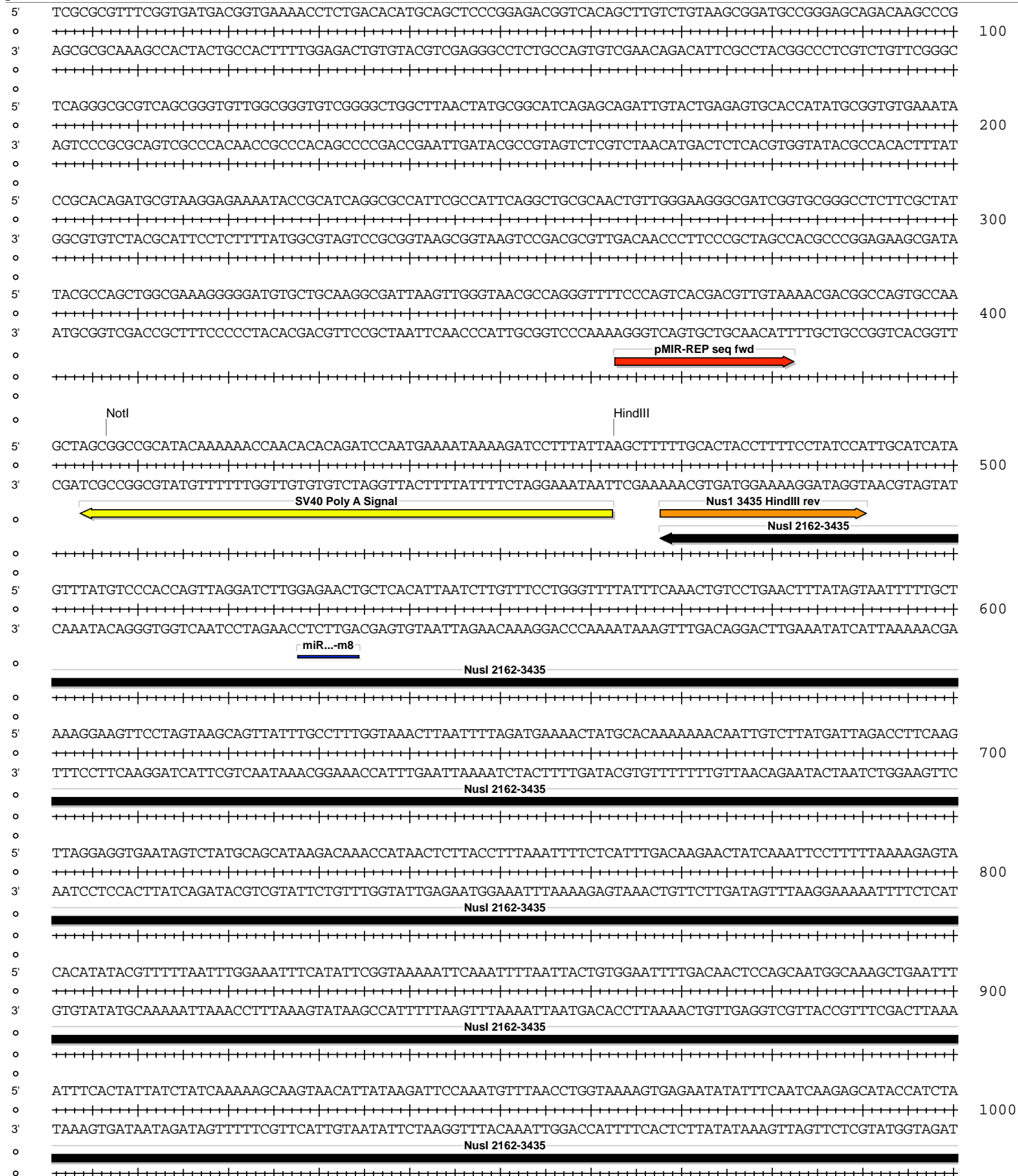


Absent Sites	0	AarI,AbSI,AfeI,AleI,Apal,Ascl,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,EcoICRI,FseI,FspAI,MauBI,MreI,NaeI,NgoMIV,NruI,PasI,PfiMI,PmeI,PmlI,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI,Swal
AccI	1	6819 (7354)
AfIII	1	1403 (7354)
AgeI	1	6987 (7354)
AhdI	1	5041 (7354)
AjuI	1	2530 (7354)
AjuI'	1	2562 (7354)
Alol	1	3443 (7354)
Alol'	1	3411 (7354)
AlwNI	1	4564 (7354)
ArSI	1	2231 (7354)
ArSI'	1	2263 (7354)
AvrII	1	7038 (7354)
BamHI	1	3419 (7354)
BglII	1	1749 (7354)
BsaBI	1	6203 (7354)
BssHII	1	6471 (7354)
Bsu36I	1	2798 (7354)
BtgZI	1	3669 (7354)
Clal	1	2047 (7354)
CspCI	1	3633 (7354)
CspCI'	1	3598 (7354)
DraIII	1	6362 (7354)
EcoNI	1	1796 (7354)
EcoO109I	1	2232 (7354)
EcoRV	1	2076 (7354)
HindIII	1	463 (7354)
HpaI	1	6102 (7354)
MluI	1	1743 (7354)
MscI	1	6555 (7354)
NotI	1	407 (7354)
PacI	1	2092 (7354)
PpuMI	1	2232 (7354)
PspXI	1	1760 (7354)
Psrl	1	3281 (7354)
Psrl'	1	3249 (7354)
PstI	1	7010 (7354)
RsrII	1	6811 (7354)
SacII	1	6718 (7354)
Sall	1	6818 (7354)
SbfI	1	7010 (7354)
Scal	1	5521 (7354)
SfiI	1	7092 (7354)
SgrAI	1	1982 (7354)
SnaBI	1	3667 (7354)
Tth111I	1	6887 (7354)
XcmI	1	2680 (7354)
XhoI	1	1760 (7354)
XmnI	1	5640 (7354)

