

Absent Sites	0	AarI,AbsI,AjuI,AjuI',AlfI,AlfI',Alol,Alol',AscI,AsiSI,AvrII,BaeI,BaeI',BamHI,BarI,BarI',BclI,BlpI,BmgBI,BsaBI,BsiWI,BspMI,BstBI,BstEII,FspAI,HpaI,MauBI,MreI,PmlI,PshAI,Psil,PspXI,Psrl,Psrl',RsrII,SbfI,SexAI,SfiI,SgrAI,SmaI,SphI,SrfI,Swal,TstI,TstI',Tth111I,XcmI,XhoI,XmaI
Acc65I	1	6495
AfeI	1	3195
AgeI	1	3199
AhdI	1	7960
BbeI	1	984
BbvCI	1	1767
BmtI	1	3194
BsaXI	1	2191
BsaXI'	1	2161
BsrGI	1	3921
BssHII	1	1054
BstXI	1	4292
BstZ17I	1	4224
Bsu36I	1	6491
EcoNI	1	1513
EcoRI	1	4455
FseI	1	1491
FspI	1	8182
KasI	1	980
KpnI	1	6499
MscI	1	5306
NarI	1	981
NheI	1	3190
NotI	1	3932
NsiI	1	2598
PacI	1	5671
PciI	1	5647
PpuMI	1	2277
PstI	1	2380
SacII	1	6272
SanDI	1	2277
SfoI	1	982
SgrDI	1	2
SpeI	1	253
StuI	1	4113
XbaI	1	2576

p201 (pPRIME-CMV-GFP-FF3)

SgrDI

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 3' cagctgcctagccctctagagggctaggggataccacgtgagagtcaggttagacgagactacggcgtatcaattcgggtcatagacgagggacgaacaca  
 +

5' gttggaggtcgctgagtagtgcgcgagcaaaathtaagctacaacaaggcaaggcttgaccgacaattgcatgaagaatctgcttaggggttaggcgttt  
 200  
 3' caacctccagcgactcatcacgcgctcgttttaaatcagatggttccgttccgaactggctgtaacgtacttcttagacgaatccaatccgcaaaa  
 +

Spel

5' gcgctgcttcgogatgtacgggcccagatatacgcgcttgacattgattattgactagttattaatagtaatacaattacgggggtcattagttcatagcccat  
 300  
 3' cgcgacgaagcgctacatgcccggctctatatgcgcaactgtaactaataactgatcaataattatcattagttaatgcccagtaatacaagtatcgggta  
 +

5' atatggagttccgcttacataaacttacggtaaatggcccgcctggctgaccgcccacgacccccgccattgacgtcaataatgacgtatgttcccat  
 400  
 3' tatacctcaaggcgcaatgtattgaatgccatttacggggcggaccgactggcgggttgctggggcgggtaactgcagttattactgcatacaagggt  
 +

5' agtaacgccaatagggactttccattgacgtcaatgggtggagatattacggtaaacgcccacttggcagtacatcaagtgtatcatatgccaaagtacg  
 500  
 3' tcatgcggttatccctgaaaggtaactgcagttaccacctcataaatgccattgacgggtgaaccgtcatgtagttcacatagatacggttcatgc  
 +

5' cccctattgacgtcaatgacggtaaatggcccgcctggcattatgccagtacatgacctatgggactttcctacttggcagtacatctacgtattag  
 600  
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 +

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 800  
 3' gttaccctcaaacaaaaccgtggttttagttgcctgaaagggttttacagcatggttgaggcgggtaactgcgtttaccggccatccgcacatgccacc  
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5' gaggtctatagaccagatctgagcctgggagctctctggctaactaggaaccactgcttaagcctcaataaagcttgcttgagtgctcaagtagtg  
 900  
 3' ctccagatatctggctagactcggaccctcgagagaccgattgatccctgggtgacgaattcggagttatttgaacggaactcacgaagttcatcac  
 +

LTR

KasI  
 NarI  
 SfoI  
 BbeI

5' tgtgccgctctgttgtgtgactctggtaaactagagatccctcagacccttttagtcagtggtgaaaaatctctagcagtgggcggccgaacagggacttgaa  
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 +

