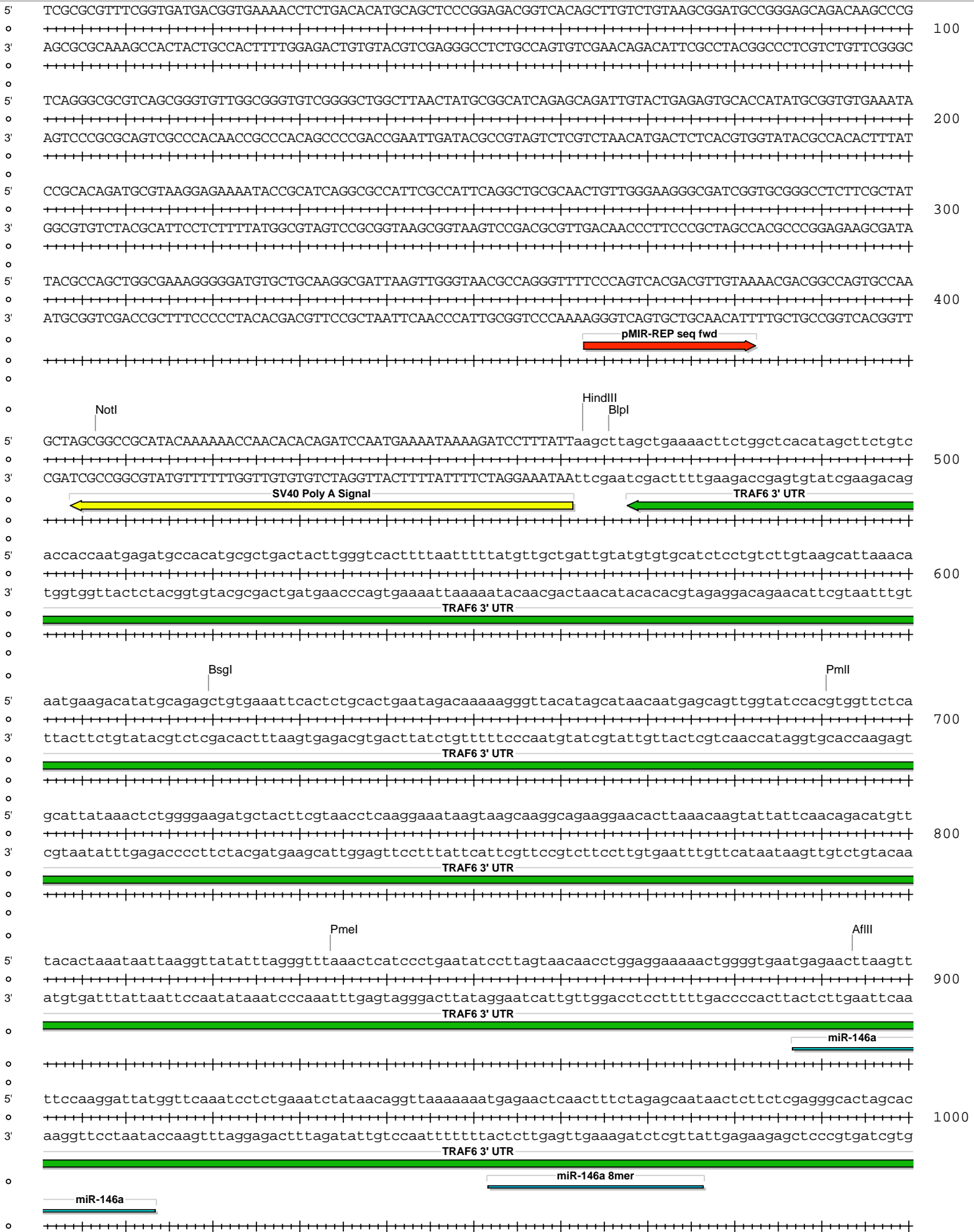


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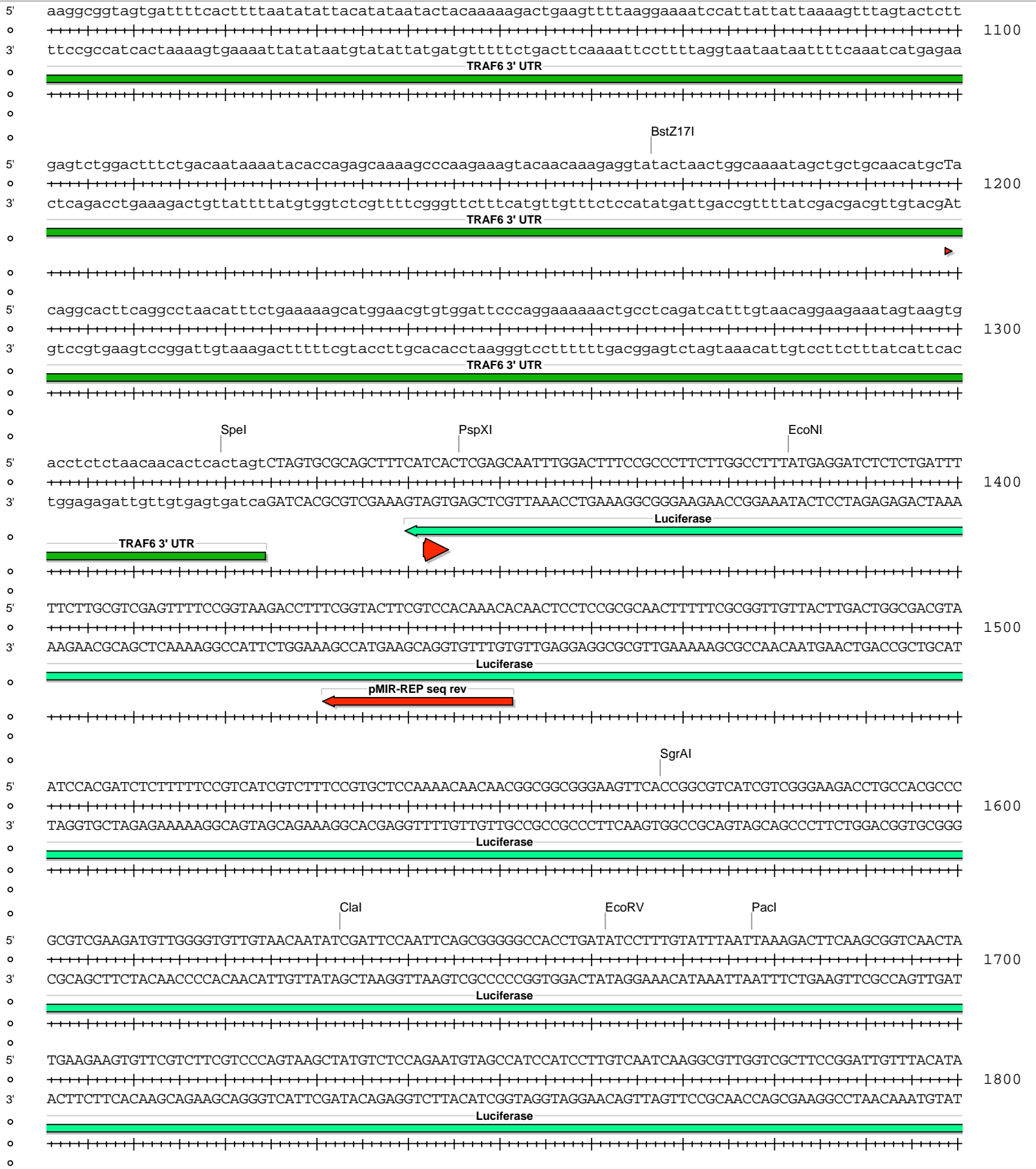
Absent Sites	0	Aarl,AbsI,Afel,AleI,Apal,Ascl,AsiSI,Bael,Bael',BarI,Barl',BbvCI,BclI,BglII,BmgBI,Bpu10I,BstXI,EcoCRI,FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,Nrul,PasI,PfIMI,PshAI,PspOMI,SacI,SanDI,SgrDI,SrfI,Swal
Acc65I	1	3270 (6940)
AfIII	1	894 (6940)
AgeI	1	6573 (6940)
AhdI	1	4627 (6940)
AjuI	1	2116 (6940)
AjuI'	1	2148 (6940)
Alol	1	3029 (6940)
Alol'	1	2997 (6940)
AlwNI	1	4150 (6940)
Arsl	1	1817 (6940)
Arsl'	1	1849 (6940)
AvrII	1	6624 (6940)
BamHI	1	3005 (6940)
BlnI	1	466 (6940)
BsaBI	1	5789 (6940)
BsgI	1	620 (6940)
BsmI	1	5702 (6940)
