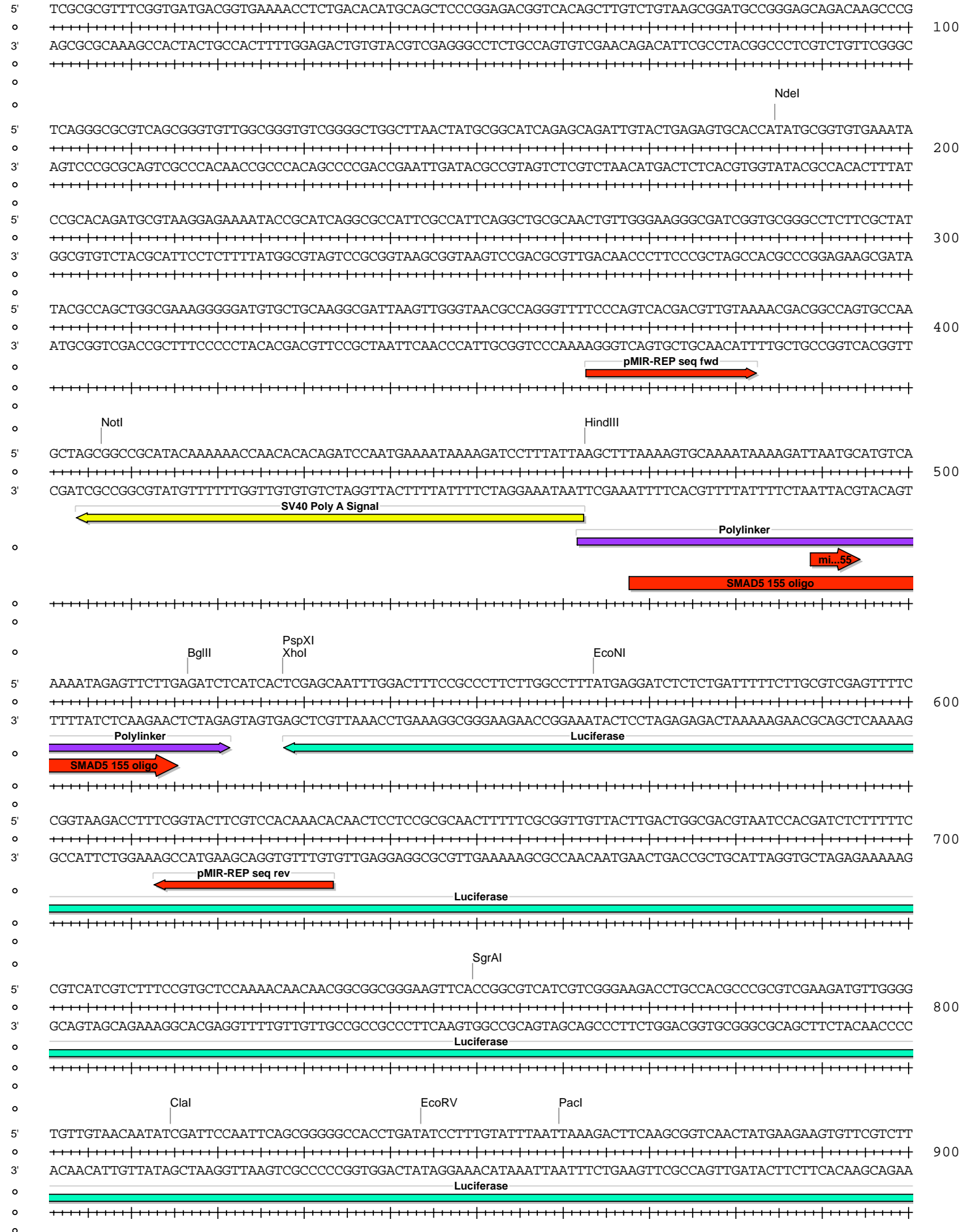
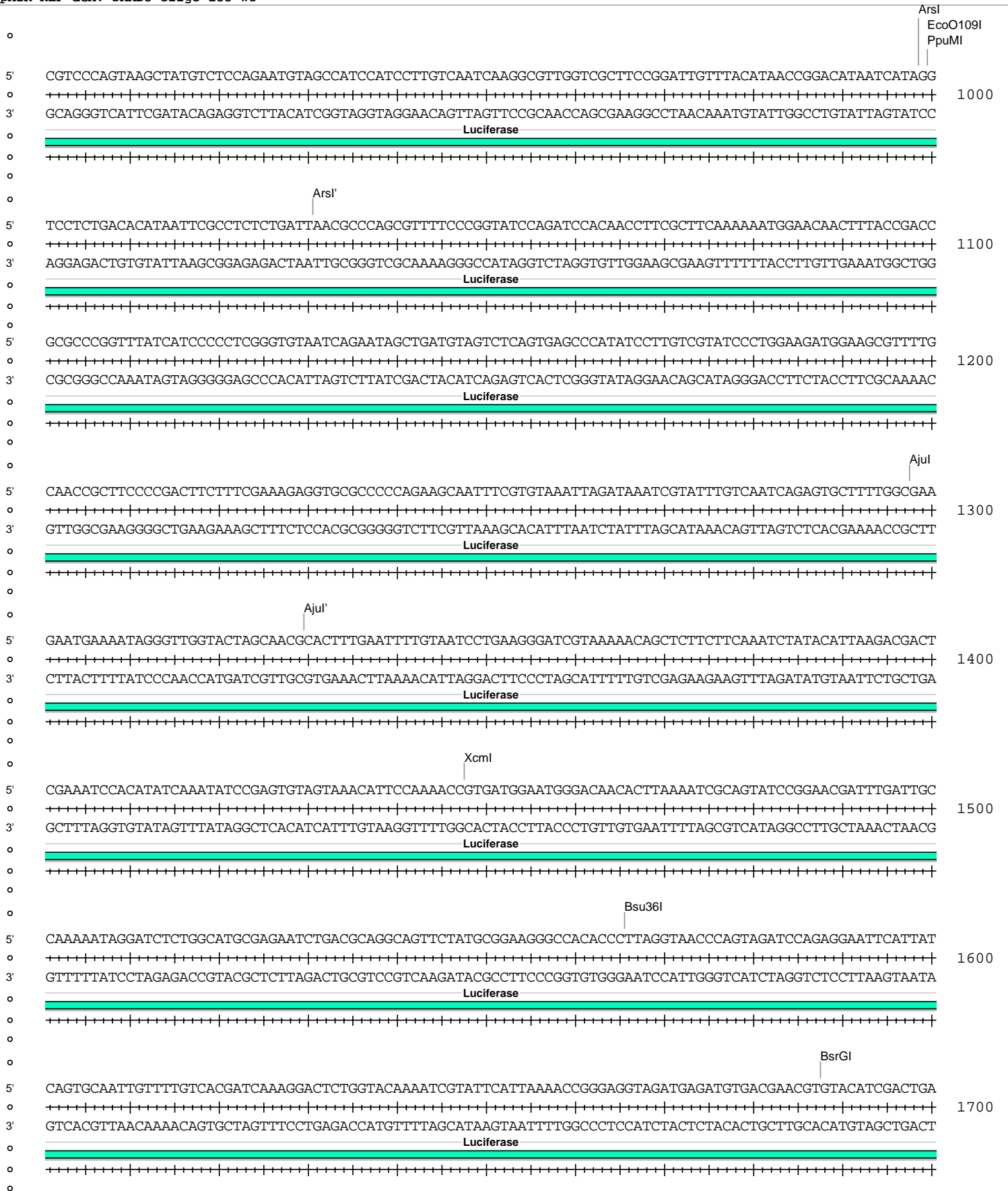


pMIR-REP-dCMV SMAD5 oligo 155 wt

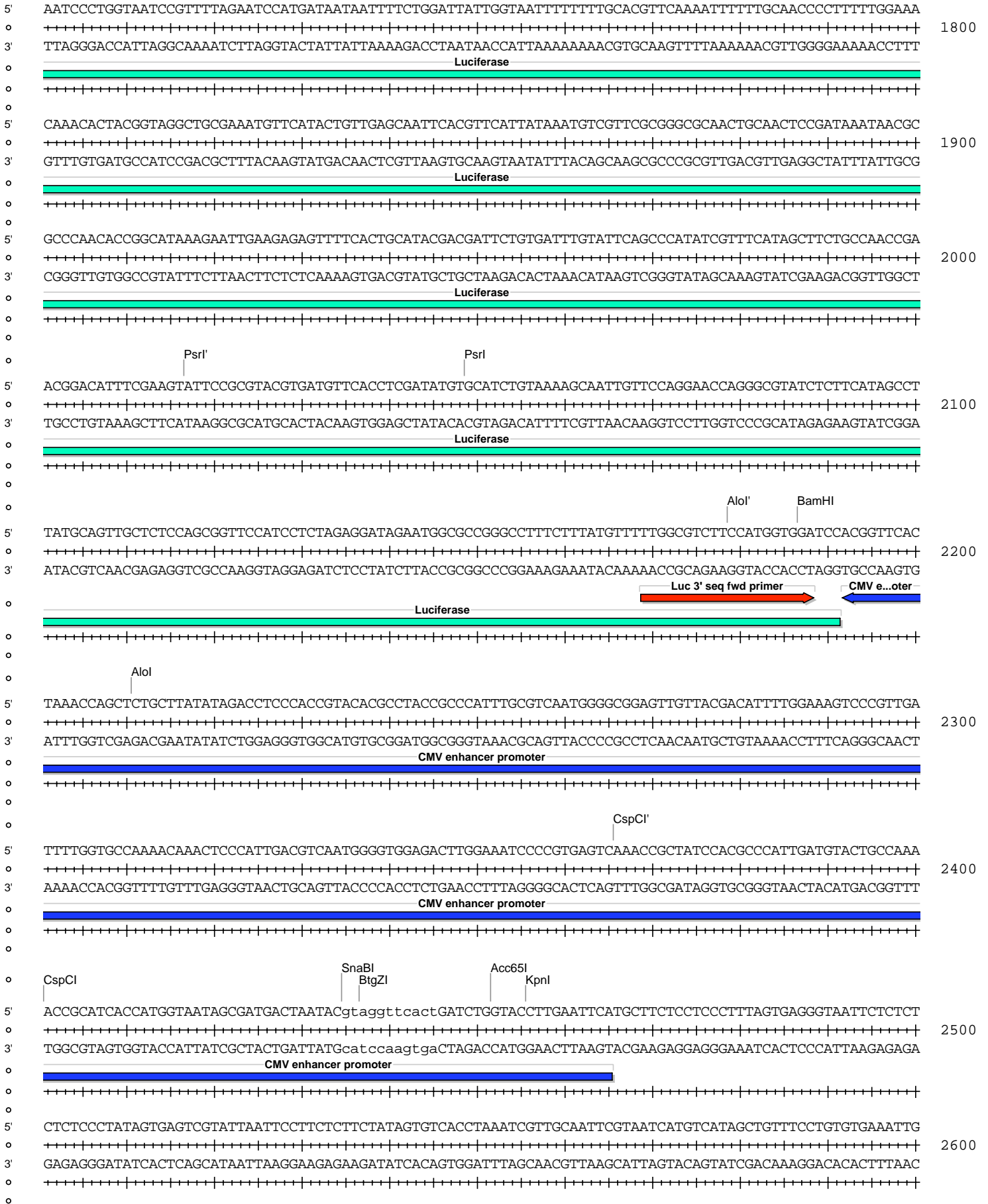
Absent Sites	0	AarI,AbstI,AfeI,AfII,AleI,Apal,AscI,AsiSI,BaeI,BaeI',BarI,BarI',BbvCI,BclI,BlpI,BmgBI,Bpu10I,BsgI,BstXI,BstZ17I,EcoICRI,Fall,Fall',FseI,FspAI,MauBI,MluI,MreI,NaeI,NgoMIV,NruI,PasI,PfIMI,PmeI,PmlI,PshAI,PspOMI,SacI,SanDI,SgrDI,SpeI,SrfI,Swal
Acc65I	1	2452 (6122)
AccI	1	5587 (6122)
AgeI	1	5755 (6122)
AhdI	1	3809 (6122)
AjuI	1	1298 (6122)
AjuI'	1	1330 (6122)
Alol	1	2211 (6122)
Alol'	1	2179 (6122)
AlwNI	1	3332 (6122)
Arsl	1	999 (6122)
Arsl'	1	1031 (6122)
AvrII	1	5806 (6122)
BamHI	1	2187 (6122)
BglII	1	517 (6122)
BsaBI	1	4971 (6122)
BsmI	1	4884 (6122)
BsrGI	1	1688 (6122)
BssHII	1	5239 (6122)
Bsu36I	1	1566 (6122)
BtgZI	1	2437 (6122)
ClaI	1	815 (6122)
CspCI	1	2401 (6122)
CspCI'	1	2366 (6122)
DraIII	1	5130 (6122)
EcoNI	1	564 (6122)
