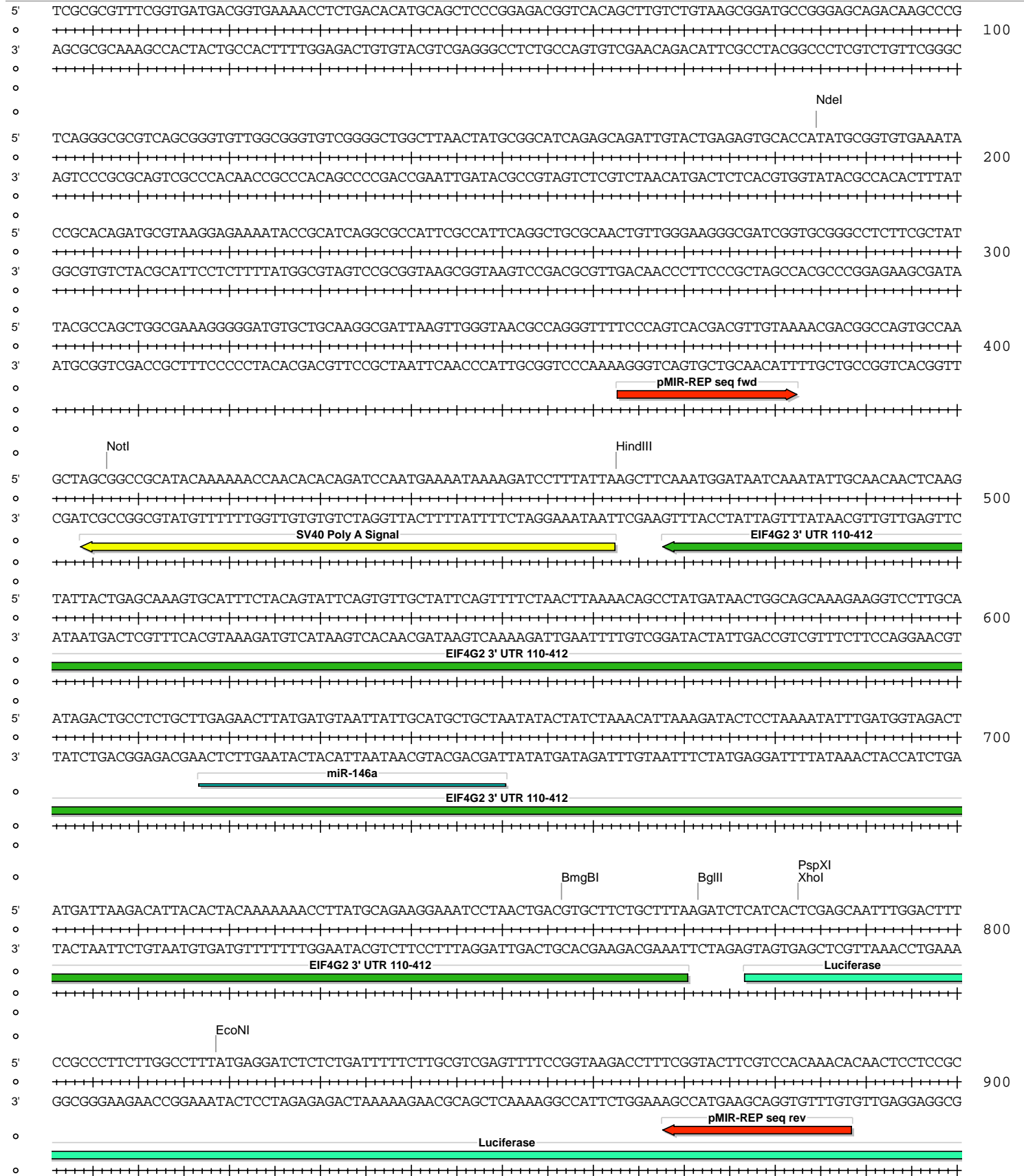




## pMIR-REPORT

Absent Sites	0	AarI,AbsI,AfeI,AfIII,AleI,ApaI,AscI,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,Bpu10I,BsgI,BstXI,BstZ17I,EcoICRI,Fall,Fall',FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,NruI,PasI,PflMI,PmeI,PmlI,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	2707 (6377)
AgeI	1	6010 (6377)
AhdI	1	4064 (6377)
AjuI	1	1553 (6377)
AjuI'	1	1585 (6377)
Alol	1	2466 (6377)
Alol'	1	2434 (6377)
AlwNI	1	3587 (6377)
ArsI	1	1254 (6377)
ArsI'	1	1286 (6377)
AvrII	1	6061 (6377)
BamHI	1	2442 (6377)
BglII	1	772 (6377)
BmgBI	1	757 (6377)
BsaBI	1	5226 (6377)
BsmI	1	5139 (6377)
BsrGI	1	1943 (6377)
BssHII	1	5494 (6377)
Bsu36I	1	1821 (6377)
BtgZI	1	2692 (6377)
ClaI	1	1070 (6377)
CspCI	1	2656 (6377)
CspCI'	1	2621 (6377)
DraIII	1	5385 (6377)
EcoNI	1	819 (6377)
EcoRV	1	1099 (6377)
HindIII	1	463 (6377)
HpaI	1	5125 (6377)
KpnI	1	2711 (6377)
MscI	1	5578 (6377)
NdeI	1	185 (6377)
NotI	1	407 (6377)
PacI	1	1115 (6377)
PciI	1	3171 (6377)
PspXI	1	783 (6377)
PsrI	1	2304 (6377)
PsrI'	1	2272 (6377)
PstI	1	6033 (6377)
RsrII	1	5834 (6377)
SacII	1	5741 (6377)
SalI	1	5841 (6377)
SbfI	1	6033 (6377)
Scal	1	4544 (6377)
SfiI	1	6115 (6377)
SgrAI	1	1005 (6377)
SnaBI	1	2690 (6377)
Tth111I	1	5910 (6377)
XcmI	1	1703 (6377)
