

p201 (pPRIME-CMV-GFP-FF3)

SgrDI

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 100
 3' cagctgcctagccctctagagggctaggggataccacgtgagagtcaggttagacgagactacggcgtatcaattcgggtcatagacgagggacgaacaca
 +

5' gttggaggtcgctgagtagtgcgcgagcaaaathtaagctacaacaaggcaaggcttgaccgacaattgcatgaagaatctgcttaggggttaggcgttt
 200
 3' caacctccagcgactcatcacgcgctcgttttaattcgatggtgttccgttccgaactggctgtaacgtacttcttagacgaatccaatccgcaaaa
 +

Spel

5' gcgctgcttcgogatgtacgggcccagatatacgcgcttgacattgattattgactagttattaatagtaatacaattacgggggtcattagttcatagcccat
 300
 3' cgcgacgaagcgctacatgcccggctctatatgcgcaactgtaactaataactgatcaataattatcattagttaatgcccagtaatacaagtatcgggta
 +

5' atatggagttccgcttacataaacttacggtaaatggcccgcctggctgaccgcccacgacccccgccattgacgtcaataatgacgtatgttcccat
 400
 3' tatacctcaaggcgcaatgtattgaatgccatttacggggcggaccgactggcgggtgctggggcgggtaactgcagttattactgcatacaagggt
 +

5' agtaacgccaatagggactttccattgacgtcaatgggtggagatattacggtaaaactgcccaacttggcagtacatcaagtgtatcatatgccaaagtacg
 500
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 +

5' cccctattgacgtcaatgacggtaaatggcccgcctggcattatgccagtacatgacctatgggactttcctacttggcagtacatctacgtattag
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 +

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 +

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 3' ctccagatatctggctagactcggaccctcgagagaccgattgatccctgggtgacgaattcggagttatttgaacggaactcacgaagttcatcac
 +

LTR

KasI
 NarI
 SfoI
 BbeI

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 3' acacgggcagacaacacactgagaccattgatctctagggagctctgggaaaaatcagtcacaccttttagagatcgtcaccgcgggcttgcctcctgaactt
 +

LTR

BssHII

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 3' tcgctttcccttggctcctcagagagactgcgctcctgagccgaacgacttcgcgcggtgccgttctccgctccccgcccgtgaccactcatgcggtttt
 +

LTR

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5' attttgactagcggaggctagaaggagagagatgggtgcgagagcgtcagtagtaagcgggggagaattagatcgcgatgggaaaaattcgggtaaggc
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 3' taaaactgatcgctccgatcttctctctctaccacgctctcgcagtcataattcgccccctcttaattctagcgtacccttttttaagccaattccg
 LTR

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 1300
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 LTR

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 LTR
 SapI FseI

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 LTR HIV RRE

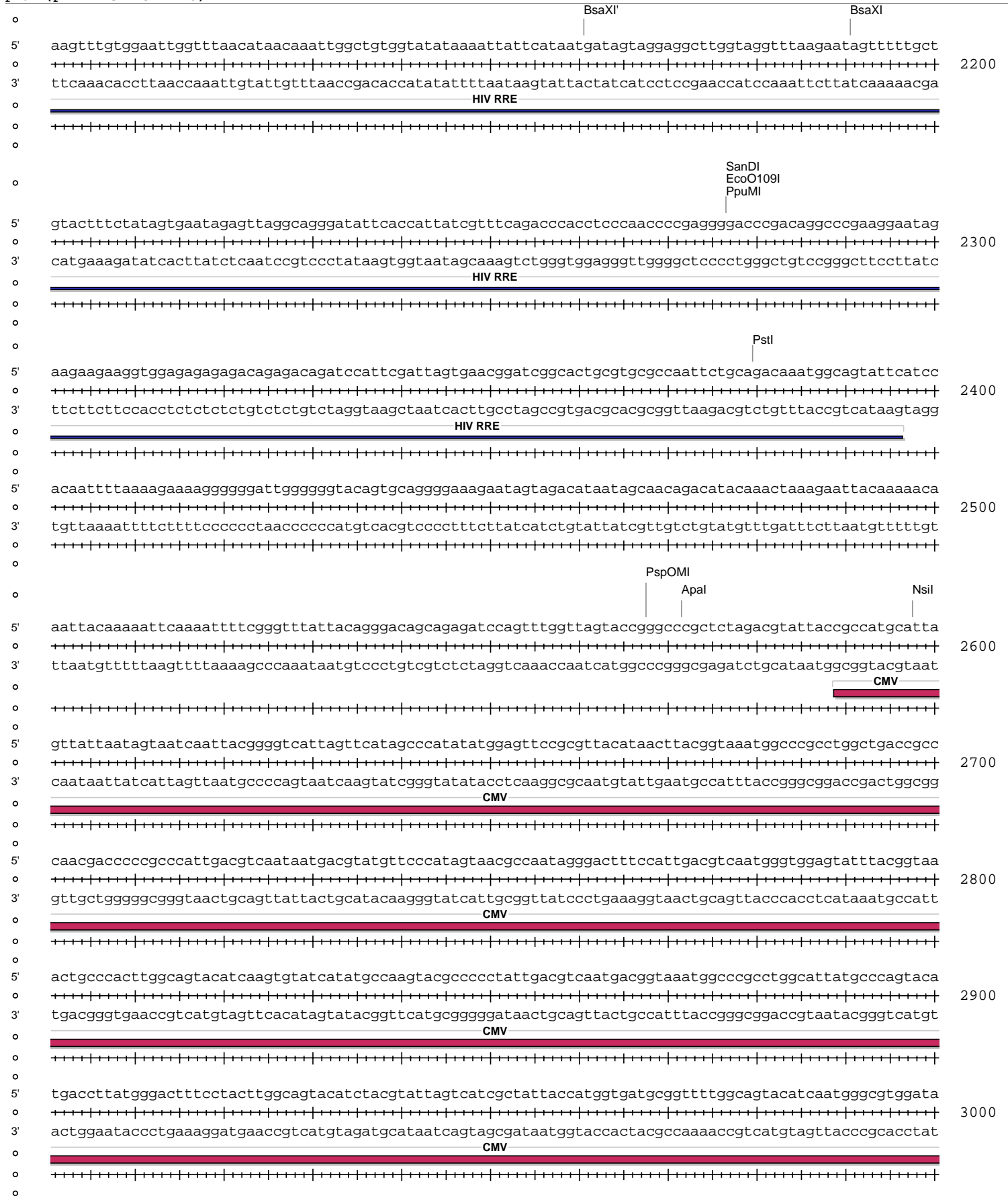
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 HIV RRE

