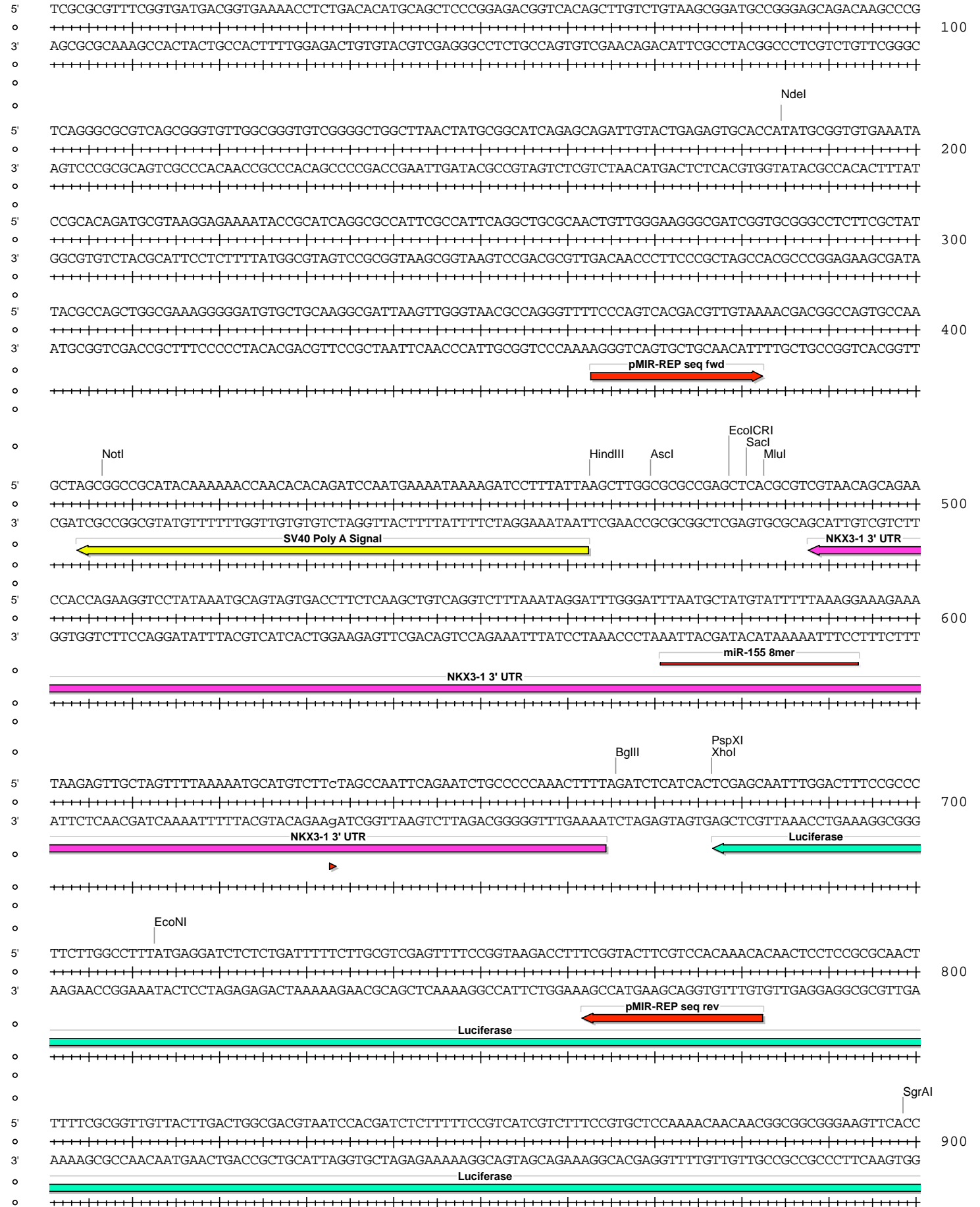
