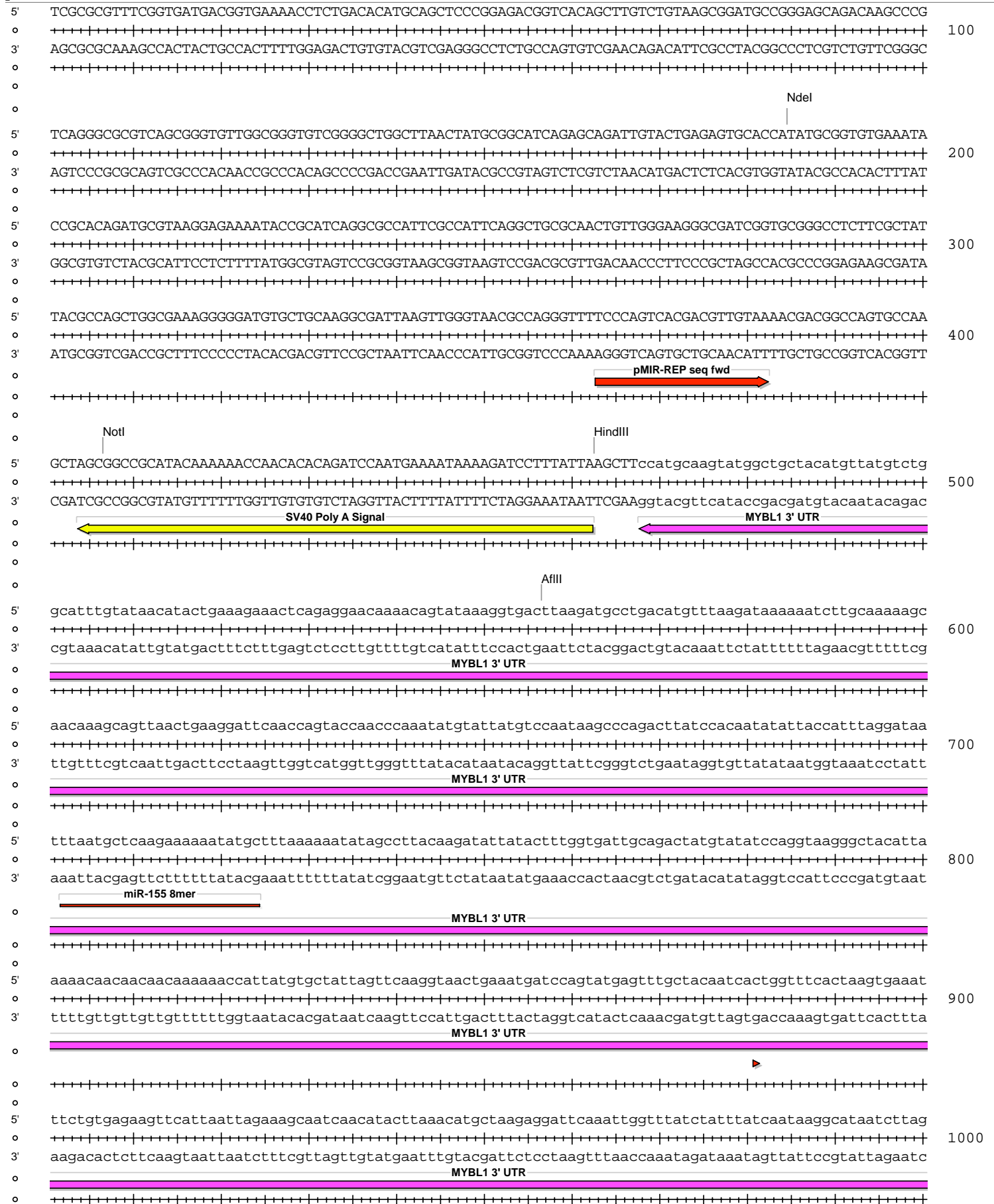