BsrGI	1	2506 (6940)
BssHII	1	6057 (6940)
BstZ17I	1	1167 (6940)
Bsu36I	1	2384 (6940)
BtgZI	1	3255 (6940)
Clal	1	1633 (6940)
CspCI	1	3219 (6940)
CspCI'	1	3184 (6940)
DraIII	1	5948 (6940)
EcoNI	1	1382 (6940)
EcoO109I	1	1818 (6940)
EcoRV	1	1662 (6940)
HindIII	1	463 (6940)
HpaI	1	5688 (6940)
KpnI	1	3274 (6940)
MscI	1	6141 (6940)
NotI	1	407 (6940)
Pacl	1	1678 (6940)
PmeI	1	834 (6940)
PmlI	1	691 (6940)
PpuMI	1	1818 (6940)
PspXI	1	1346 (6940)
Psrl	1	2867 (6940)
Psrl'	1	2835 (6940)
PstI	1	6596 (6940)
RsrII	1	6397 (6940)
SacII	1	6304 (6940)
Sall	1	6404 (6940)
SbfI	1	6596 (6940)
SfiI	1	6678 (6940)
SgrAI	1	1568 (6940)
SnaBI	1	3253 (6940)
SpeI	1	1320 (6940)
SspI	1	5431 (6940)
Tth111I	1	6473 (6940)
XcmI	1	2266 (6940)