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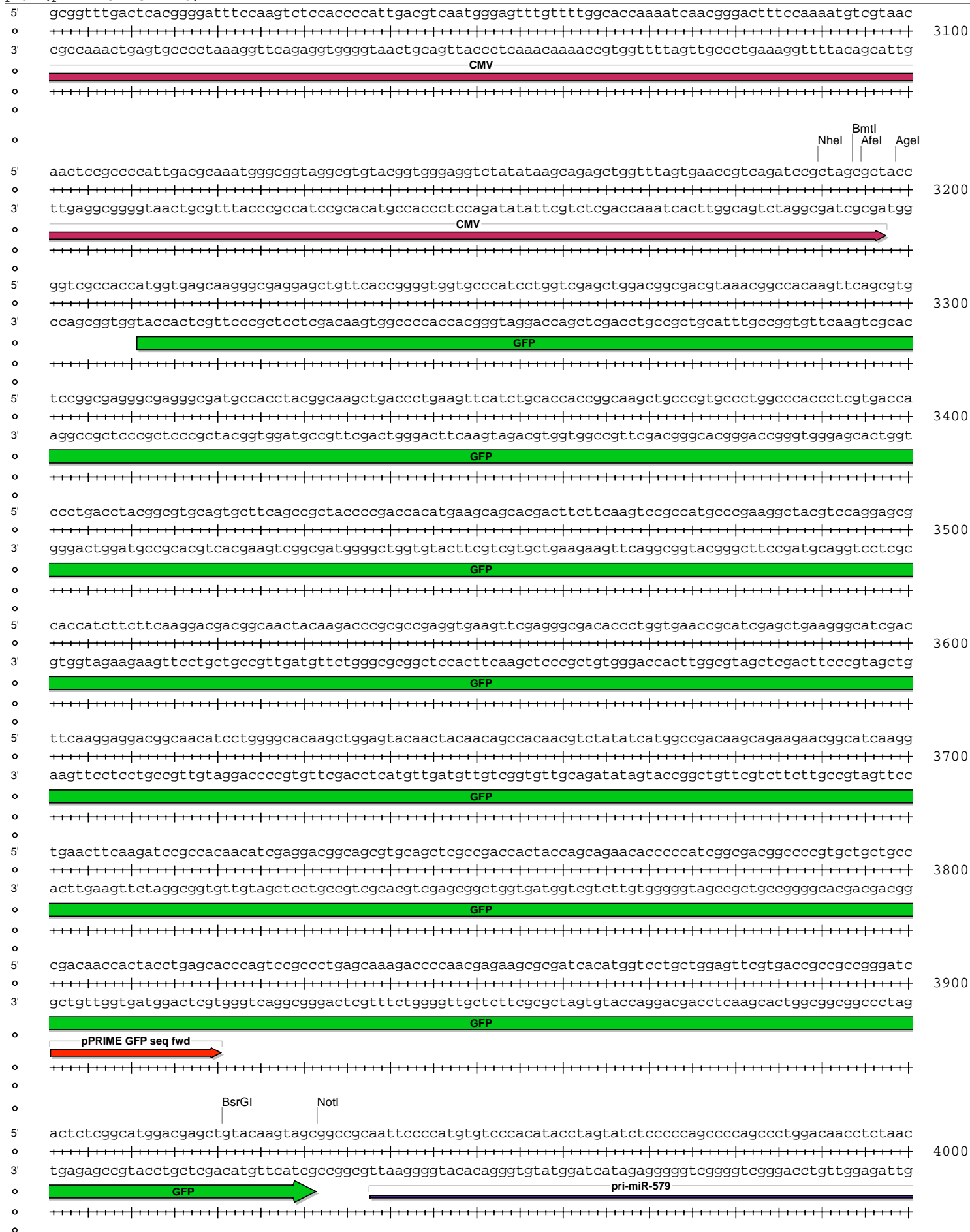
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