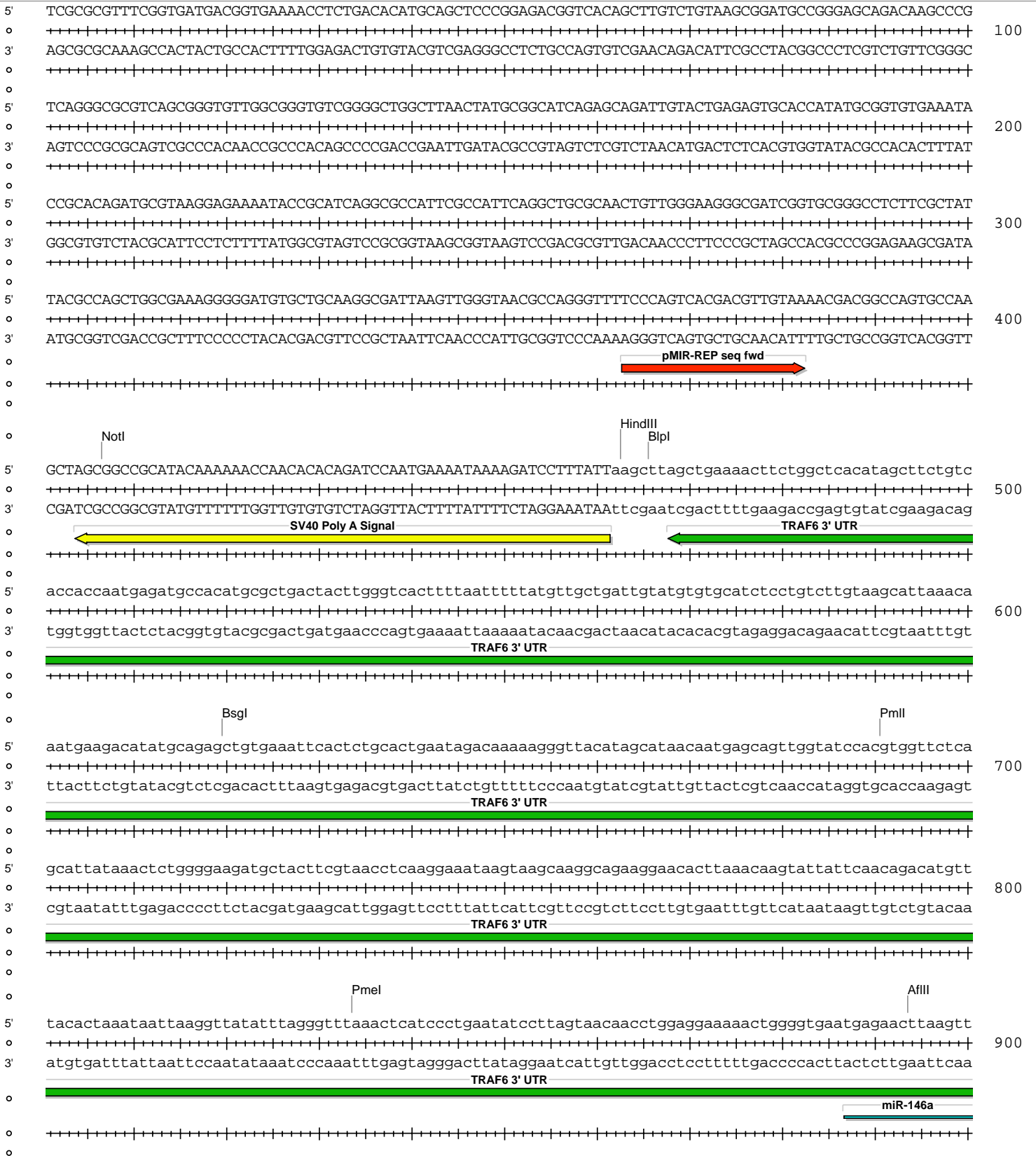


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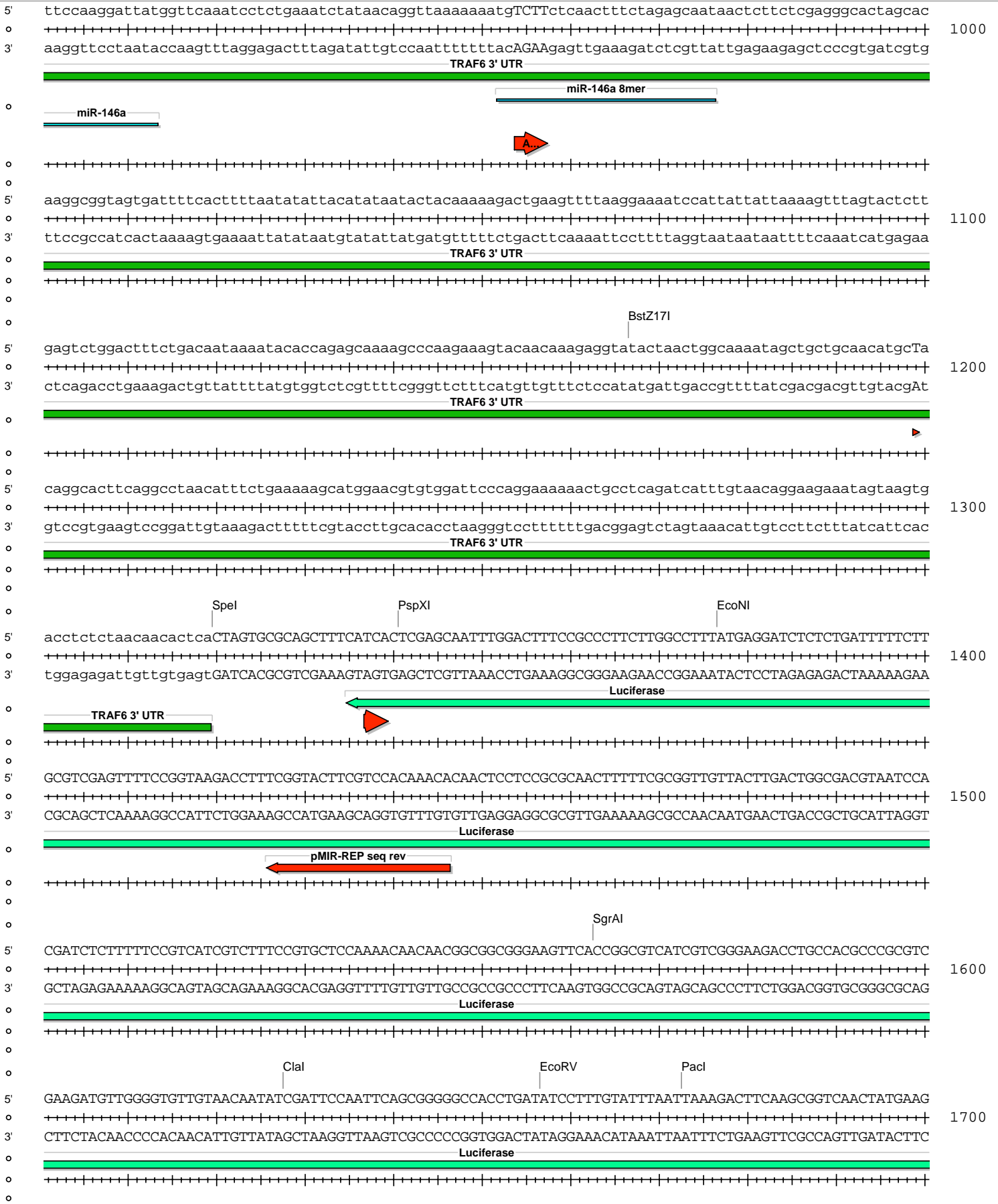
Absent Sites	0	Aarl,AbsI,Afel,AleI,Apal,Ascl,AsiSI,Bael,Bael',BarI,Barl',BbvCI,BclI,BglI, BmgBI,Bpu10I,BstXI,EcoICRI,FseI, FspAI,MauBI,MluI,MreI, NaeI, NgoMIV,Nrul,PasI,PfIMI,PshAI,PspOMI,SacI,SanDI,SgrDI,SrfI,Swal
Acc65I	1	3265 (6935)
AfIII	1	894 (6935)
AgeI	1	6568 (6935)
AhdI	1	4622 (6935)
AjuI	1	2111 (6935)
AjuI'	1	2143 (6935)
Alol	1	3024 (6935)
Alol'	1	2992 (6935)
AlwNI	1	4145 (6935)
Arsl	1	1812 (6935)
Arsl'	1	1844 (6935)
AvrII	1	6619 (6935)
BamHI	1	3000 (6935)
BlnI	1	466 (6935)
BsaBI	1	5784 (6935)
BsgI	1	620 (6935)
BsmI	1	5697 (6935)
BsrGI	1	2501 (6935)
