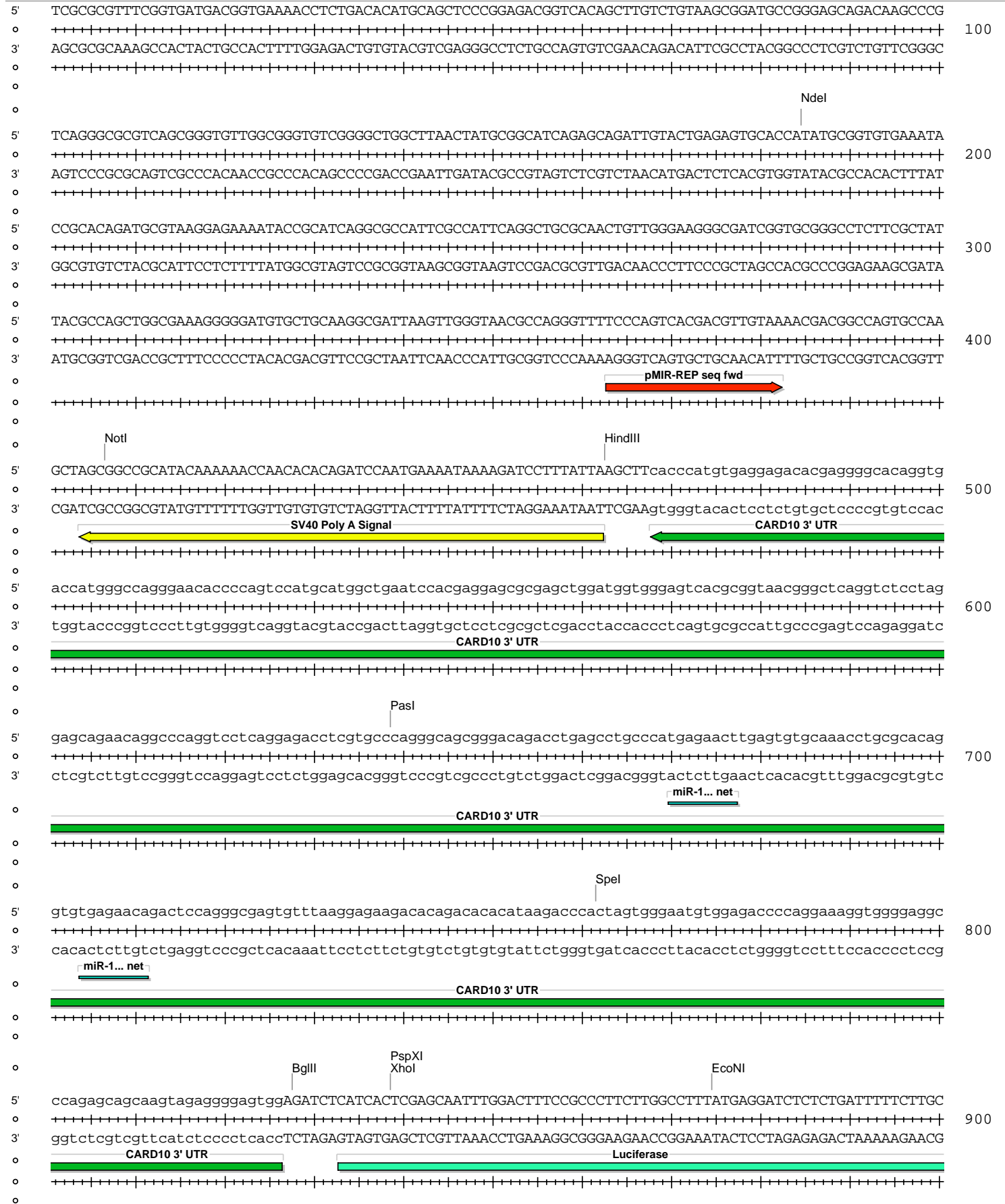


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Absent Sites	0	Aarl,AbsI,Afel,AfIII,Apal,Ascl,AsiSI,Bael,Bael',Barl,Barl',BbvCI,BclI,BlpI,BmgBI,BsgI,BstXI,BstZ17I,EcoICRI,Fall,Fall',Fsel,FspAI,MauBI,MluI,MreI,Nael,NgoMIV,Nrul,PfIMI,PmeI,PmlI,PshAI,PspOMI,Sacl,SanDI,SgrDI,SrfI,Swal
Acc65I	1	2763 (6433)
AccI	1	5898 (6433)
AgeI	1	6066 (6433)
AhdI	1	4120 (6433)
AjuI	1	1609 (6433)
AjuI'	1	1641 (6433)
Alol	1	2522 (6433)
Alol'	1	2490 (6433)
AlwNI	1	3643 (6433)
Arsl	1	1310 (6433)
Arsl'	1	1342 (6433)
BamHI	1	2498 (6433)
BglII	1	828 (6433)
BsaBI	1	5282 (6433)
BsmI	1	5195 (6433)
BsrGI	1	1999 (6433)
BssHII	1	5550 (6433)
BtgZI	1	2748 (6433)
Clal	1	1126 (6433)
CspCI	1	2712 (6433)
CspCI'	1	2677 (6433)
Drall	1	5441 (6433)
EcoNI	1	875 (6433)
EcoRV	1	1155 (6433)
HindIII	1	463 (6433)
HpaI	1	5181 (6433)
KpnI	1	2767 (6433)
MscI	1	5634 (6433)
NdeI	1	185 (6433)
NotI	1	407 (6433)
PacI	1	1171 (6433)
PasI	1	639 (6433)
PciI	1	3227 (6433)
PspXI	1	839 (6433)
PsrI	1	2360 (6433)
PsrI'	1	2328 (6433)
PstI	1	6089 (6433)
RsrII	1	5890 (6433)
SacII	1	5797 (6433)
Sall	1	5897 (6433)
SbfI	1	6089 (6433)
Scal	1	4600 (6433)
SfiI	1	6171 (6433)
SgrAI	1	1061 (6433)
SnaBI	1	2746 (6433)
SpeI	1	762 (6433)
SspI	1	4924 (6433)