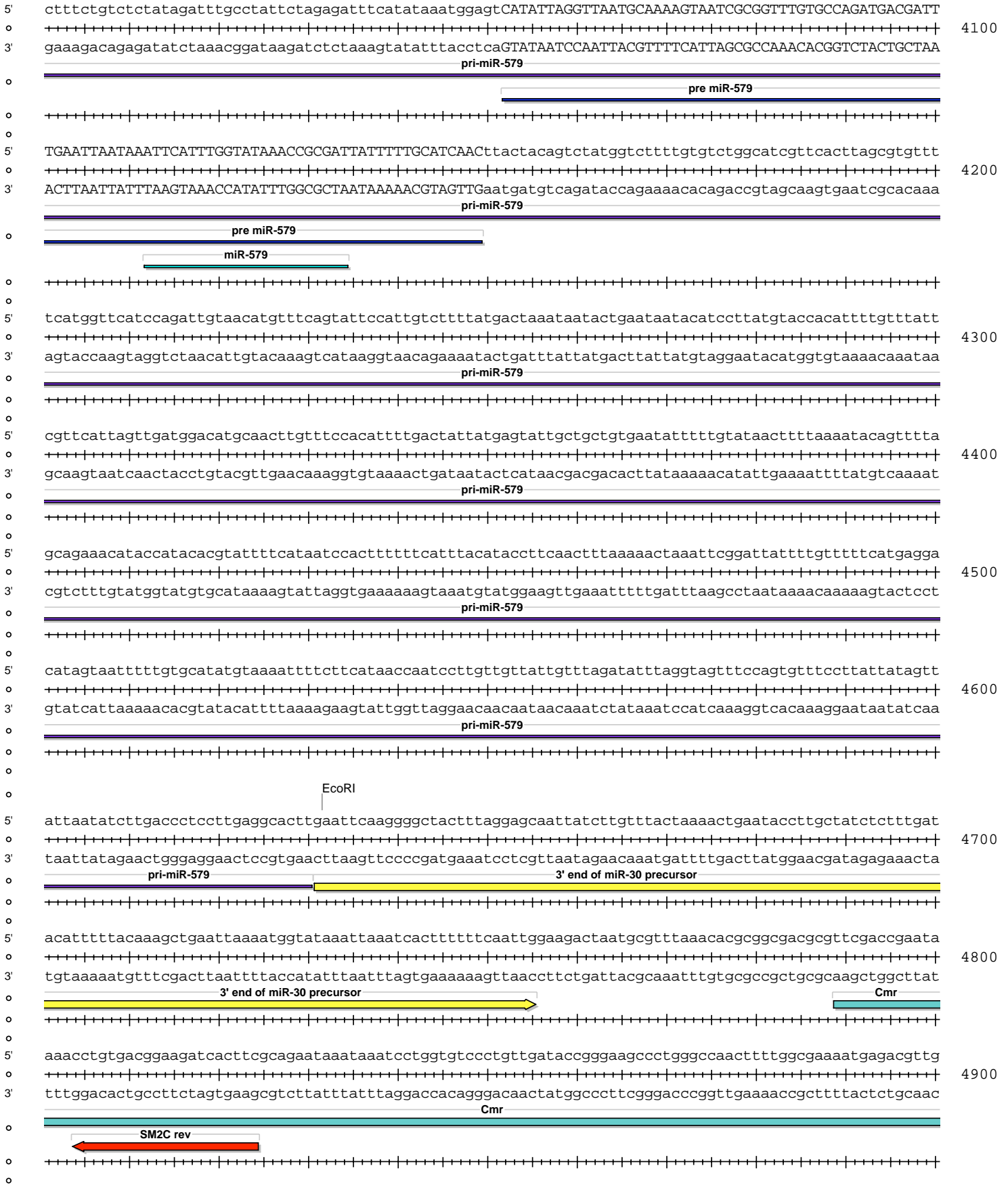
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 HIV RRE



