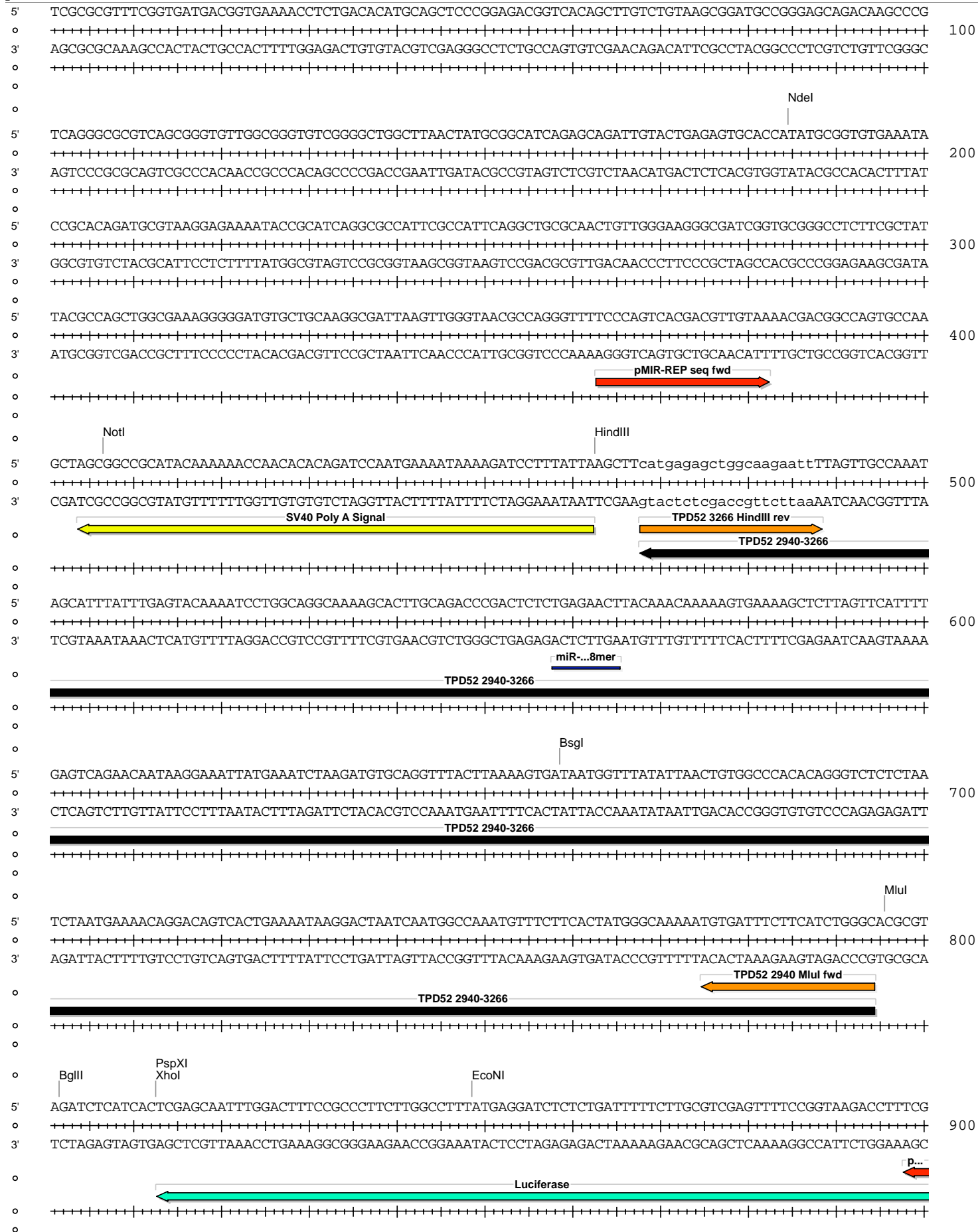


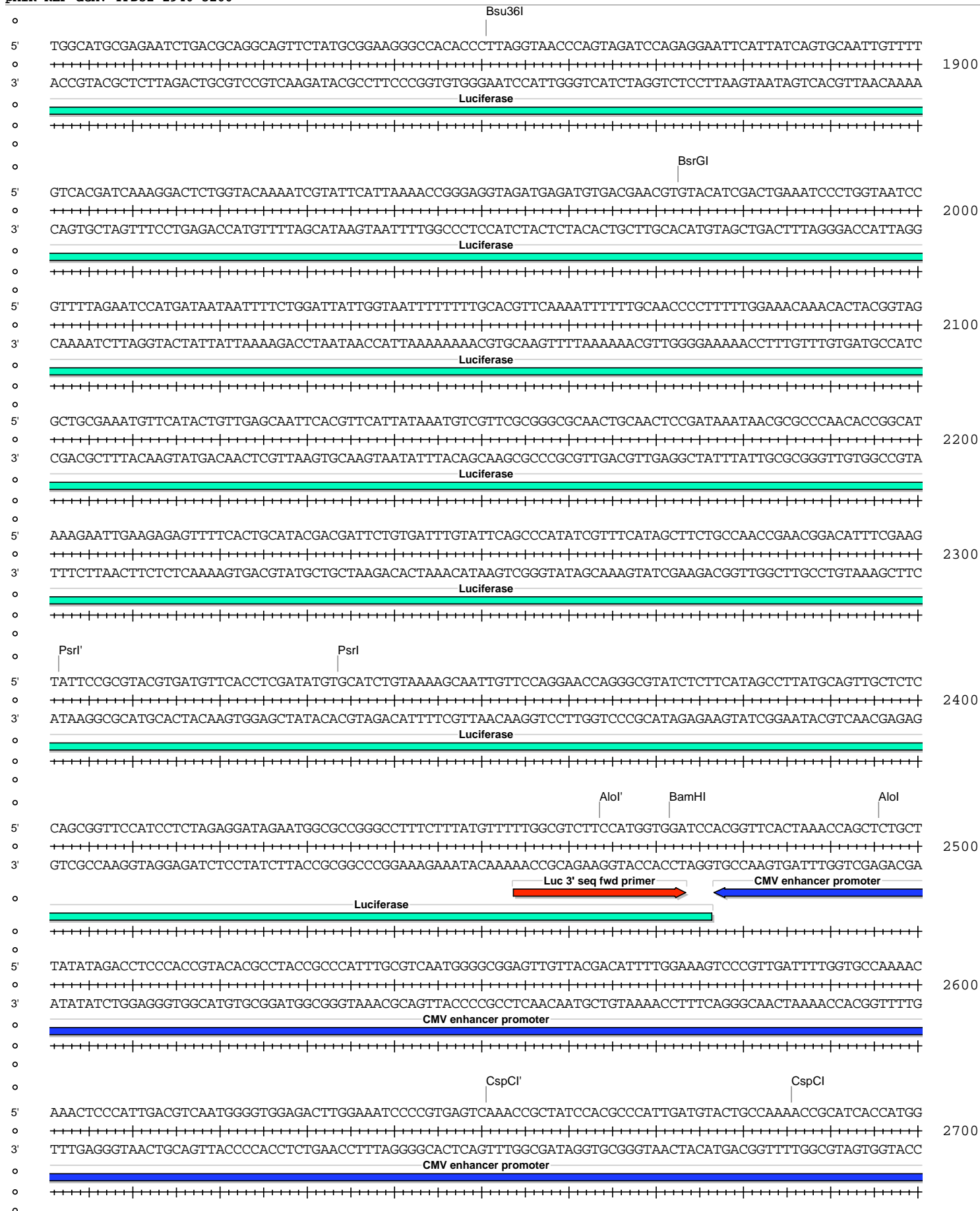
Absent Sites	0	AarI,AbstI,AfeI,AfII,AleI,Apal,AscI,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,BmgBI,Bpu10I,BstXI,BstZ17I,EcoICRI,Fall,Fall',FseI,FspAI,MauBI,MreI,NaeI,NgoMIV,NruI,PasI,PfiMI,PmeI,PmlI,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	2737 (6407)
Accl	1	5872 (6407)
AgeI	1	6040 (6407)
AhdI	1	4094 (6407)
Alol	1	2496 (6407)
Alol'	1	2464 (6407)
Arsl	1	1284 (6407)
Arsl'	1	1316 (6407)
AvrII	1	6091 (6407)
BamHI	1	2472 (6407)
BglII	1	802 (6407)
BsaBI	1	5256 (6407)
BsgI	1	659 (6407)
BsmI	1	5169 (6407)
BsrGI	1	1973 (6407)
BssHII	1	5524 (6407)
Bsu36I	1	1851 (6407)
BtgZI	1	2722 (6407)
Clal	1	1100 (6407)
CspCI	1	2686 (6407)
CspCI'	1	2651 (6407)
DraIII	1	5415 (6407)
EcoNI	1	849 (6407)
EcoO109I	1	1285 (6407)
EcoRV	1	1129 (6407)
HindIII	1	463 (6407)
HpaI	1	5155 (6407)
KpnI	1	2741 (6407)
MluI	1	796 (6407)
NdeI	1	185 (6407)
NotI	1	407 (6407)
PacI	1	1145 (6407)
PciI	1	3201 (6407)
PpuMI	1	1285 (6407)
PspXI	1	813 (6407)
Psrl	1	2334 (6407)
Psrl'	1	2302 (6407)
PstI	1	6063 (6407)
RsrII	1	5864 (6407)
SacII	1	5771 (6407)
Sall	1	5871 (6407)
SbfI	1	6063 (6407)
Scal	1	4574 (6407)
SfiI	1	6145 (6407)
SgrAI	1	1035 (6407)
SnaBI	1	2720 (6407)
SspI	1	4898 (6407)
Tth111I	1	5940 (6407)
XcmI	1	1733 (6407)
XhoI	1	813 (6407)
XmnI	1	4693 (6407)