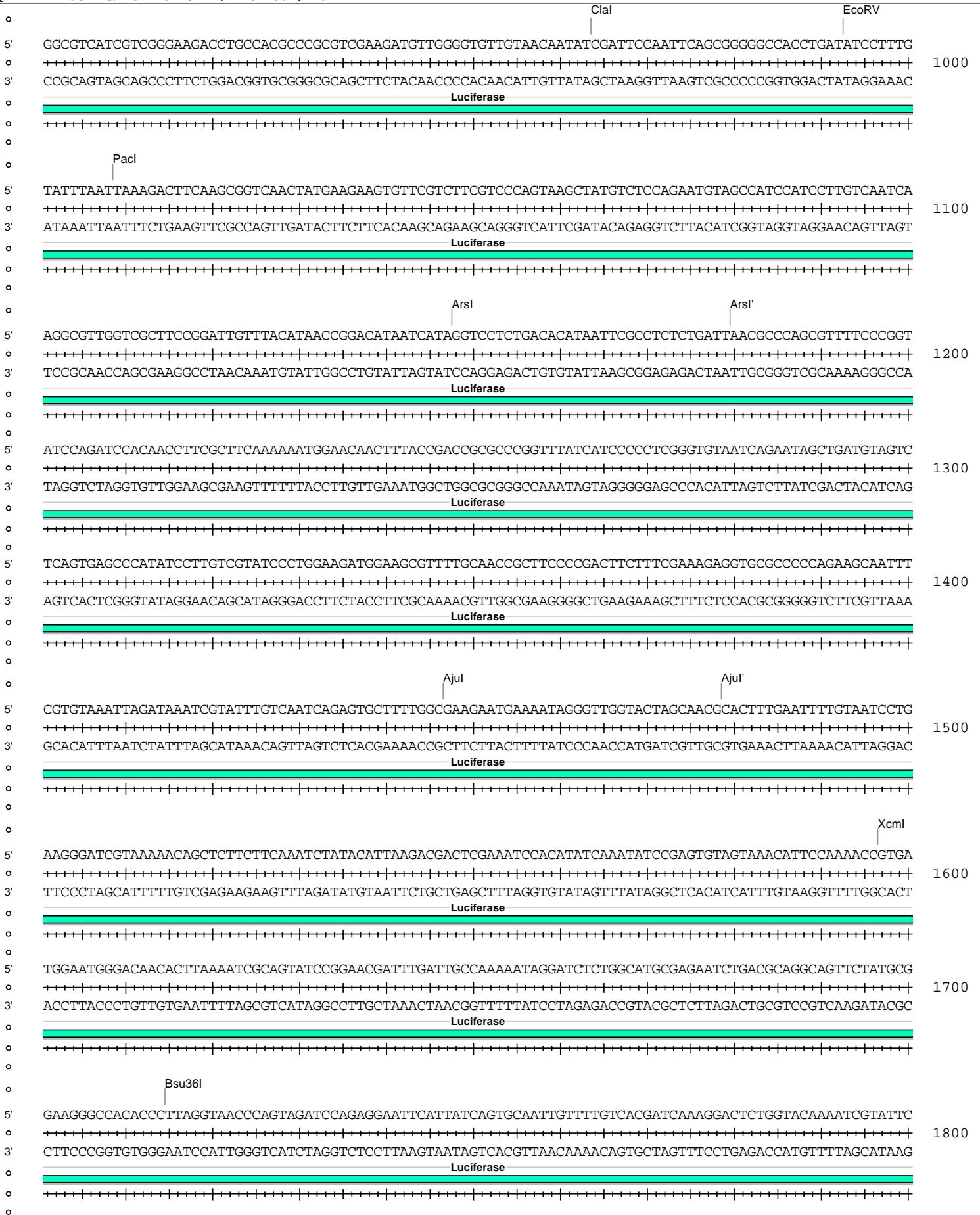


