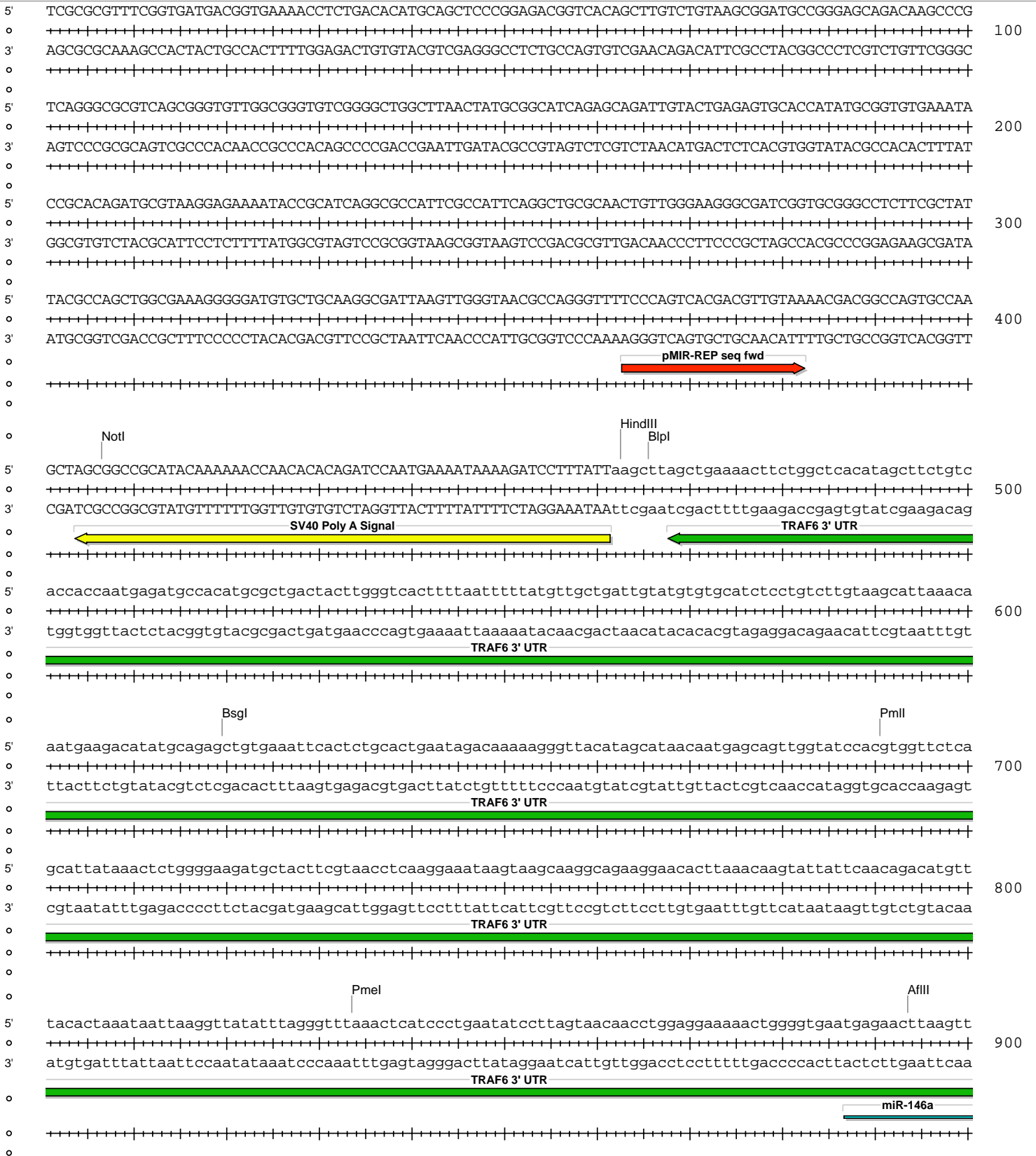


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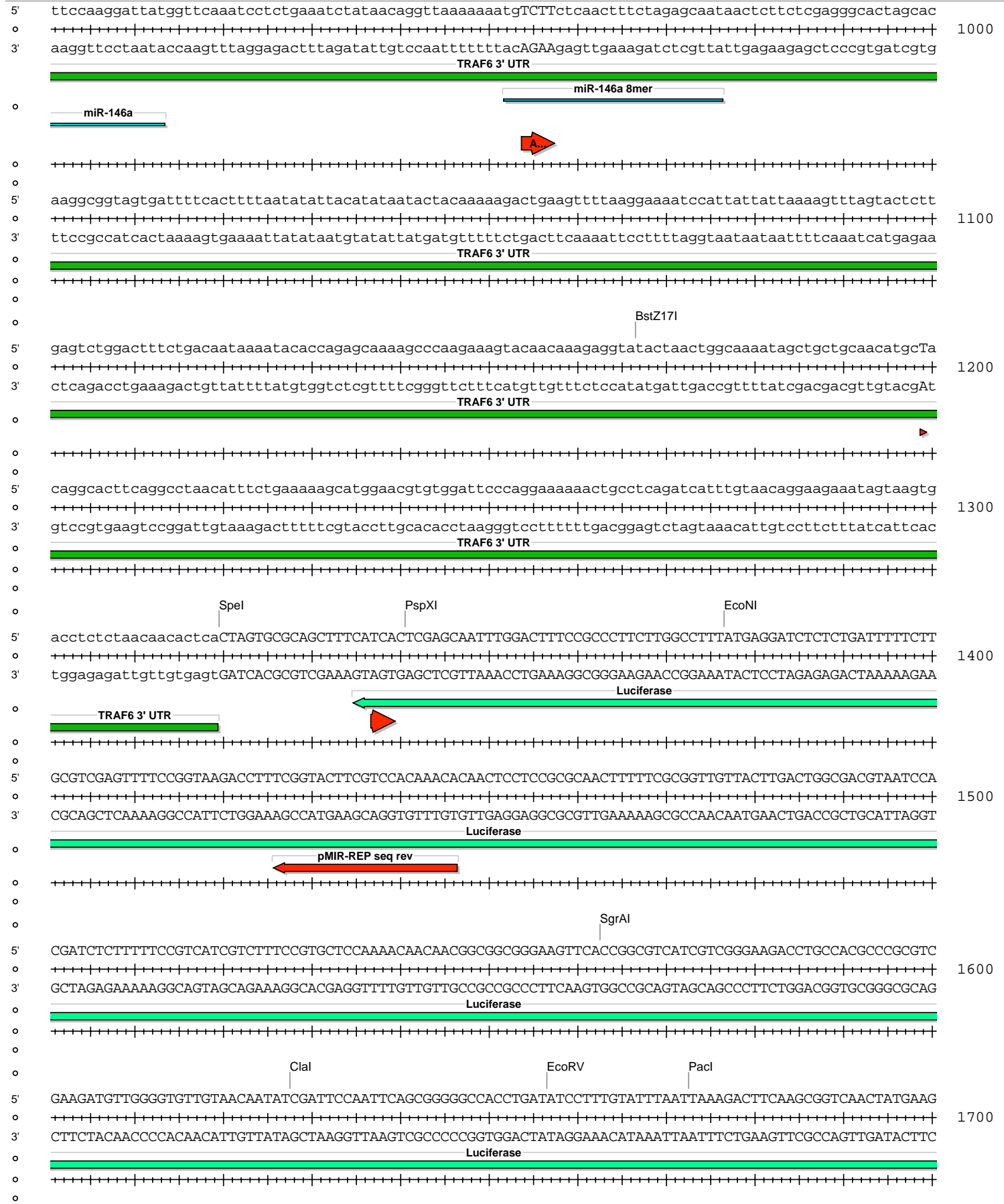
Absent Sites	0	Aarl,AbsI,Afel,AleI,Apal,Ascl,AsiSI,Bael,Bael',BarI,BarI',BbvCI,BclI,BglI,BmgBI,Bpu10I,BstXI,EcoICRI,FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,Nrul,PasI,PfIMI,PshAI,PspOMI,SacI,SanDI,SgrDI,SrfI,Swal
Acc65I	1	3265 (6935)
AfIII	1	894 (6935)
AgeI	1	6568 (6935)
AhdI	1	4622 (6935)
AjuI	1	2111 (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)
Sall	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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5' AAGTGTTCGTCTTCGTCGCCAGTAAGCTATGTCTCCAGAATGTAGCCATCCATCCTTGTCAATCAAGGCGTTGGTCGCTTCCGGATTGTTTACATAACCGG
 1800
 3' TTCACAAGCAGAAGCAGGGTCATTTCGATACAGAGGCTTACATCGGTAGGTAGGAACAGTTAGTTCCGCAACCAGCGAAGGCCTAACAAATGTATTGGCC
 Luciferase

