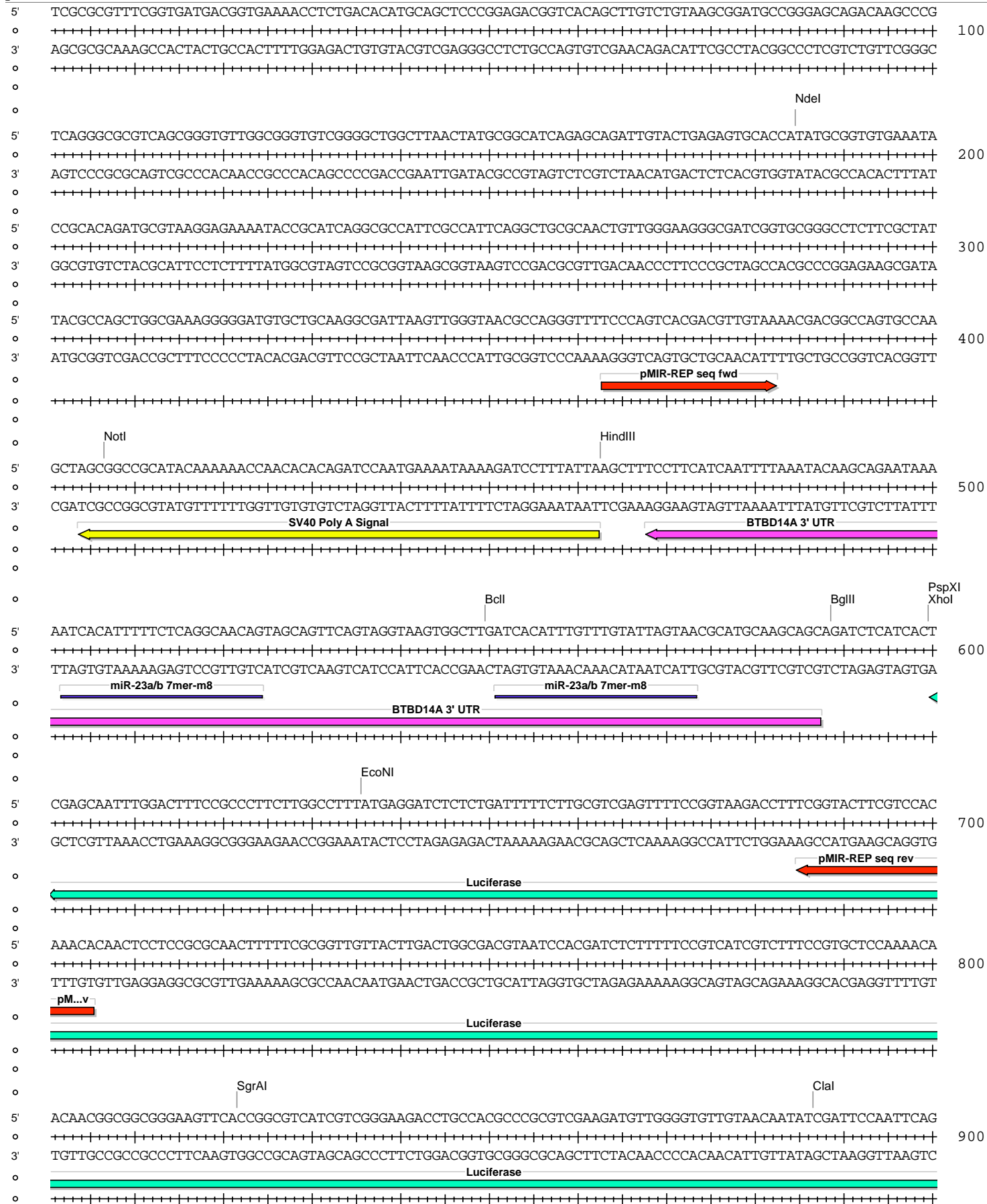


Absent Sites	0	AarI,AbstI,AfeI,AfII,AleI,Apal,Ascl,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BlpI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,EcoCRI,FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,NruI,PasI,PfIMI,PmeI,PmlI,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	2524 (6194)
AccI	1	5659 (6194)
AgeI	1	5827 (6194)
AhdI	1	3881 (6194)
AjuI	1	1370 (6194)
AjuI'	1	1402 (6194)
Alol	1	2283 (6194)
Alol'	1	2251 (6194)
AlwNI	1	3404 (6194)
Arsl	1	1071 (6194)
Arsl'	1	1103 (6194)
AvrII	1	5878 (6194)
BamHI	1	2259 (6194)
BclI	1	550 (6194)
BglII	1	589 (6194)
BsaBI	1	5043 (6194)
BsmI	1	4956 (6194)
BsrGI	1	1760 (6194)
BssHII	1	5311 (6194)
Bsu36I	1	1638 (6194)
BtgZI	1	2509 (6194)
Clal	1	887 (6194)
CspCI	1	2473 (6194)
CspCI'	1	2438 (6194)
DraIII	1	5202 (6194)
EcoNI	1	636 (6194)
EcoO109I	1	1072 (6194)
EcoRV	1	916 (6194)
HindIII	1	463 (6194)
HpaI	1	4942 (6194)
KpnI	1	2528 (6194)
MscI	1	5395 (6194)
NdeI	1	185 (6194)
NotI	1	407 (6194)
PacI	1	932 (6194)
PciI	1	2988 (6194)
PpuMI	1	1072 (6194)
PspXI	1	600 (6194)
Psrl	1	2121 (6194)
Psrl'	1	2089 (6194)
PstI	1	5850 (6194)
RsrII	1	5651 (6194)
SacII	1	5558 (6194)
Sall	1	5658 (6194)
SbfI	1	5850 (6194)
Scal	1	4361 (6194)
SfiI	1	5932 (6194)
SgrAI	1	822 (6194)
SnaBI	1	2507 (6194)
SspI	1	4685 (6194)
Tth111I	1	5727 (6194)
XcmI	1	1520 (6194)