LTR

BssHII

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 1100  
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 +

LTR

p201 (pPRIME-CMV-GFP-FF3)

5' attttgactagcggaggctagaaggagagagatgggtgcgagagcgtcagtagtaagcgggggagaattagatcgcgatgggaaaaattcgggtaaggc  
 o ++++++  
 3' taaaactgatcgcctccgatcttctctctctaccacgctctcgcagtcataattcgccccctctaatctagcgtacccttttttaagccaattccg  
 o  
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LTR

1200

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 o ++++++  
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LTR

1300

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LTR

1400

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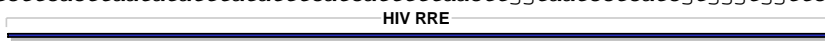
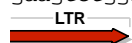
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FseI

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EcoNI



LTR

HIV RRE

1600

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HIV RRE

1700

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HIV RRE

BbvCI

1800

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HIV RRE

1900

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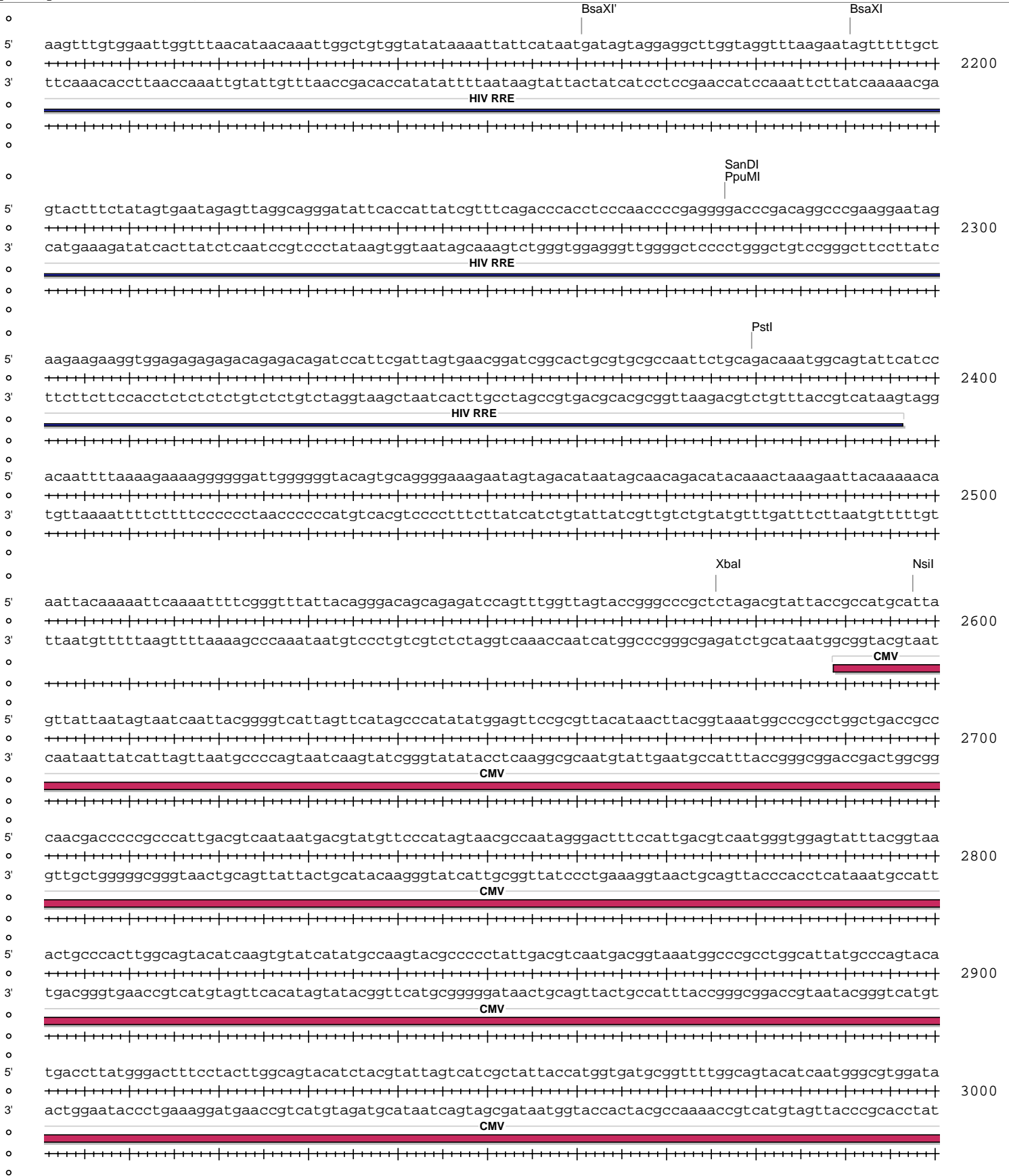
HIV RRE

