

pMIR-REPORT

Absent Sites	0	AbsI,AfeI,AfII,AleI,Apal,Ascl,AsiSI,Bael,Bael',BarI,Barl',BbvCI,BclI,BlpI,EcoICRI,Fall,Fall',FseI,FspAI,MauBI,MluI,MreI,Nael,NgoMIV,NruI,PaSI,PfIMI,PmeI,PshAI,PspOMI,SacI,SgrDI,SpeI,SrfI,Swal
AarI	1	1161 (7874)
AgeI	1	7507 (7874)
AhdI	1	5561 (7874)
Alol	1	3963 (7874)
Alol'	1	3931 (7874)
AlwNI	1	5084 (7874)
ArsI	1	2751 (7874)
ArsI'	1	2783 (7874)
AvrII	1	7558 (7874)
BamHI	1	3939 (7874)
BglII	1	2269 (7874)
BmgBI	1	655 (7874)
Bpu10I	1	1169 (7874)
BsaBI	1	6723 (7874)
BsgI	1	1281 (7874)
BssHII	1	6991 (7874)
BstXI	1	604 (7874)
BtgZI	1	4189 (7874)
Clal	1	2567 (7874)
CspCI	1	4153 (7874)
CspCI'	1	4118 (7874)
DrallI	1	6882 (7874)
EcoRV	1	2596 (7874)
HindIII	1	463 (7874)
HpaI	1	6622 (7874)
MscI	1	7075 (7874)
NdeI	1	185 (7874)
NotI	1	407 (7874)
PmlI	1	1146 (7874)
PspXI	1	2280 (7874)
PsrI	1	3801 (7874)
PsrI'	1	3769 (7874)
RsrII	1	7331 (7874)
SacII	1	7238 (7874)
SalI	1	7338 (7874)
SanDI	1	801 (7874)
Scal	1	6041 (7874)
SfiI	1	7612 (7874)
SgrAI	1	2502 (7874)
SnaBI	1	4187 (7874)
SspI	1	6365 (7874)
Tth111I	1	7407 (7874)
XcmI	1	3200 (7874)
XhoI	1	2280 (7874)
XmnI	1	6160 (7874)

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5' TCGCGCGTTTTCGGTGATGACGGTGAAAACCTCTGACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAGCGGATGCCGGGAGCAGACAAGCCCG  
 100  
 3' AGCGCGCAAAGCCACTACTGCCACTTTTGGAGACTGTGTACGTGAGGGCCTCTGCCAGTGTGGAACAGACATTTCGCCTACGGCCCTCGTCTGTTCCGGC

5' TCAGGGCGGTCAGCGGGTGTGGCGGGTGTGGGGCTGGCTTAACTATGCGGCATCAGAGCAGATTGTACTGAGAGTGCACCATATGCCGGTGTGAAATA  
 200  
 3' AGTCCCGCGCAGTCGCCACAACCGCCACAGCCCGACCGAATTGATACGCCGTAGTCTCGTCTAACATGACTCTCACGTGGTATACGCCACACTTTAT

5' CCGCACAGATGCGTAAGGAGAAAATACCGCATCAGGCGCCATTGCCATTTCAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTAT  
 300  
 3' GGCGTGTCTACGCATTCTCTTTATGCGGTAGTCCGCGTAAGCGGTAAGTCCGACGCGTTGACAACCCTTCCCGTAGCCACGCCGGAGAAGCGATA

5' TACGCCAGCTGGCGAAAGGGGATGTGTGCAAGGCGATTAAAGTTGGGTAAAGCCAGGGTTTCCAGTCACGACGTTGTAAAACGACGGCCAGTGCCAA  
 400  
 3' ATGCGGTCGACCGCTTCCCTTACACGACGTTCCGCTAATTCAACCCATTGCGGTCCCAAAGGGTCAGTGTGCAACATTTTGTGCCGGTCACGGTT

