

Absent Sites	0	AarI,AbsI,AjuI,AjuI',AlfI,AlfI',Alol,Alol',AscI,AsiSI,AvrII,BaeI,BaeI',BamHI,BarI,BarI',BclI,BlpI,BsiWI,BspMI,BstBI,BstZ17I,FspAI,HpaI,MauBI,MreI,PmlI,PshAI,PspXI,PsrI,PsrI',RsrII,SbfI,SexAI,SfiI,SgrAI,Smal,SphI,SrfI,StuI,Swal,TstI,TstI',Tth111I,XhoI,XmaI
Acc65I	1	6738
AfeI	1	3195
AgeI	1	3199
AhdI	1	8203
ApaI	1	2572
BbeI	1	984
BbvCI	1	1767
BmgBI	1	4142
BmtI	1	3194
BsaBI	1	4325
BsaXI	1	2191
BsaXI'	1	2161
BsrGI	1	3921
BssHII	1	1054
BstEII	1	4491
Bsu36I	1	6734
DrdI	1	7418
EcoNI	1	1513
EcoO109I	1	2277
EcoRI	1	4693
FseI	1	1491
FspI	1	8425
KasI	1	980
KpnI	1	6742
MscI	1	5549
NarI	1	981
NheI	1	3190
NotI	1	3934
NsiI	1	2598
PacI	1	5914
PciI	1	5890
PpuMI	1	2277
PsiI	1	4203
PspOMI	1	2568
PstI	1	2380
SanDI	1	2277
SapI	1	1443
SfoI	1	982
SgrDI	1	2
SpeI	1	253
XbaI	1	2576
XcmI	1	4354

SgrDI

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+ 100
3' cagctgcctagccctctagagggctaggggataccacgtgagagtcatgttagacgagactacggcgatcaattcgggcatagacgagggacgaacaca
+ 100
o

5' gttggaggtcgctgagtagtgcgcgagcaaaatttaagctacaacaaggcaaggcttgaccgacaattgcatgaagaatctgcttagggtagggcttt
+ 200
3' caacctccagcgactcatcacgctcgTTTTAAATTCGATGTTGTTCCGTTCCGAACTGGCTGTTAACGTACTTCTTAGACGAATCCAATCCGCAAAA
+ 200
o

Spel

5' gCGctgcttcgogatgtacgggCCAGatatacgCGTtgacattgattattgactagttatTAATAGTAATCAATACGGGGTcattagttCATAGCCCAT
+ 300
3' CGCGACGAAGCGCTACATGCCCgGtctatatgCGCAactGtaactAATAactgatcaataattatcattagTTAATGCCCCAGTAATCAAGTATCGGGTA
+ 300
o

5' ATATggagttccgCGttacataaCTTACGGTAAATGGCCCGCCTGGCTGACCgCCCAACGACCCCGCCCATTGACGTCAATAATGACGTATGTTCCCAT
+ 400
3' TATACCTCAAGGCgaatgtattGAATGCCATTACCGGGCGGACCgACTGGCGGGTgctggggCGGTAactGCAGTtattactGCATAcaagggTA
+ 400
o

5' AGTAAGCCCAATAGGGactTTCCATTgACGTcaatgggTGGagTattTACGGTAAactGCCCACTTGGCAGTAcATCAAGTgATCATATGCCAAGTACg
+ 500
3' TCATgCGgttatCCCTgAAAGgTAactGCAGTtaccCACTcATAaATGCCATTgACGGTgAACCGTCATGtagttCACATAGTATACGGTTCATgc
+ 500
o

5' CCCCtattgacGTcaatgacGGTAAATGGCCCGCCTGGcattatGCCAGTAcATgacctTATGGGactTTCCtactTGGCAGTAcATCTACgTATTAg
+ 600
3' GGGGGATAactGCAGTtactGCCATTACCGGGCGGACCgTAataCGGGTcATGTactGGAAtaccCTgAAAGgATgAACCGTCATGtagATGCATAATC
+ 600
o

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+ 700
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+ 700
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+ 800
3' GTTaccCTCAaACAAaacCGTggtTTtagTgCCcTGAaAGgTTTACagCATgTtGagGCGGGTAACTGcgtTTacCCGCcATCCGCATGCCACC
+ 800
o