BssHII	1	6052 (6935)
BstZ17I	1	1167 (6935)
Bsu36I	1	2379 (6935)
BtgZI	1	3250 (6935)
Clal	1	1628 (6935)
CspCI	1	3214 (6935)
CspCI'	1	3179 (6935)
DraIII	1	5943 (6935)
EcoNI	1	1377 (6935)
EcoO109I	1	1813 (6935)
EcoRV	1	1657 (6935)
HindIII	1	463 (6935)
HpaI	1	5683 (6935)
KpnI	1	3269 (6935)
MscI	1	6136 (6935)
NotI	1	407 (6935)
PacI	1	1673 (6935)
PmeI	1	834 (6935)
PmlI	1	691 (6935)
PpuMI	1	1813 (6935)
PspXI	1	1341 (6935)
Psrl	1	2862 (6935)
Psrl'	1	2830 (6935)
PstI	1	6591 (6935)
RsrII	1	6392 (6935)
SacII	1	6299 (6935)
SalI	1	6399 (6935)
SbfI	1	6591 (6935)
SfiI	1	6673 (6935)
SgrAI	1	1563 (6935)
SnaBI	1	3248 (6935)
SpeI	1	1320 (6935)
SspI	1	5426 (6935)
Tth111I	1	6468 (6935)
XcmI	1	2261 (6935)

