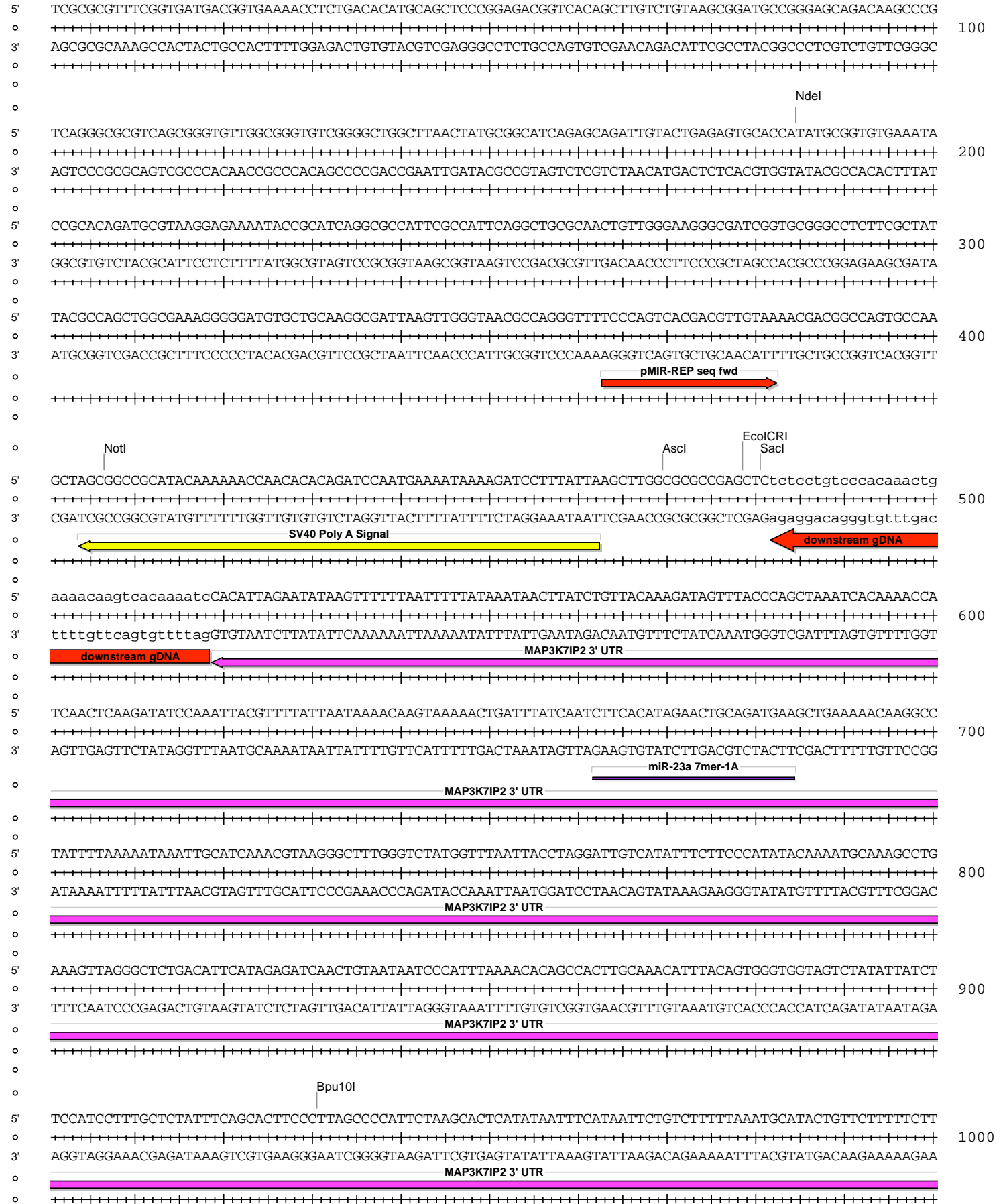


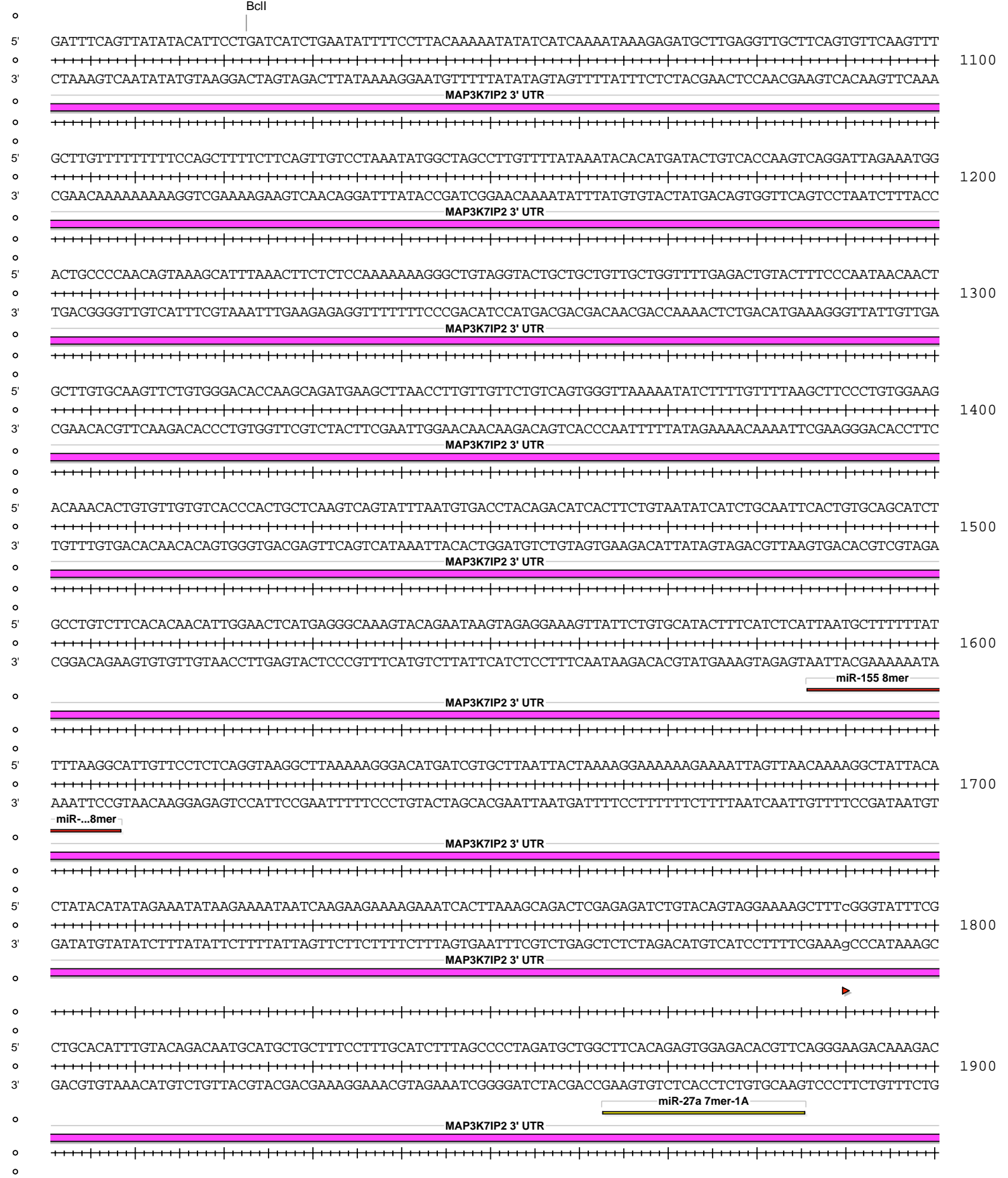
pMIR-REP-dCMV-MAP3K7IP2 3' UTR (461-1893) wt + dwnstrm gDNA