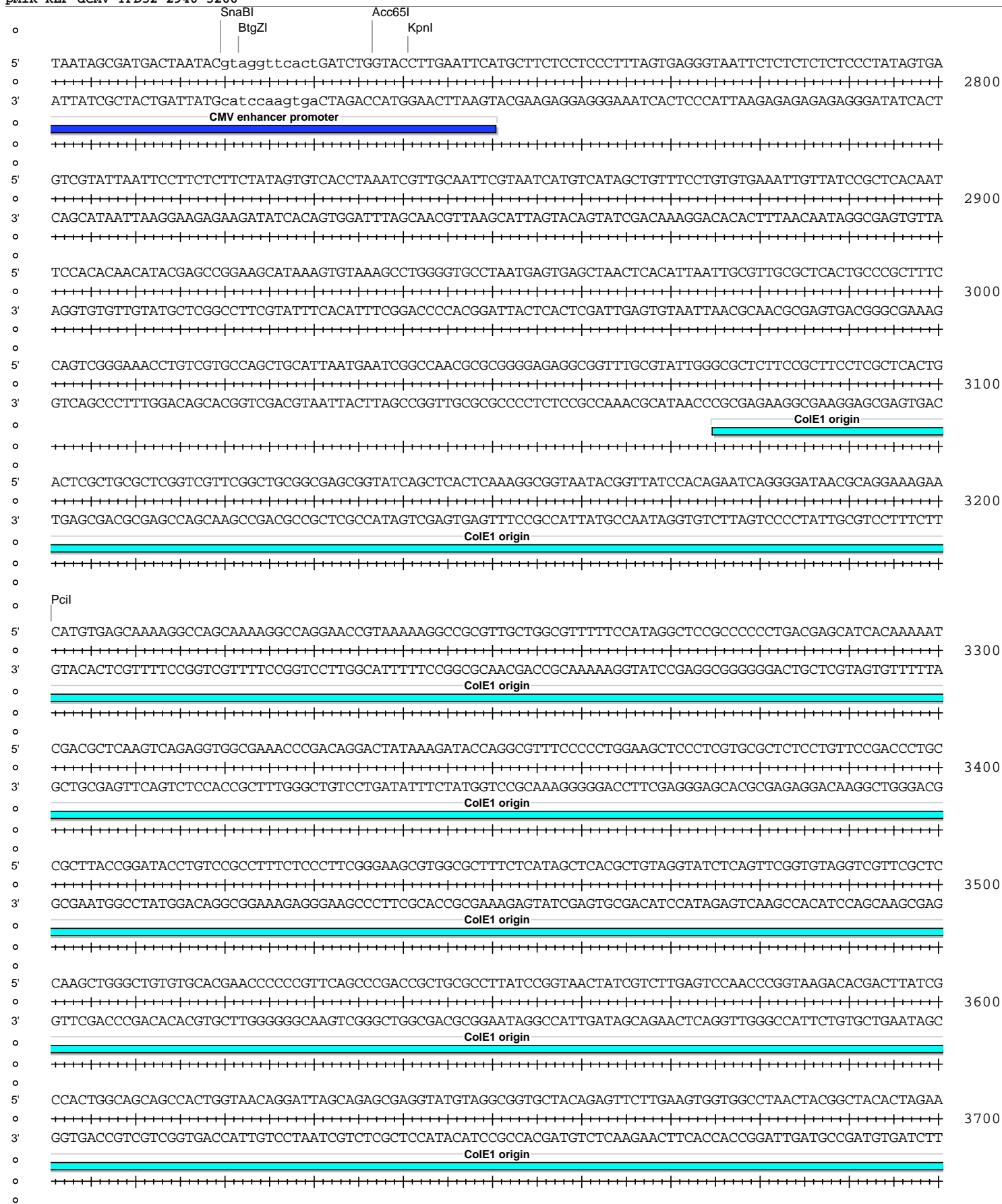
pMIR-REP-dCMV TPD52 2940-3266



pMIR-REP-dCMV TPD52 2940-3266







pMIR-REP-dCMV TPD52 2940-3266

5' GAACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAAAACCACCGCTGGTAGCGGTGG
 3' CTTGTCATAAACCATAGACGCGAGACGACTTCGGTCAATGGAAGCCTTTTCTCAACCATCGAGAACTAGGCCGTTTTTTTGGTGGCGACCATCGCCACC
 ColE1 origin

5' TTTTTTGTGTTGCAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAAAC
 3' AAAAAAACAAACGTTTCGTCGTAATGCGCGTCTTTTTTCTAGAGTTCCTTAGGAAACTAGAAAAGATGCCCCAGACTGCGAGTCACCTTGCTTTTG
 ColE1 origin

5' TCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTA AAAATGAAGTTTTAAATCAATCTAAAGTATATATG
 3' AGTGCAATTCCTAAAACAGTACTCTAATAGTTTTTCTTAGAAGTGGATCTAGGAAAATTTAATTTTTACTTCAAAATTTAGTTAGATTTTCATATATAC
 ColE1 origin

5' AGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTCATCCATAGTTGCCTGACTCCCCGTCGT
 3' TCATTTGAACCAGACTGTCAATGGTTACGAATTAGTCACTCCGTGGATAGAGTCGCTAGACAGATAAAGCAAGTAGGTATCAACGGACTGAGGGGCAGCA
 AMPr

5' GTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAAC
 3' CATCTATTGATGCTATGCCCTCCGAATGGTAGACCGGGTTCACGACGTTACTATGGCGCTCTGGGTGCGAGTGGCCGAGGTCTAATAGTCGTTATTTG