Xmnl 1 5221 (6935)

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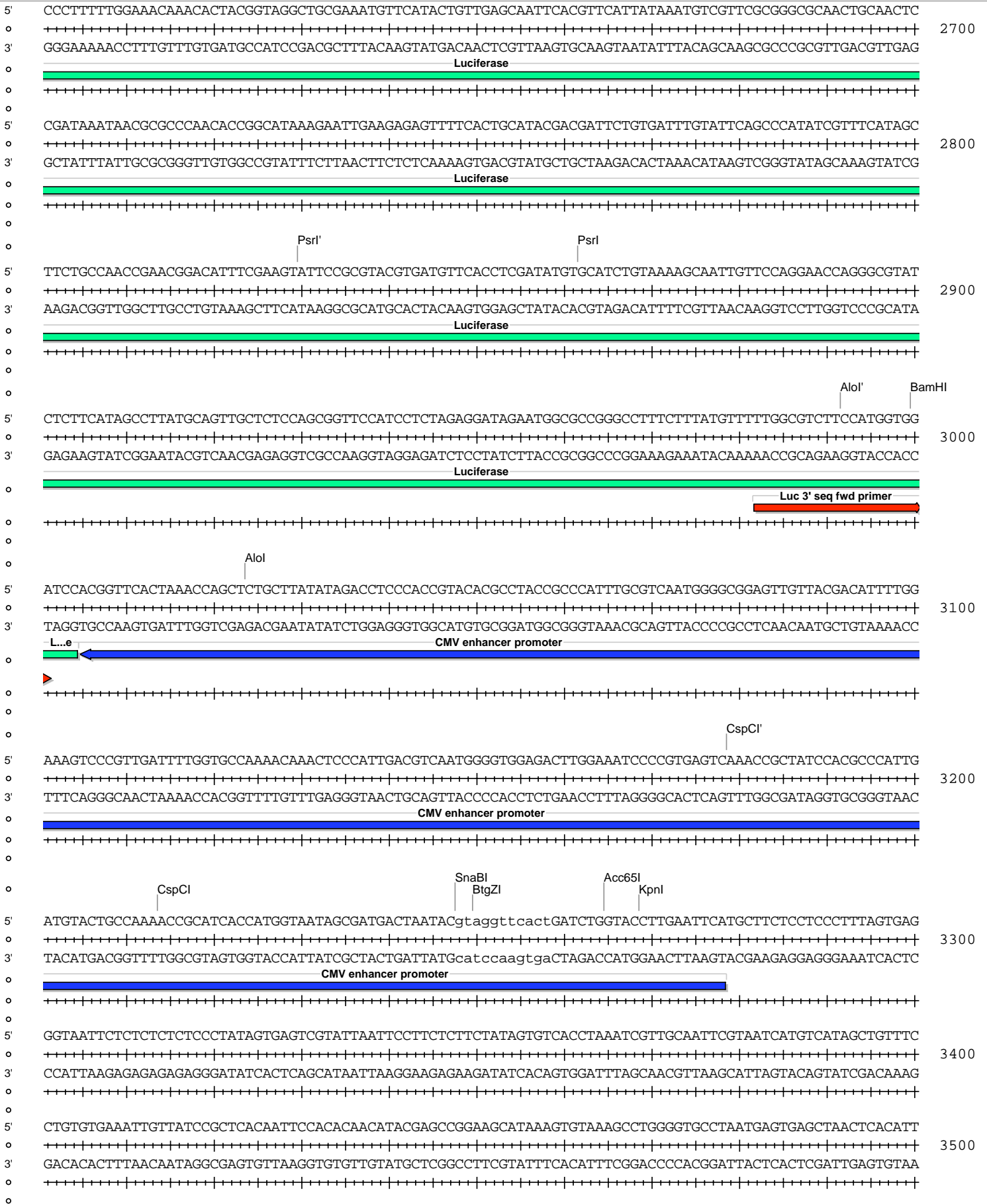
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5' AATTGCGTTGCGCTCACTGCCCCTTTCCAGTCGGGAAACCTGTCTGTCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGCGGTTTGCCTATT
 3' TTAACGCAACGCGAGTGACGGGCGAAAGGTGAGCCCTTTGGACAGCACGGTCGACGTAATTACTTAGCCGGTTGCGCGCCCTCTCCGCCAAACGCATAA
 ColE1 origin

