

Absent Sites	0	AarI, AbsI, AjuI, AjuI', AlfI, AlfI', Alol, Alol', AscI, AsiSI, AvrII, BaeI, BaeI', BamHI, BarI, BarI', BclI, BplI, BmgBI, BsiWI, BspMI, BstBI, BstEII, BstXI, BstZ17I, FspAI, MauBI, MreI, PmlI, PshAI, PstI, PspXI, PstI, PstI', RsrII, SbfI, SexAI, SgrAI, SmaI, SphI, SrfI, StuI, SwaI, TstI, TstI', Tth111I, XcmI, XhoI, XmaI
Acc65I	1	6530
AfeI	1	3195
AgeI	1	3199
AhdI	1	7995
Apal	1	2572
BbeI	1	984
BbvCI	1	1767
BmtI	1	3194
BsaBI	1	4287
BsaXI	1	2191
BsaXI'	1	2161
BseYI	1	7406
BsrGI	1	3921
BssHII	1	1054
Bsu36I	1	6526
DrdI	1	7210
EcoNI	1	1513
EcoRI	1	4490
FseI	1	1491
FspI	1	8217
GsaI	1	7410
HpaI	1	4327
KasI	1	980
KpnI	1	6534
MscI	1	5341
NarI	1	981
NheI	1	3190
NotI	1	3932
NsiI	1	2598
PacI	1	5706
PciI	1	5682
PpuMI	1	2277
PspOMI	1	2568
PstI	1	2380
SacII	1	6307
SanDI	1	2277
SapI	1	1443
SfiI	1	3940
SfoI	1	982
SgrDI	1	2
SpeI	1	253
XbaI	1	2576

p201 (pPRIME-CMV-GFP-FF3)

SgrDI

5' gtcgacggatcgggagatctcccgatcccctatggtgcactctcagtacaatctgctctgatgccgcatagttaagccagtatctgctccctgcttgtgt
 100
 3' cagctgcctagccctctagagggctaggggataccacgtgagagtcagttagacgagactacggcgtatcaattcgggtcatagacgagggacgaacaca
 +

5' gttggaggtcgctgagtagtgcgcgagcaaaathtaagctacaacaaggcaaggcttgaccgacaattgcatgaagaatctgcttaggggttaggcgttt
 200
 3' caacctccagcgactcatcacgcgctcgttttaattcgatggtgttccgttccgaactggctgtaacgtacttcttagacgaatccaatccgcaaaa
 +

Spel

5' gcgctgcttcgogatgtacgggcccagatatacgcgcttgacattgattattgactagttattaatagtaatacaattacgggggtcattagttcatagcccat
 300
 3' cgcgacgaagcgctacatgcccggctctatatgcgcaactgtaactaataactgatcaataattatcattagttaatgcccagtaatacaagtatcgggta
 +

5' atatggagttccgcttacataaacttacggtaaatggcccgcctggctgaccgcccacgacccccgccattgacgtcaataatgacgtatgttcccat
 400
 3' tatacctcaaggcgcaatgtattgaatgccatttacggggcggaccgactggcgggtgctggggcgggtaactgcagttattactgcatacaagggt
 +

5' agtaacgccaatagggactttccattgacgtcaatgggtggagatattacggtaaaactgcccaacttggcagtacatcaagtgtatcatatgccaaagtacg
 500
 3' tcatgcggttatccctgaaaggtaactgcagttaccacctcataaatgccattgacgggtgaaccgtcatgtagttcacatagatacggttcatgc
 +

5' cccctattgacgtcaatgacggtaaatggcccgcctggcattatgccagtacatgacctatgggactttcctacttggcagtacatctacgtattag
 600
 3' gggggataactgcagttactgccatttacggggcggaccgtaatacgggtcatgtactggaataccctgaaaggatgaaccgtcatgtagatgcataatc
 +

5' tcatcgctattaccatgggtgatgcgggttttggcagtacatcaatgggcgtggatagcgggttgactcacggggatttccaagtctccacccattgacgt
 700
 3' agtagcgataatggtaccactacgcaaaaaccgtcatgtagttaccgcacctatcgccaaactgagtgcccctaaagggttcagaggtgggtaactgca
 +

5' caatgggagttgttttggcaccaaaatcaacgggactttccaaaatgctgtaacaactccgccccattgacgcaaatggcggttaggcgtgtacgggtg
 800
 3' gttaccctcaaacaaaaccgtggttttagttgcctgaaagggttttacagcatggttgaggcgggtaactgcgtttaccggccatccgcacatgccacc
 +