Arsl
 EcoO109I
 PpuMI
 Arsl'

5' ACATAATCATAGGTCCTCTGACACATAATTGCGCTCTCTGATTAACGCCAGCGTTTCCCGGTATCCAGATCCACAACCTTCGCTTCAAAAAATGGAAC
 1900
 3' TGTATTAGTATCCAGGAGACTGTGTATTAAGCGGAGAGACTAATTGCGGGTCGCAAAGGGCCATAGGTCTAGGTGTTGGAAGCGAAGTTTTTACCTTG
 Luciferase

5' AACTTTACCGACCGCGCCCGGTTTATCATCCCCCTCGGGTGAATCAGAATAGCTGATGTAGTCTCAGTGAGCCATATCCTTGTTCGTATCCCTGGAAGA
 2000
 3' TTGAAATGGCTGGCGCGGGCCAAATAGTAGGGGAGCCACATTAGTCTTATCGACTACATCAGAGTCACTCGGGTATAGGAACAGCATAGGGACCTTCT
 Luciferase

5' TGGAAGCGTTTTGCAACCGCTTCCCGACTTCTTTGAAAGAGGTGCGCCCCAGAAGCAATTTCTGTAAATTAGATAAATCGTATTTGTCAATCAGAG
 2100
 3' ACCTTCGAAAACGTTGGCGAAGGGCTGAAGAAAGCTTCTCCACGCGGGGTCTTCGTTAAAGCACATTTAATCTATTTAGCATAAACAGTTAGTCTC
 Luciferase

Ajul
 Ajul'

5' TGCTTTTGGCGAAGAATGAAAATAGGGTGGTACTAGCAACGCACCTTTGAATTTTGTAAATCCTGAAGGGATCGTAAAAACAGCTCTTCTTCAAATCTATA
 2200
 3' ACGAAAACCGCTTCTTACTTTTATCCCAACCATGATCGTTGCGTGAAACTTAAAACATTAGGACTTCCTTAGCATTTTTGTGAGAAGAAGTTTAGATAT
 Luciferase

XcmI

5' CATTAAAGACGACTCGAAATCCACATATCAAATATCCGAGTGTAGTAAACATTCAAAACCGTGATGGAATGGGACAACACTTAAAATCGCAGTATCCGGA
 2300
 3' GTAATTCGCTGAGCTTTAGGTGTATAGTTTATAGGCTCACATCATTTGTAAGGTTTGGCACTACCTTACCTGTGTGAATTTAGCGTCATAGGCCT
 Luciferase