5' GCTAGCGGCCGCATACAAAAACCAACACACAGATCCAATGAAAATAAAGATCCTTTATTAAAGCTTggtagttccaaggtgcaacaatcttcaaaaca  
 500  
 3' CGATCGCCGGCGTATGTTTTTGGTTGTGTCTAGGTTACTTTTATTTCTAGGAAATAAATTCGAAaccatcaaggttccacgttgtagaagtttgt

5' tttgaggagtgtattagtcatttctcatgctgctgtaaaggactgccatgactgggtaattataaaggaaagaggttaattaactcacagttccaca  
 600  
 3' aaactcctcacataatcaggttaagtagcagcagacatttctgacgggtactgaccattaatatttcttctccaaattaatgagtgtaaggtgt

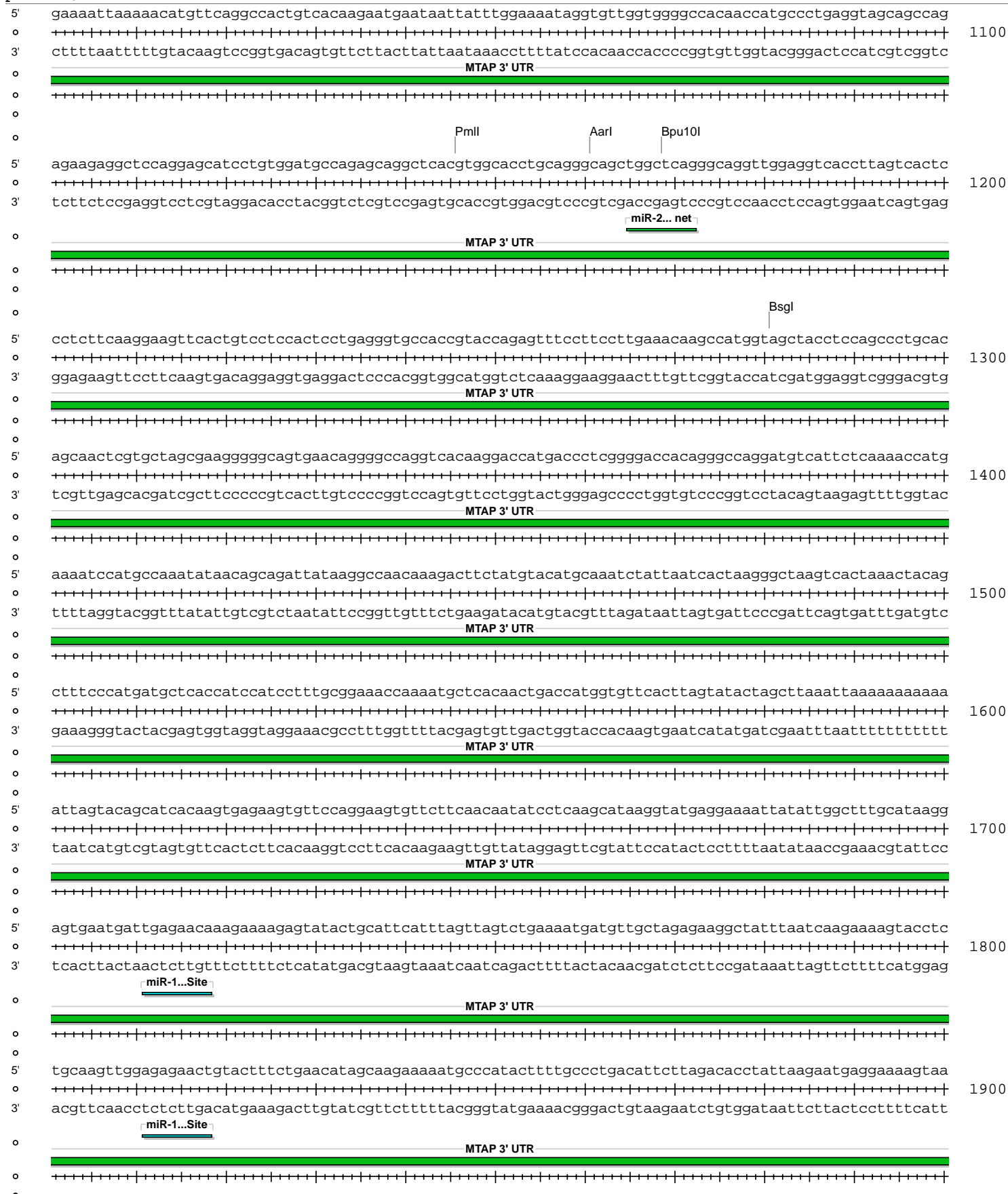
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 700  
 3' atcgaccctccggagtcttgaatgttagcacgctctccccttgttggcaggaagaaggtactaccgctcttctcacactcgtttccccc

