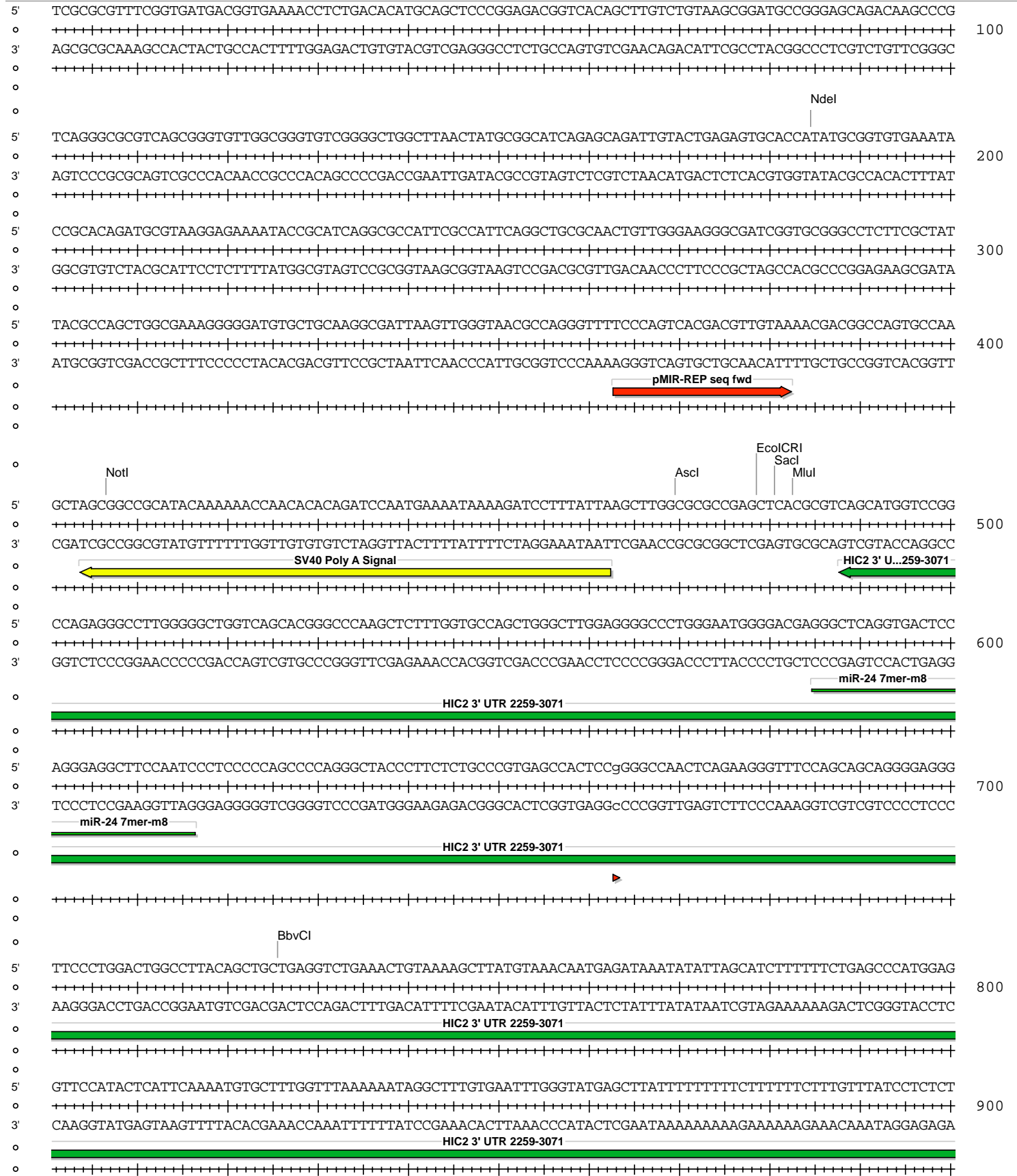


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Absent Sites	0	AarI, AbsI, AfeI, AflI, AleI, AsiSI, BaeI, BaeI', BarI, BarI', BclI, BplI, BmgBI, BsgI, BstXI, BstZ17I, Fall, Fall', FseI, FspAI, MauBI, MreI, NaeI, NgoMIV, NruI, PfiMI, PmeI, PmlI, PshAI, SanDI, SgrDI, SrfI, SwaI
Acc65I	1	3237
AccI	1	6372
AgeI	1	6540
AhdI	1	4594
AjuI	1	2083
AjuI'	1	2115
Alol	1	2996
Alol'	1	2964
Arsl	1	1784
Arsl'	1	1816
Ascl	1	470
AvrII	1	6591
BamHI	1	2972
BbvCI	1	726
BglII	1	1302
BsaBI	1	5756
BsmI	1	5669