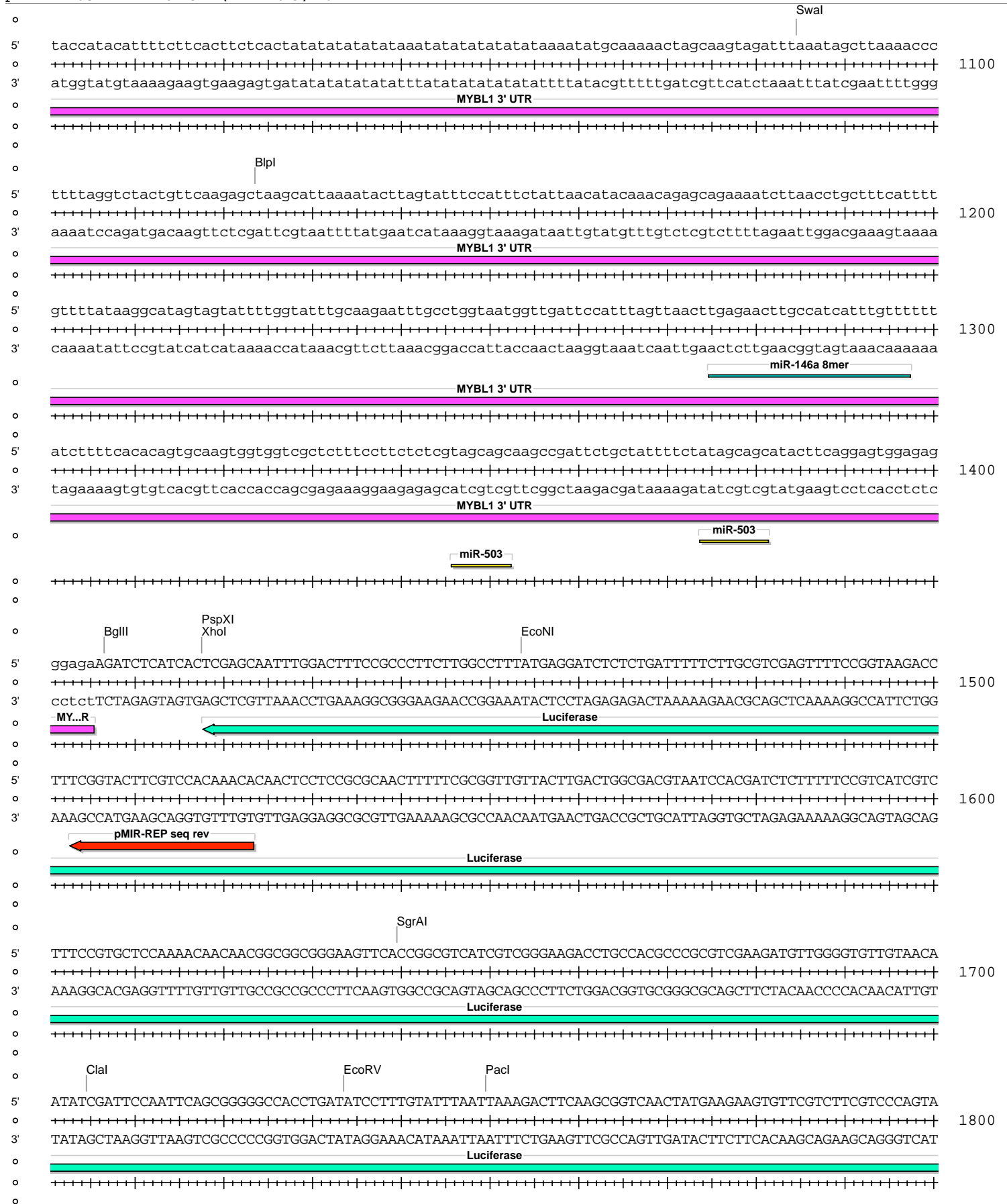