5' aaaagcccctataaaacaaacaggactgtgagaactcagatcatgagaacagcagtggtggggtaaccaccccatgatattaactcctcccactgg  
 800  
 3' tttcggggaatatttgttgcctgaacactctgagtcagtagtactctgtcgtcacacccccatgggtgggggtactaaataatggagggtgacc

5' gtccctcccacaacatgtggggattatgggaactacaattcaacatgagattgggtggggacaccgcaaaccttatcaaggaggactctgcaaatgt  
 900  
 3' caggagggtgtgtacaccctaatacccttgatgtaagttgtagtactctaaaccacccctgtggcggttggaaatagttcctcctgagacgtttaca

5' ggcaagaactcctcatttcgtgacttctaaccatcagataactcctgaaaccttatcaaattggttctactggataagtgtggctaaatgcttgttga  
 1000  
 3' ccgttctgaggagtaagcactgaaggattgggtagtctatgaggaacttggaaatagtttaacaaagtacctattcacgaccgatttacgaacaact

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5' GGTATCCAGATCCACAACCTTCGCTTCAAAAAATGGAACAACCTTTACCGACCGCGCCCGGTTTATCATCCCCCTCGGGTGTAAATCAGAATAGCTGATGTA  
 2900  
 3' CCATAGGTCTAGGTGTTGGAAGCGAAGTTTTTTACCTTGTGAAATGGCTGGCGCGGGCCAAATAGTAGGGGGAGCCCACATTAGTCTTATCGACTACAT  
 Luciferase

5' GTCTCAGTGAGCCCATATCCTTGTTCGTATCCCTGGAAGATGGAAGCGTTTTCGCAACCGCTTCCCCGACTTCTTTCGAAAAGAGGTGCGCCCCAGAAGCAA  
 3000  
 3' CAGAGTCACTCGGGTATAGGAACAGCATAGGGACCTTCTACCTTCGCAAAACGTTGGCGAAGGGCTGAAGAAAGCTTCTCCACGCGGGGTCTTCGTT  
 Luciferase

5' TTTCGTGTAATAATAGATAAATCGTATTGTCAATCAGAGTGCTTTTGGCGAAGAATGAAAATAGGGTTGGTACTAGCAACGCACCTTTGAATTTTGTAAATC  
 3100  
 3' AAAGCACATTTAATCTATTTAGCATAAACAGTTAGTCTCACGAAAACCGCTTCTTACTTTTATCCCAACCATGATCGTTGCGTGAAACTTAAAACATTAG  
 Luciferase

5' CTGAAGGGATCGTAAAAACAGCTCTTCTTCAAATCTATACATTAAGACGACTCGAAATCCACATATCAAATATCCGAGTGTAGTAAACATTCAAAACCG  
 3200  
 3' GACTTCCCTAGCATTTTTGTGCGAGAAGAAGTTTAGATATGTAATCTGCTGAGCTTTAGGTGTATAGTTTATAGGCTCACATCATTTGTAAGGTTTTGGC  
 Luciferase