XhoI	1	600 (6194)
XmnI	1	4480 (6194)

pMIR-REP-dCMV-BTBD14A 3' UTR (39-158) wt



pMIR-REP-dCMV-BTBD14A 3' UTR (39-158) wt

o

5' CCGGGGCCACCTGATATCCTTTGTATTTAATTAAGACTTCAAGCGGTCAACTATGAAGAAGTGTTCGTCTTCGTCCCAGTAAGCTATGTCTCCAGAATG 1000

o

3' GCCCCCGGTGGACTATAGAAACATAAATTAATTTCTGAAGTTCGCCAGTTGATACTTCTTCAAGCAGAAGCAGGGTCATTGATACAGAGGTCTTAC

o

Luciferase

o

o

o

Arsl  
EcoO109I  
PpuMI

5' TAGCCATCCATCCTTGTCAATCAAGGCGTTGGTCGCTTCCGGATTGTTTACATAACCGACATAATCATAGGTCCTCTGACACATAATTCGCCTCTCTGA 1100

o

3' ATCGGTAGGTAGGAACAGTTAGTTCCGCAACCAGCGAAGGCCAAACAATGTATTGGCCTGTATTAGTATCCAGGAGACTGTGTATTAAGCGGAGAGACT

o

Luciferase

o

o

o

Arsl'

5' TTAACGCCAGCGTTTCCCGGTATCCAGATCCACAACCTTCGCTTCAAAAATGGAACAACCTTACCAGCCGCGCCCGGTTTATCATCCCCCTCGGGTG 1200

o

3' AATTGCGGGTCGCAAAAGGGCCATAGGTCTAGGTGTTGGAAGCGAAGTTTTTACCTTGTTGAAATGGCTGGCGCGGGCAAATAGTAGGGGAGCCAC

o

Luciferase

o

o

5' TAATCAGAATAGCTGATGTAGTCTCAGTGAGCCATATCCTTGTCTGATCCCTGGAAGATGGAAGCGTTTTGCAACCGCTTCCCGACTTCTTTCGAAAG 1300

o

3' ATTAGTCTTATCGACTACATCAGAGTCACTCGGTATAGGAACAGCATAGGGACCTTCTACCTTCGCAAAACGTTGGCGAAGGGGCTGAAGAAAGCTTTC

o

Luciferase

o

o

o

Ajul

5' AGGTGCGCCCCAGAAGCAATTCGTGTAAATTAGATAAATCGTATTTGTCAATCAGAGTGTCTTTGGCGAAGAATGAAAATAGGGTTGGTACTAGCAAC 1400

o

3' TCCACGCGGGGTCTTCGTTAAAGCACATTTAATCTATTTAGCATAAACAGTTAGTCTCACGAAAACCGCTTCTTACTTTTATCCAACCATGATCGTTG

o

Luciferase

o

o

o

Ajul'