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+ 900
3' CTCCAGAtATctGGtCTAgactCGGaccCTCGAGAGaccGATTgATccCTGGGTgACgAAttcGGagTtATtCGAACGGAactCACGAAGTTCATCAC
+ 900
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LTR

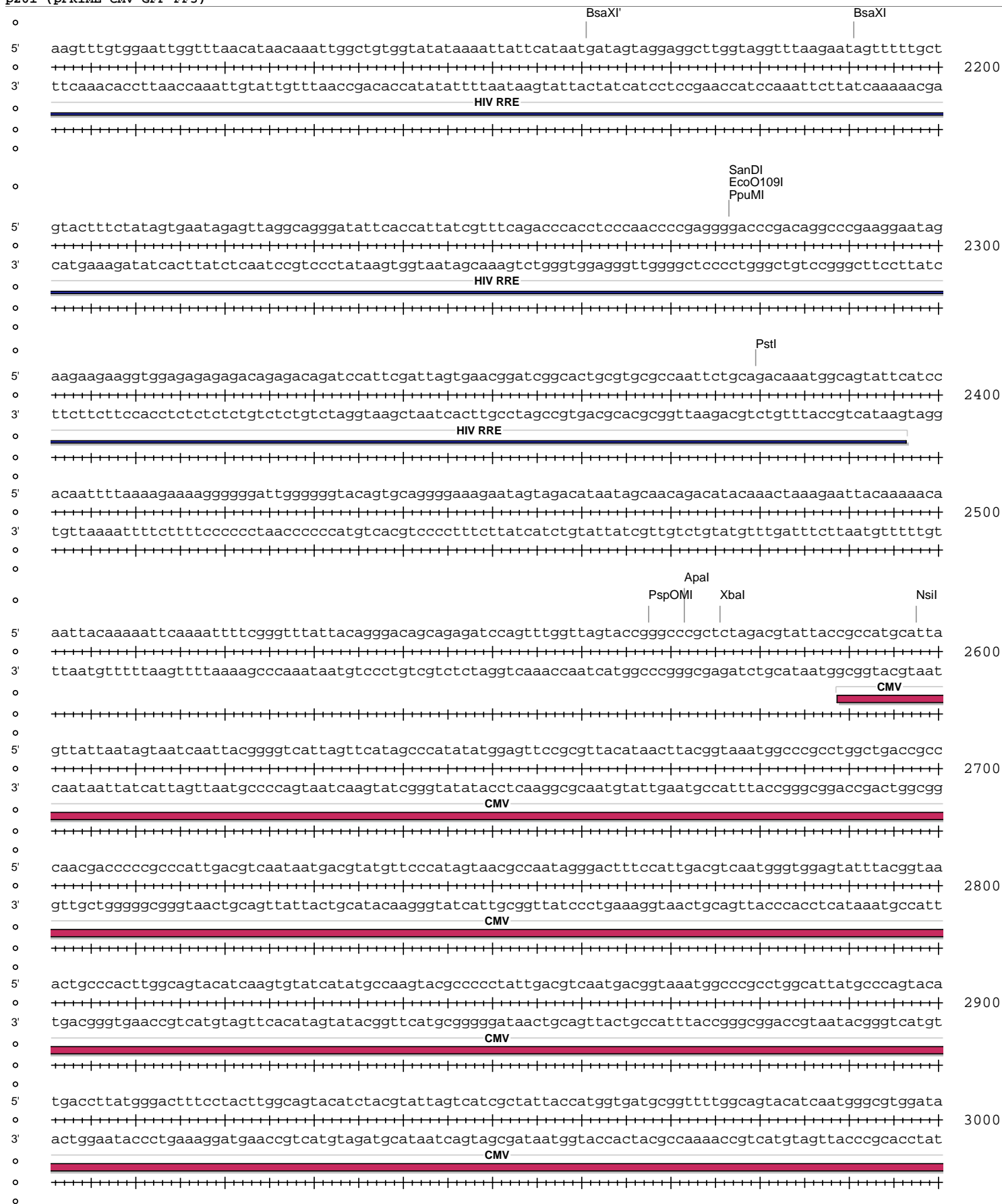
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+ 1000
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+ 1000
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LTR