BsrGI	1	2473
Bsu36I	1	2351
BtgZI	1	3222
ClaI	1	1600
CspCI	1	3186
CspCI'	1	3151
DraIII	1	5915
EcoCRI	1	479
EcoNI	1	1349
HpaI	1	5655
KpnI	1	3241
MluI	1	483
MscI	1	6108
NdeI	1	185
NotI	1	407
PacI	1	1645
PciI	1	3701
PpuMI	1	1785
PspXI	1	1313
PsrI	1	2834
PsrI'	1	2802
PstI	1	6563
RsrII	1	6364
SacI	1	481
SacII	1	6271
SalI	1	6371
SbfI	1	6563
Scal	1	5074
SfiI	1	6645
SgrAI	1	1535
SnaBI	1	3220
SpeI	1	1149
SspI	1	5398
Tth111I	1	6440
XcmI	1	2233
XhoI	1	1313

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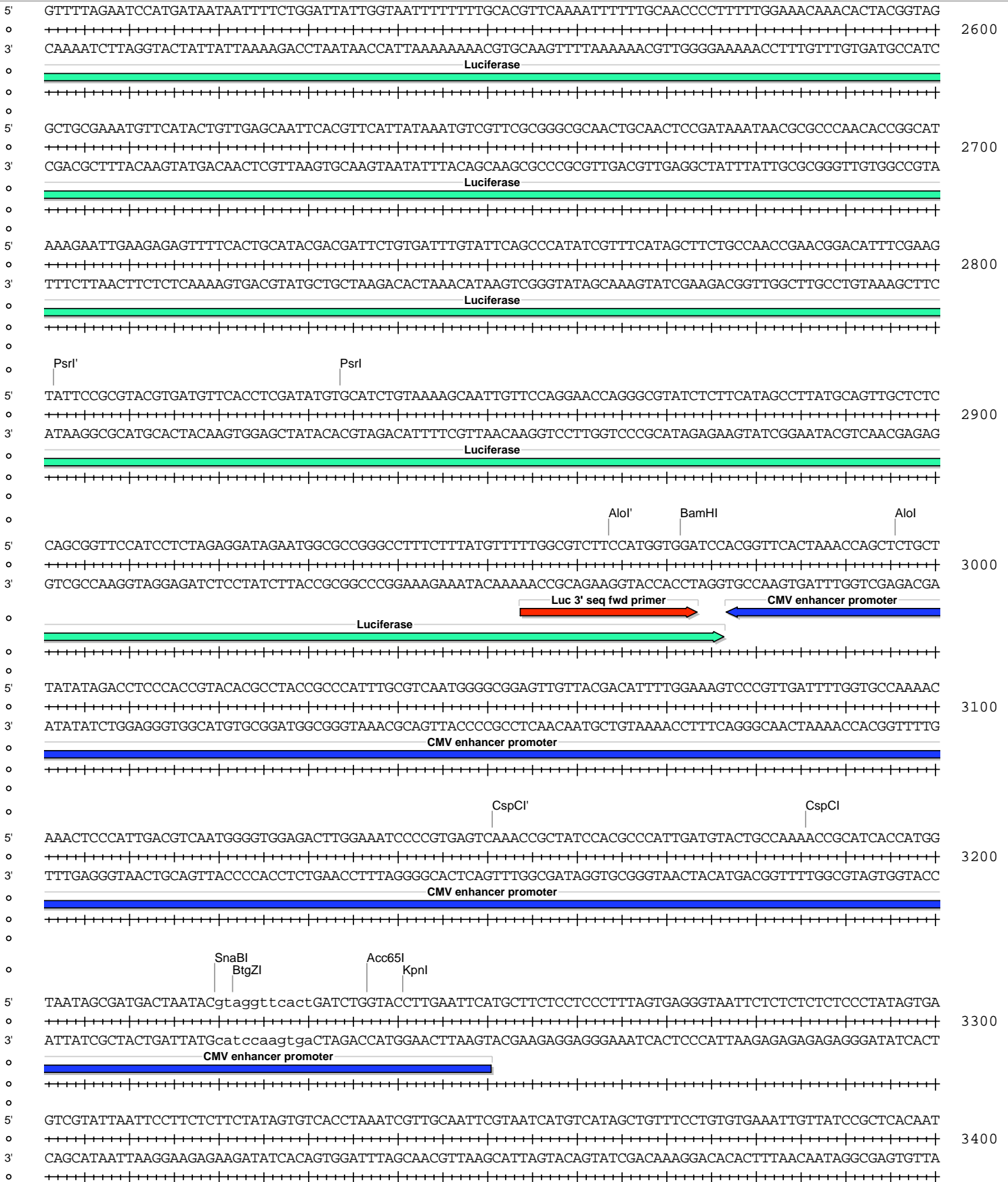