Absent Sites	0	AarI,AbstI,AfeI,AfIII,AleI,Apal,AsiSI,BaeI,BaeI',BamHI,BbvCI,BclI,BmgBI,BstXI,BstZ17I,FseI,FspAI,MauBI,MreI,NaeI, NgoMIV,NruI,PasI,PfiMI,PmeI,PmlI,PshAI,PspOMI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	3893 (7563)
AccI	1	7028 (7563)
AgeI	1	7196 (7563)
AhdI	1	5250 (7563)
AjuI	1	2739 (7563)
AjuI'	1	2771 (7563)
Alol	1	3652 (7563)
Alol'	1	3620 (7563)
Arsl	1	2440 (7563)
Arsl'	1	2472 (7563)
Ascl	1	470 (7563)
BamHI	1	3628 (7563)
BclI	1	1023 (7563)
Bpu10I	1	931 (7563)
BsaBI	1	6412 (7563)
BsmI	1	6325 (7563)
Bsu36I	1	3007 (7563)
BtgZI	1	3878 (7563)
ClaI	1	2256 (7563)
EcoICRI	1	479 (7563)
EcoNI	1	2005 (7563)
EcoO109I	1	2441 (7563)
KpnI	1	3897 (7563)
MluI	1	1952 (7563)
MscI	1	6764 (7563)
NdeI	1	185 (7563)
NotI	1	407 (7563)
PacI	1	2301 (7563)
PciI	1	4357 (7563)
PpuMI	1	2441 (7563)
PspXI	1	1969 (7563)
Psrl	1	3490 (7563)
Psrl'	1	3458 (7563)
RsrII	1	7020 (7563)
SacI	1	481 (7563)
SacII	1	6927 (7563)
Sall	1	7027 (7563)
SbfI	1	7219 (7563)
Scal	1	5730 (7563)
SfiI	1	7301 (7563)
SgrAI	1	2191 (7563)
SnaBI	1	3876 (7563)
Tth111I	1	7096 (7563)
XcmI	1	2889 (7563)

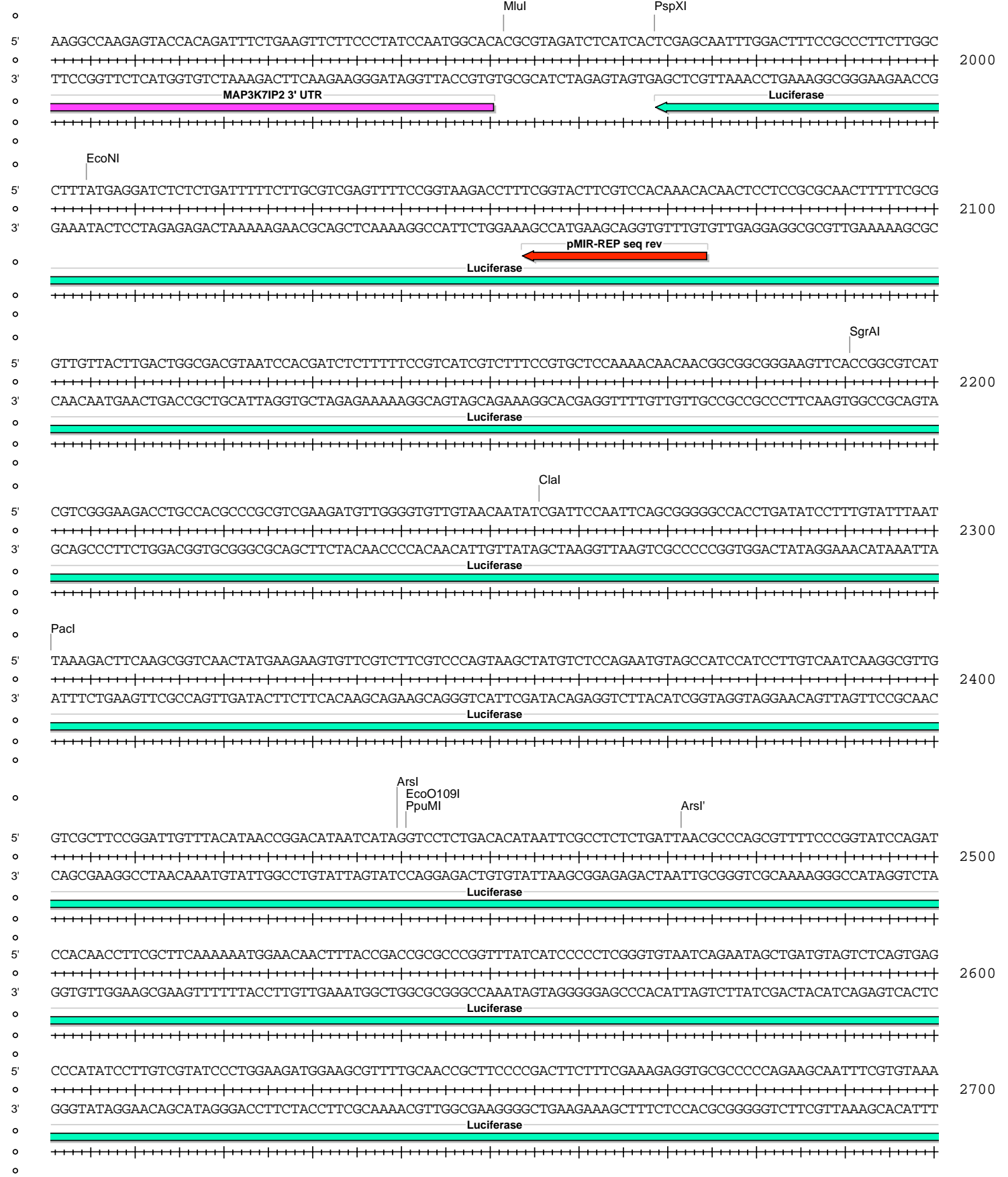
pMIR-REP-dCMV-MAP3K7IP2 3' UTR (461-1893) wt + dwnstrm gDNA