pMIR-REP-dCMV NusI 2162-3435



pMIR-REP-dCMV NusI 2162-3435

5' AAAAAAACACTATTGCTATCTAGTCATATGCATTTCTTATTACATTTTTCGACCCCTAAGTGTTCAGAACAAATGTAGCATTACATAAATACTATAGTC
 1100
 3' TTTTGTGATAACGATAGATCAGTATACGTAAGAATAATGTAAAAACGTCGGGGATTACAAGTCTTGTTTACATCGTAAGTGTATTATGATATCAG
 NusI 2162-3435

5' AATGAAAAGAGTATATCTTTTATTGGTTTTCATACATGTTAAGTTTCAACTTTCAATAATAAAAATCAATAAAATTTGATTCTTAAATCATAAAAA
 1200
 3' TTACTTTTCTCATATAAGAAAATAACCAAAAACAAGTATGTACAATTCAAAGTTGAAAGTTATTTTAAAGTTATTTAACTAAGGAATTAGTATTTTT
 NusI 2162-3435

5' CTGGCTTTACACATTATTTACATATTGTCAAAGTCCATACAAAACATCACAAGGATTTGATTGACTCTATGCATGGTACCATCACACAGGAGGAGGGAGC
 1300
 3' GACCGAAATGTGTAATAAATGTATAACAGTTTCAGGTATGTTTTGTAGTGTCTTAACTAACTGAGATACGTACCATGGTAGTGTCTCTCCCTCG
 NusI 2162-3435

5' TAATCCAGTAAACATACATTCAAAGATTAATTTGCAGATATGCACAGTGTATTTGGCACTGTTTCAATTAATATTATAACACCTTCTCTCAAAGACAGGCAT
 1400
 3' ATTAGTTCATTGTATGTAAGTTTCTAATTTAACGTCTATACGTGTACATAAACCGTGACAAGTAATTATAATATTGTGGAAGGAGAGTTTCTGTCCGTA
 NusI 2162-3435

AflII
 5' TCTTAAGCGTTAGTCACGATATACCAGAATTTGCTATTTCACATTTAAACCACCTTTTAACTTTTATAACAGTAACCGATTATTATAGTTTTAAGAAACAA
 1500
 3' AGAATTCGCAATCAGTCTATATGGTCTTAAACGATAAGTGTAAATTTGGTGGAAAATTTGAAATATTGTCAATGGCTAATAATATCAAAAATCTTTGTT
 NusI 2162-3435

5' AACACAATGAGAACTGGGAATGGAATTCAAATCCTCCAACCTTCTTGTCTATGCTCCAAGCTGCCATCCATAAAACAGGTTTAATTCGGTAATTTTCCATT
 1600
 3' TTGTGTTACTCTTGACCCCTTACCTTAAGTTTAGGAGGTTGAAGAACGATACGAGGTTTCGACGGTAGGTATTTTGTCCAATTAAGCCATTAAGGTTAAAGGTTAA
 miR-...8mer
 NusI 2162-3435

5' GTGGGGAGTGTCAACAAGAAACAATTTAAAGACAGTATTTTCCAATACAAATAAAGACACATACTTTTGTTTAAAATTACCAGTTCCTTCTTGGGAGTGCA
 1700
 3' CACCCTCACAGTGTCTTTTGTAAATTTCTGTCATAAAAGGTTATGTTTATTTCTGTGTATGAAAACAAATTTAATGGTCAAGAAGAACCCCTCACGT
 NusI 2162-3435

MluI BglII PspXI XhoI EcoNI
 5' AAGGGAGCCTTGATGATGTACAACCTTGTGATGCTTTTGGCAACGCGTAGATCTCATCACTCGAGCAATTTGGACTTTCCGCCCTTCTTGGCCTTTATGAG
 1800
 3' TTCCCTCGGAACACTACTACATGTTGAACACTACGAAAACCGTTGCGCATCTAGAGTAGTGAGCTCGTTAAACCTGAAAGGCGGGAAGAACCAGGAAATCTC
 Nus1 2162 MluI fwd
 NusI 2162-3435
 Luciferase

5' GATCTCTCTGATTTTTCTTGGCTCGAGTTTCCGGTAAGACCTTTCCGGTACTTCGTCACAAACACAACCTCCTCCGCGCAACTTTTTCGCGGTTGTTACT
 1900
 3' CTAGAGAGACTAAAAGAACGCAGCTCAAAGGCCATTTGAAAGCCATGAAGCAGGTGTTTGTGTTGAGGAGGCGCGTTGAAAAGCGCCAACAATGA
 pMIR-REP seq rev
 Luciferase