pMIR-REP-dCMV-NKX3-1 3' UTR (1125-1301) wt

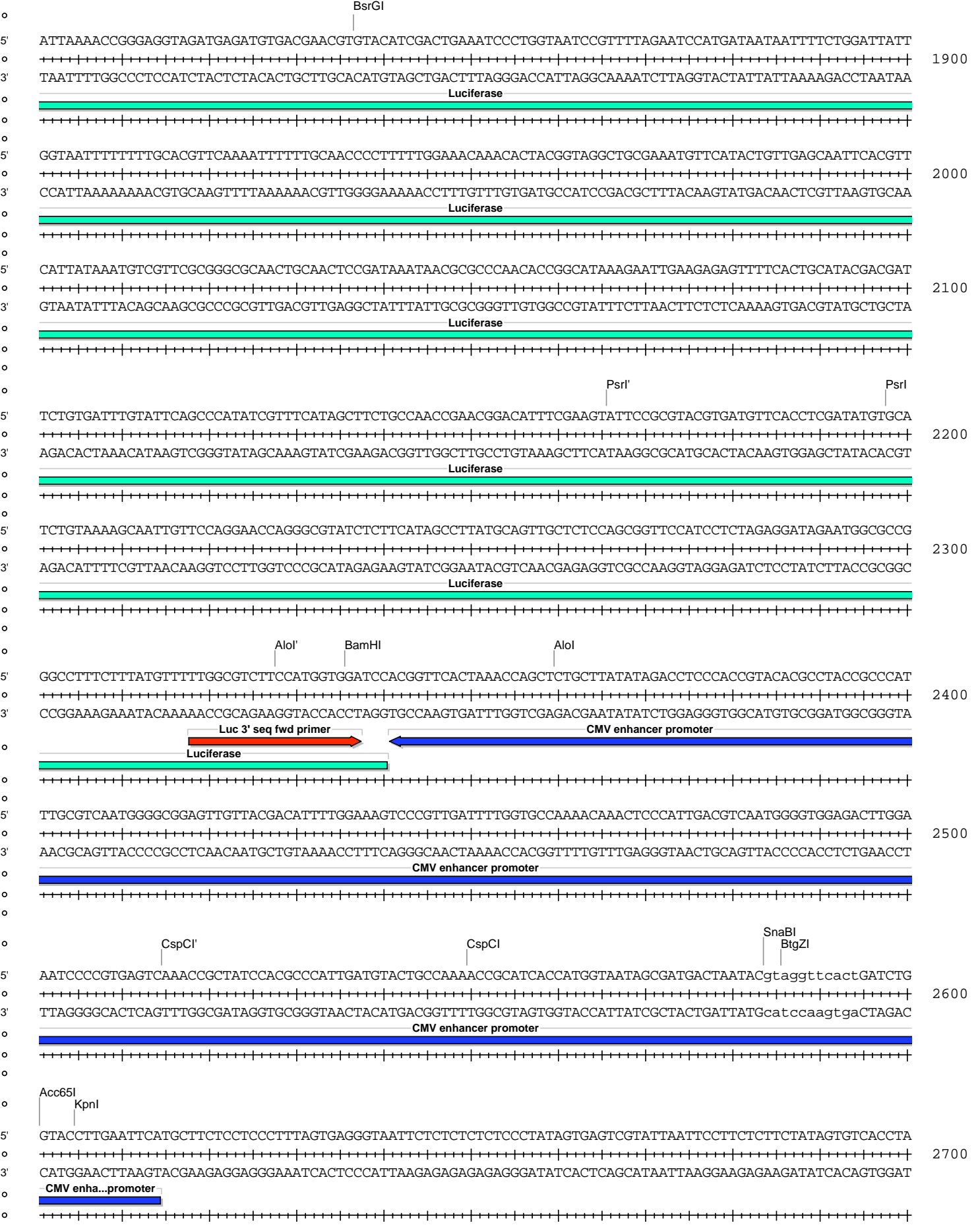
Absent Sites	0	AarI,AbstI,AfeI,AfIII,AleI,ApaI,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,Fall,Fall',FseI,FspAI,MauBI,MreI,NaeI,NgoMIV,NruI,PasI,PfiMI,PmeI,PmlI,PshAI,PspOMI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	2601 (6271)
AccI	1	5736 (6271)
AgeI	1	5904 (6271)
AhdI	1	3958 (6271)
AjuI	1	1447 (6271)
AjuI'	1	1479 (6271)
Alol	1	2360 (6271)
Alol'	1	2328 (6271)
Arsl	1	1148 (6271)
Arsl'	1	1180 (6271)
Ascl	1	470 (6271)
AvrII	1	5955 (6271)
BamHI	1	2336 (6271)
BglII	1	666 (6271)
BsaBI	1	5120 (6271)
BsmI	1	5033 (6271)
BsrGI	1	1837 (6271)
Bsu36I	1	1715 (6271)
BtgZI	1	2586 (6271)
Clal	1	964 (6271)
CspCI	1	2550 (6271)
CspCI'	1	2515 (6271)
DraIII	1	5279 (6271)
EcoICRI	1	479 (6271)
EcoNI	1	713 (6271)
EcoRV	1	993 (6271)
HindIII	1	463 (6271)
HpaI	1	5019 (6271)
KpnI	1	2605 (6271)
MluI	1	483 (6271)
MscI	1	5472 (6271)
NdeI	1	185 (6271)
NotI	1	407 (6271)
Pacl	1	1009 (6271)
PciI	1	3065 (6271)
PspXI	1	677 (6271)
Psrl	1	2198 (6271)
Psrl'	1	2166 (6271)
PstI	1	5927 (6271)
RsrII	1	5728 (6271)
SacI	1	481 (6271)
SacII	1	5635 (6271)
Sall	1	5735 (6271)
SbfI	1	5927 (6271)
Scal	1	4438 (6271)
SfiI	1	6009 (6271)
SgrAI	1	899 (6271)
SnaBI	1	2584 (6271)
SspI	1	4762 (6271)
Tth111I	1	5804 (6271)
XcmI	1	1597 (6271)
XhoI	1	677 (6271)
XmnI	1	4557 (6271)