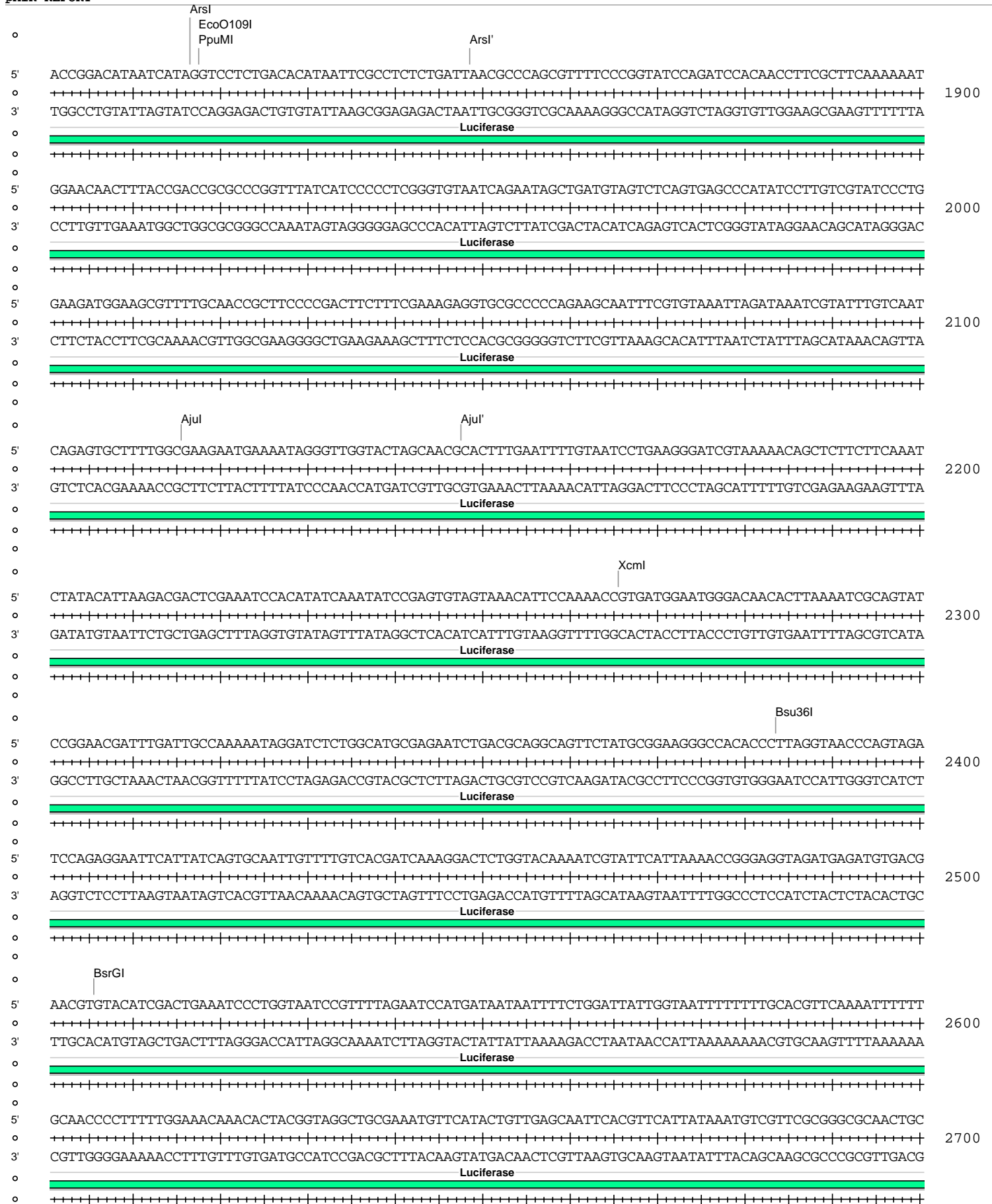
Xmnl 1 5226 (6940)