5' gaggtctatagaccagatctgagcctgggagctctctggctaactaggaaccactgcttaagcctcaataaagcttgcttagtgctcaagtagtg
 900
 3' ctccagatatctggctagactcggaccctcgagagaccgattgatccctgggtgacgaattcggagttatttgaacggaactcacgaagttcatcac
 +

LTR

KasI
 NarI
 SfoI
 BbeI

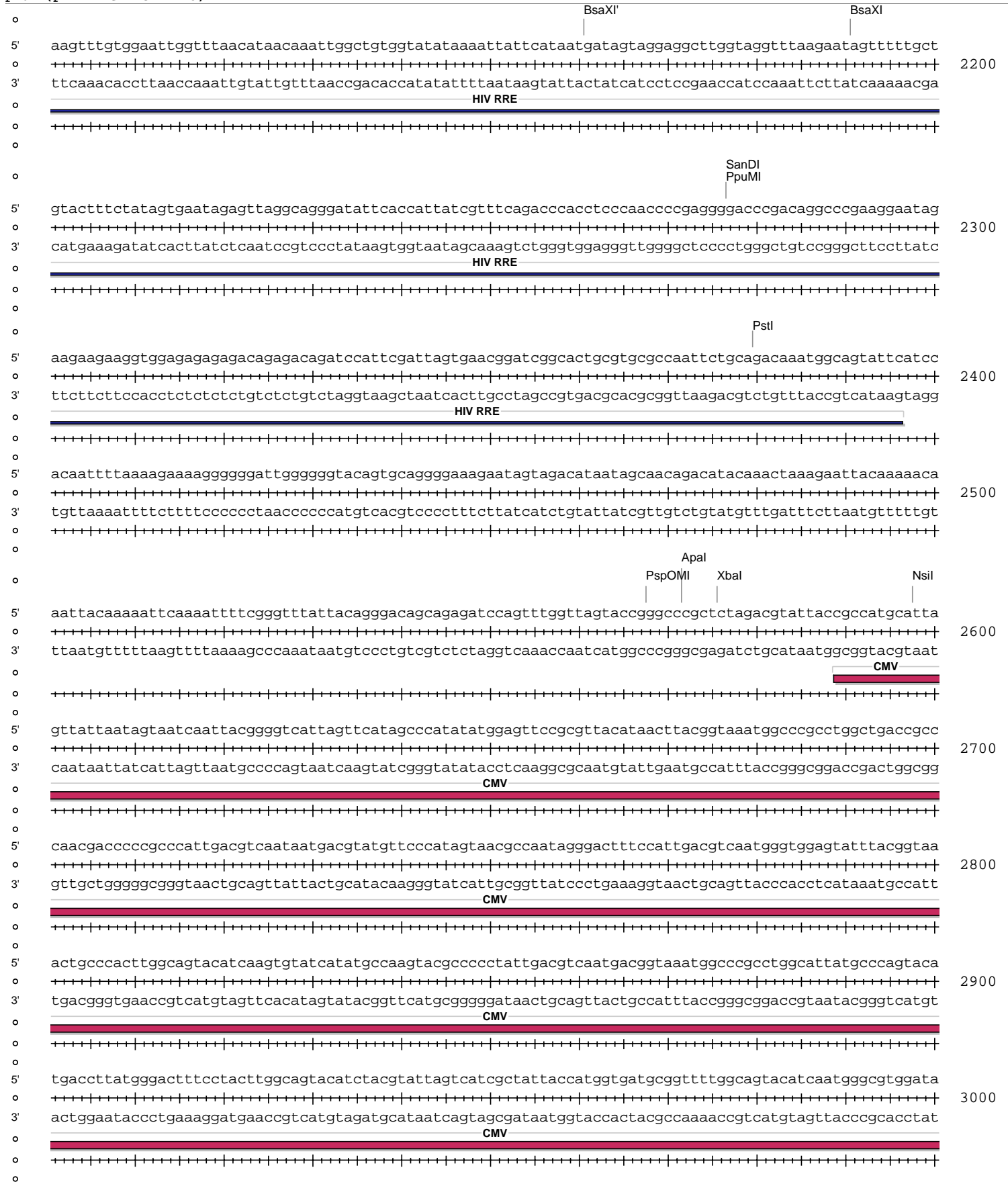
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 1000
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 +

