

Absent Sites	0	AarI,AbstI,AjuI,AjuI',AlfI,AlfI',AscI,AsiSI,AvrII,BaeI,BaeI',BamHI,BarI,BarI',BmgBI,BsaBI,BsiWI,BstBI,BstZ17I,FspAI,HpaI,MauBI,MreI,PmlI,PshAI,PsiI,Psrl,Psrl',RsrII,SbfI,SexAI,SfiI,SgrAI,SrfI,Swal,Tth111I
AfeI	1	3195
AgeI	1	3199
AhdI	1	9054
Alol	1	5454
Alol'	1	5422
BbvCI	1	1767
BclI	1	4207
BplI	1	4276
BmtI	1	3194
BsaXI	1	2191
BsaXI'	1	2161
BssHII	1	1054
BstEII	1	4601
DrdI	1	8269
EcoNI	1	1513
EcoRI	1	5549
FseI	1	1491
FspI	1	9276
NheI	1	3190
NotI	1	3932
NsiI	1	2598
PacI	1	6765
PspXI	1	4387
SacII	1	7366
SapI	1	1443
SgrDI	1	2
SmaI	1	4028
SpeI	1	253
SphI	1	4374
StuI	1	4902
TstI	1	5103
TstI'	1	5135
XbaI	1	2576
XcmI	1	5422
XhoI	1	4387
XmaI	1	4026

p201 (pPRIME-CMV-GFP-FF3)

SgrDI

5' gtcgacggatcgggagatctcccgatcccctatggtgcactctcagtacaatctgctctgatgccgcatagttaagccagtatctgctccctgcttgtgt
 100
 3' cagctgcctagccctctagagggctaggggataccacgtgagagtcaggttagacgagactacggcgtatcaattcgggtcatagacgagggacgaacaca
 +

5' gttggaggtcgctgagtagtgcgcgagcaaaatttaagctacaacaaggcaaggcttgaccgacaattgcatgaagaatctgcttaggggttaggcgtttt
 200
 3' caacctccagcgactcatcacgcgctcgttttaattcgatggtgttccgttccgaactggctgtaacgtacttcttagacgaatccaatccgcaaaa
 +

Spel

5' gcgctgcttcgogatgtacgggccagatatacgcgcttgacattgattattgactagttattaatagtaatacaattacgggggtcattagttcatagcccat
 300
 3' cgcgacgaagcgctacatgcccggctctatatgcgcaactgtaactaataactgatcaataattatcattagttaatgcccagtaatacaagatcgggta
 +

5' atatggagttccgcttacataaacttacggtaaatggcccgcctggctgaccgcccaacgacccccgccattgacgtcaataatgacgtatgttcccat
 400
 3' tatacctcaaggcgcaatgtattgaatgccatttacggggcggaccgactggcgggttgctggggcgggtaactgcagttattactgcatacaagggt
 +

5' agtaacgccaatagggactttccattgacgtcaatgggtggagtatttacggtaaacgccacttggcagtacatcaagtgtatcatatgccaaagtacg
 500
 3' tcatgcggttatccctgaaaggtaactgcagttaccacctcataaatgccattgacgggtgaaccgtcatgtagttcacatagtatacggttcatgc
 +

5' cccctattgacgtcaatgacggtaaatggcccgcctggcattatgccagtacatgacctatgggactttcctacttggcagtacatctacgtattag
 600
 3' gggggataactgcagttactgccatttacggggcggaccgtaatacgggtcatgtactggaataccctgaaaggatgaaccgtcatgtagatgcataatc
 +

5' tcatcgctattaccatgggtgatgcggttttggcagtacatcaatggcggtggatagcgggttgactcacggggatttccaagtctccacccattgacgt
 700
 3' agtagcgataatggtaccactacgcaaaaaccgtcatgtagttaccgcacctatcgccaaactgagtgcccctaaagggttcagaggtgggtaactgca
 +

5' caatgggagtttgtttggcaccaaaatcaacgggactttccaaaatgtcgtacaactccgccccattgacgcaaatggcggttaggcgtgtacgggtg
 800
 3' gttaccctcaaaaaccgtggttttagttgcctgaaagggttttacagcatggttgaggcgggtaactgcgtttaccggccatccgcacatgccacc
 +