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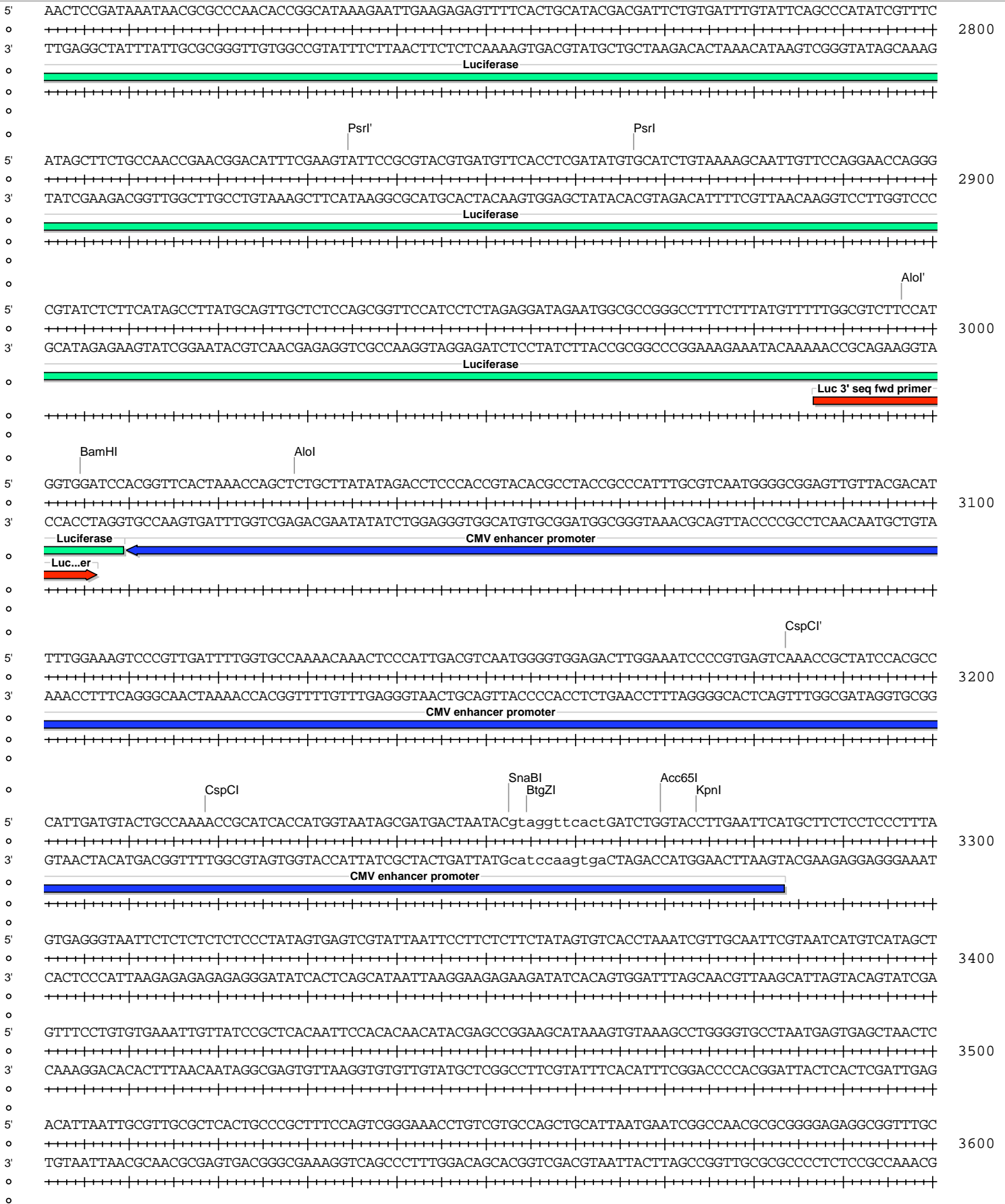