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pMIR-REP-dCMV-MAP3K7IP2 3' UTR (461-1893) wt + dwnstrm gDNA

o

5' TTAGATAAATCGTATTGTCAATCAGAGTGCTTTTGGCGAAGAATGAAAATAGGGTTGGTACTAGCAACGCACCTTTGAATTTTGTAAATCCTGAAGGGATC 2800

o

3' AATCTATTTAGCATAAACAGTTAGTCTCACGAAAACCGCTTCTTACTTTTATCCCAACCATGATCGTTGCGTGAAAATTAAAACATTAGGACTTCCCTAG

o

Luciferase

o

o

o

5' GTAAAAACAGCTCTTCTTCAAATCTATACATTAAGACGACTCGAAATCCACATATCAAATATCCGAGTGTAGTAAACATTCCAAACCGTGATGGAATGG 2900

o

3' CATTTTGTGCGAGAAGAAGTTTAGATATGTAATCTGCTGAGCTTTAGGTGTATAGTTTATAGGCTCACATCATTTGTAAGGTTTGGCACTACCTTACC

o

Luciferase

o

o

o

5' GACAACACTTAAAATCGCAGTATCCGGAACGATTTGATTGCCAAAAATAGGATCTCTGGCATGCGAGAATCTGACGCAGGCAGTTCTATGCGGAAGGGCC 3000

o

3' CTGTTGTGAATTTAGCGTCATAGGCCTTGCTAAACTAACGGTTTTTATCCTAGAGACCGTACGCTCTTAGACTGCGTCCGTCAAGATACGCCTTCCCGG

o

Luciferase

o

o

o

Bsu36I

5' ACACCCCTAGGTAACCCAGTAGATCCAGAGGAATTCATTATCAGTGCAATTGTTTTGTACAGATCAAAGGACTCTGGTACAAAATCGTATTCATTAAAAC 3100

o

3' TGTGGGAATCCATTGGGTCATCTAGGTCTCCTTAAGTAATAGTCAGTTAACAAAACAGTGCTAGTTTCCCTGAGACCATGTTTTAGCATAAGTAATTTTG

o

Luciferase

o

o

o

5' CGGGAGGTAGATGAGATGTGACGAACGTGTACATCGACTGAAATCCCTGGTAATCCGTTTTAGAAATCCATGATAATAATTTTCTGGATTATTGGTAATTT 3200

o