5' TGATGGAATGGGACAACACTTAAAATCGCAGTATCCGGAACGATTTGATTGCCAAAAATAGGATCTCTGGCATGCGAGAATCTGACGCAGGCAGTTCTAT  
 3300  
 3' ACTACCTTACCTGTTGTGAATTTTAGCGTCATAGGCCTTGCTAAACTAACGGTTTTTATCTAGAGACCGTACGCTCTTAGACTGCGTCCGTCGAAGATA  
 Luciferase

5' GCGGAAGGGCCACACCCTTAGGTAACCCAGTAGATCCAGAGGAATTCATTATCAGTGCAATTGTTTTGTCACGATCAAAGGACTCTGGTACAAAATCGTA  
 3400  
 3' CGCCTTCCCGTGTGGGAATCCATTGGGTCATCTAGGTCTCCTTAAGTAATAGTCACGTTAACAAAACAGTGCTAGTTTCTGAGACCATGTTTTAGCAT  
 Luciferase

5' TTCATTAAAACCGGGAGGTAGATGAGATGTGACGAACGTGTACATCGACTGAAATCCCTGGTAATCCGTTTTAGAATCCATGATAATAATTTCTGGATT  
 3500  
 3' AAGTAATTTTGGCCCTCCATCTACTCTACACTGCTTGACATGTAGCTGACTTTAGGGACCATTAGGCAAAATCTTAGGTACTATATTAAAAGACCTAA  
 Luciferase

5' ATTGGTAATTTTTTTTGCACGTTCAAAAATTTTTGCAACCCCTTTTTGGAACAAACACTACGGTAGGCTGCGAAATGTTTCATACTGTTGAGCAATTCAC  
 3600  
 3' TAACCATTAAAAAACGTCGAAGTTTTTAAAAACGTTGGGAAAAACCTTTGTTTTGTGATGCCATCCGACGCTTTACAAGTATGACAACCTCGTTAAGTG  
 Luciferase