2000

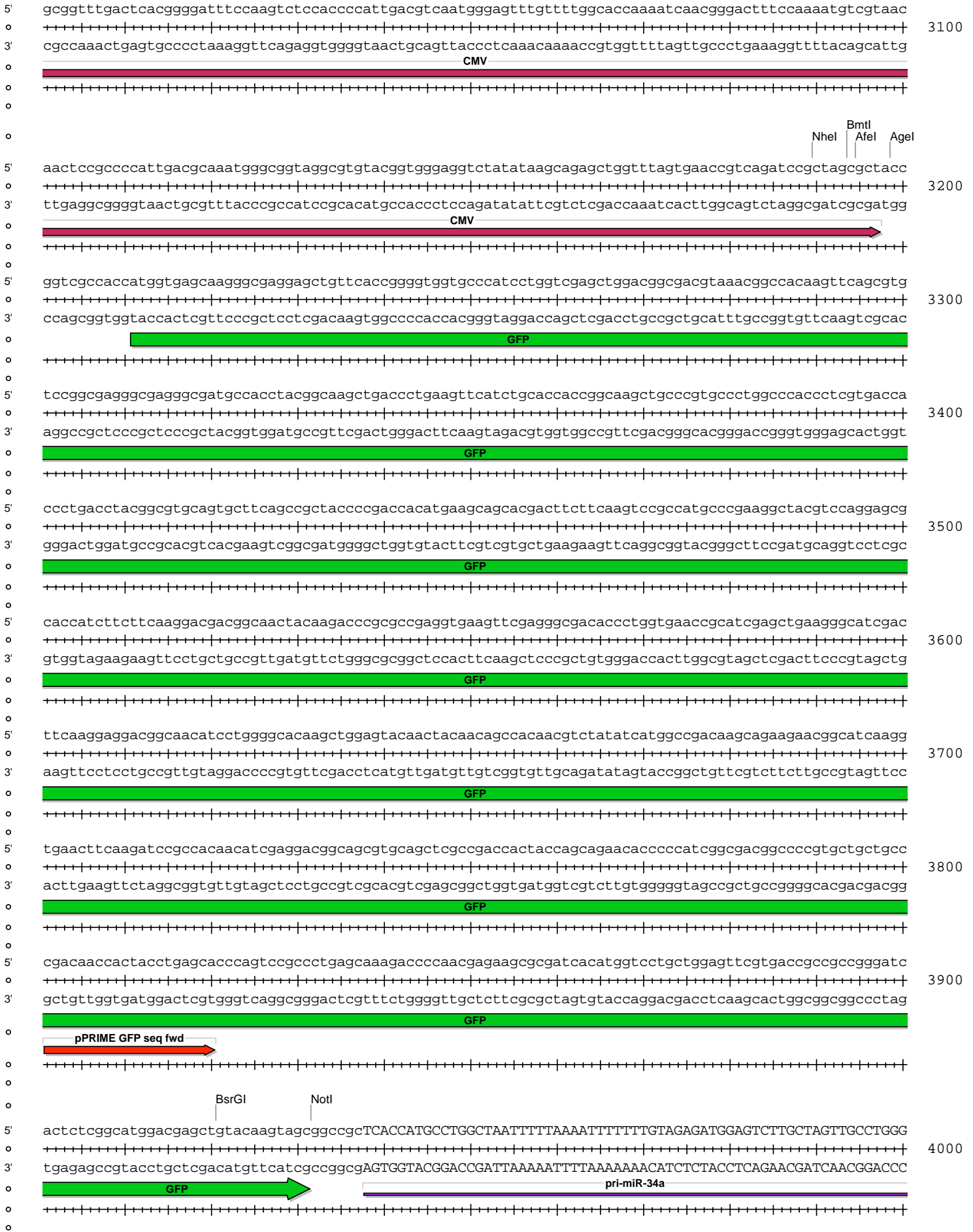
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HIV RRE