Bsu36I

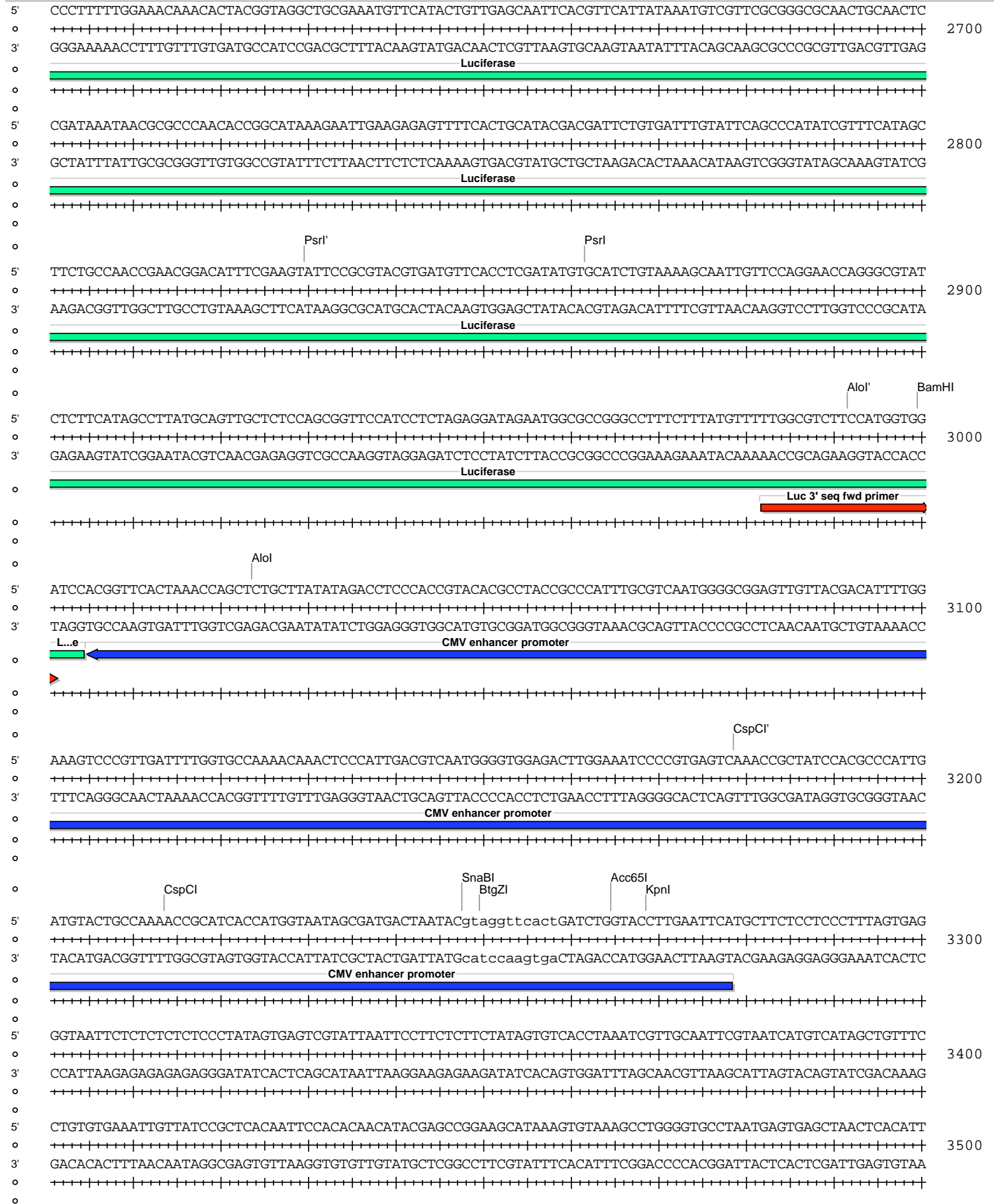
5' ACGATTTGATGCCCCAAAATAGGATCTCTGGCATGCGAGAATCTGACGCAGGCAGTTCTATGCGGAAGGGCCACACCCTTAGGTAACCCAGTAGATCCAG
 2400
 3' TGCTAAACTAACGGTTTTTATCCTAGAGACCGTACGCTCTTAGACTGCGTCCGTCAAGATACGCCTTCCCGGTGTTGGGAATCCATTGGGTCATCTAGGTC
 Luciferase

5' AGGAATTCATTATCAGTGCAATTGTTTTGTACAGATCAAAGACTCTGGTACAAAATCGTATTCATTAAAACCGGGAGGTAGATGAGATGTGACGAACGT
 2500
 3' TCCTTAAGTAATAGTCACGTTAACAAAAACAGTGTAGTTTCTGAGACCATGTTTGTAGCATAAGTAATTTGGCCCTCCATCTACTCTACACTGCTTGCA
 Luciferase