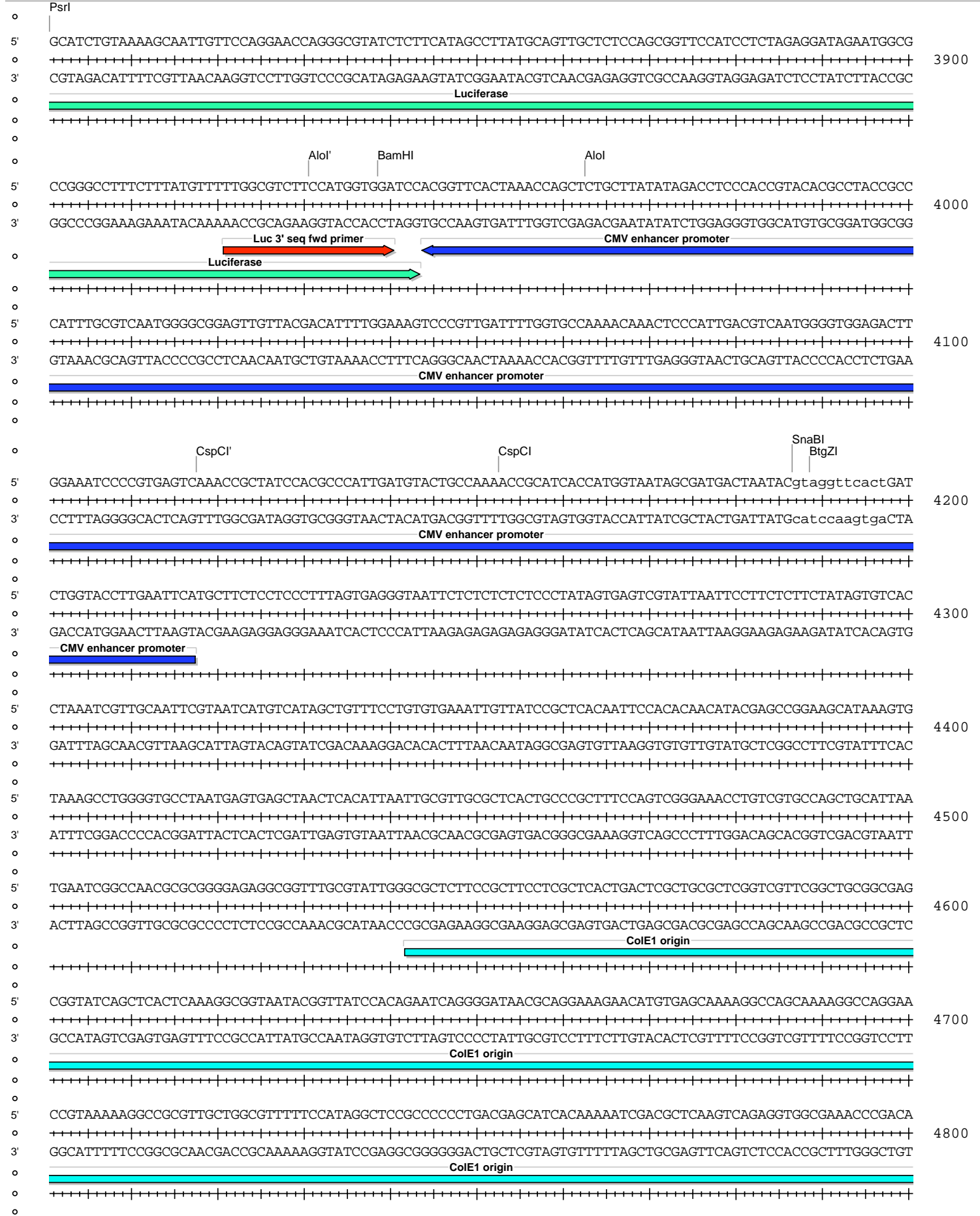
5' GTTCATTATAAATGTCGTTTCGCGGGCGCAACTGCAACTCCGATAAATAACGCGCCCAACACCGGCATAAAGAATGAAGAGAGTTTCACTGCATACGAC  
 3700  
 3' CAAGTAATATTTACAGCAAGCGCCCGGTTGACGTTGAGGCTATTTATTGCGCGGGTTGTGGCCGTAATTTCTTAACTTCTCTCAAAGTGACGTATGCTG  
 Luciferase

5' GATTCTGTGATTTGTATTTCAGCCATATCGTTTCATAGCTTCTGCCAACCGAACGGACATTTTCGAAGTATTCGCGGTACGTGATGTTTCACCTCGATATGT  
 3800  
 3' CTAAGACACTAAACATAAGTCGGGTATAGCAAAGTATCGAAGACGGTTGGCTTGCCGTGAAAGCTTCATAAGGCGCATGCACTACAAGTGGAGCTATACA  
 Luciferase