Tth111I	1	5966 (6433)
XhoI	1	839 (6433)
XmnI	1	4719 (6433)

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5' GTCGAGTTTTCCGGTAAGACCTTTCGGTACTTCGTCCACAAACACAACCTCTCCGCGCAACTTTTTCCGGTGTACTTGACTGGCGACGTAATCCAGC
 1000
 3' CAGCTCAAAGGCCATTCTGGAAAGCCATGAAGCAGGTGTTTGTGTTGAGGAGGCGCTTGAAAAAGCGCCAACAATGAACTGACCGCTGCATTAGGTGC



Luciferase

5' ATCTCTTTTTCCGTTCATCGTCTTTCGGTCTCCAAAACAACAACGGCGGGGGAAGTTCACCGGCGTCATCGTCGGGAAGACCTGCCACGCCCGCGTCTGA
 1100
 3' TAGAGAAAAGGCAGTAGCAGAAAGGCACGAGGTTTTGTGTTGCCGCCCTTCAAGTGGCCGAGTAGCAGCCCTTCTGGACGGTGCGGGCGCAGCT

SgrAI

Luciferase

5' AGATGTTGGGGTGTGTAACAATATCGATTCCAATTCAGCGGGGCCACCTGATATCCTTTGTATTTAATTAAAGACTTCAAGCGGTCAACTATGAAGAA
 1200
 3' TCTACAACCCACAACATTGTTATAGCTAAGGTTAAGTCGCCCCGGTGGACTATAGGAAACATAAATTAATTTCTGAAGTTCGCCAGTTGATACTTCTT

Clal

EcoRV

Pacl

Luciferase

5' GTGTCGCTTCGTCGCCAGTAAGCTATGTCTCCAGAATGTAGCCATCCATCCTTGTCATCAAGGCGTGGTCGCTTCCGGATTGTTACATAACCGGAC
 1300
 3' CACAAGCAGAAGCAGGGTCATTTCGATACAGAGGCTTACATCGGTAGGTAGGAACAGTTAGTTCGCAACCAGCGAAGGCTAACAAATGTATTGGCCTG

Luciferase

5' ATAATCATAGGTCCTCTGACACATAATTCGCCTCTCTGATTAACGCCAGCGTTTTCCCGGTATCCAGATCCACAACCTTCGTTCAAAAAATGGAACAA
 1400
 3' TATTAGTATCCAGGAGACTGTGTATTAAGCGGAGAGACTAATTGCGGGTCGAAAAGGGCCATAGGTCTAGGTGTTGGAAGCGAAGTTTTTTACCTTGTT

ArsI

ArsI'