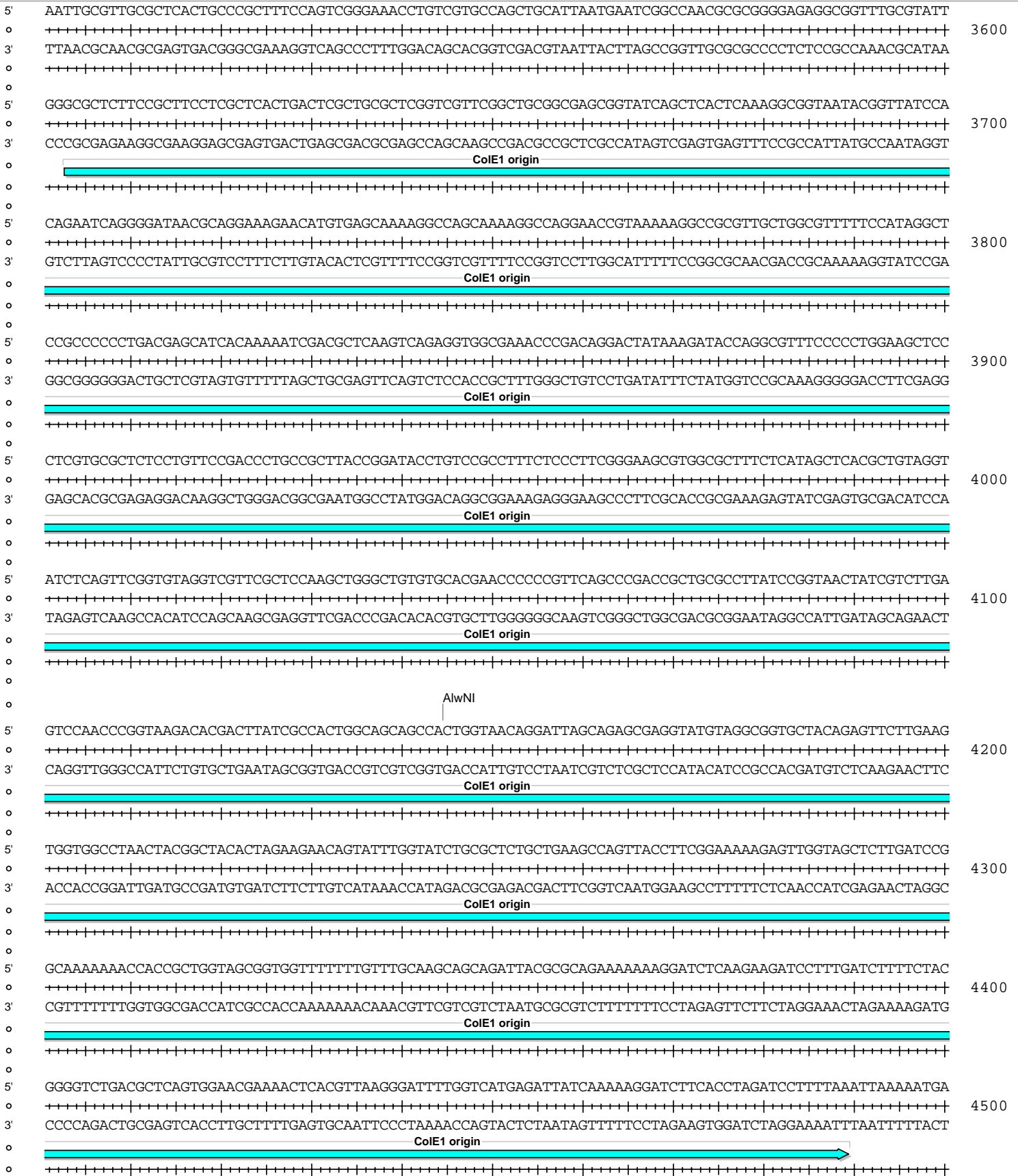
BsrGI

5' GTACATCGACTGAAATCCCTGGTAATCCGTTTTAGAATCCATGATAATAATTTCTGGATTATGGTAATTTTTTTGACAGTTCAAAAATTTTTGCAAC
 2600
 3' CATGTAGCTGACTTTAGGACCATTAGGCAAAATCTTAGGTACTATTATTAAGACCTAATAACCATTAAAAAACGTGCAAGTTTTAAAAACGTTG
 Luciferase