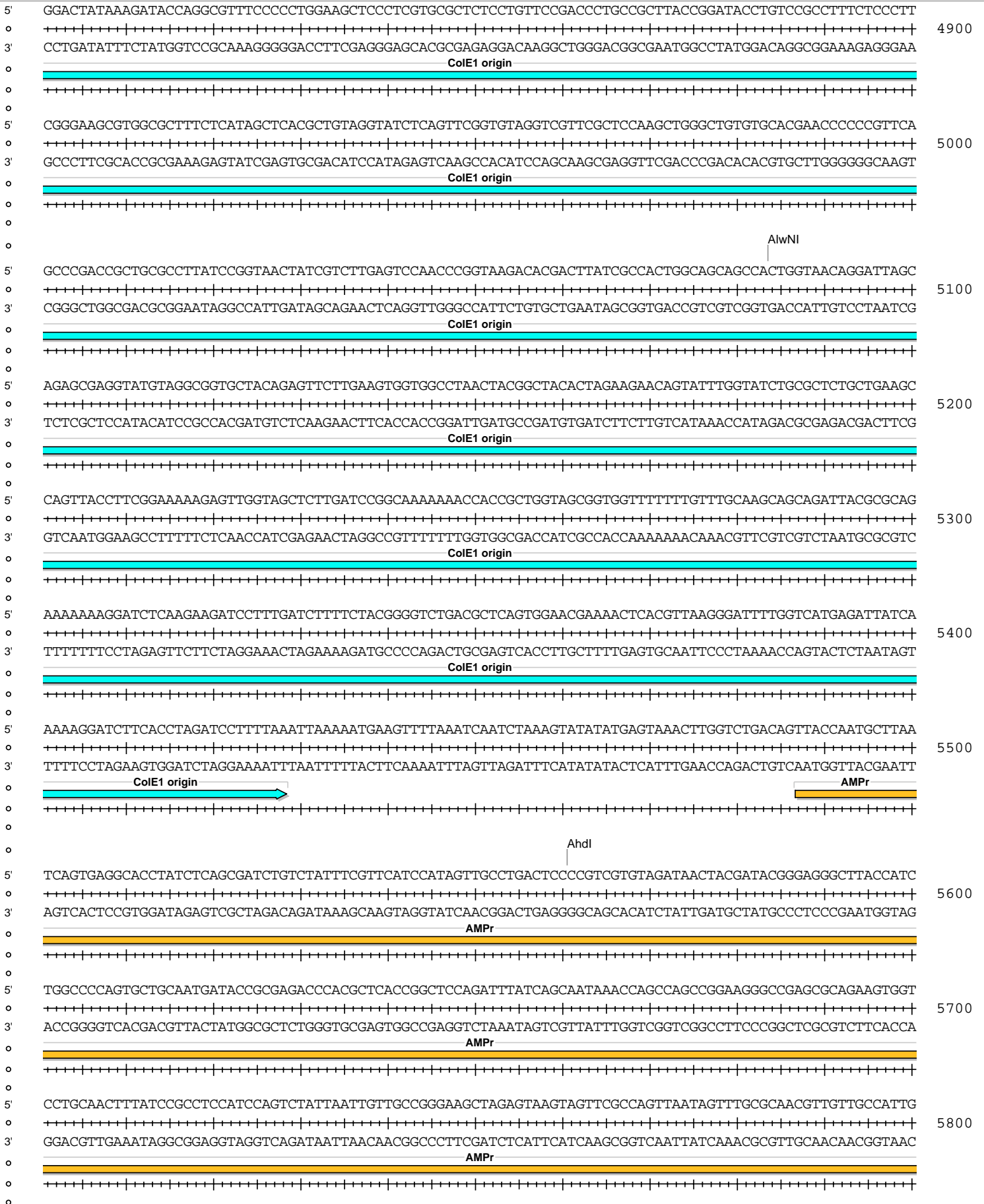
XcmI

PsrI