EcoO109I	1	1000 (6122)
EcoRV	1	844 (6122)
HindIII	1	463 (6122)
HpaI	1	4870 (6122)
KpnI	1	2456 (6122)
MscI	1	5323 (6122)
NdeI	1	185 (6122)
NotI	1	407 (6122)
PacI	1	860 (6122)
PciI	1	2916 (6122)
PpuMI	1	1000 (6122)
PspXI	1	528 (6122)
Psrl	1	2049 (6122)
Psrl'	1	2017 (6122)
PstI	1	5778 (6122)
RsrII	1	5579 (6122)
SacII	1	5486 (6122)
Sall	1	5586 (6122)
SbfI	1	5778 (6122)
Scal	1	4289 (6122)
SfiI	1	5860 (6122)
SgrAI	1	750 (6122)
SnaBI	1	2435 (6122)
SspI	1	4613 (6122)
Tth111I	1	5655 (6122)
XcmI	1	1448 (6122)
XhoI	1	528 (6122)
XmnI	1	4408 (6122)

pMIR-REP-dCMV SMAD5 oligo 155 wt





pMIR-REP-dCMV SMAD5 oligo 155 wt



pMIR-REP-dCMV SMAD5 oligo 155 wt

5' TTATCCGCTCACAATTCACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCCTGGGGTGCCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGC
 2700
 3' AATAGGCGAGTGTAAAGGTGTGTTGTATGCTCGGCCTTCGTATTTACATTTTCGGACCCACGGATTACTCACTCGATTGAGTGTAAATTAACGCAACCGC