5' gaggtctatagaccagatctgagcctgggagctctctggctaactaggaaccactgcttaagcctcaataaagcttgcttgagtgcttcaagtagtg
 900
 3' ctccagatatctgggtctagactcggaccctcgagagaccgattgatccctgggtgacgaattcggagttatttcgaacggaactcacgaagttcatcac
 +

LTR

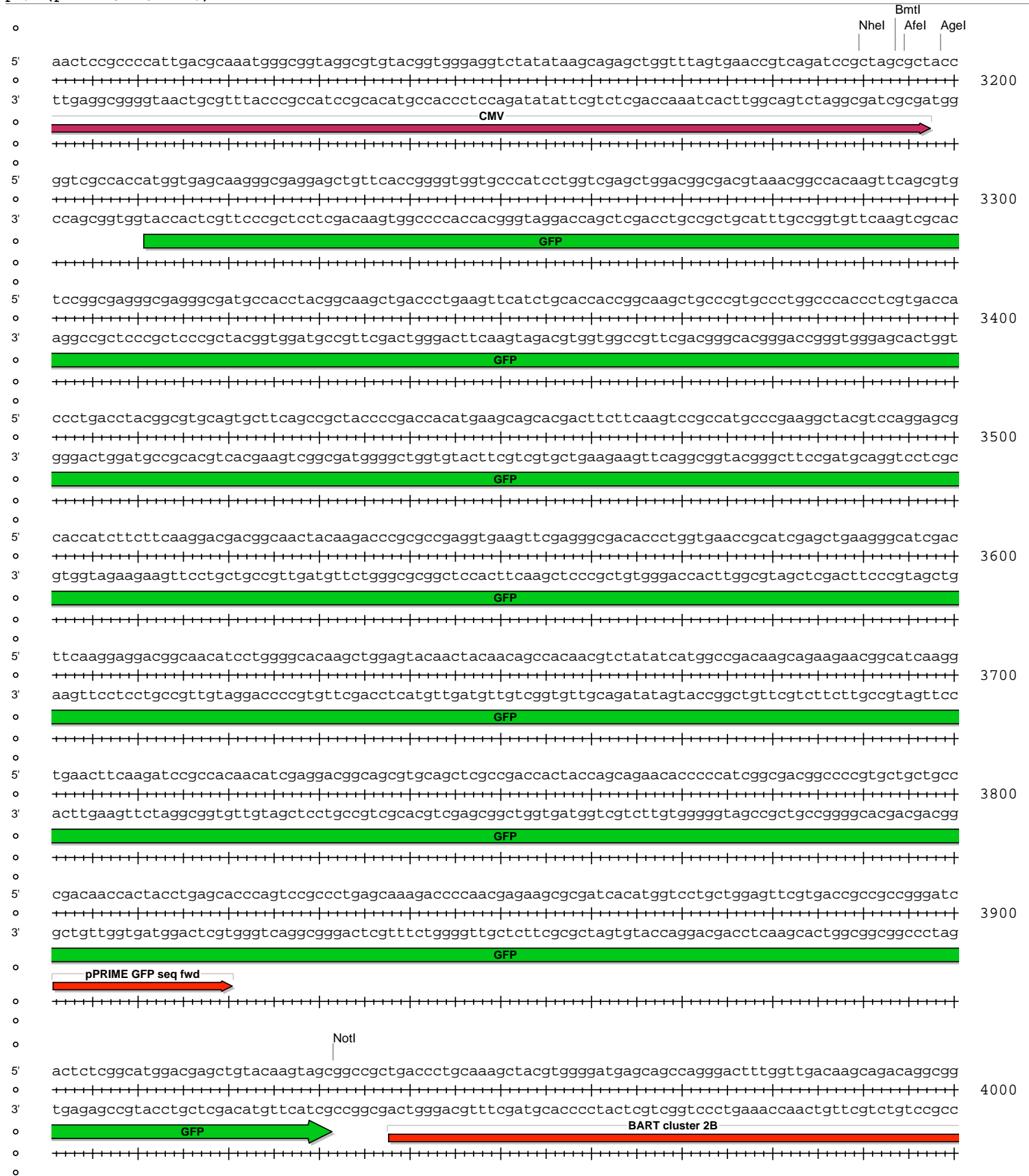
5' tgtgcccgctctgttgtgtgactctggttaactagagatccctcagacccttttagtcagtggtgaaaaatctctagcagtgccgcccgaacagggacttgaa
 1000
 3' acacgggcagacaacacactgagaccattgatctctagggagctctgggaaaatcagtcacaccttttagagatcgtcaccgcgggcttgtccctgaactt
 +