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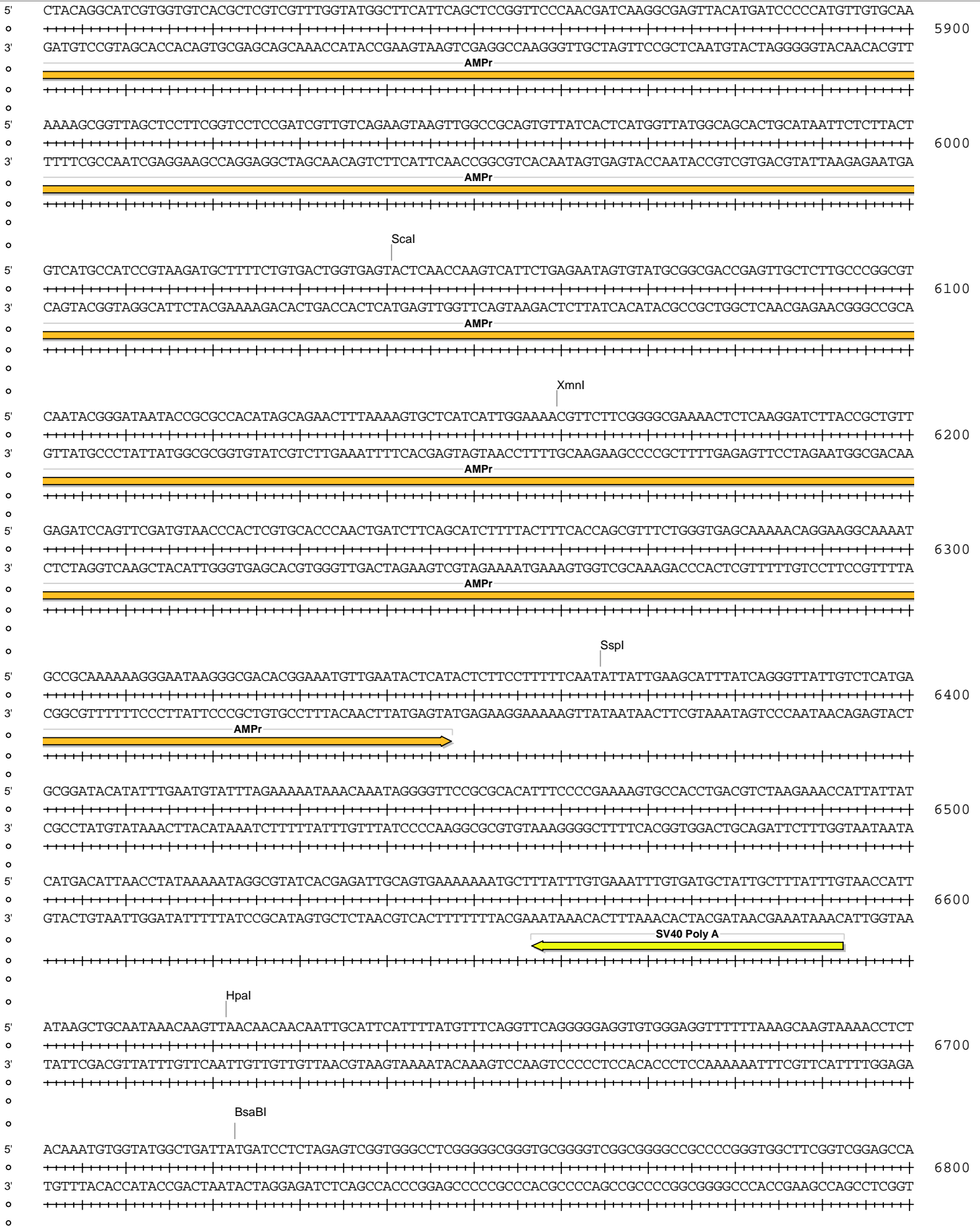