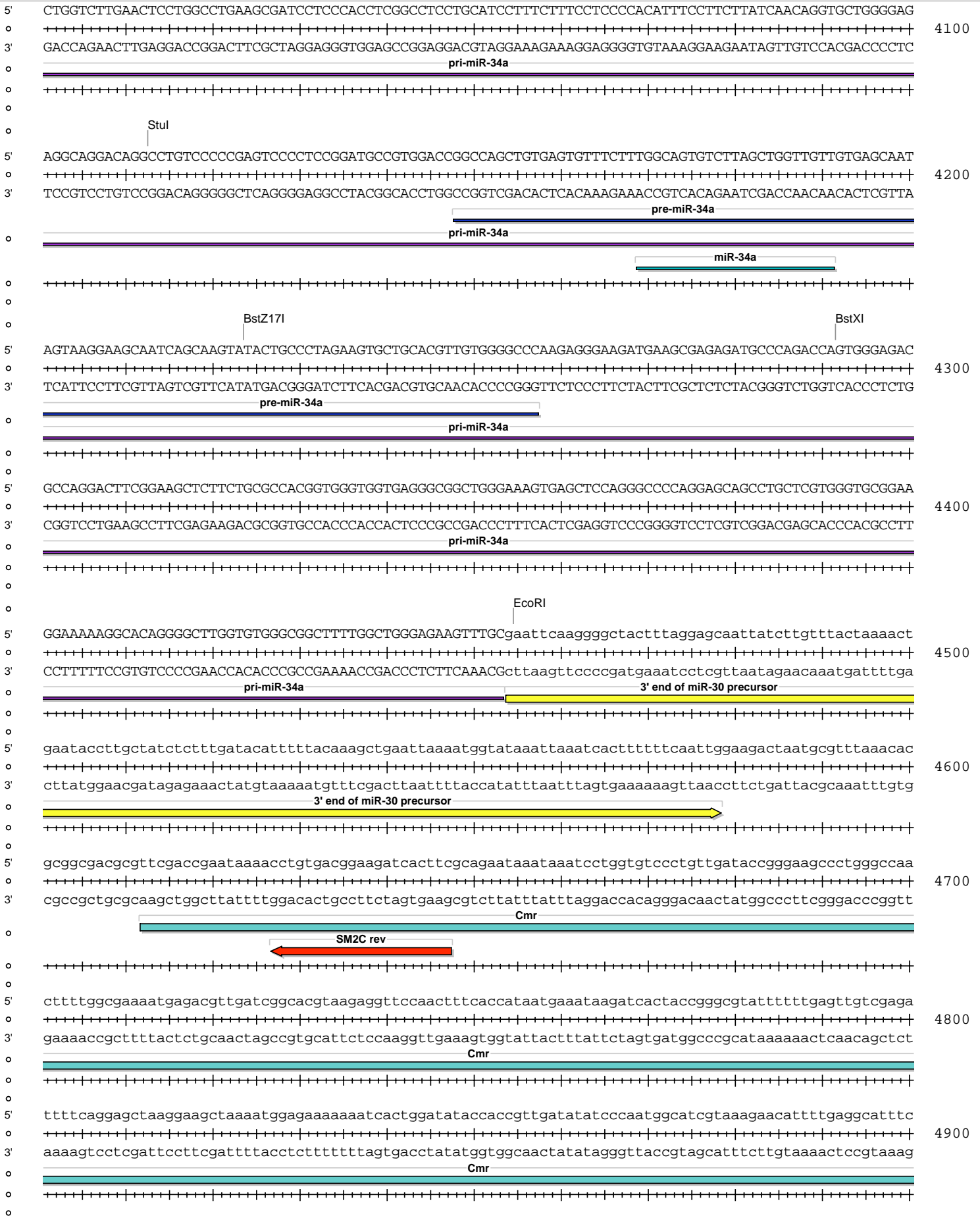
2100



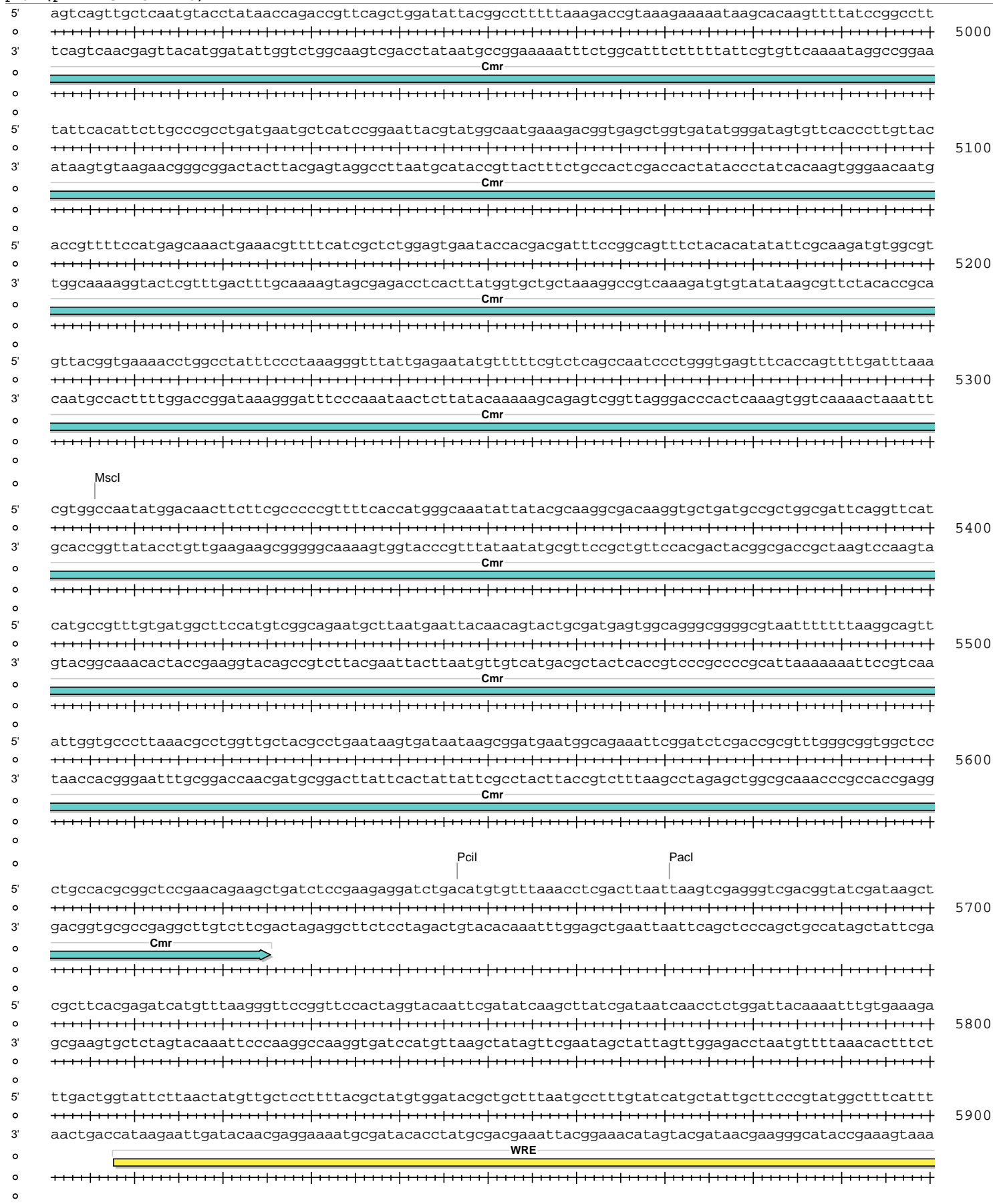
p201 (pPRIME-CMV-GFP-FF3)



p201 (pPRIME-CMV-GFP-FF3)