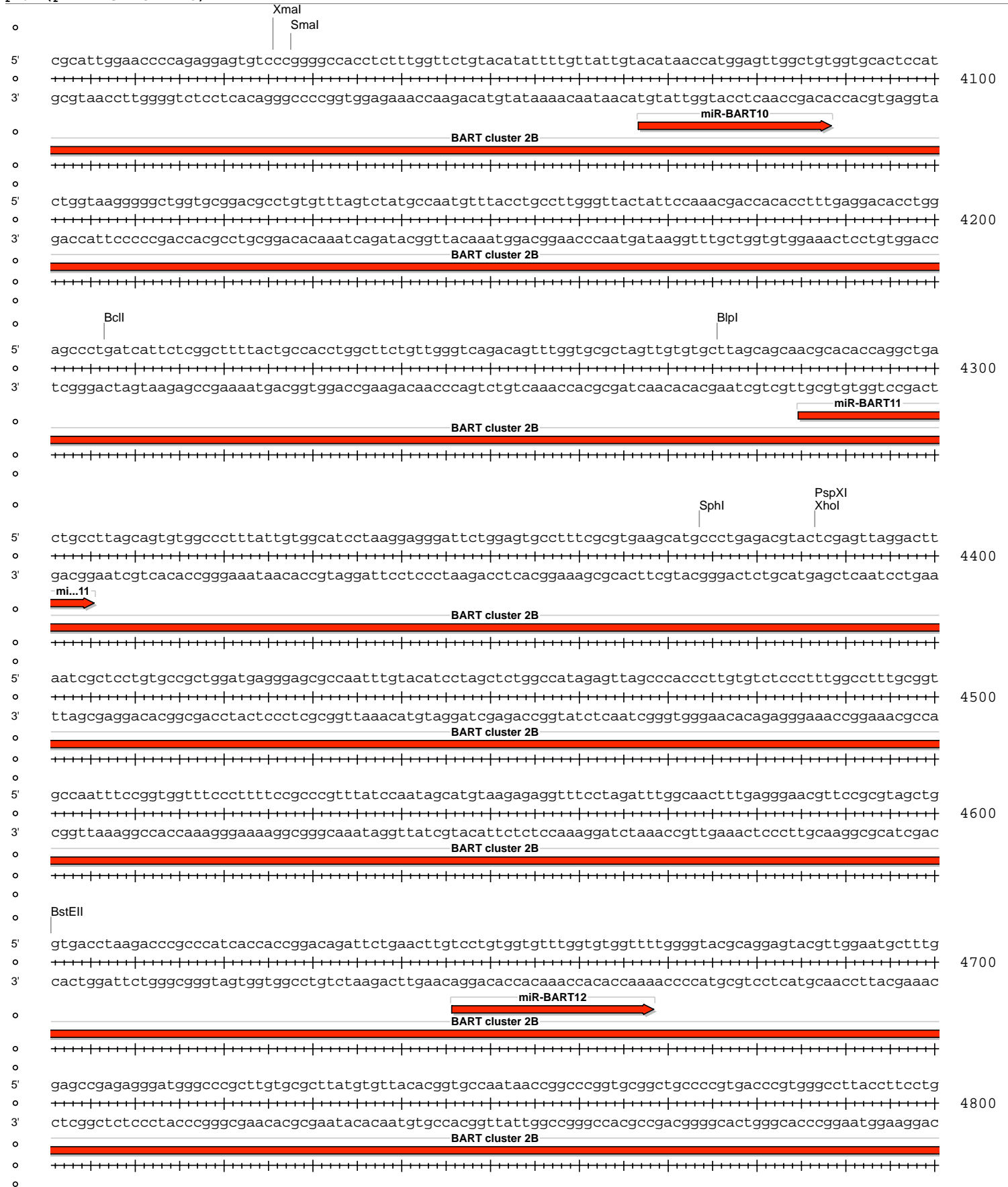
LTR

BssHII

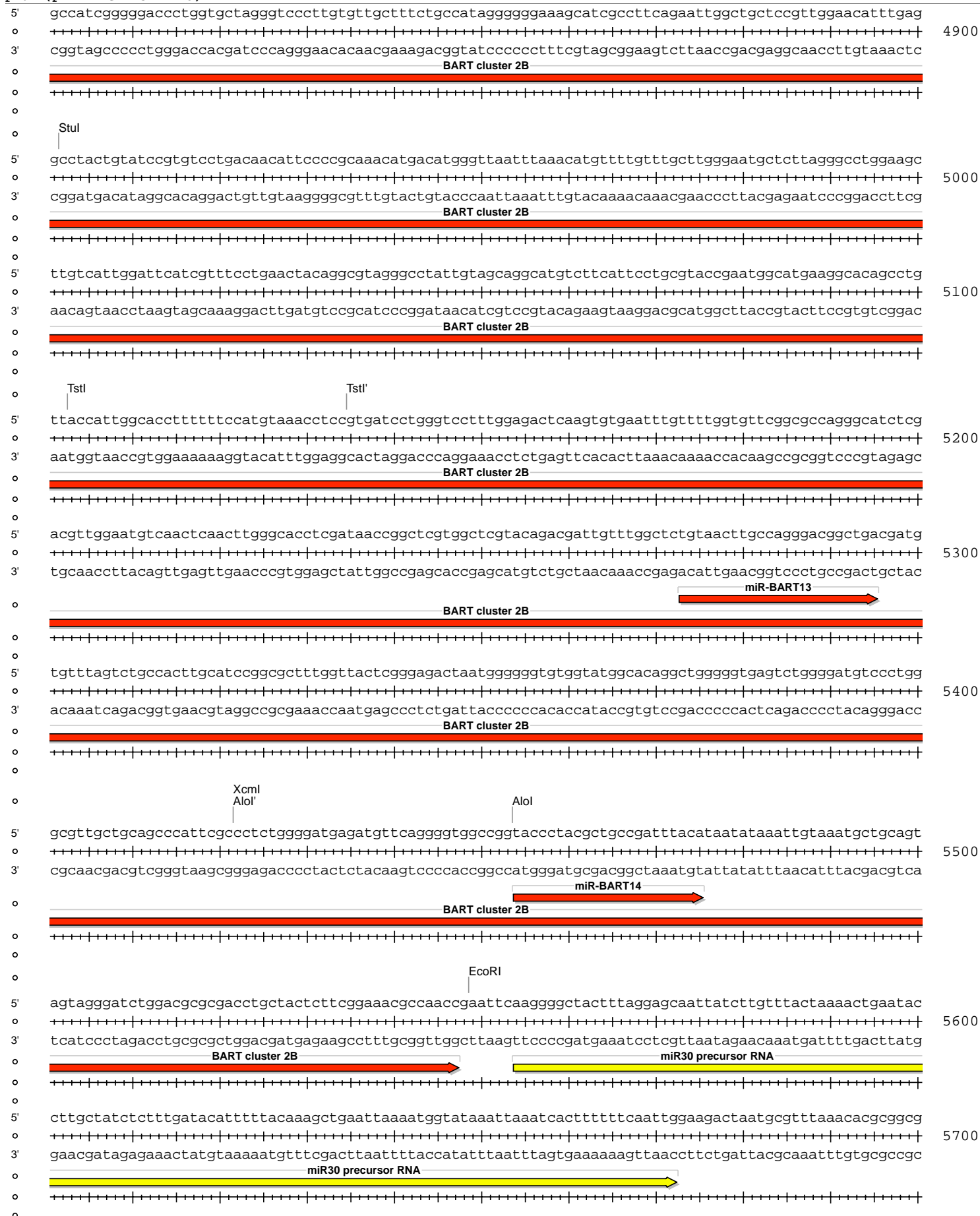
5' agcgaaggaaaccagaggagctctctcgacgcaggactcggcttgctgaagcgcgcacggcaagaggcagggggcggcactggtgagtacgcaaaa
 1100
 3' tcgctttcccttggctcctcagagagagctgcgctcctgagccgaacgacttcgctcgtgcgcttctccgctccccgcgctgaccactcatgcggtttt
 +