 5' TCACTGCCCGCTTTCCAGTCGGGAAACCTGTGCTGCCAGCTGCATTAATGAATCGGCCAACGCGGGGAGAGGCGGTTTTCGCTATTGGGCGCTCTTCCG
 2800
 3' AGTGACGGGCGAAAGGTCAGCCCTTTGGACAGCACGGTCGACGTAATTACTTAGCCGGTTGCGCGCCCTCTCCGCCAAACGCATAACCCGCGAGAAGGC
 ColE1 origin
 5' CTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGA
 2900
 3' GAAGGAGCGAGTACTGAGCGACGCGAGCCAGCAAGCCGACCGCTCGCCATAGTCGAGTGAGTTTCCGCCATTATGCCAATAGGTGTCTTAGTCCCT
 ColE1 origin
 PciI
 5' TAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGAC
 3000
 3' ATTGCGTCCTTTCTTGTACACTCGTTTTCCGGTCGTTTTCCGGTCTTGGCATTTTTCCGGCGCAACGACCCGAAAAAGGTATCCGAGGCGGGGGACTG
 ColE1 origin
 5' GAGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCCTCTC
 3100
 3' CTCGTAGTGTTTTAGCTGCGAGTTCAGTCTCCACCGCTTTGGGCTGTCTGATATTTCTATGGTCCGCAAAGGGGACCTTCGAGGGAGCACGCGAGAG
 ColE1 origin
 5' CTGTTCCGACCTGCCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCCGT
 3200