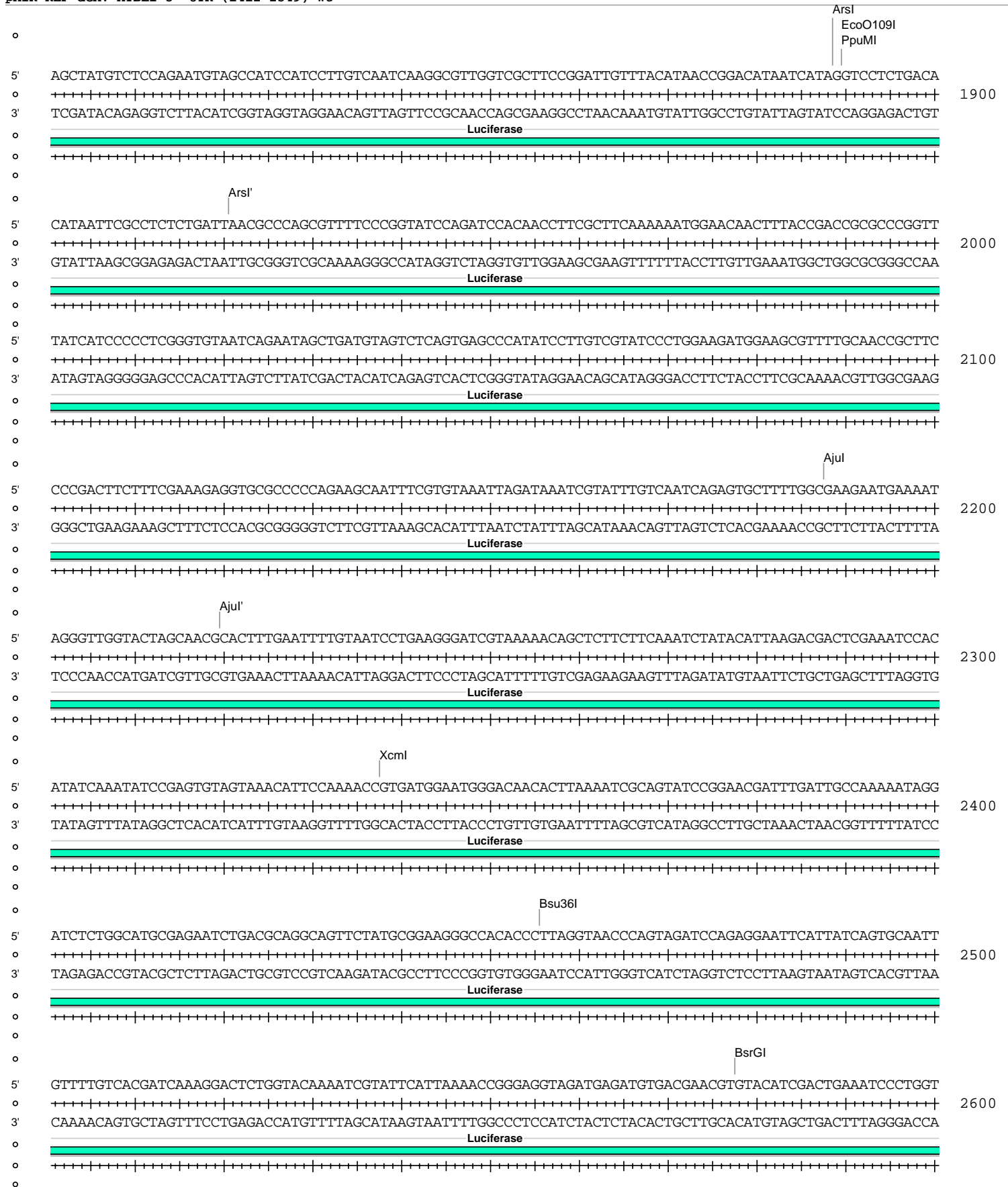
Absent Sites	0	Aarl,AbsI,Afel,AleI,Apal,Ascl,AsiSI,Bael,Bael',Barl,Barl',BbvCI,BclI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,EcoICRI,Fall,Fall',FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,Nrul,PasI,PfIMI,PmeI,PmII,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI
Acc65I	1	3342
AflII	1	557
AgeI	1	6645
AhdI	1	4699
AjuI	1	2188
AjuI'	1	2220
Alol	1	3101
Alol'	1	3069
AlwNI	1	4222
ArsI	1	1889
ArsI'	1	1921
AvrII	1	6696
BamHI	1	3077
BglII	1	1407
BlpI	1	1124
BsaBI	1	5861
BsmI	1	5774
BsrGI	1	2578
BssHII	1	6129
Bsu36I	1	2456
BtgZI	1	3327
Clal	1	1705
CspCI	1	3291
CspCI'	1	3256
EcoNI	1	1454
EcoO109I	1	1890
EcoRV	1	1734
HindIII	1	463
KpnI	1	3346
MscI	1	6213
NdeI	1	185
NotI	1	407
PacI	1	1750
PpuMI	1	1890
PspXI	1	1418
PsrI	1	2939
PsrI'	1	2907
PstI	1	6668
RsrII	1	6469
SacII	1	6376
Sall	1	6476
SbfI	1	6668
Scal	1	5179
SfiI	1	6750
SgrAI	1	1640
SnaBI	1	3325
SspI	1	5503
Swal	1	1085
Tth111I	1	6545
XcmI	1	2338
XhoI	1	1418
XmnI	1	5298