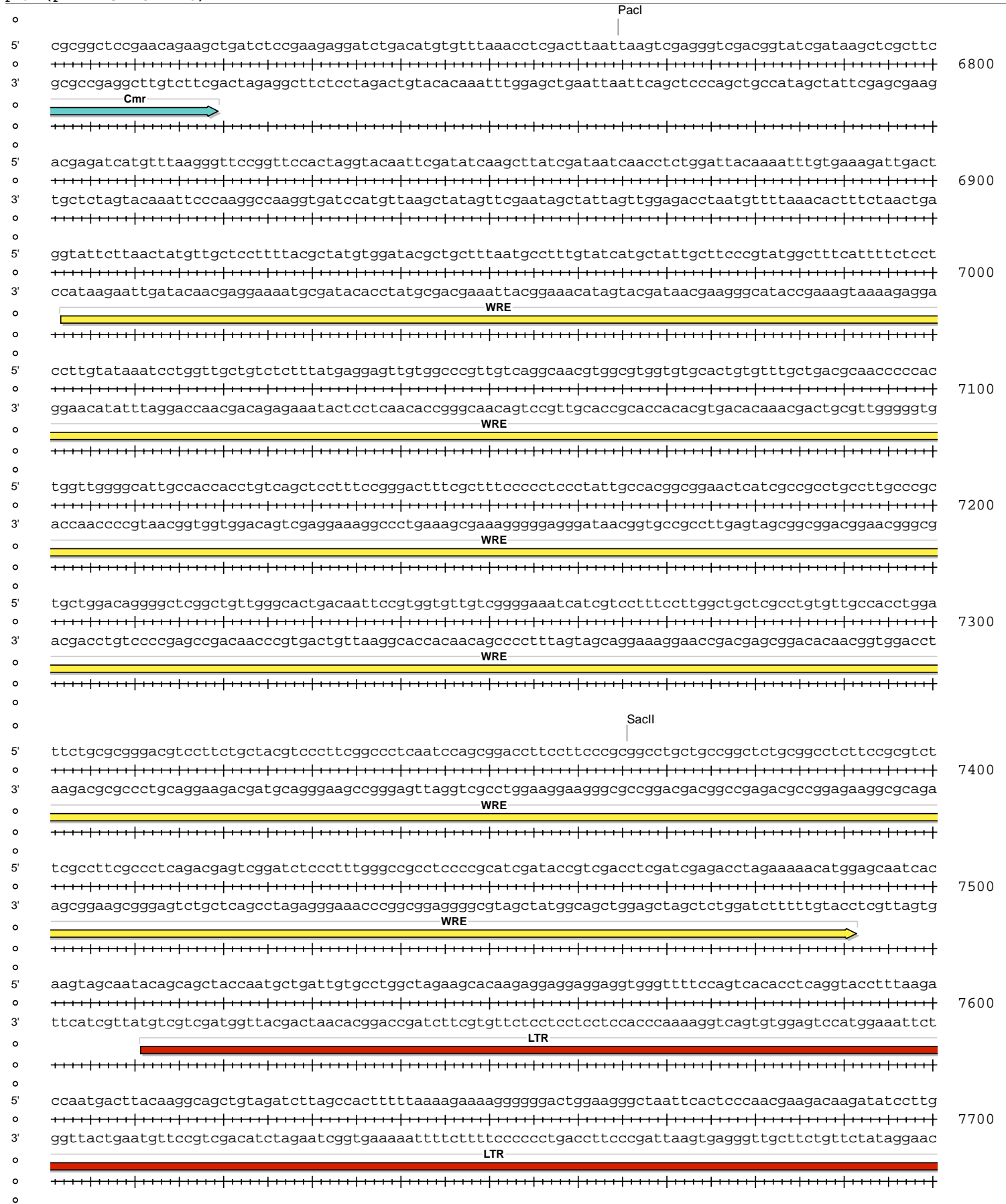
LTR





p201 (pPRIME-CMV-GFP-FF3)





p201 (pPRIME-CMV-GFP-FF3)

5' atctgtggatctaccacacacaaggctacttccctgattggcagaactacacaccagggccagggatcagatatccactgacctttggatggtgctacaa
 o ++++++
 3' tagacacctagatggtgtgtgttccgatgaagggactaaccttcttgatgtgtggtcccgggtccctagctctataggtgactggaacctaccacgatgtt
 o
 o
 o