 AMPr

5' CAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCTCCATCCAGTCTATTAATTTGTTGCCGGGAAGCTAGAGTAAGTAGTTCCG
 3' GTCGGTCGGCCTTCCCGGCTCGCGTCTTACCAGGACGTTGAAATAGGCGGAGGTAGGTAGGATCAATAAACAACGGCCCTTCGATCTCATTCATCAAGCG
 AMPr

5' CAGTTAATAGTTTGCACAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTCGTTTGGTATGGCTTCATTAGCTCCGGTCCCAACGATC
 3' GTCAATTATCAAACGCTTGCAACAACGGTAACGATGTCCTAGCACCACAGTGCAGCAGCAAACCATACCGAAGTAAGTCGAGGCCAAGGGTTGCTAG
 AMPr

5' AAGCGAGTTACATGATCCCCATGTTGTGCAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTCAGAAGTAAGTTGGCCGAGTGTATCACTC
 3' TTCCGCTCAATGTAAGGGGTACAACACGTTTTTTTCGCCAATCGAGGAAGCCAGGAGGCTAGCAACAGTCTTCATTCAACCGCGCTCACAATAGTGAG
 AMPr

5' ATGGTTATGGCAGCACTGCATAATTCTCTTACTGTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGT
 3' TACCAATACCGTCGTGACGTATTAAGAGAATGACAGTACGGTAGGCATTTCTACGAAAAGACACTGACCACTCATGAGTTGGTTCAGTAAGACTCTTATCA
 AMPr

5' GTATCGGGCACCAGTGTCTTGTCCCGCGTCAATACGGGATAATACCGGCCACATAGCAGAACTTTAAAAGTGCTCATCATTTGAAAAACGTTCTTC
 3' CATACCGCGTGGCTCAACGAGAACGGCCGCGAGTTATGCCCTATATGGCGCGGTATCGTCTTGAAATTTTACAGAGTAGTAACCTTTTGAAGAAG
 AMPr

AhdI

Scal

XmnI