Luciferase

5' CTTTACCGACCGCGCCCGGTTTATCATCCCCCTCGGGTGAATCAGAATAGCTGATGTAGTCTCAGTGAGCCCATATCCTTGTCTGATCCCTGGAAGATG
 1500
 3' GAAATGGCTGGCGCGGCCAAATAGTAGGGGAGCCACATTAGTCTTATCGACTACATCAGAGTCACTCGGGTATAGGAACAGCATAGGGACCTTCTAC

Luciferase

5' GAAGCGTTTTGCAACCGCTTCCCGACTTCTTTTCGAAAGAGGTGCGCCCCAGAAGCAATTTCTGTGTAATTAGATAAATCGTATTTGTCAATCAGAGTG
 1600
 3' CTTTCGAAAACGTTGGCGAAGGGCTGAAGAAAGCTTTCTCCACGCGGGGTCTTCGTTAAAGCACATTTAATCTATTTAGCATAAACAGTTAGTCTCAC

Luciferase

5' CTTTGGCGAAGAATGAAAATAGGGTTGGTACTAGCAACGCACTTTGAATTTGTAATCCTGAAGGGATCGTAAAAACAGCTCTTCTTCAAATCTATACA
 1700
 3' GAAAACCGCTTCTTACTTTTATCCCAACCATGATCGTTGCGTGAAACTTAAAACATTAGGACTTCCCTAGCATTTTGTGCGAGAAGAAGTTTAGATATGT

Ajul

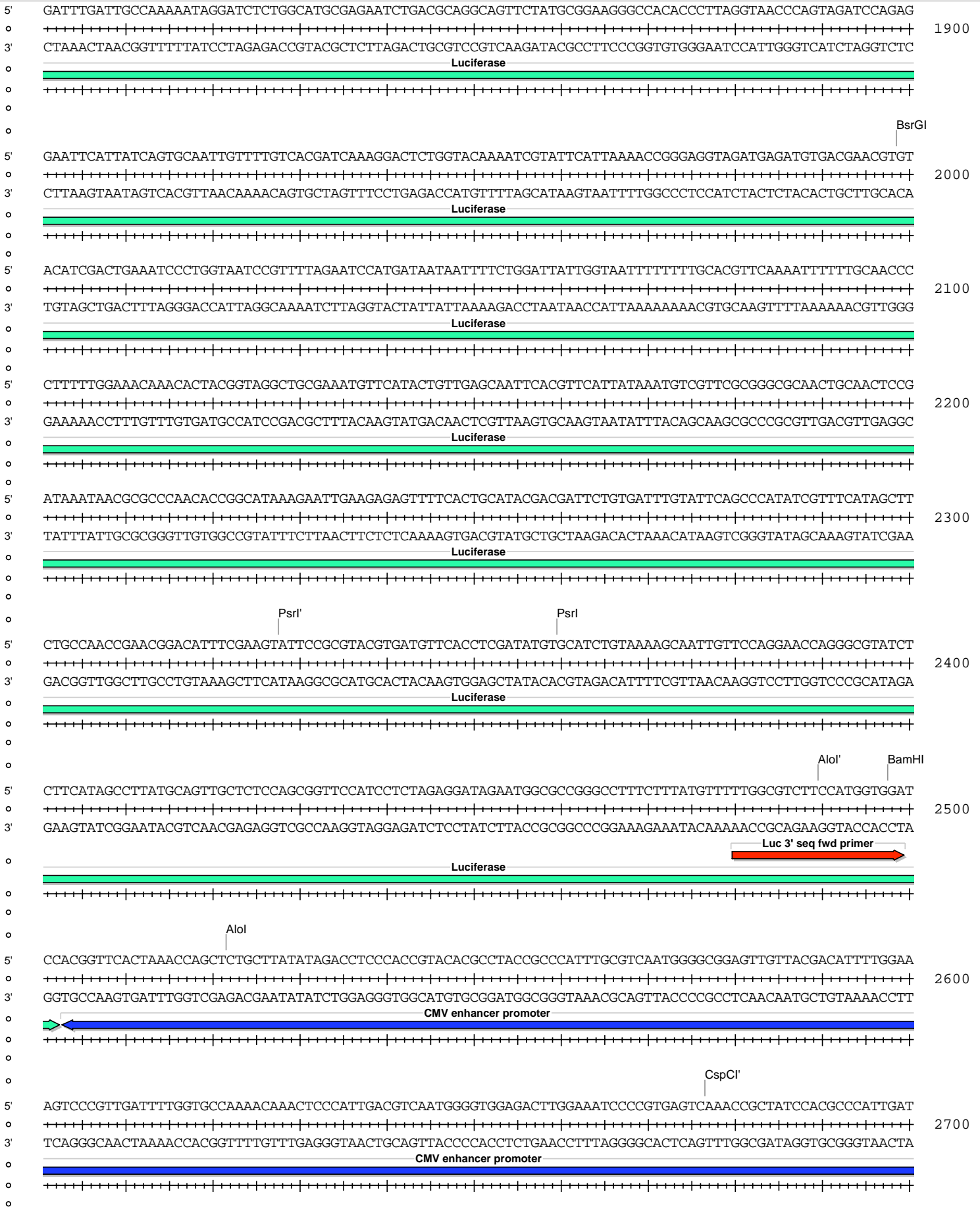
Ajul'