pMIR-REP-dCMV-NKX3-1 3' UTR (1125-1301) wt

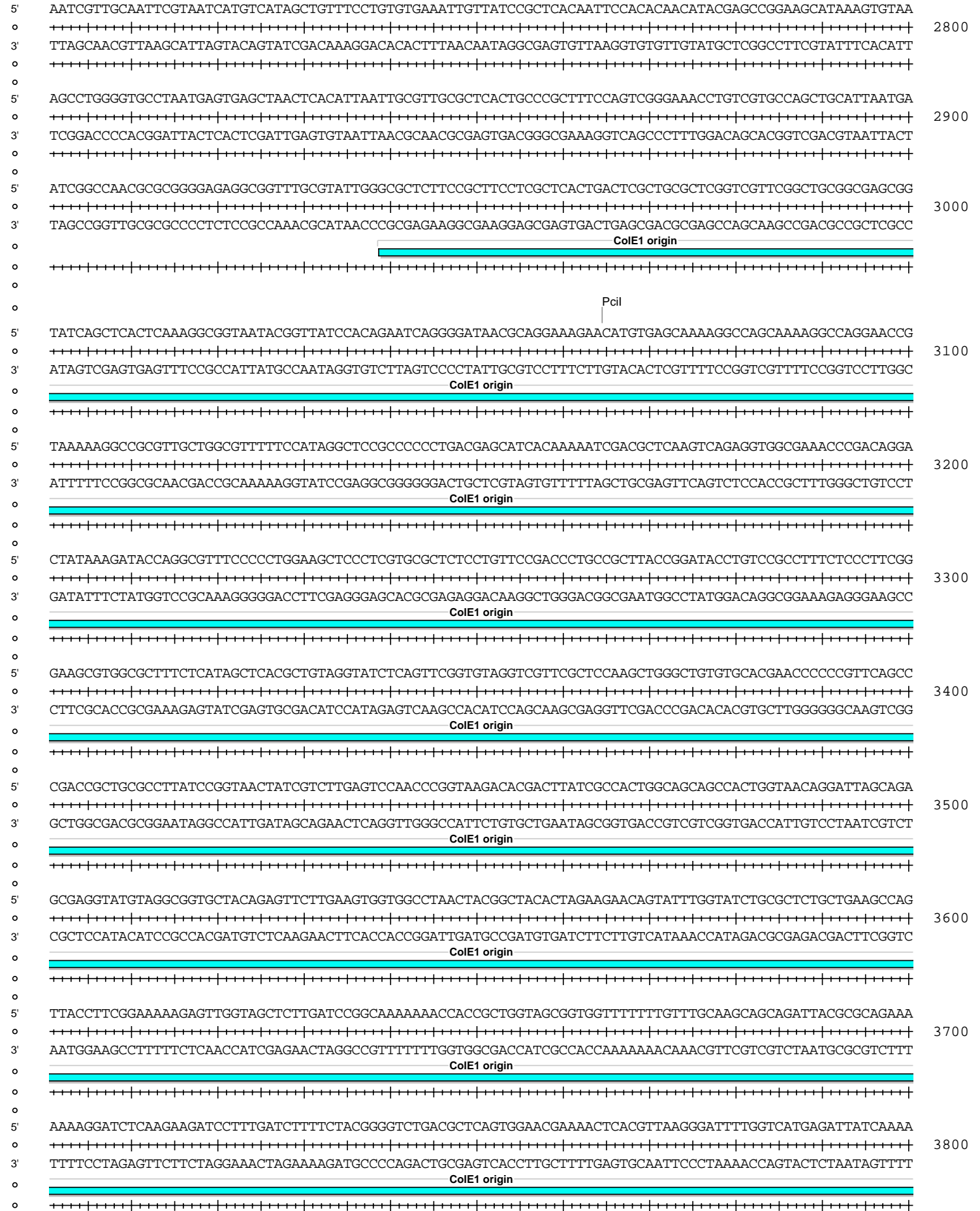