5' GGGCGCTCTCCGCTTCTCTCGCTCACTGACTCGCTGCGCTCGGTCTGCGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCA
 3' CCCGCGAGAAGGCGAAGGAGCGAGTGACTGAGCGACGCGAGCCAGCAAGCCGACGCCGCTCGCCATAGTCGAGTGAGTTTCCGCCATTATGCCAATAGGT
 ColE1 origin

5' CAGAATCAGGGGATAACGCAGGAAAGACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCT
 3' GTC'TTAGTCCCTATTGCGTCTTTCTTGTACTCTGTTTCCGGTCTTTTCCGGTCTTGGCATT'TTTCGGCGCAACGACCGCAAAAAGGTATCCGA
 ColE1 origin

5' CCGCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCTGGAAGCTCC
 3' GGCGGGGGACTGCTCGTAGTGT'TTTAGTGCAGATTAGTCTCCACCGCTTTGGGCTGTCTGATATTTCTATGGTCCGCAAAGGGGGACCTTCGAGG
 ColE1 origin

5' CTCGTGCGCTCTCCTGTTCCGACCTGCCGCTTACCGGATACCTGTCCGCTTCTCCCTTCGGGAAGCGTGGCGCTTCTCATAGCTCACGCTGTAGGT
 3' GAGCACGCGAGAGGACAAGGCTGGGACGGCAATGGCCTATGGACAGGGCGAAAGAGGAAGCCCTTCGCACCGCGAAAGAGTATCGAGTGCACATCCA
 ColE1 origin

5' ATCTCAGTTCGGTGTAGGTCGTTCCGCTCCAAGCTGGGCTGTGTGCACGAACCCCGTTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGA
 3' TAGAGTCAAGCCACATCCAGCAAGCGAGGTTGACCCGACACACGTGCTTGGGGGGCAAGTCGGGCTGGCGACGCGGAATAGGCCATTGATAGCAGAACT
 ColE1 origin

AlwNI

5' GTCCAACCCGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAG
 3' CAGGTTGGGCCATTCTGTGCTGAATAGCGGTGACCGTCTGCGGTGACCATTGTCCTAATCGTCTCGCTCCATACATCCGCCACGATGTCTCAAGAACTTC
 ColE1 origin

5' TGGTGGCCTAACTACGGCTACACTAGAAGAACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGAAAAAGAGTTGGTAGCTCTTGATCCG
 3' ACCACCGATTGATGCCGATGTGATCTTCTTGTGCATAAACCATAGACGCGAGACGACTTCGGTCAATGGAAGCCTTTTTCTCAACCATCGAGAACTAGGC
 ColE1 origin