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5' TCCACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCATATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTC
 3' AGGTGTGTTGTATGCTCGGCCCTTCGTATTTACATTTCCGACCCACGGATTACTCACTCGATTGAGTGTAAATTAACGCAACGCGAGTGACGGGCGAAAG
 ColE1 origin

5' CAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCCTATTGGGCGCTCTTCCGCTTCTCTCGCTCACTG
 3' GTCAGCCCTTTGGACAGCACGGTCGACGTAATTACTTAGCCGGTTGCGCGCCCTCTCCGCCAAACGCATAACCCGCGAGAAGGCGAAGGAGCGAGTGAC
 ColE1 origin

5' ACTCGCTGCGCTCGGTTCGGTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAA
 3' TGAGCGACGCGAGCCAGCAAGCCGACGCGCTCGCCATAGTCGAGTGAGTTTCCGCCATTATGCCAATAGGTGTCTTAGTCCCCTATTGCGTCCTTTCTT
 ColE1 origin

Pcil

5' CATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAAT
 3' GTACACTCGTTTTCCGGTCGTTTTCCGGTCTTGGCATTTTCCGGCGCAACGACCGCAAAAAGGTATCCGAGGCGGGGGACTGCTCGTAGTGTTTT
 ColE1 origin

5' CGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCTGGAAGCTCCCTCGTGCCTCTCTGTTCGGACCTGC
 3' GCTGCGAGTTCAGTCTCCACCGCTTTGGGCTGTCTGATATTTCTATGGTCCGCAAAGGGGACCTTCGAGGGAGCACGCGAGAGGACAAGGCTGGGACG
 ColE1 origin

5' CGCTTACC GGATACTGTCCGCCTTTCTCCCTTCGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTGCTTCGCTC
 3' GCGAATGGCCTATGGACAGGCGAAAGAGGGAAGCCCTTCGCACCGCGAAAGAGTATCGAGTGCACATCCATAGAGTCAAGCCACATCCAGCAAGCGAG
 ColE1 origin

5' CAAGCTGGGCTGTGTGCACGAACCCCCGTTTCAGCCCGACCGCTGCGCCTTATCCGTAACATATCGTCTTGAGTCCAACCCGGTAAACACGACTTATCG
 3' GTTCGACCCGACACACGTGCTTGGGGGCAAGTCGGGCTGGCGACGCGGAATAGGCCATTGATAGCAGAACTCAGGTTGGGCCATTCTGTGCTGAATAGC
 ColE1 origin

5' CCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAA
 3' GGTGACCGTCGTGGTGACCATTGTCTTAATCGTCTCGCTCCATACATCCGCCACGATGTCTCAAGAACTTCACCACCGATTGATGCCGATGTGATCTT
 ColE1 origin

5' GAACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAAAACCACCGCTGGTAGCGGTGG
 3' CTTGTCATAAACCATAGACGCGAGACTTCGGTCAATGGAAGCCTTTTCTCAACCATCGAGAACTAGGCCGTTTTTTTGGTGGCGACCATCGCCACC
 ColE1 origin

5' TTTTTTTGTTTGAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAAACGAAAAC
 3' AAAAAAACAAACGTTGTCGCTAATGCGCGTCTTTTTTCTCCTAGAGTTCTTAGGAAACTAGAAAAGATGCCCCAGACTGCGAGTCACTTGCCTTTTG
 ColE1 origin

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