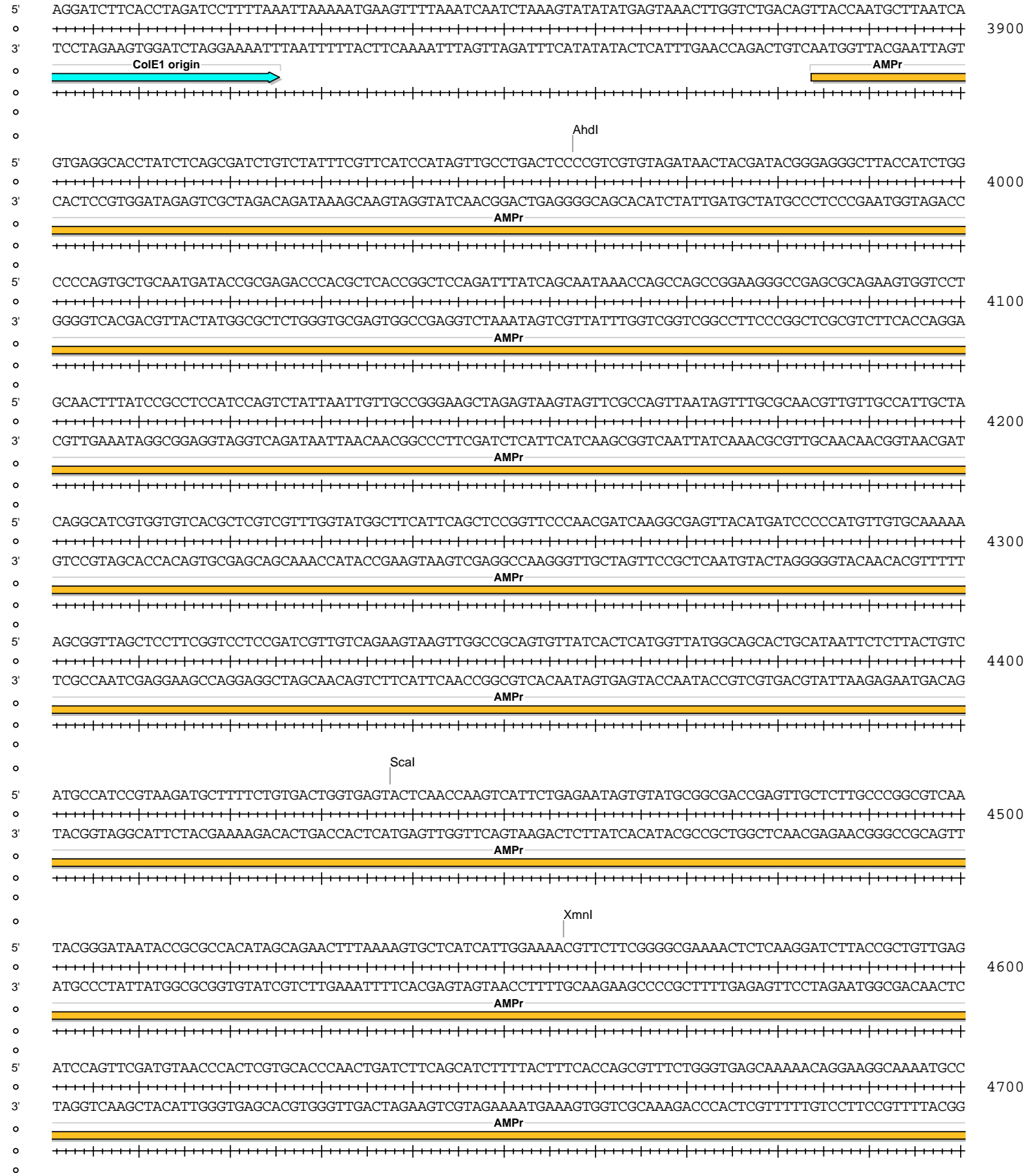
pMIR-REP-dCMV-NKX3-1 3' UTR (1125-1301) wt