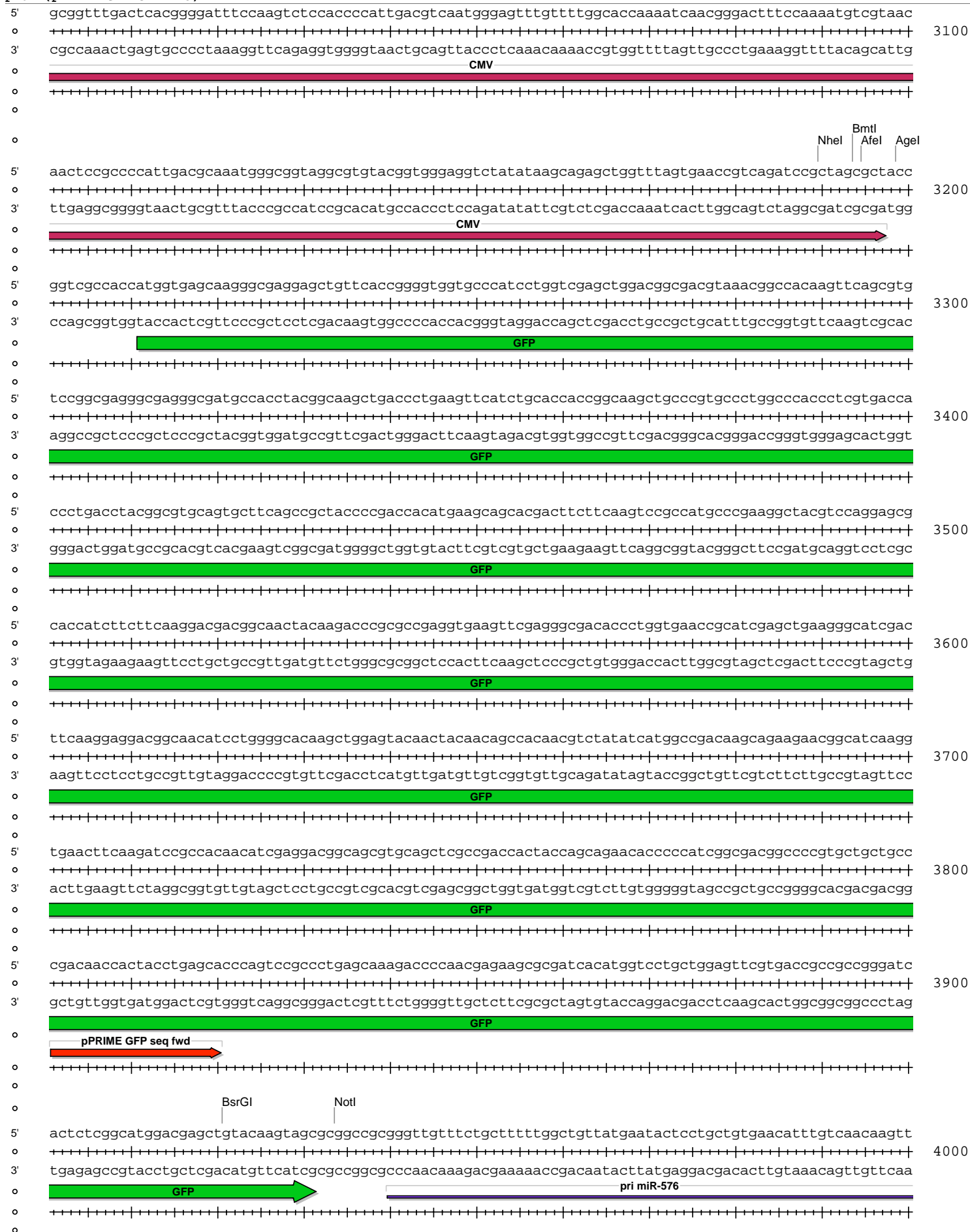
BssHII

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+ 1100
3' TCGTtTCCcTTGgTctCCTCGAGAGagTgCGtCctGAGCCgAAcGactTcGcGcGTgCCgTtctCCGctCCCgCCgctGACCactcATgCGgTttt
+ 1100
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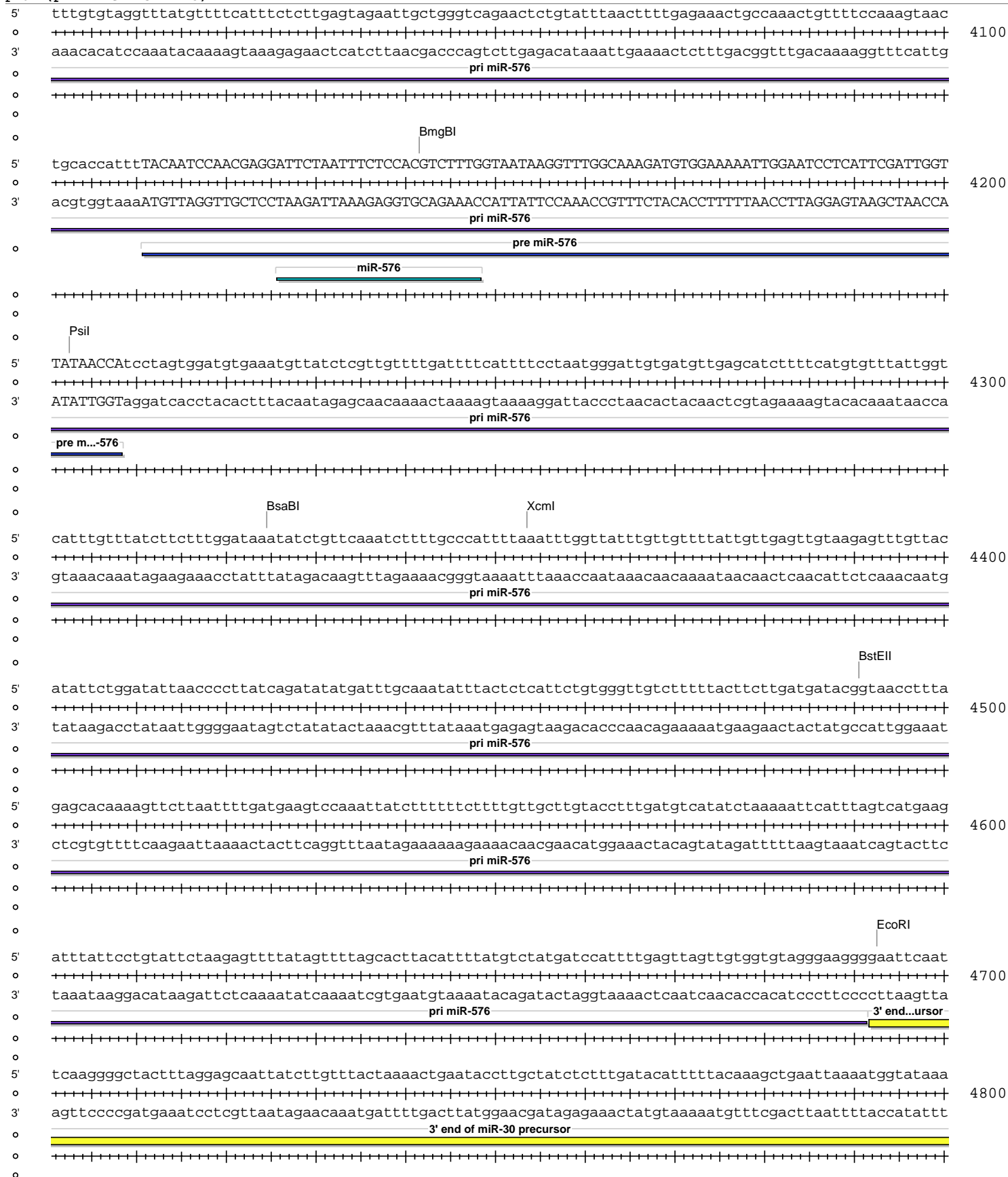
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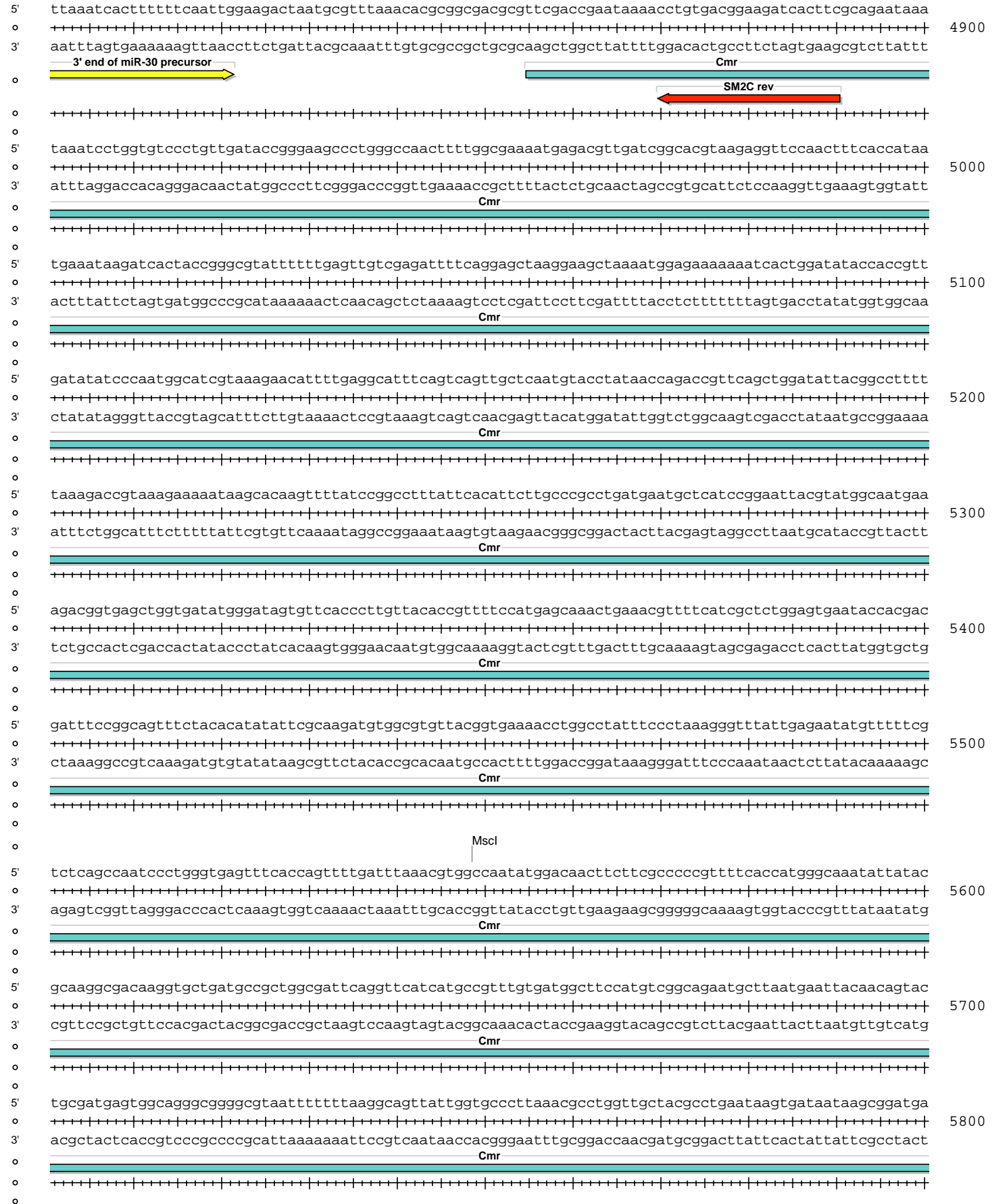
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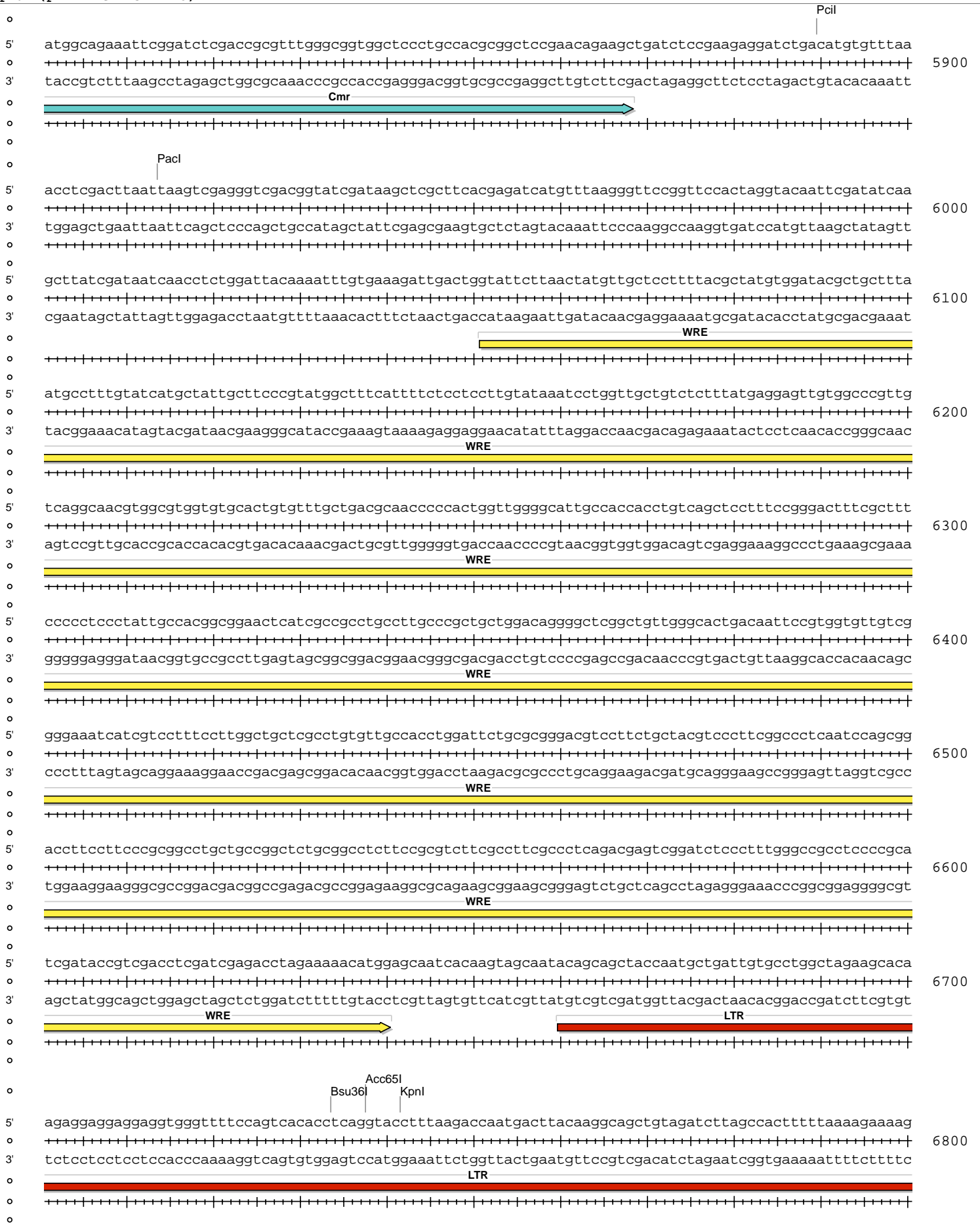


p201 (pPRIME-CMV-GFP-FF3)



p201 (pPRIME-CMV-GFP-FF3)





p201 (pPRIME-CMV-GFP-FF3)

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o ++++++
3' cccctgacctcccgat taagtggaggttgcctctgttctataggaactagacacctagatggtgtgtgtccgatgaagggactaacctcttgatgt
o
o
o
o

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LTR

6900

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o ++++++
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o
o
o

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LTR

7000

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o
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o

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LTR

7100

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LTR

7200

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o

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LTR

7300

```

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o

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LTR

DrdI

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o

```

7500

```

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o ++++++
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o
o
o
o

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7600

```

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o
o
o

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7700

```

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o
o
o
o

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7800

```

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o
o
o

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7900

p201 (pPRIME-CMV-GFP-FF3)

```

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o ++++++
o
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o ++++++
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o |
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o
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o ++++++
3' aggggcttttccaggtggactg
o ++++++

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8000
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8300
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8500
8600
8700
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9122