 3' GACAAGGCTGGGACGGCGAATGGCCTATGGACAGGCGGAAAGAGGGAAGCCCTTCGCACCGCGAAAGAGTATCGAGTGCACATCCATAGAGTCAAGCCA
 ColE1 origin
 5' GTAGTTCGTTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGTA
 3300
 3' CATCCAGCAAGCGAGGTTTCGACCCGACACACGTGCTTGGGGGGCAAGTCGGGCTGGCGACGCGGAATAGGCCATTGATAGCAGAACTCAGGTTGGGCCAT
 ColE1 origin
 AlwNI
 5' AGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTCTTGAAGTGGTGGCCTAACT
 3400
 3' TCTGTGCTGAATAGCGGTGACCGTCGTCGGTGACCATTGTCTAATCGTCTCGCTCCATACATCCGCCACGATGTCTCAAGAACTTACCACCGGATTGA
 ColE1 origin
 5' ACGGCTACACTAGAAGAACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAAAACCAC
 3500
 3' TGCCGATGTGATCTTCTTGTGTCATAAACCATAGACGCGAGACGACTTCGGTCAATGGAAGCCTTTTCTCAACCATCGAGAACTAGGCCGTTTTTTTGGTG
 ColE1 origin
 5' CGCTGGTAGCGGTGGTTTTTTTTGTTTGAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCT
 3600
 3' GCGACCATCGCCACCAAAAAACAAACGTTTCGTGCTAATGCGCGTCTTTTTTCTTAGAGTCTTCTAGGAACTAGAAAAGATGCCCCAGACTGCGA
 ColE1 origin