5' GCAAAAAAACCCGCTGGTAGCGGTGGTTTTTTTGTGTTGCAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTAC
 3' CGTTTTTTTGGTGGCGACCATCGCCACCAAAAAACAAACGTTTCGTCTAATGCGGCTCTTTTTTTCCTAGAGTTCTTCTAGGAACTAGAAAAGATG
 ColE1 origin

5' GGGGTCTGACGCTCAGTGAACGAAAACCTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTACCTAGATCCTTTTAAATTAATAATGA
 3' CCCCAGACTGCGAGTACCTTGTCTTTGAGTGAATTCCCTAAAACAGTACTCTAATAGTTTTTCCCTAGAAGTGGATCTAGGAAAATTTAATTTTACT
 ColE1 origin

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5' AGTTTTAAATCAATCTAAAGTATATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTT
 4600
 3' TCAAAAATTTAGTTAGATTTTCATATATACTCAATTTGAACCAGACTGTCAATGGTTACGAATTAGTCACTCCGTTGGATAGAGTCGCTAGACAGATAAAGCAA
 AMPr

AhdI

5' CATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAAAGTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCATGCAATGATACCGCGAGACCCACGCTC
 4700
 3' GTAGGTATCAACGGACTGAGGGGCAGCACATCTATTGATGCTATGCCCTCCCGAATGGTAGACCGGGTACGACGTTACTATGGCGCTCTGGGTGCGAG
 AMPr

5' ACCGGCTCCAGATTTATCAGCAATAAACAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGT
 4800
 3' TGGCCGAGGTCTAAATAGTCGTTATTTGGTCCGTCGGCCTTCCCGCTCGCTTACCAGGACGTTGAAATAGGCGGAGGTAGGTGAGATAAATTAACA
 AMPr

5' TGCCGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTTCGTTGGTATGG
 4900
 3' ACGGCCCTTCGATCTCATTCAAGCGGTCAATATCAAACGCGTTGCAACAACGTTAACGATGTCGGTAGCACCACAGTGCAGCAGCAAACCATAAC
 AMPr

5' CTTTCATTGAGTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTCAG
 5000
 3' GAAGTAAGTCGAGGCCAAGGGTTGCTAGTTCGGTCAATGTAAGTGGGGTACAACAGTCTTTTCGCCAATCGAGGAAGCCAGGAGGCTAGCAACAGTC
 AMPr

5' AAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAATCTCTTACTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAG
 5100
 3' TTCATTCAACCGCGTCACAATAGTGTAGTACCAATACCGTCTGAGCTATTAAGAGAATGACAGTACGGTAGGCATTCTACGAAAAGACACTGACCACTC
 AMPr

5' TACTCAACCAAGTCAATCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCTGGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAA
 5200
 3' ATGAGTTGGTTCAGTAAGACTCTTATCACATACCGCGTGGCTCAACGAGAAGCGGCGCAGTTATGCCCTATATGCGCGGTGTATCGTCTTGAATTT
 AMPr

XmnI

5' AAGTGTCTCATCATTGAAAACGTTCTTTCGGGGCGAAAACCTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTG
 5300
 3' TTCACGAGTAGTAACCTTTTGAAGAAGCCCCGCTTTTGGAGAGTTCCTAGAATGGCGACAACCTCTAGGTCAGCTACATTGGGTGAGCACGTGGGTGAC
 AMPr

5' ATCTTCAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAAACAGGAAGGCAAAAATGCCGCAAAAAAGGAATAAGGGCGACACGGAAATGTGA
 5400
 3' TAGAAGTCGTAGAAAAAGTAAAGTGGTCGAAAGACCCACTCGTCTTTTGTCTTCCGTTTACGGCGTCTTTTCCCTTATTCGCGTGTGCCTTTTCAACT
 AMPr

SspI

5' ATACTCATACTCTTCTTTTCAATATATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAA
 5500
 3' TATGAGTATGAGAAGGAAAAAGTTATAATAACTTCGTAATAGTCCCAATAACAGAGTACTCGCCTATGTATAAACTTACATAAATCTTTTATTTGTTT
 AMPr