XhoI	1	783 (6377)
XmnI	1	4663 (6377)

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5' GCAACTTTTTTCGCGGTGTACTTGACTGGCGACGTAATCCACGATCTCTTTTTCCGTCATCGTCTTTCGGTGCTCCAAAACAACAACGGCGCGGGAAG 1000  
 3' CGTTGAAAAAGCGCCAACAATGAACTGACCGCTGCATTAGGTGCTAGAGAAAAAGGCAGTAGCAGAAAAGGCACGAGGTTTTGTTGTTGCCGCCGCCCTTC  
 Luciferase

SgrAI Clal EcoRV

5' TTCACCGGCGTCATCGTCGGGAAGACCTGCCACGCCCGGTCTGAAGATGTTGGGGTGTGTGAACAATATCGATTCCAATTCAGCGGGGCCACCTGATAT 1100  
 3' AAGTGGCCGCGAGTAGCAGCCCTTCTGGACGGTGCGGGCGCAGCTTCTACAACCCCAACAATTGTTATAGCTAAGGTTAAGTCGCCCCCGGTGGACTATA  
 Luciferase

Pacl

5' CCTTGTATTTAATTAAGACTTCAAGCGGTCAACTATGAAGAAGTGTTCGTCTTCGTCCCAGTAAGCTATGTCTCCAGAATGTAGCCATCCATCCTTGT 1200  
 3' GGAAACATAAATTAATTTCTGAAGTTCGCCAGTTGATACTTCTTACAAGCAGAAGCAGGGTCATTCGATACAGAGGCTTTACATCGGTAGGTAGGAACA  
 Luciferase

ArsI ArsI'

5' CAATCAAGGCGTTGGTCGCTTCCGGATTGTTTACATAACCGACATAATCATAGGTCCTCTGACACATAATTCGCCTCTCTGATTAACGCCAGCGTTTT 1300  
 3' GTTAGTTCGCAACCAGCGAAGGCCTAACAAATGTATTGGCCTGTATTAGTATCCAGGAGACTGTGTATTAAGCGGAGAGACTAATTGCGGGTCGCAAAA  
 Luciferase

5' CCCGGTATCCAGATCCACAACCTTCGCTTCAAAAAATGGAACAACCTTACCACCGCGCCCGGTTTATCATCCCCCTCGGGTGTAAATCAGAATAGCTGAT 1400  
 3' GGGCCATAGGTCTAGGTGTTGGAAGCGAAGTTTTTACCTTGTTGAAATGGCTGGCGCGGGCCAAATAGTAGGGGAGCCACATTAGTCTTATCGACTA  
 Luciferase