LTR

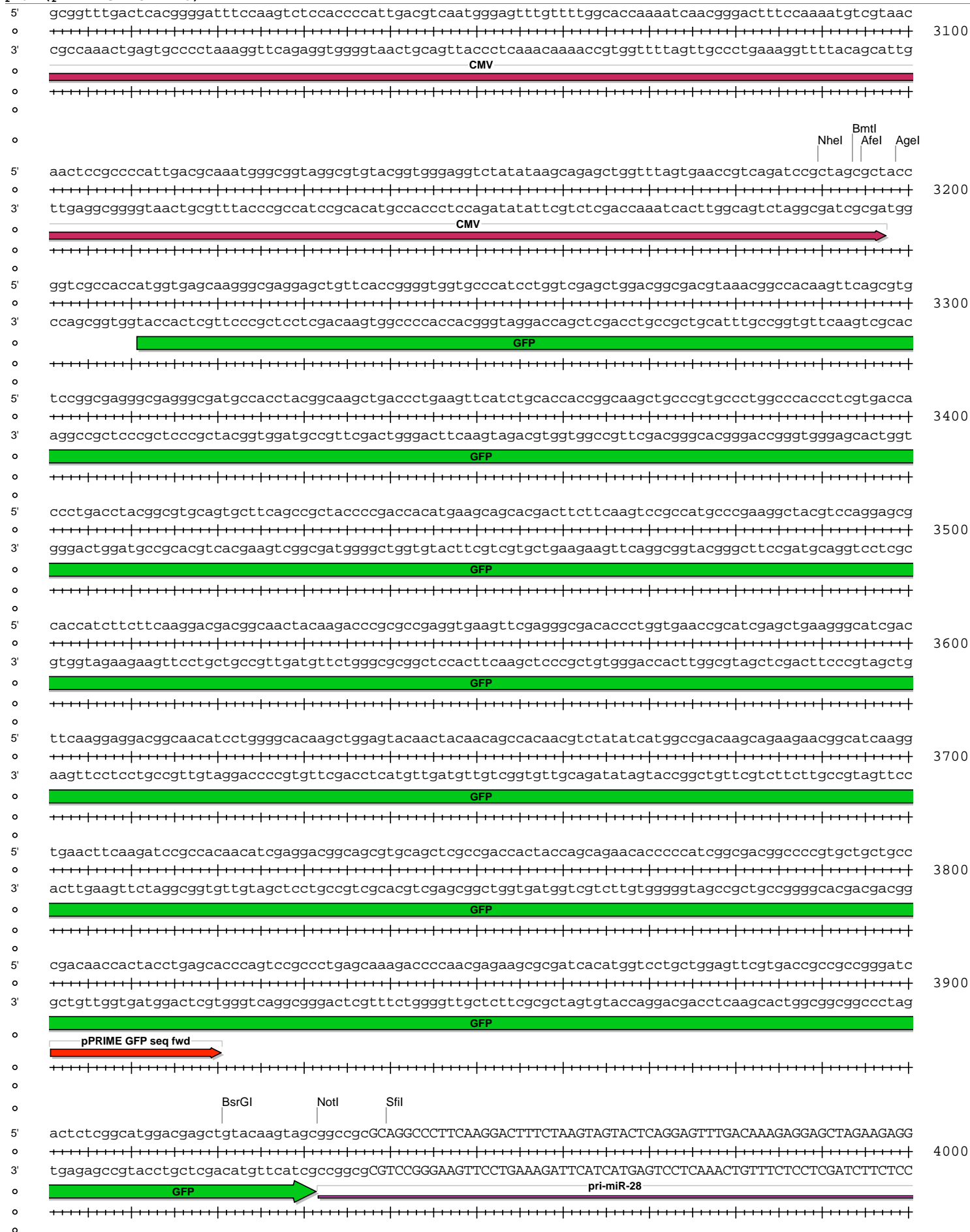
BssHII

5' agcgaagggaaccagaggagctctctcgacgcaggactcggcttgcctgaagcgcgcacggcaagaggcgaggggcgactggtgagtacgcaaaa
 1100
 3' tcgctttcccttggctcctcagagagactgcgctcctgagccgaacgacttcgcgcgctgcccgttctccgctccccgcccgtgaccactcatgcggtttt
 +

LTR



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