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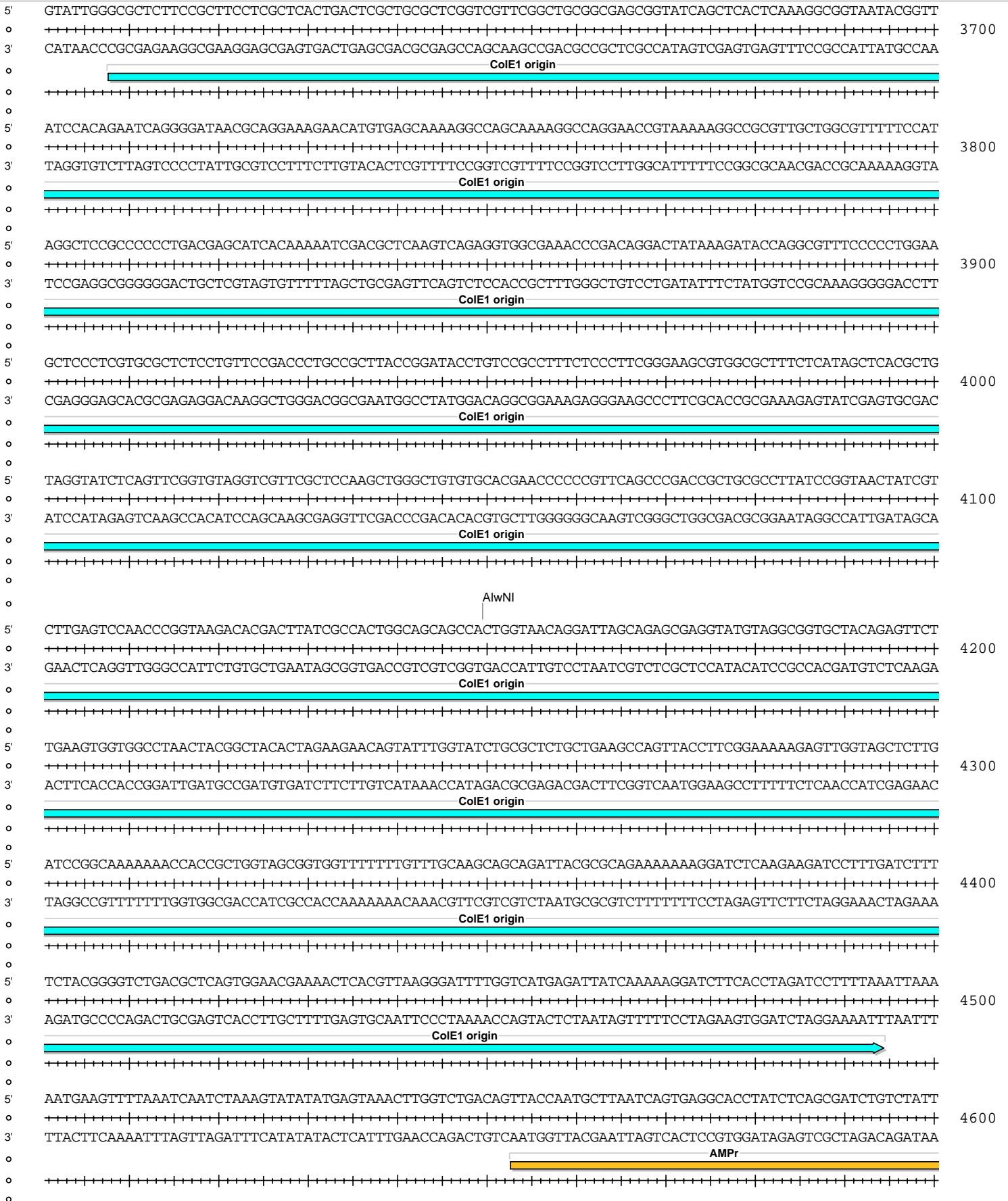




