGGCGCTGGGTGTGGAACGGCTACAGCTCGGGCTGCGCGCACTCCTTCTCAAGAACGTCGAGCCACTGGGCGAGCTACACCGCCAGGCCAGC

Puromycin resistance

Tth111I

5' ACGGTGTGGCGCGTGGCGGGGTAGTCGCGGAACGCGCGGCGAGGGTGCCTACGGCCCGGGGACGTCGTCGCGGGTGGCGAGGCGCACCGTGGGCTTGT 6000
3' TGCCACACCGCGCACCGCCCATCAGCCGCTTGCGCCCGCGCTCCACGCGATGCCGGGCCCCCTGCAGCAGCGCCACCCTCCGCGTGGCACCCGAACA

Puromycin resistance

AgeI

SbfI
PstI

5' ACTCGGTCATGGAAGTCTCTCTTGTGAGGGGTCAGGGCGTGGGTGAGGGATGGTGGCGGCACCGGTCGTCGCGCCGACCTGCAGGCATGCAAGC 6100
3' TGAGCCAGTACCTTCCAGCAGAGGAACACTCCCAGTCCCAGCACCCAGTCCCCTACCACCGCCGTCGCGAGCACCGCCGGCTGGACGTCCTGACGTTTCG

Puromy...tance

AvrII

SfiI

5' TAGCTTTTTCGAAAAGCCTAGGCCTCCAAAAAGCCTCCTCACTACTTCTGGAATAGCTCAGAGGCCGAGCCGCTCGGCCTCTGCATAAATAAAAAA 6200
3' ATCGAAAACGTTTTTCGATCCGGAGTTTTTTTCGAGGAGTGATGAAGACCTTATCGAGTCTCCGGCTCCGCCGAGCCGAGACGTATTTATTTTTTTT

SV40 Promoter

5' ATTAGTCAGCCATGGGCGGAGAATGGGCGAACTGGGCGGAGTTAGGGCGGGATGGGCGGAGTTAGGGCGGGACTATGGTTGCTGACTAATTGAGAT 6300
3' TAATCAGTCGGTACCCCGCCTTTACCCGCCTTGACCCGCCTCAATCCCCGCCCTACCCGCCTCAATCCCCGCCTGATACCAACGACTGATTAACTCTA

SV40 Promoter

5' GCATGCTTTGCATACTTCTGCCTGCTGGGAGCCTGGGACTTTCCACACCTGGTTGCTGACTAATTGAGATGCATGCTTTGCATACTTCTGCCTGCTGG 6400
3' CGTACGAAACGTATGAAGACGGACGACCCCTCGGACCCCTGAAAGGTGTGGACCAACGACTGATTAACTCTACGTACGAAACGTATGAAGACGGACGACC

SV40 Promoter

5' GGAGCCTGGGACTTTCCACACCAATCTTTCGTC 6434
3' CCTCGGACCCCTGAAAGGTGTGGTTAGAAAGCAG