LTR

7800

5' gctagtaccagttgagcaagagaaggtagaagaagccaatgaaggagagaacaccgccttggttacacctgtgagcctgcatgggatggatgaccggag
 o ++++++
 3' cgatcatggtcaactcgttctcttccatcttcttcgggtacttctctctctgtgggcgaacaatgtgggacactcggacgtaccctacctactgggcctc
 o
 o
 o

LTR

7900

5' agagaagtattagagtggaggttgacagccgcttagcatttcatcacatggcccagagctgcatccggactgtactgggtctctctggttagaccaga
 o ++++++
 3' tctcttcataatctcacctccaaactgtcggcggatcgtaaagtagtaccgggctctcgacgtaggcctgacatgaccagagagaccaatctggtct
 o
 o
 o

LTR

8000

5' tctgagcctgggagctctctggttaactagggaaaccactgcttaagcctcaataaagcttgcccttgagtgctcaagttagtgtgcccctctgttgg
 o ++++++
 3' agactcggaccctcgagagaccgattgatcccttgggtgacgaattcggagtatttcgaacggaactcacgaagtcatcacacagggcagacaacac
 o
 o
 o

LTR

8100

5' tgactctggttaactagagatccctcagacccttttagtcagtggtgaaaatctctagcagcatgtgagcaaaaggccagcaaaaggccaggaaccgtaaa
 o ++++++
 3' actgagaccattgatctctagggagtctgggaaaatcagtcacaccttttagagatcgtcgtacactcgttttcgggtcgttttcgggtccttggcattt
 o
 o
 o

LTR

8200

Drd1

5' aaggccgctgtgctggcgttttccataggctccgccccctgacgagcatcacaaaaatcgacgctcaagtcagaggtggcgaaacccgacaggactat
 o ++++++
 3' tccggcgaacgaccgcaaaaaggatccgagggcgggggactgctcgtagtggttttagctgaggttcagtcctccaccgcttgggctgtcctgata
 o
 o
 o

8300

5' aaagataccaggcgtttcccctggaagctccctcgtgagctctcctggtccgacctgcccgttacccgatacctgtcgcctttctcccttcgggaag
 o ++++++
 3' tttctatggtccgcaaaagggggaccttcgagggagcacgcgagaggacaaggctgggacggcgaatggcctatggacagggcgaagaggggaagcccttc
 o
 o
 o

8400

5' cgtggcgtttctcatagctcacgctgtaggtatctcagttcgggtgtaggtcgttcgctccaagctgggctgtgtgcacgaacccccggtcagcccgac
 o ++++++
 3' gcaccgcaaaagagatcgagtgcgacatccatagagtcgaagccacatccagcaagcaggttcgacccgacacacgctgttggggggcaagtcgggctg
 o
 o
 o

8500

5' cgctgagccttatccgtaactatcgtcttgagtccaaccggtaagacacgacttatcgccactggcagcagccactggttaacaggattagcagagcga
 o ++++++
 3' gcgacgcggaataggccattgatagcagaactcaggttgggcatctctgtgctgaatagcggtgaccgtcgtcgggtgacctatgtcctaactcgtctcgt
 o
 o
 o

8600

5' ggtatgtaggcggtgctacagagtcttgaagtgggtggcctaactacggctacactagaagaacagatatttggtatctgagcctctgctgaagccagttac
 o ++++++
 3' ccatacatccgcccagatgtctcaagaacttaccaccgattgatgccgatgtgatcttctgtcataaacatagacgcgagacgacttcgggtcaatg
 o
 o
 o

8700

5' cttcggaaaaagagttggtagctcttgatccggcaacaacaccgctggtagcgggtgtttttgtttgcaagcagcagattacgcgcagaaaaaaa
 o ++++++
 3' gaagcctttttctcaaccatcgagaactaggcgtttgtttgggtggcgacctcgccacaaaaaaacaaacgcttcgtcgtcctaagtcgctctttttt
 o
 o
 o

8800

5' ggatctcaagaagatcctttgatctttctacggggtctgacgctcagtggaacgaaaactcacgtaagggttttggtcatgagattatcaaaaagga
 o ++++++
 3' cctagagttctctagaaactagaaaagatgccccagactgcgagtcaccttgcttttgagtgcaattccctaaaaccagtaactaatagtttttctc
 o
 o
 o

8900