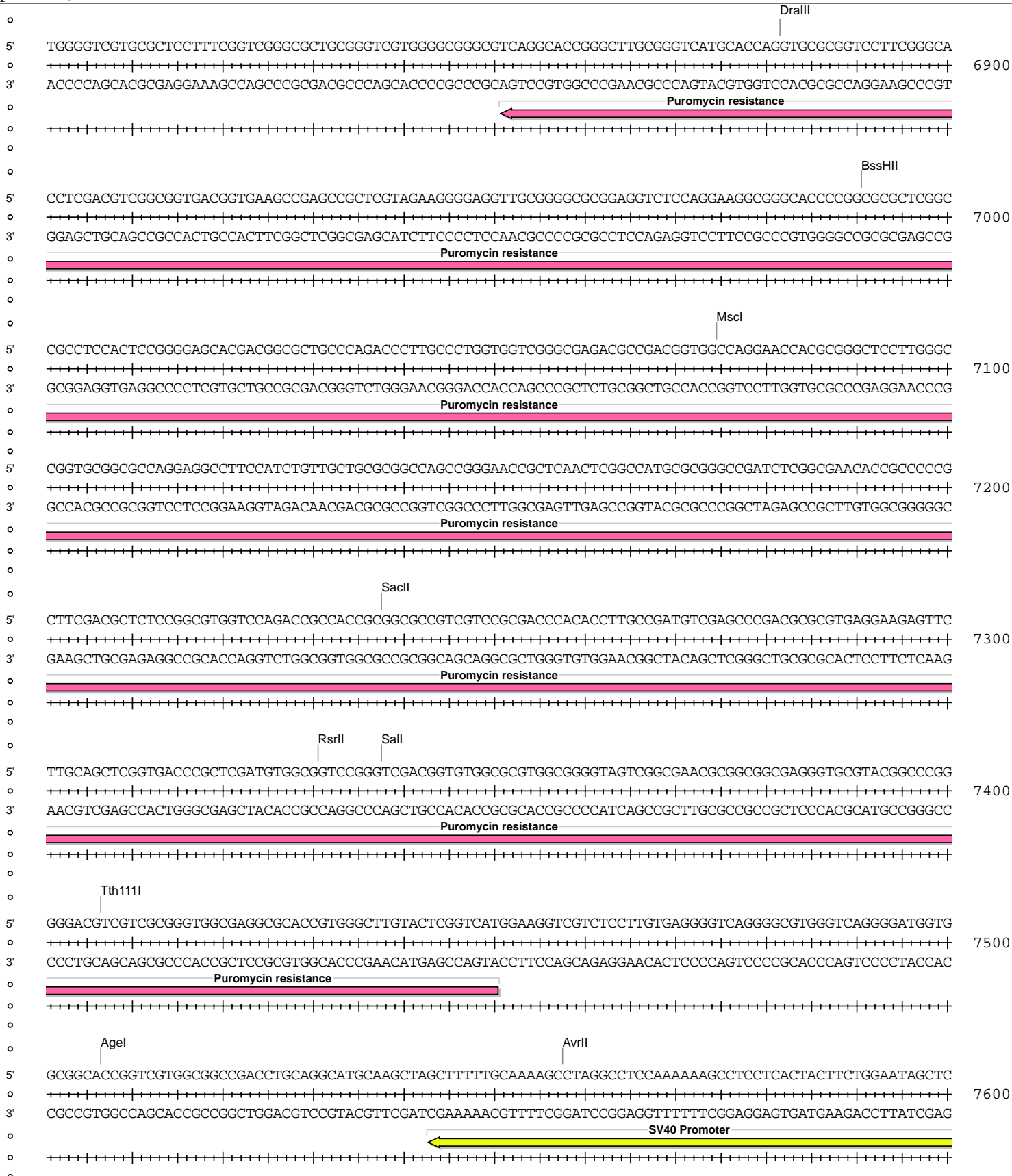
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AGAGGCCGAGGCGGCCTCGGCCTCTGCATAAATAAAAAAATTAGTCAGCCATGGGGCGGAGAATGGGCGAACTGGGCGGAGTTAGGGCGGGATGGGC  
TCTCCGGCTCCGCGGAGCCGGAGACGTATTTATTTTTTTAATCAGTCGGTACCCCGCCTTTACCCGCCTTGACCCGCCTCAATCCCCGCCCTACCCG

7700

SV40 Promoter

GGAGTTAGGGCGGGACTATGTTGCTGACTAATTGAGATGCATGCTTTGCATACTTCTGCCTGCTGGGGAGCCTGGGGACTTTCCACACCTGGTTGCTG  
CCTCAATCCCCGCCCTGATACCAACGACTGATTAACCTCTACGTACGAAACGTATGAAGACGGACGCCCTCGGACCCCTGAAAGGTGTGGACCAACGAC

7800

SV40 Promoter

ACTAATTGAGATGCATGCTTTGCATACTTCTGCCTGCTGGGGAGCCTGGGGACTTTCCACACCAATCTTTCGTC  
TGATTAACCTCTACGTACGAAACGTATGAAGACGGACGCCCTCGGACCCCTGAAAGGTGTGGTTAGAAAGCAG

7874

SV40 Promoter