5' GTAGTCTCAGTGAGCCATATCCTTGTCTGATCCCTGGAAGATGGAAGCGTTTTGCAACCGCTTCCCCGACTTCTTTCGAAAGAGGTGCGCCCCAGAAG 1500  
 3' CATCAGAGTCACTCGGTATAGGAACAGCATAGGGACCTTCTACCTTCGCAAAACGTTGGCGAAGGGCTGAAGAAAGCTTCTCCACGCGGGGTCTTC  
 Luciferase

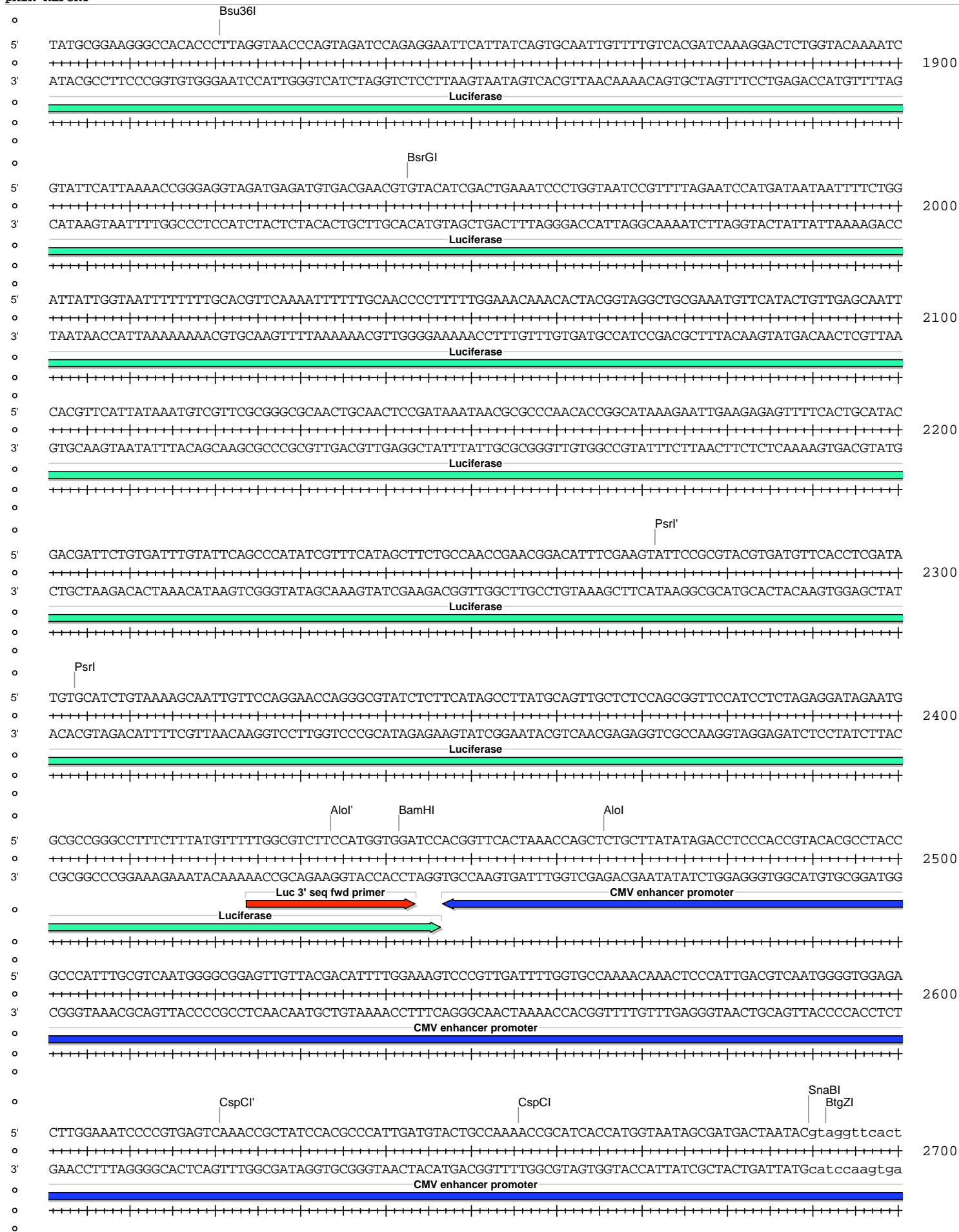
AjuI AjuI'