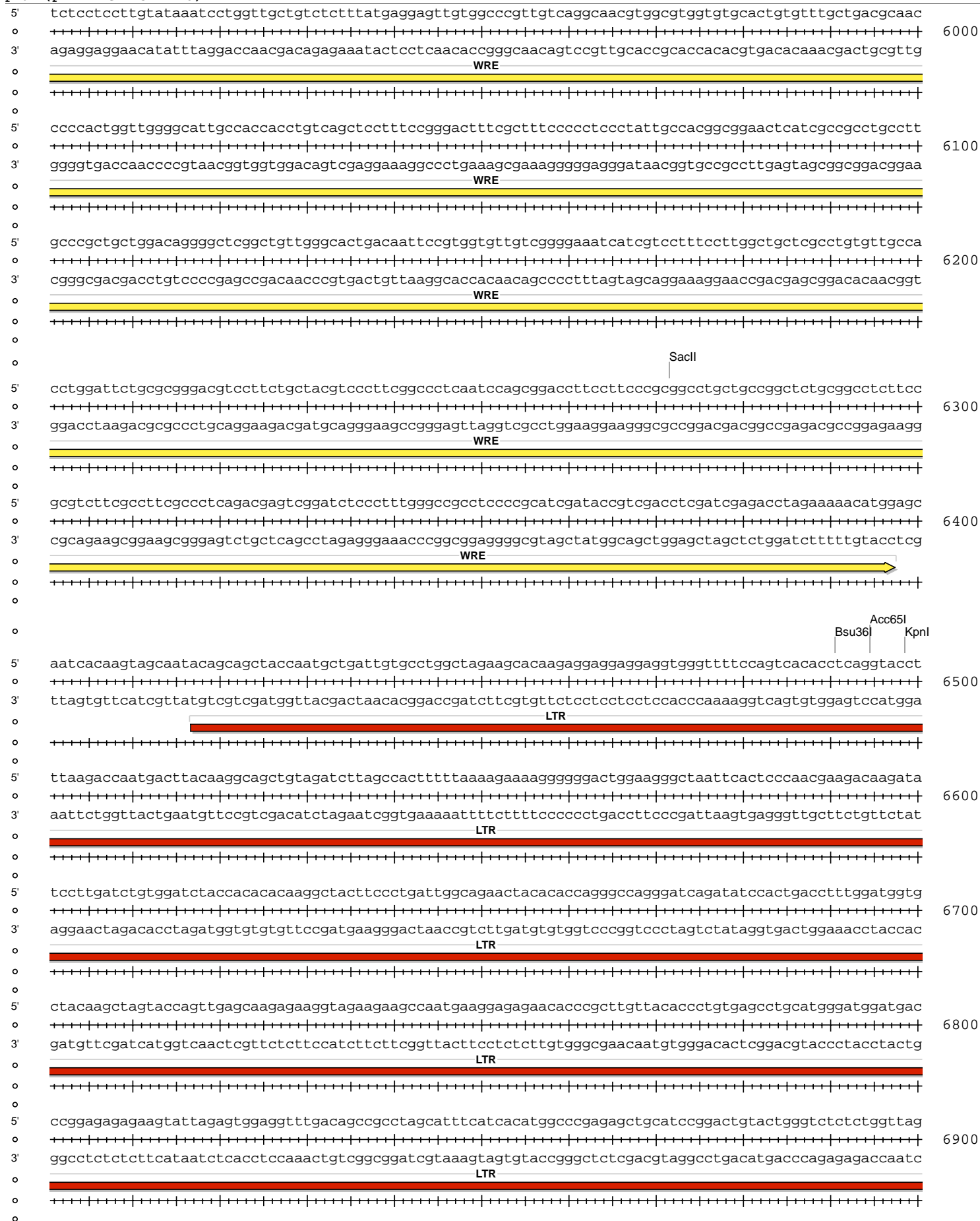


p201 (pPRIME-CMV-GFP-FF3)





p201 (pPRIME-CMV-GFP-FF3)



p201 (pPRIME-CMV-GFP-FF3)

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LTR

LTR

LTR

AhdI

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o