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AhdI

5' TCGTTCATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCATGATACCGCGAGACCCA 4700
 3' AGCAAGTAGGTATCAACGGACTGAGGGGACGCACATCTATTGATGCTATGCCCTCCCGAATGGTAGACCGGGGTCACGACGTTACTATGGCGCTCTGGGT

AMPr

5' CGCTCACCGGCTCCAGATTTATCAGCAATAAACCCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCCTCCATCCAGTCTATTA 4800
 3' GCGAGTGGCCGAGGTCTAAATAGTCGTTATTTGGTTCGGTTCGGCTTCCCGGCTCGCGTCTTACCAGGACGTTGAAATAGGCGGAGGTAGGTGAGATAAT

AMPr

5' ATTGTTGCCGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTCTGTTGG 4900
 3' TAACAACGGCCCTTCGATCTCATTTCATCAAGCGGTCAATTATCAAACGCGTTGCAACAACGGTAACGATGTCCGTAGCACCACAGTGCAGCAGCAAAC

AMPr

5' TATGGCTTCATTGAGTCCCGTTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTT 5000
 3' ATACCGAAGTAAGTCGAGGCCAAGGTTGCTAGTTCGGCTCAATGTACTAGGGGGTACAACACGTTTTTTTCGCCAATCGAGGAAGCCAGGAGGCTAGCAA

AMPr

5' GTCAGAAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTGTCATGCCATCCGTAAGATGCTTTTTCTGTGACTG 5100
 3' CAGTCTTCATCAACCGCGTCACAATAGTGAGTACCAATACCGTTCGTGAGTATTAAGAGAATGACAGTACGGTAGGCATTCTACGAAAAGACACTGAC

AMPr

5' GTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGCGTCAATACGGGATAATACCGGCCACATAGCAGAAC 5200
 3' CACTCATGAGTTGGTTCAGTAAGACTCTTATCACATACGCGCTGGCTCAACGAGAACGGGCGCAGTTATGCCCTATTATGGCGCGGTGTATCGTCTTG

AMPr

XmnI

5' TTTAAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGACCCC 5300
 3' AAATTTTACAGAGTAGTAACCTTTTGCAAGAAGCCCCGCTTTTGGAGAGTTCTAGAAATGGCGACAACCTTAGGTCAAGCTACATTGGGTGAGCAGCTGGG

AMPr

5' AACTGATCTTCAAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAGGAATAAGGGCGACACGGAAT 5400
 3' TTGACTAGAAGTCGTAGAAAATGAAAGTGGTCGCAAAGACCCACTCGTTTTTGTCTTCCGTTTTACGGCGTTTTTCCCTTATTTCCCGCTGTGCCCTTA

AMPr

SspI

5' GTTGAATACTCATACTCTTCCCTTTTCAATAATTATTGAAGCATTATCAGGGTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAA 5500
 3' CAACTTATGAGTATGAGAAGGAAAAAGTTATAATAACTTCGTAATAGTCCCAATAACAGAGTACTCGCCTATGTATAAACTTACATAAATCTTTTTATT

AMPr

5' ACAAAATAGGGGTTCCGCGCACATTTCCCGGAAAAGTGCCACCTGACGTCTAAGAAACATTATTATCATGACATTAACCTATAAAAATAGGCGTATCACG 5600
 3' TGTTTATCCCCAAGGCGCGTGAAGGGGCTTTTACGGTGGACTGCAGATTCTTGGTAATAATAGTACTGTAATTGGATATTTTATCCGCATAGTGC

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5' AGATTGCAGTGAAAAAATGCTTTATTTGTGAAATTTGTGATGCTATTGCTTTATTTGTAACCATTATAAGCTGCAATAACAAGTTAACAACAACAATT 5700
 3' TCTAACGTCACCTTTTTTACGAAATAAACACTTTAAACACTACGATAACGAAATAAACATTGGTAATATTTCGACGTTATTTGTTCAATTGTTGTTGTTAA