5' GCACTTTGAATTTTGTAAATCCTGAAGGATCGTAAAAACAGCTCTTCTTCAAATCTATACATTAAGACGACTCGAAATCCACATATCAAATATCCGAGTG 1500

o

3' CGTGAAACTTAAACATTAGGACTTCCCTAGCATTTTTGTGCGAGAAGAAGTTTGTAGATATGTAATTCGCTGAGCTTTAGGTGTATAGTTTATAGGCTCAC

o

Luciferase

o

o

o

XcmI

5' TAGTAAACATTCAAAACCGTGATGGAATGGGACAACACTTAAAATCGCAGTATCCGGAACGATTTGATTGCCAAAATAGGATCTCTGGCATGCGAGAA 1600

o

3' ATCATTTGTAAGGTTTTGGCACTACCTTACCCTGTTGTGAATTTTAGCGTCATAGGCCTTGCTAAACTAACGGTTTTTATCCTAGAGACCGTACGCTCTT

o

Luciferase

o

o

o

Bsu36I

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o

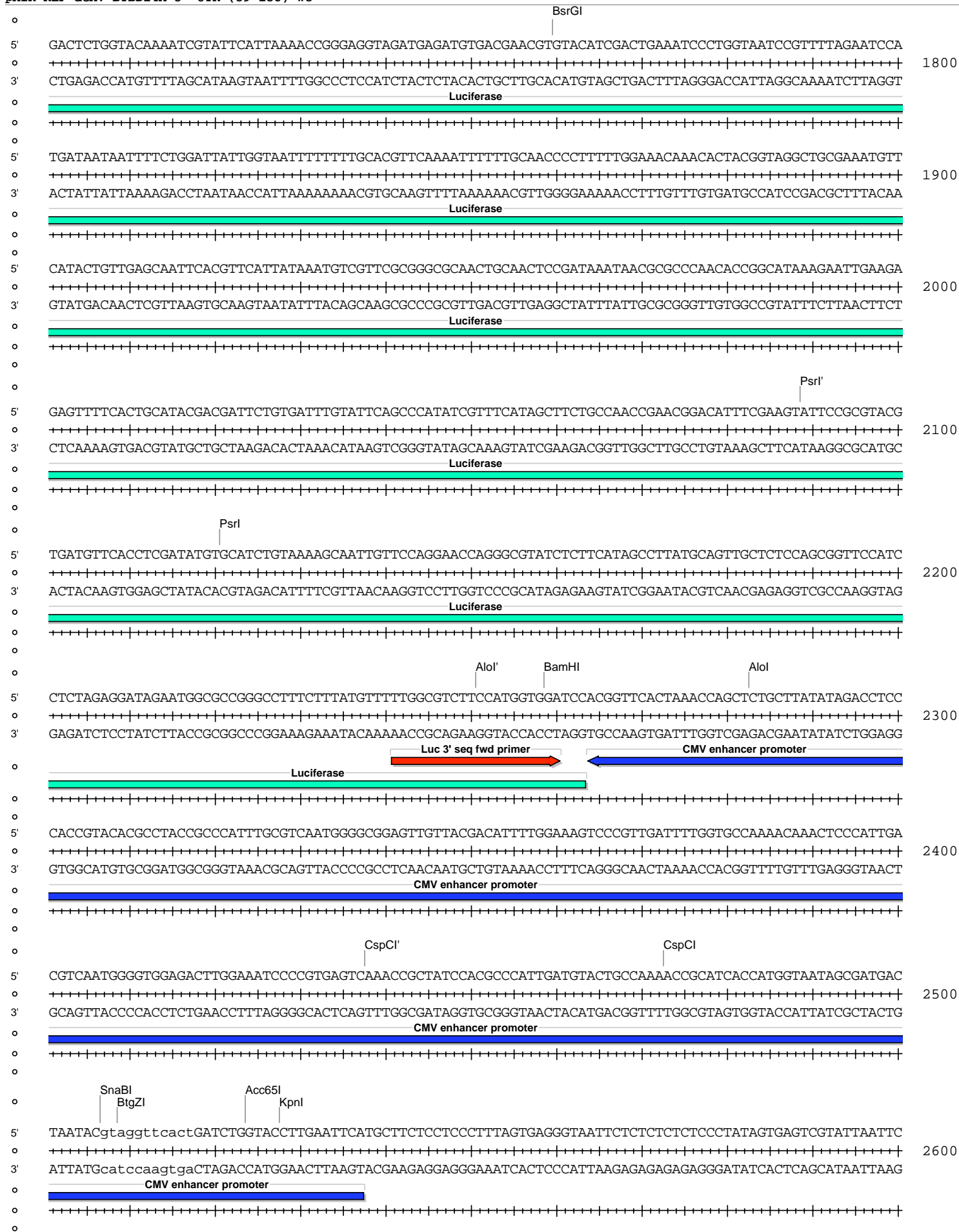
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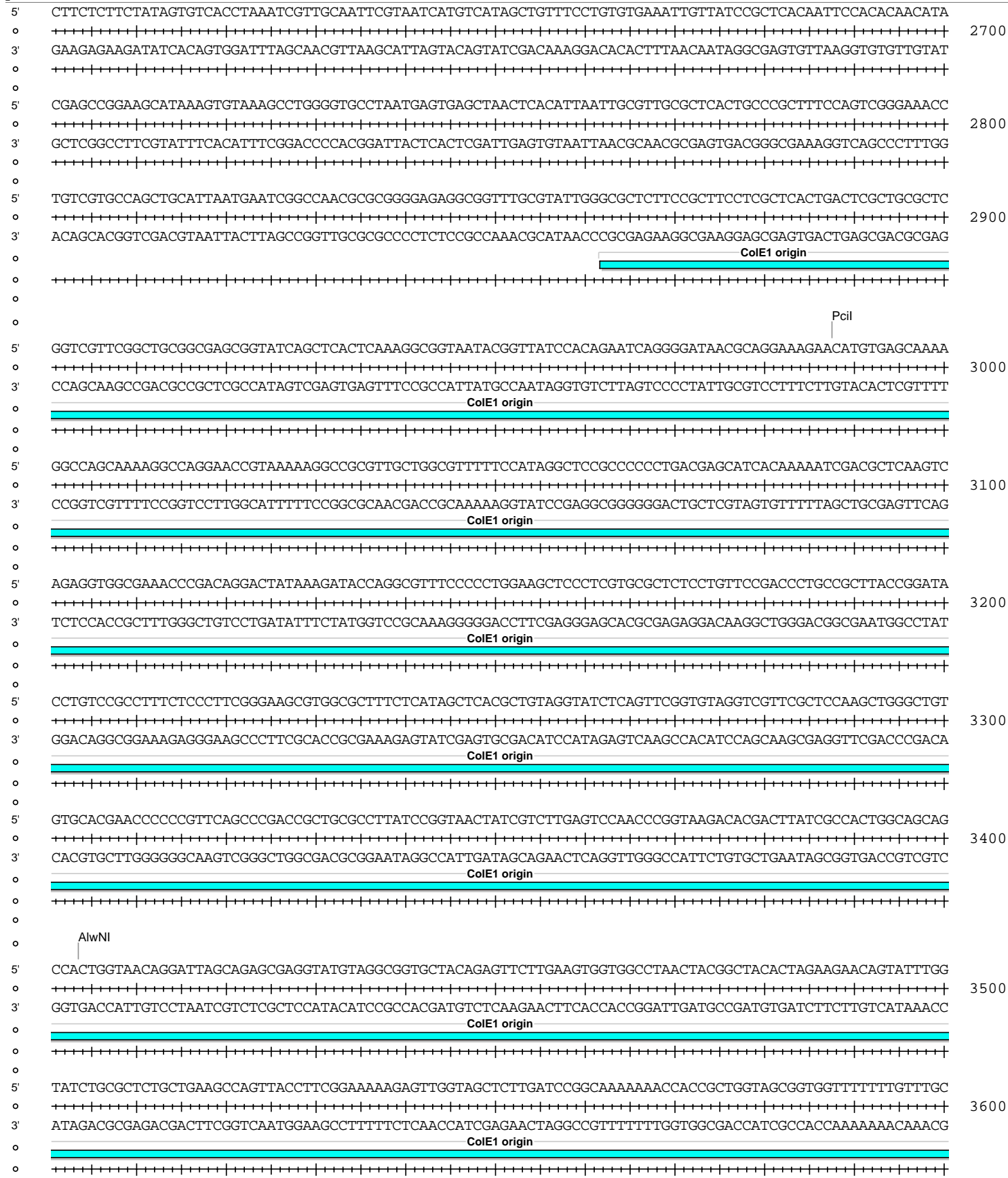
Luciferase

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o



pMIR-REP-dCMV-BTBD14A 3' UTR (39-158) wt



pMIR-REP-dCMV-BTBD14A 3' UTR (39-158) wt