5' CAATTCGTGTAATTAGATAAATCGTATTTGTCAATCAGAGTGTCTTTGGCGAAGAATGAAAATAGGGTTGGTACTAGCAACGCCTTTGAATTTTGTA 1600  
 3' GTTAAAGCACATTTAATCTATTTAGCATAAACAGTTAGTCTCACGAAAACCGCTTCTTACTTTTATCCCAACCATGATCGTTGCGTGAAACTTAAACAT  
 Luciferase

5' ATCCTGAAGGGATCGTAAAAACAGCTCTTCTCAAATCTATACATTAAGACGACTCGAAATCCACATATCAAATATCCGAGTGTAGTAAACATTCCAAAA 1700  
 3' TAGGACTTCCCTAGCATTTTTGTCGAGAAGAAGTTTAGATATGTAATCTGCTGAGCTTTAGGTGTATAGTTTATAGGCTCACATCATTGTAAGGTTTT  
 Luciferase

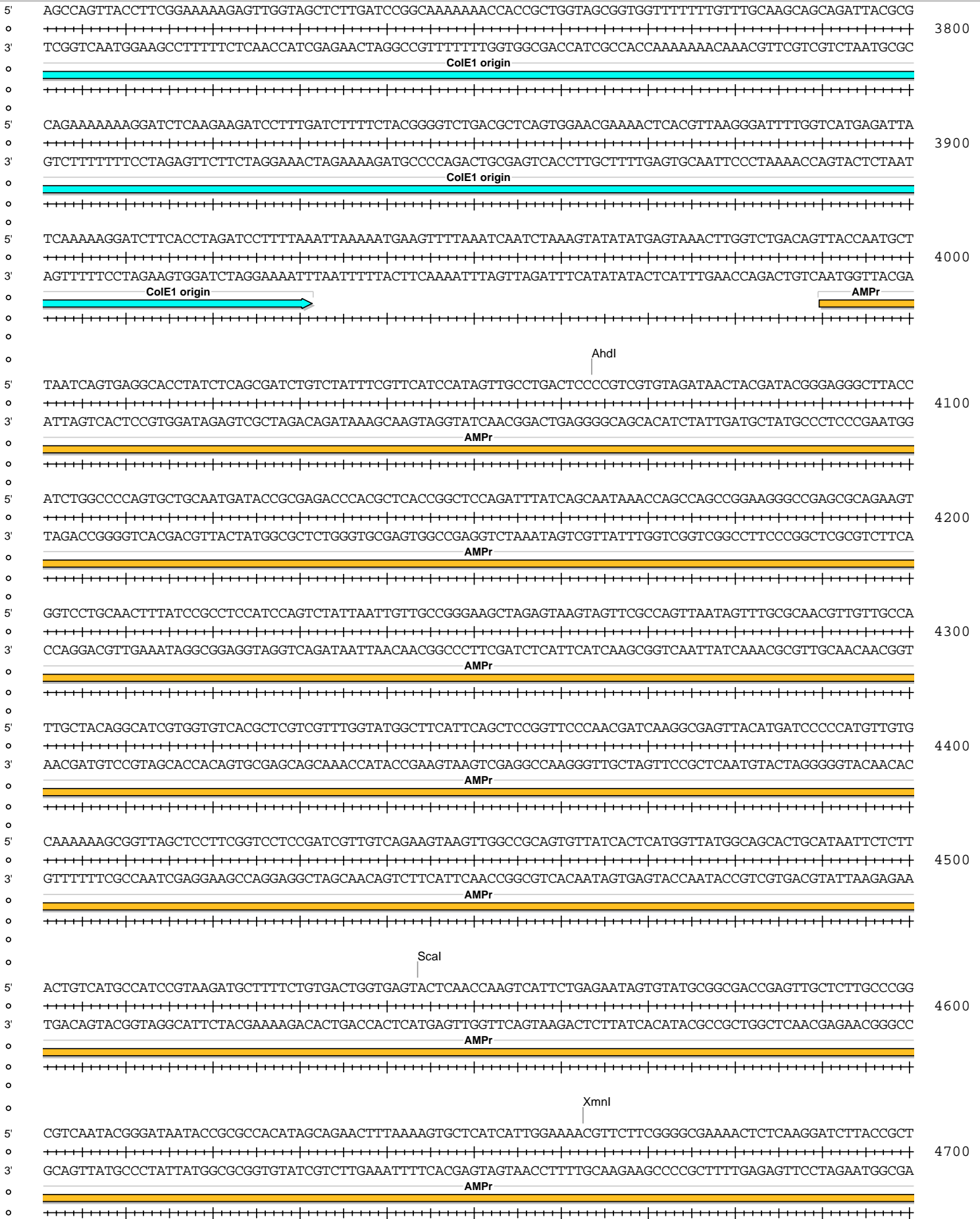
XcmI

5' CCGTGATGGAATGGGACAACACTTAAAATCGCAGTATCCGGAACGATTTGATTGCCAAAAATAGGATCTCTGGCATGCGAGAATCTGACGCAGGCAGTTC 1800  
 3' GGCCTACCTTACCCTGTTGTGAATTTTAGCGTCATAGGCCTTGCTAAACTAACGGTTTTTATCCTAGAGACCGTACGCTCTTAGACTGCGTCCGTC AAG  
 Luciferase





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SacI

5' CCGCTTCGACGCTCTCCGGCGTGGTCCAGACCGCCACCGGGCGCCGTCGTCGCGACCCACACCTTGCCGATGTCGAGCCGACGCGCGTGAGGAAGAG 5800  
 3' GGCGAAGCTGCGAGAGGCCGACCAGGTCTGGCGGTGGCGCCGCGGACAGGCGCTGGGTGTGGAACGGCTACAGCTCGGGCTGCGCGCACTCCTTCTC  
 Puromycin resistance

RsrII Sall

5' TTCTTGCAGCTCGGTGACCCGCTCGATGTGGCGTCCGGTTCGACGGTGTGGCGCTGGCGGGTAGTCGGCGAACGCGCGGCGAGGGTTCGTACGGCC 5900  
 3' AAGAACGTGCGAGCCACTGGGCGAGCTACACCGCCAGGCCAGCTGCCACACCGCGCACCCGCCCATCAGCCGCTTGCGCCGCGCTCCACGCATGCCGG  