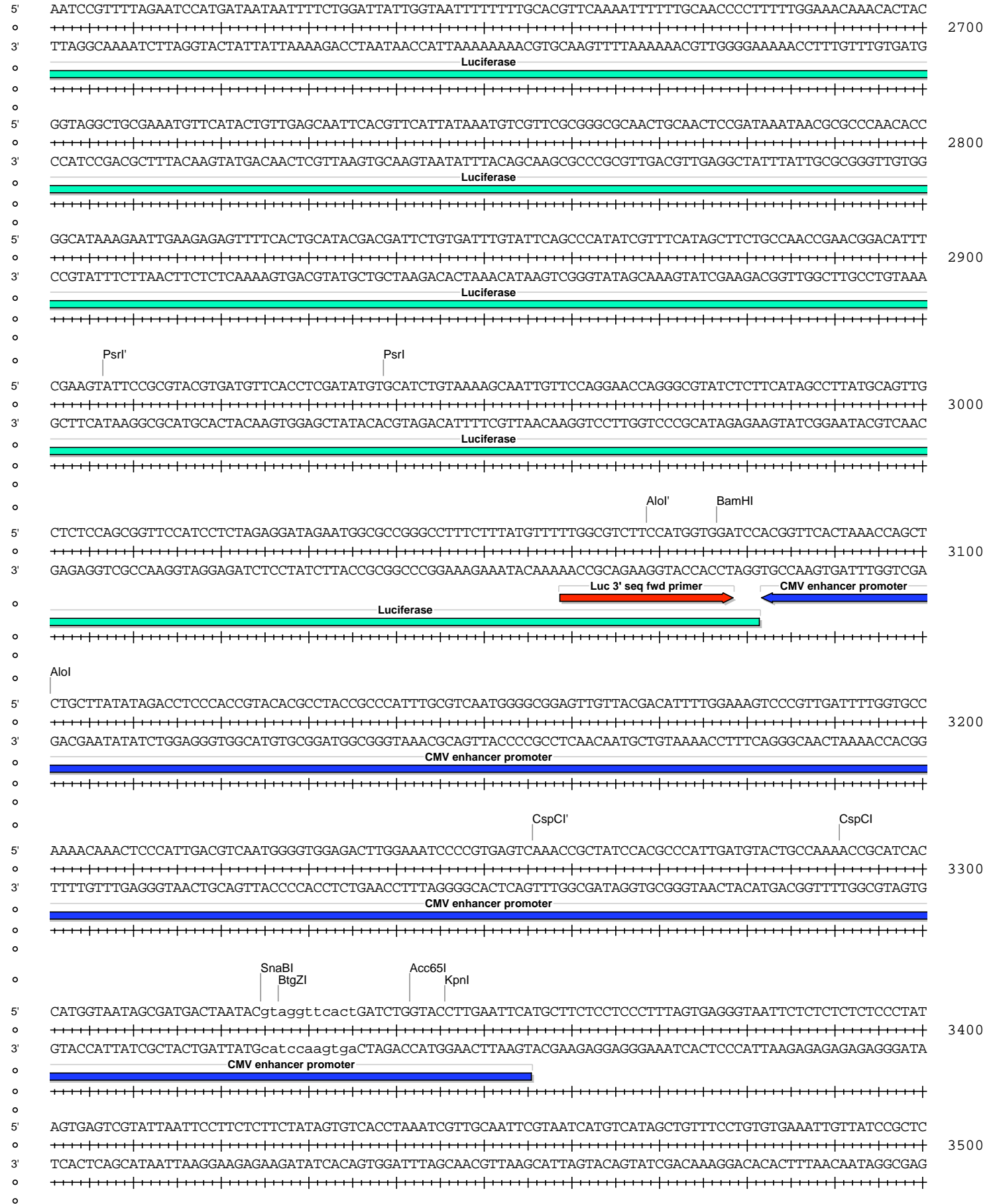
pMIR-REP-dCMV-MYBL1 3' UTR (1412-2349) wt