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5' AGTTTTAAATCAATCTAAAGTATATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTT
 4600
 3' TCAAAATTTAGTTAGATTTTCATATATACTCAATTTGAACCAGACTGTCAATGGTTACGAATTAGTCACTCCGTTGGATAGAGTCGCTAGACAGATAAAGCAA
 AMPr

AhdI

5' CATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAAAGTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCATGCAATGATACCGCGAGACCCACGCTC
 4700
 3' GTAGGTATCAACGGACTGAGGGGCAGCACATCTATTGATGCTATGCCCTCCCGAATGGTAGACCGGGTACGACGTTACTATGGCGCTCTGGGTGCGAG
 AMPr

5' ACCGGCTCCAGATTTATCAGCAATAAACAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGT
 4800
 3' TGGCCGAGGTCTAAATAGTCGTTATTTGGTCGGTCCGCTTCCCGCTCGCTTACCAGGACGTTGAAATAGGCGGAGGTAGGTGAGATAAATTAACA
 AMPr

5' TGCCGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTCTGGTATGG
 4900
 3' ACGGCCCTTCGATCTCATTCAAGCGGTCAATATCAAACGCGTTGCAACAACGTAACGATGTCGGTAGCACCACAGTGCAGCAGCAAACCATAAC
 AMPr

5' CTTTCATTGAGTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTCAG
 5000
 3' GAAGTAAGTCGAGGCCAAGGGTTGCTAGTTCGGTCAATGTAAGTGGGGTACAACAGTCTTTTCGCCAATCGAGGAAGCCAGGAGGCTAGCAACAGTC
 AMPr

5' AAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAATCTCTTACTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAG
 5100
 3' TTCATTCAACCGCGTCACAATAGTGTAGTACCAATACCGTCTGAGCGTATTAAGAGAATGACAGTACGGTAGGCATTCTACGAAAAGACACTGACCACTC
 AMPr

5' TACTCAACCAAGTCAATCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAA
 5200
 3' ATGAGTTGGTTCAGTAAGACTCTTATCACATACGCCGCTGGCTCAACGAGAAGCGGCGCAGTTATGCCCTATATGCGCGGTTGATCGTCTTGAATTT
 AMPr


XmnI

5' AAGTGTCTCATCATTTGAAAACGTTCTTTCGGGGCGAAAACCTCTCAAGGATCTTACCCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTG
 5300
 3' TTCACGAGTAGTAACCTTTTGAAGAAGCCCCGCTTTTGGAGAGTTCCTAGAATGGCGACAACCTCTAGGTCAGCTACATTGGGTGAGCACGTGGGTTGAC
 AMPr

5' ATCTTCAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAAAGGCAAAAATGCCGCAAAAAAGGAATAAGGGCGACACGGAAATGTGTA
 5400
 3' TAGAAGTCGTAGAAAAAGTAAAGTGGTCGAAAGACCCACTCGTCTTTTGTCTTCCGTTTACGGCGTCTTTTCCCTTATTCGCCGCTGTGCCTTTTCAACT
 AMPr

SspI

5' ATACTCATACTCTTCCCTTTTCAATATATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAA
 5500
 3' TATGAGTATGAGAAGGAAAAAGTTATAATAACTTCGTAATAGTCCCAATAACAGAGTACTCGCCTATGTATAAACTTACATAAATCTTTTATTTGTTT
 AMPr



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5' TAGGGGTTCCGCGCACATTTCCCGAAAAGTGCACCTGACGTCTAAGAAACCATTATTATCATGACATTAACCTATAAAAATAGGCGTATCACGAGATT
 3' ATCCCAAGGCGCGTGTAAAGGGCTTTTACGCTGGACTGCAGATTCTTTGGTAATAATAGTACTGTAATTGGATAATTTTATCCGCATAGTGCCTCTAA
 HpaI BsmI