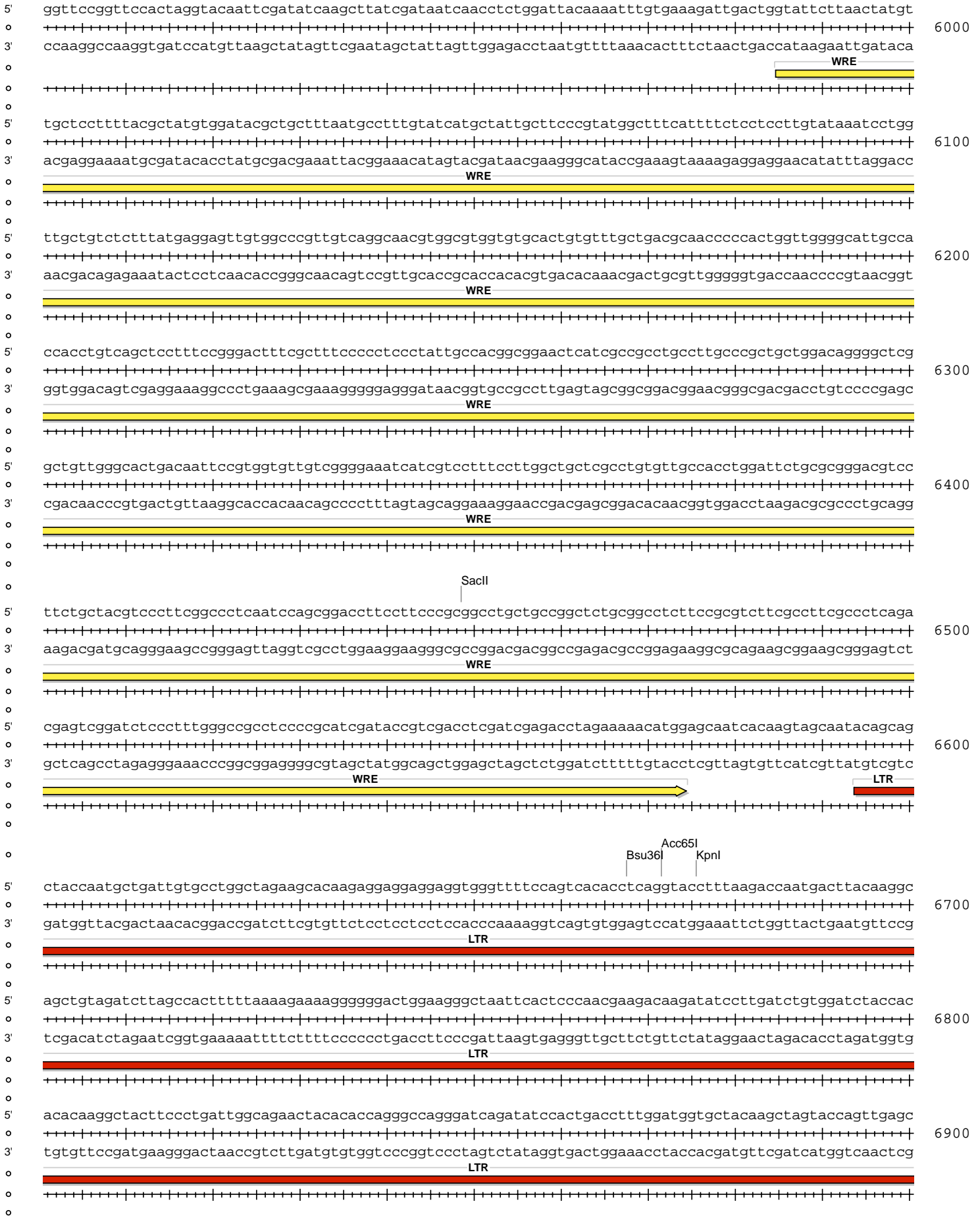
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5' aagagaaggtagaagaagccaatgaaggagagaacaccgccttgttacacctgtgagcctgcatgggatggatgacccggagagagaagtattagagtg
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 3' ttctcttccatcttcttcgggttacttctctcttgtggggaacaatgtgggacactcggacgtaccctacctaactggtcctctcttccataatctcac
 LTR

5' gaggttgacagccgcttagcatttcatcacatggcccagagactgcatccggactgactgggtctctctggttagaccagatctgagcctgggagctc
 7100
 3' ctccaaactgtcggcggatcgtaaagtagtgtaccgggctctcgacgtaggcctgacatgaccagagagaccaatctggtctagactcggaccctcgag
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 LTR

DrdI

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