3' GCCCTCCATCTACTCTACACTGCTTGCACATGTAGCTGACTTTAGGGACCATTAGGCAAAATCTTAGGTACTATTATTAAGACCTAATAACCATTTAA

o

Luciferase

o

o

o

5' TTTTTCACGTTCAAATTTTTTGAACCCCTTTTTGGAAACAACACTACGGTAGGCTGCGAAATGTTTACTGTTGAGCAATTCACGTTTATTATAA 3300

o

3' AAAAACGTGCAAGTTTTTAAAAACGTTGGGAAAAACCTTTGTTTGTGATGCCATCCGACGCTTTACAAGTATGACAACCTGTTAAGTGAAGTAATATT

o

Luciferase

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o

o

5' ATGTCGTTGCGGGCGCAACTGCAACTCCGATAAATAACGCGCCCAACCCGGCATAAAGAATTGAAGAGAGTTTCACTGCATACGACGATTCTGTGAT 3400

o

3' TACAGCAAGCGCCCGGTTGACGTTGAGGCTATTTATGCGCGGGTTGTGGCCGATTTCTTAACTTCTCTCAAAGTGACGTATGCTGCTAAGACACTA

o

Luciferase

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o

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Psrl' Psrl

5' TTGTATTAGCCCATATCGTTTCATAGCTTCTGCCAACCGAACGACATTTGGAAGTATTCCGCGTACGTGATGTTACCTCGATATGTGCATCTGTAAA 3500

o

3' AACATAAGTCGGGTATAGCAAAGTATCGAAGACGGTTGGCTTGCCTGTAAGCTTCATAAGGCGCATGCACTACAAGTGGAGCTATACACGTAGACATTT

o

Luciferase

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o

o

5' AGCAATGTTCCAGGAACCAGGGCGTATCTCTTCATAGCCTTATGCAAGTGTCTCCAGCGGTTCCATCCTCTAGAGGATAGAATGGCGCCGGCCTTTC 3600

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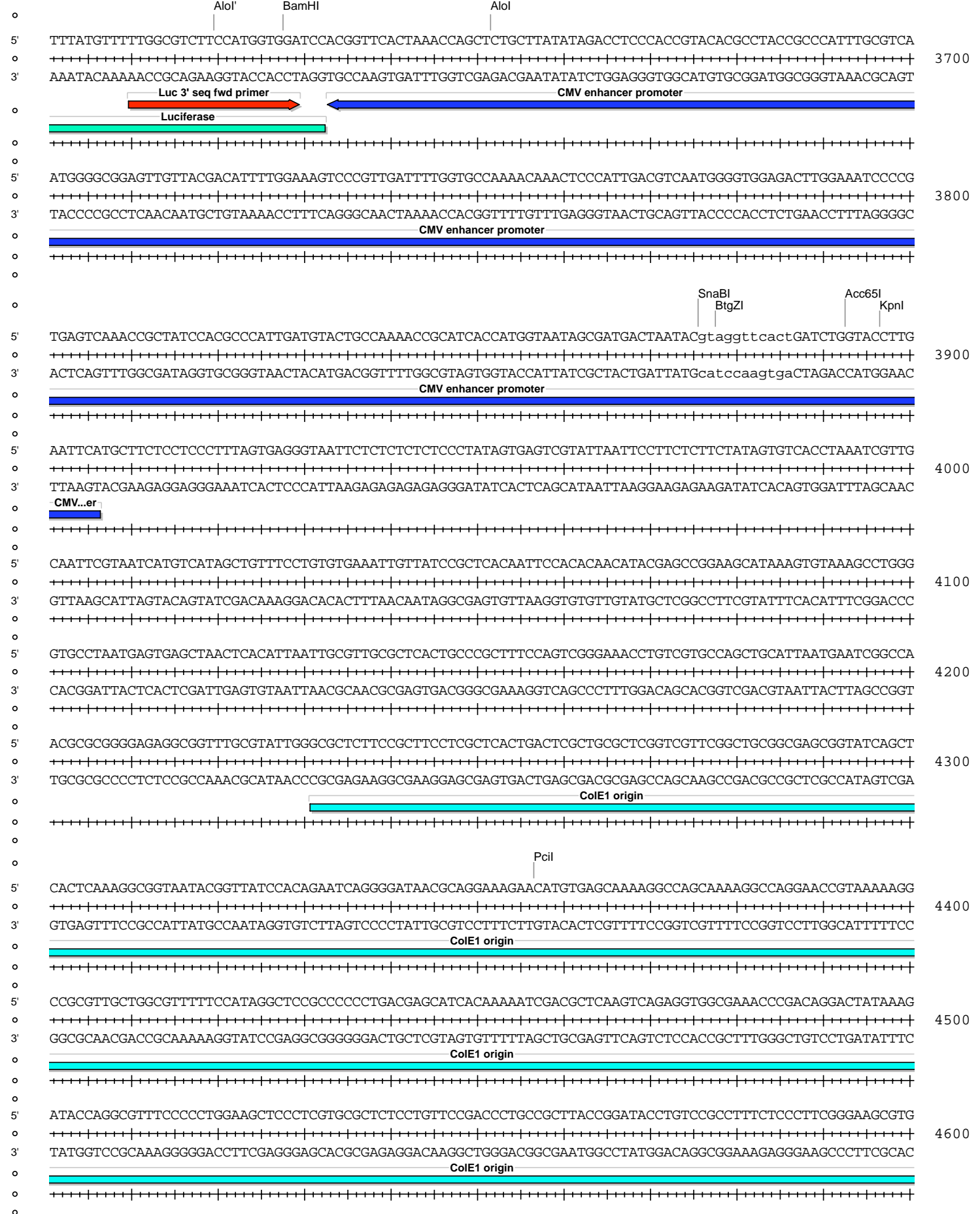
Luciferase