 Puromycin resistance

Tth111I

5' CGGGGGACGTCGTCGCGGGTGGCGAGGCGCACCGTGGGCTTGTACTCGGTCATGGAAGGTCGTCCTTGTGAGGGGTGAGGGCGTGGGTGAGGGGATG 6000  
 3' GCCCCTGCAGCAGCGCCACCGCTCCGCGTGGCACCCGAACATGAGCCAGTACCTTCCAGCAGAGGAACACTCCCCAGTCCCCGACCCAGTCCCCTAC  
 Puromycin resistance

AgeI

SbfI PstI

AvrII

5' GTGGCGGCACCGGTCGTGGCGCCGACCTGCAGGCATGCAAGCTAGCTTTTGTCAAAGCCTAGGCCTCCAAAAAGCCTCCTCACTACTTCTGGAATAG 6100  
 3' CACCGCCGTGGCCAGCACCGCCGGCTGGACGTCCTGATCGAATAACGTTTTCGGATCCGGAGGTTTTCGGAGGAGTGATGAAGACCTTATC  
 SV40 Promoter

SfiI

5' CTCAGAGGCCGAGGCGGCCTCGGCCTCTGCATAAATAAAAAAATTAGTCAGCCATGGGGCGGAGAATGGGCGGAACTGGGCGGAGTTAGGGGCGGGATG 6200  
 3' GAGTCTCCGGCTCCGCGGAGCCGGAGACGTATTTATTTTAAATCAGTCGGTACCCCGCCTTTACCCGCTTGACCCGCCTCAATCCCCGCCTAC  
 SV40 Promoter

5' GGCGGAGTTAGGGGCGGACTATGGTTGCTGACTAATTGAGATGCATGCTTTCGATACTTCTGCCTGCTGGGGAGCCTGGGGACTTTCACACCTGGTTG 6300  
 3' CCGCCTCAATCCCCGCCTGATACCAACGACTGATTAACCTACGTACGAAACGTATGAAGACGGACACCCCTCGGACCCCTGAAAGGTGTGGACCAAC  
 SV40 Promoter

5' CTGACTAATTGAGATGCATGCTTTCGATACTTCTGCCTGCTGGGGAGCCTGGGGACTTTCACACCAATCTTTCGTC 6377  
 3' GACTGATTAACCTACGTACGAAACGTATGAAGACGGACACCCCTCGGACCCCTGAAAGGTGTGGTTAGAAAGCAG  
 SV40 Promoter