SV40 Poly A

5' GCATTCATTTTATGTTTCAGGTTTCAGGGGAGGTGTGGGAGGTTTTTTAAAGCAAGTAAAACCTCTACAAAATGTGGTATGGCTGATTATGATCCTCTAGA 5800
 3' CGTAAGTAAAATACAAAGTCCAAGTCCCCTCCACACCCTCCAAAAAATTCGTTTCATTTTGGAGATGTTTACACCATACCGACTAATACTAGGAGATCT

5' GTCGGTGGGCTCGGGGGCGGGTGC GGGGTTCGGCGGGGCCGCCCCGGGTGGCTTCGGTCCGAGCCATGGGGTCGTGCGCTCCTTTTCGGTCGGGGCGCTGCG 5900
 3' CAGCCACCCGAGCCCCGCCACGCCCCAGCCGCCCGCGGGGCCACCGAAGCCAGCCTCGGTACCCAGCACGCGAGGAAAGCCAGCCCGCGACGC

DrallI

5' GGTCTGTGGGGCGGGCTCAGGCACCGGGCTTGC GGGTTCATGCACCAGGTGCGCGGTCTTCGGGCACCTCGACGTCGGCGGTGACGGTGAAGCCGAGCCG 6000
 3' CCAGCACCCCGCCCGAGTCCGTGGCCCGAACGCCAGTACGTGGTCCACGCGCCAGGAAGCCCGTGGAGCTGCAGCCGCCACTGCCACTTCGGCTTCGGC

Puromycin resistance

5' CTCGTAGAAGGGGAGGTTGCGGGGCGCGGAGGTCTCCAGGAAGGCGGGCACCCCGCGCTCGGCCGCTCCACTCCGGGGAGCACGACGCGCTGCC 6100
 3' GAGCATCTTCCCTCCCAACGCCCGCGCTCCAGAGGTCTTCCGCCCGTGGGGCCGCGGAGCCGCGGAGGTGAGGCCCTCGTGCTGCCGCGACGGG

Puromycin resistance

BssHII

5' AGACCCTTGCCCTGGTGGTTCGGGCGAGACGCCGAGGTGGCCAGGAACCACGCGGGCTCCTTGGGCCGTTGCGGCGCCAGGAGGCTTCCATCTGTTGCT 6200
 3' TCTGGGAACGGGACCACCAGCCCGCTCTGCGGCTGCCACCGGTCTTGGTGCGCCCGAGGAACCCGGCCACGCCGCGGTCTCCGGAAGGTAGACAACGA

Puromycin resistance

MscI

5' GCGCGCCAGCCGGGAACCGCTCAACTCGGCCATGCGCGGGCCGATCTCGGCGAACCCGCCCGCTTCGACGCTCTCCGGCGTGGTCCAGACCGCCAC 6300
 3' CGGCCCGGTGCGCCCTTGGCGAGTTGAGCCGGTACGCGCCCGCTAGAGCCGCTTGTGGCGGGGCGAAGCTGCGAGAGGCCGACCAGGTCTGGCGGTG

Puromycin resistance

5' CGCGGCGCCGTCGTCCGCGACCCACACCTTGC CGATGTCGAGCCCGACGCGCGTGAAGAGTTCCTTGCAGCTCGGTGACCCGCTCGATGTGGCGGTTC 6400
 3' GCGCCGCGGACGAGGCGCTGGTGTGGAACGGCTACAGCTCGGGCTGCGCGCACTCCTTCTCAAGAACGTCGAGCCACTGGGCGAGCTACACCGCCAGG

Puromycin resistance

Sall

5' GGGTCGACGGTGTGGCGGTGGCGGGTAGTCGGCGAACGCGCGCGGAGGGTGCCTACGGCCCGGGGACGTCGTCGGGGTGGCGAGGCGACCCGTGG 6500
 3' CCCAGCTGCCACACCGCGCACCGCCCCATCAGCCGCTTGC CGCGCGCTCCACGATGCCGGGCCCTGCAGCAGCGCCACCAGCTCCGCGTGGCACCC

Puromycin resistance

Tth111I