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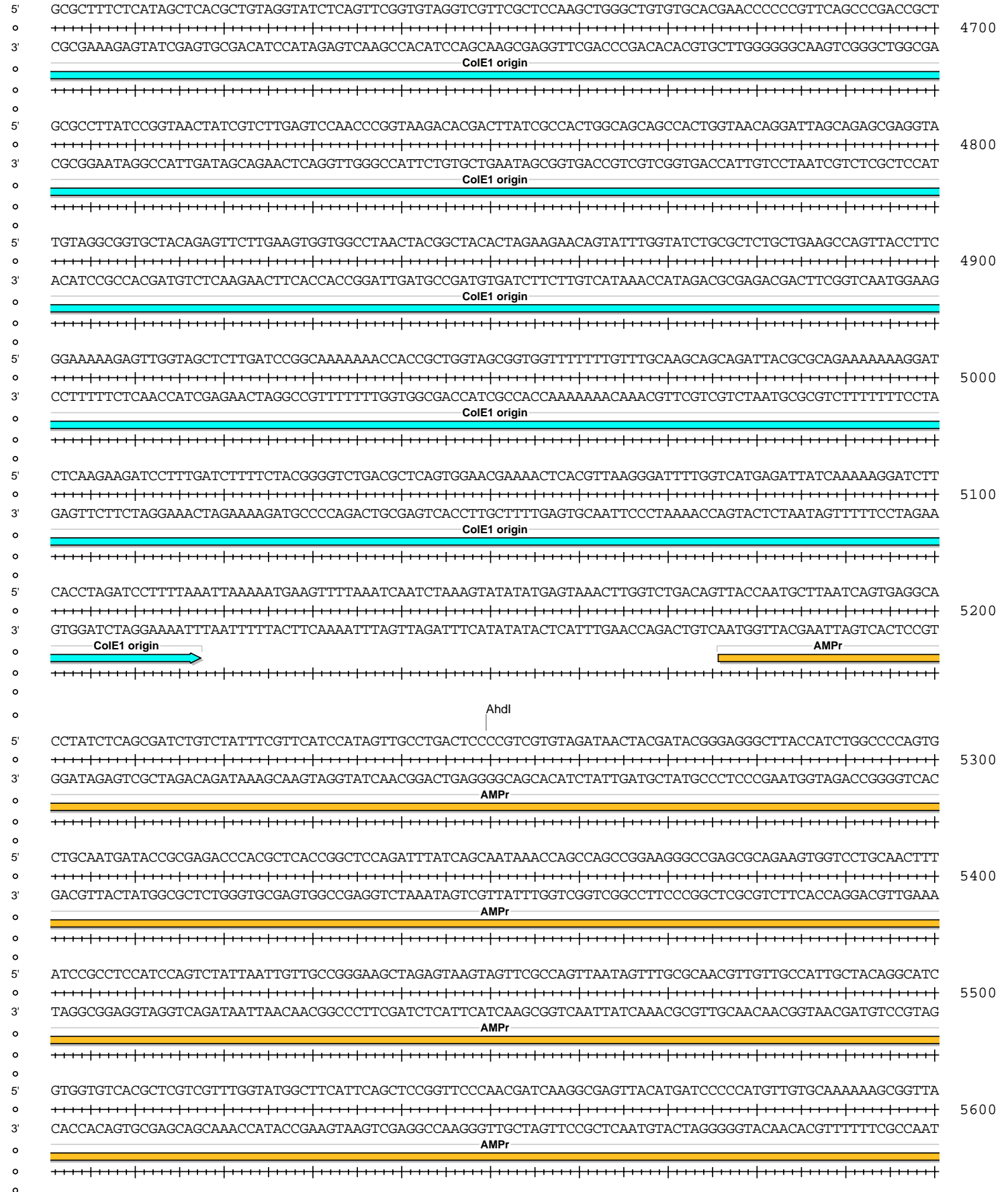
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pMIR-REP-dCMV-MAP3K7IP2 3' UTR (461-1893) wt + dwnstrm gDNA



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pMIR-REP-dCMV-MAP3K7IP2 3' UTR (461-1893) wt + dwnstrm gDNA