Luciferase

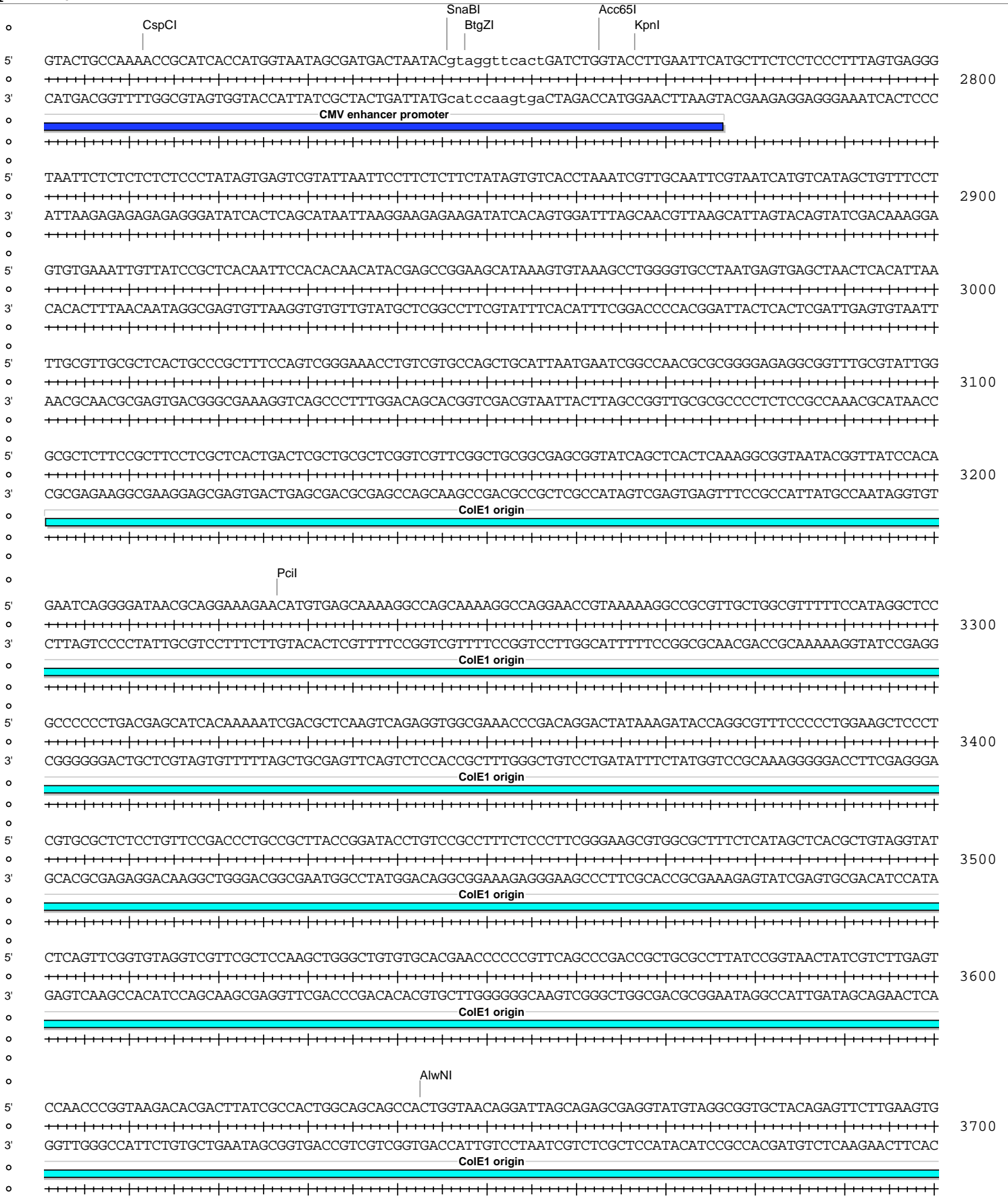
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 1800
 3' AATTCTGCTGAGCTTTAGGTGTATAGTTTATAGGCTCACATCAATTTGTAAGGTTTTGGCACTACCTTACCCTGTTGTGAATTTAGCGTCATAGGCCTTG