5' GCAGTGAAAAAATGCTTTATTGTGAAATTTGTGATGCTATTGCTTTATTGTAAACCATTATAAGCTGCAATAAACAAGTTAACAACAACAATTGCATT
 3' CGTCACTTTTTTACGAAATAAACACTTTAAACACTACGATAACGAAATAAACATTGGTAATATTTCGACGTTATTTGTTCAATTGTTGTTTAAACGTAA
 SV40 Poly A

5' CATTTTATGTTTCAGGTTTCAGGGGAGGTGTGGGAGGTTTTTAAAGCAAGTAAACCTCTACAAATGTGGTATGGCTGATTATGATCCTCTAGAGTCGG
 3' GTAAAATACAAAGTCCAAGTCCCTCCACACCCTCCAAAAAATTCGTTTATTTGGAGATGTTTACACCATACCGACTAATACTAGGAGATCTCAGCC
 BsaBI

5' TGGGCTCGGGGCGGTTGCGGGTTCGCGGGGCGCCCGGGTGGCTTCGGTCGGAGCCATGGGTCGTGCGCTCCTTCGGTCGGGCGCTGCGGGTGC
 3' ACCCGAGCCCCCGCCACGCCAGCCCGCCCGGGCGGGCCACCGAAGCCAGCCTCGGTACCCAGCACGCGAGGAAAGCCAGCCCGCAGCCCGAGC
 DralI

5' TGGGCGGGCGTTCAGGCACCGGGCTTGCAGGTCATGCACCAGGTGCGCGGTCCTTCGGGCACCTCGACGTCGGCGGTGACGGTGAAGCCGAGCCGCTCGT
 3' ACCCGCCCCGAGTCCGTGGCCCGAACGCCAGTACGTGGTCCACGCGCCAGGAAGCCCGTGGAGCTGCAGCCGCCACTGCCACTTCGGCTCGGCAGCA
 Puromycin resistance

5' AGAAGGGGAGGTTGCGGGGCGCGGAGGTTCTCCAGGAAGGCGGGCACCCCGCGCGCTCGGCCGCTCCACTCCGGGGAGCACGACGGCGCTGCCAGACC
 3' TCTTCCCCTCCAACGCCCCGCGCTCCAGAGGTCCTTCGCCCCGTGGGGCGCGGAGCCGCGGAGGTGAGGCCCTCGTGCTGCCGCGAGGGTCTGG
 BssHII
 Puromycin resistance

5' CTTGCCCTGGTGGTTCGGGCGAGACGCCGACGGTGGCCAGGAACCACGCGGGCTCCTTGGGCCGGTTCGGGCGCCAGGAGGCTTCCATCTGTTGCTGCGCG
 3' GAACGGGACACCAGCCGCTCTGCGGCTGCCACCGTCTTGGTTCGCGCCGAGGAACCCGCGCCAGCCGCGGTCTCCGGAAGGTAGACAACGACGCGC
 MscI
 Puromycin resistance

5' GCCAGCCGGGAACCGCTCAACTCGGCCATGCGCGGGCCGATCTCGGCGAACACCGCCCCGCTTCGACGCTCTCCGGCGTGGTCCAGACCCACCAGCGG
 3' CGGTTCGGCCCTTGGCGAGTTGAGCCGGTACGCGCCCGGCTAGAGCCGCTTGTGGCGGGGCGAAGCTGCGAGAGGCCGACAGGTCTGGCGGTGGCGCC
 Puromycin resistance

5' CGCCGTCGTCGCGACCCACACCTTGCAGATGTCGAGCCGACGCGCGTGGGAAGAGTTCTTGCAGCTCGGTGACCCGCTCGATGTGGCGGTCCGGGTC
 3' GCGGACGAGGCGCTGGGTGTGGAACGGCTACAGCTCGGGCTGCGCGCACTCCTTCTCAAGAAGCTGAGCCACTGGGCGAGCTACACCGCCAGGCCAG
 Puromycin resistance
 RsrII Sall