pMIR-REP-dCMV-MYBL1 3' UTR (1412-2349) wt



pMIR-REP-dCMV-MYBL1 3' UTR (1412-2349) wt

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5' ACAATTCACACAACATACGAGCCGGAAGCATAAAGTGTAAAGCCTGGGGTGCCCTAATGAGTGAGCTAACTCACATTAATGCGTGTGCGCTCACTGCCCCG
o ++++++
3' TGTTAAGGTGTGTTGTATGCTCGGCCTTCGTATTTACATTTCCGACCCACGGATTACTACTCGATTGAGTGTAAATTAACGCAACGCGAGTGACGGGC
o ++++++
o
5' CTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTTCGTATTGGGCGCTCTTCCGCTTCCTCGCT
o ++++++
3' GAAAGGTCAGCCCTTTGGACAGCACGGTCGACGTAATTACTTAGCCGGTTGCGCGCCCTCTCCGCCAACGCATAACCCGCGAGAAGGCGAAGGAGCGGA
o ++++++
o
5' CACTGACTCGCTGCGCTCGGTTCGGCTGCGGCGAGCGGTATCAGCTCAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGA
o ++++++
3' GTGACTGAGCGACGCGAGCCAGCAAGCCGACGCGCTCGCCATAGTCGAGTGAGTTTCCGCCATTATGCCAATAGGTGTCTTAGTCCCCTATTGCGTCCT
o ++++++
o
5' AAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCTTGTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACA
o ++++++
3' TTCTGTACTACTCGTTTTCCGGTCGTTTTCCGGTCCTTGGCATTTTTCCGGCGCAACGACCCGAAAAAGGTATCCGAGGCGGGGGACTGCTCGTAGTGT
o ++++++
o
5' AAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGTCCCCTCGTGCGCTCTCCTGTTCCGAC
o ++++++
3' TTTTAGCTGCGAGTTCAGTCTCCACCGCTTGGGCTGTCTGATATTTCTATGGTCCGCAAAGGGGACCTTCGAGGGAGCACGCGAGAGGACAAGGCTG
o ++++++
o
5' CCTGCCGCTTACCGGATACCTGTCCGCTTTCTCCCTTCGGGAAGCGTGGCGCTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTGCTT
o ++++++
3' GGACGGCGAATGGCCTATGGACAGGCGGAAAGAGGGAAGCCCTTCGCACCAGGAAAGAGTATCGAGTGCACATCCATAGAGTCAAGCCACATCCAGCAA
o ++++++
o
5' CGCTCCAAGCTGGGCTGTGTGCACGAACCCCGTTCAGCCCGACCGCTGCGCCTTATCCGTAACATCGTCTTGAGTCCAACCCGGTAAGACACGACT
o ++++++
3' GCGAGGTTGACCCGACACACGTGCTTGGGGGCAAGTCGGGCTGGCGACGCGGAATAGGCCATTGATAGCAGAACTCAGGTTGGGCCATTCTGTGCTGA
o ++++++
o
5' TATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACAC
o ++++++
3' ATAGCGGTGACCGTCGTCGGTGACCAATTGTCCATAATCGTCTCGCTCCATACATCCGCCACGATGTCTCAAGAACTTCACCACCGGATTGATGCCGATGTG
o ++++++
o
5' TAGAAGAACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAAAACCACCGCTGGTAGC
o ++++++
3' ATCTTCTTGTATAAACCATAGACGCGAGACGACTTCGGTCAATGGAAGCCTTTTCTCAACCATCGAGAACTAGGCCGTTTTTTTGGTGGCGACCATCG
o ++++++
o
5' GGTGGTTTTTTTGGTTTGAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACG
o ++++++
3' CCACCAAAAAAACAACGTTTCGTCGTCTAATGCGCGTCTTTTTTCTAGAGTTCTCTAGGAAACTAGAAAAGATGCCCCAGACTGCGAGTCACCTTGC
o ++++++
o

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ColE1 origin

ColE1 origin

ColE1 origin

ColE1 origin

ColE1 origin

ColE1 origin

AlwNI

ColE1 origin

ColE1 origin

ColE1 origin