Luciferase

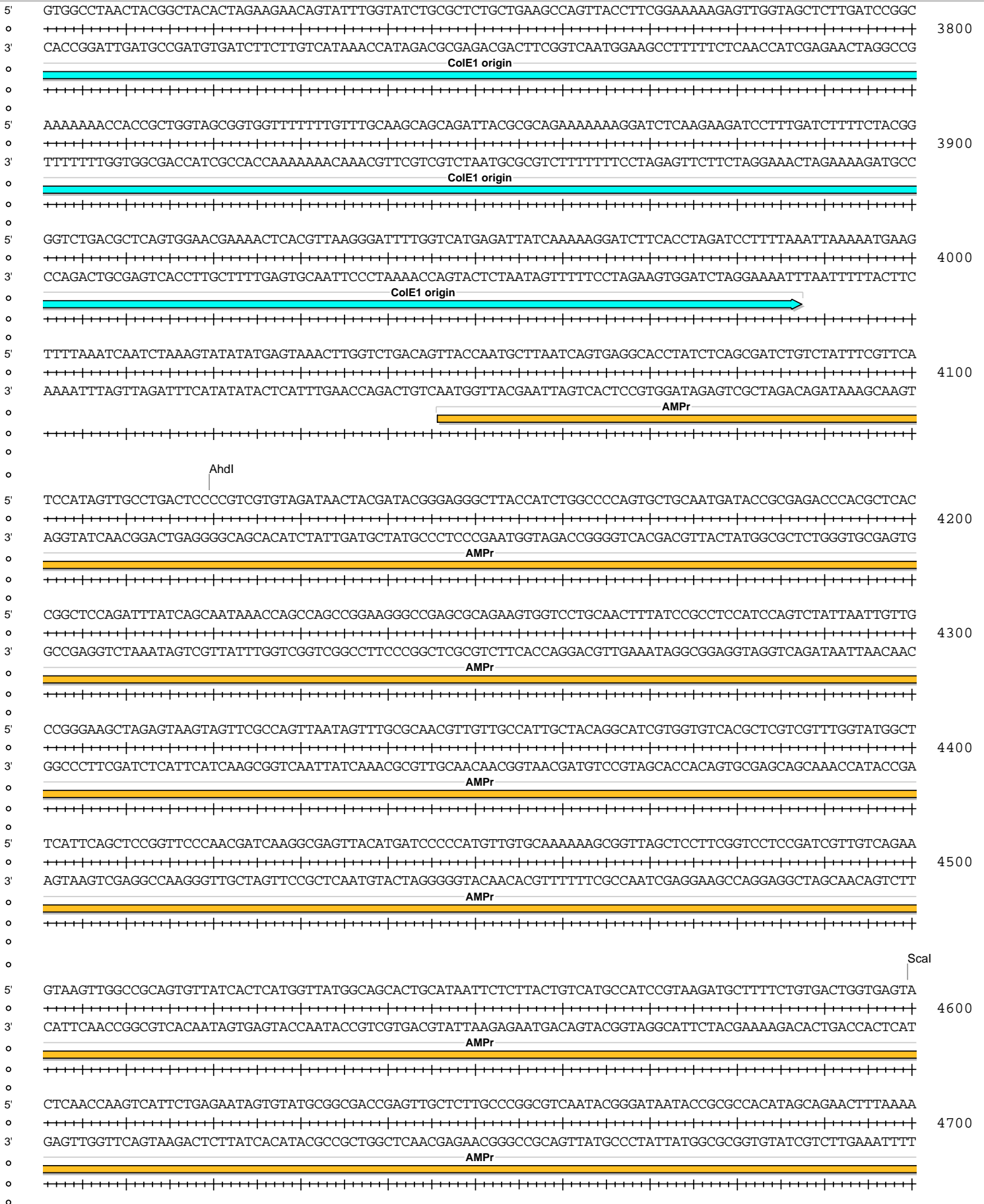
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