pMIR-REP-dCMV-NKX3-1 3' UTR (1125-1301) wt



pMIR-REP-dCMV-NKX3-1 3' UTR (1125-1301) wt





pMIR-REP-dCMV-NKX3-1 3' UTR (1125-1301) wt

SacII

5' CGACGCTCTCCGGCGTGGTCCAGACCGCCACCGGGCGCCGTCGTCGCCGACCCACACCTTGCCGATGTCGAGCCCACGCGCGTGAGGAAGATTCTTG
 3' GCTGCGAGAGGCCCGCACCAGGTCTGGCGGTGGCGCCGCGGACGAGGCGCTGGGTGTGGAACGGCTACAGCTCGGGCTGCGCGCACTCCTTCTCAAGAAC

Puromycin resistance

RsrII Sall
Accl

5' CAGCTCGGTGACCCGCTCGATGTGGCGGTCCGGTTCGACGGTGTGGCGCGTGGCGGGTAGTCGGCGAACCGCGCGGAGGGTGCCTACGGCCCGGGG
 3' GTGAGCCACTGGGCGAGCTACACCGCCAGGCCAGCTGCCACACCGCGCACCGCCCATCAGCCGCTTGCGCCCGCGTCCCACGCATGCCGGGCCCCC

Puromycin resistance

Tth111I

5' ACGTCGTCGCGGGTGGCGAGGCGCACCGTGGGCTGTACTCGGTCATGGAAGTCGTCCTTGTGAGGGTTCAGGGCGTGGGTGAGGGATGGTGGCG
 3' TGCAGCAGCGCCACCGCTCCGCGTGGCACCCGAAACATGAGCCAGTACCTTCCAGCAGAGGAACACTCCCCAGTCCCCGCACCCAGTCCCCTACCACCGC

Puromycin resistance

AgeI

SbfI
PstI

AvrII

5' GCACCGTCTGGCGCCGACCTGCAGGCATGCAAGCTAGCTTTTGGCAAAGCCTAGGCCTCCAAAAAGCCTCCTCACTACTTCTGGAATAGCTCAGA
 3' CGTGCCAGCACCGCGGCTGGACGCTCCGTACGTTTCGATCGAAAAACGTTTTCGGATCCGGAGGTTTTTTCGGAGGAGTGATGAAGACCTTATCGAGTCT

SV40 Promoter

SfiI

5' GGCCGAGGCGCCTCGCCTCTGCATAAATAAAAAAATTAGTCAGCCATGGGGCGGAGAATGGGCGAACTGGGCGGAGTTAGGGCGGGATGGGCGGA
 3' CCGGCTCCGCCGAGCCGGAGACGATTTATTTTAAATCAGTCGGTACCCCGCTTACCCGCTTGACCCGCTCAATCCCGCCTACCCGCT

SV40 Promoter

5' GTTAGGGCGGGACTATGGTTGCTGACTAATTGAGATGCATGCTTTCATACTTCTGCCTGCTGGGGAGCCTGGGACTTCCACACCTGGTTGCTGACT
 3' CAATCCCGCCCTGATACCAACGACTGATTAACCTCTACGTACGAAACGATGAAGACGGACGACCCCTCGGACCCCTGAAAGGTGTGGACCAACGACTGA

SV40 Promoter

5' AATTGAGATGCATGCTTTCATACTTCTGCCTGCTGGGGAGCCTGGGACTTCCACACCAATCTTTCGTC
 3' TTAACCTACGTACGAAACGATGAAGACGGACGACCCCTCGGACCCCTGAAAGGTGTGGTTAGAAAGCAG

SV40 Promoter