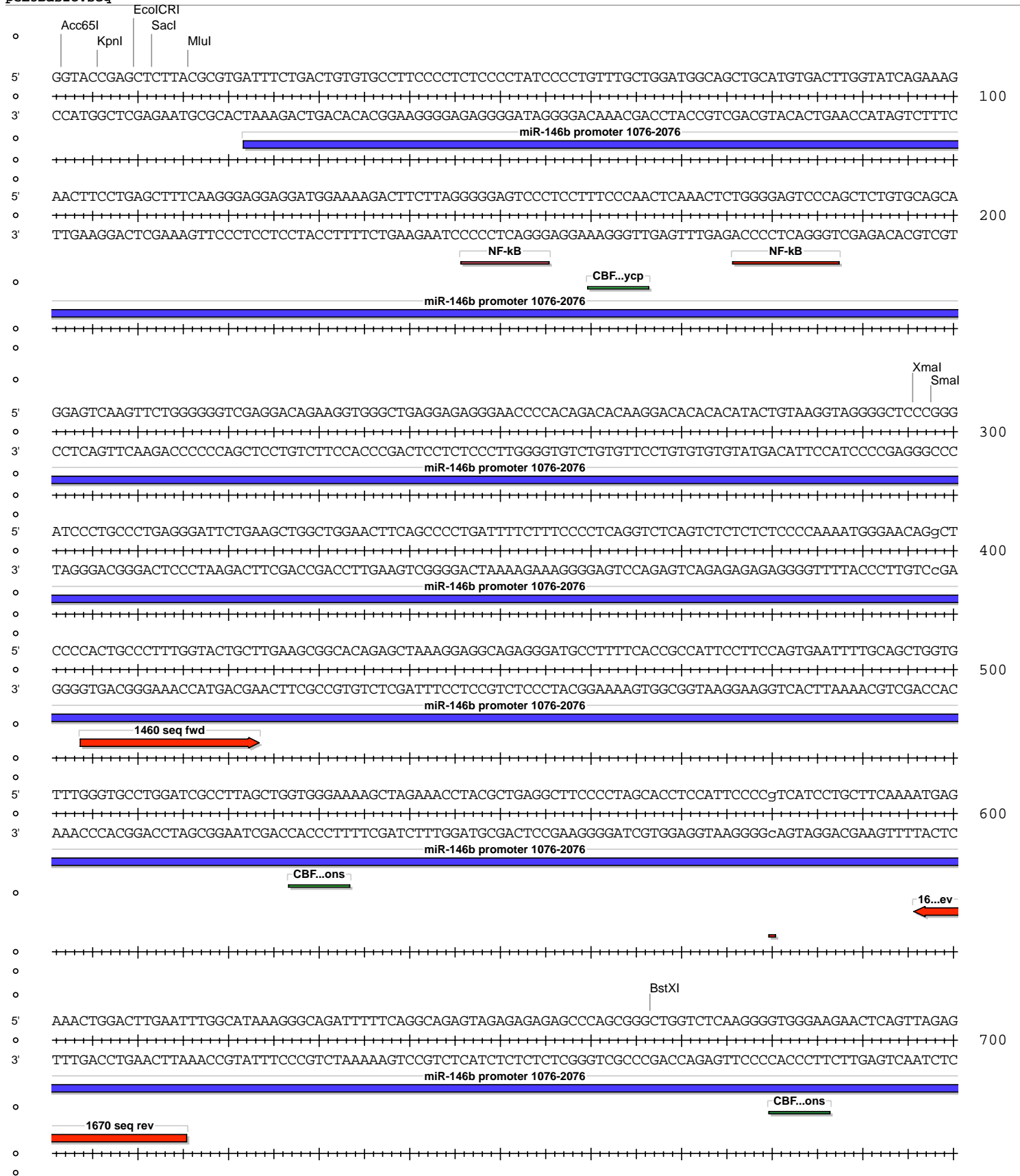
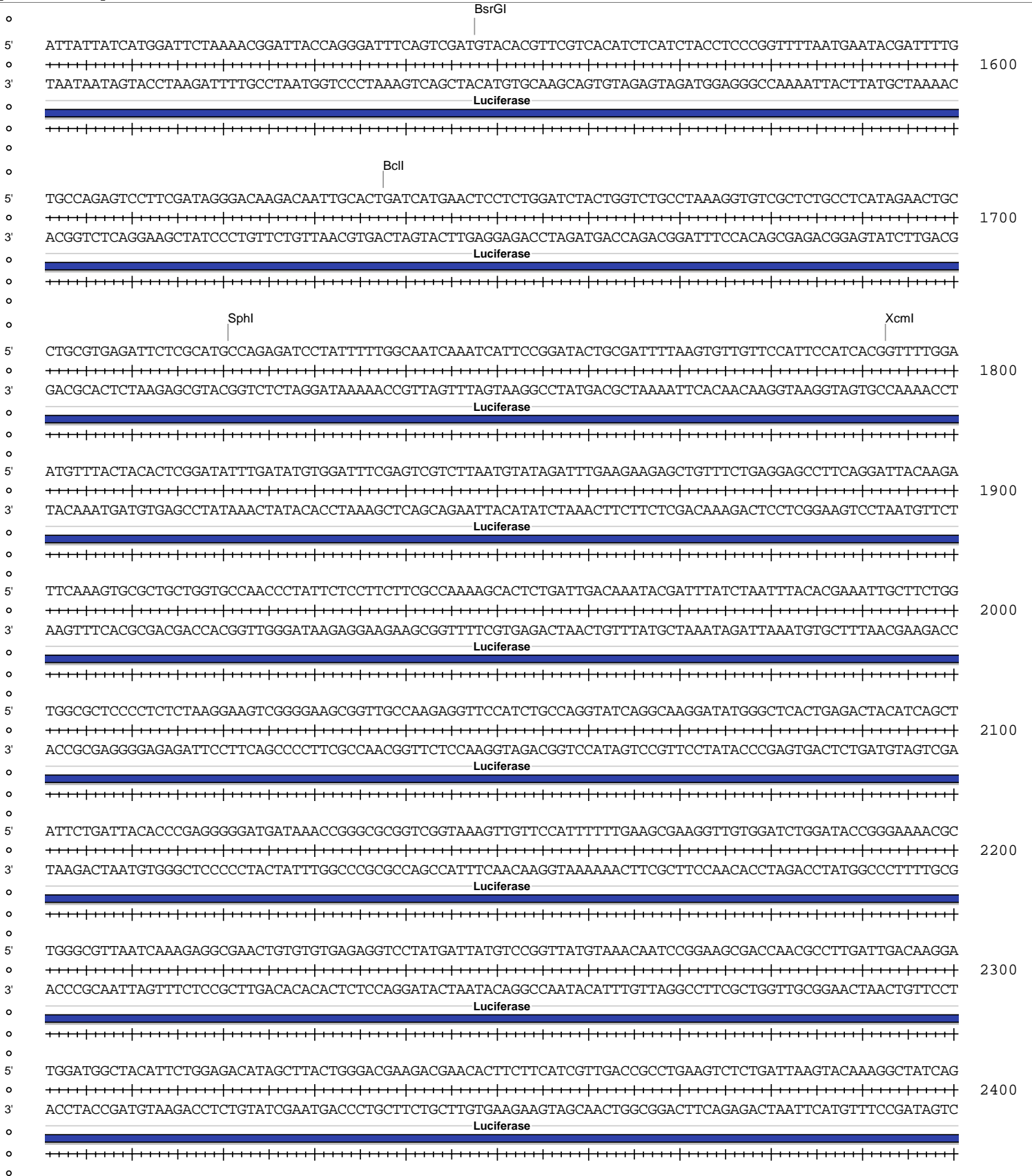


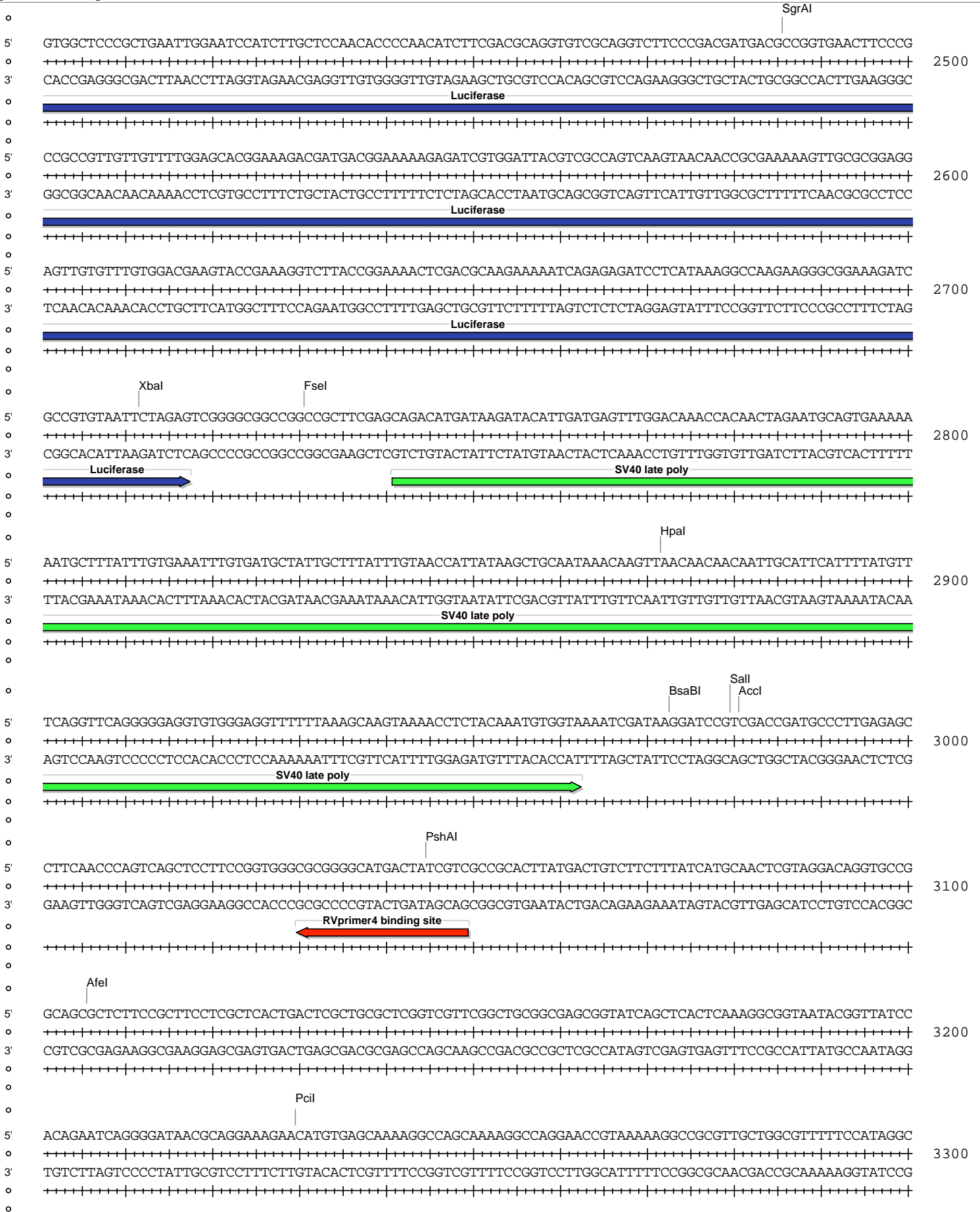
## pGL3Basic.seq

Absent Sites	0	AatII,AbSI,AfIII,Agel,Ajul,Ajul',AleI,Apal,ArSI,ArSI',AscI,AsiSI,AvrII,BaeI,BaeI',BamI,BarI,BarI',BglII,BlpI,BmgBI,BmtI,BsiWI,BsmBI,BssHII,BstAPI,BstEII,BstZ171,CspCI,CspCI',EcoRI,EcoRV,FalI,FalI',FspAI,HindIII,MauBI,MreI,MscI,NdeI,NheI,NruI,NsiI,Pacl,PasI,PflMI,PmeI,PmlI,PspOMI,PspXI,Psrl,Psrl',PstI,RsrII,SacII,SbfI,SexAI,SfiI,SgrDI,SnaBI,SpeI,SrfI,StuI,Swal,Tth111I,XhoI,ZraI
Acc65I	1	2 (5787)
AccI	1	2981 (5787)
AfeI	1	3106 (5787)
AhdI	1	4123 (5787)
Alol	1	5343 (5787)
Alol'	1	5311 (5787)
Asel	1	4295 (5787)
BbeI	1	1094 (5787)
BclI	1	1638 (5787)
BsaAI	1	5272 (5787)
BsaBI	1	2973 (5787)
BsrGI	1	1548 (5787)
BstBI	1	1227 (5787)
BstXI	1	667 (5787)
BtgZI	1	5267 (5787)
DrallI	1	5275 (5787)
EcoCRI	1	10 (5787)
FseI	1	2731 (5787)
HpaI	1	2872 (5787)
KasI	1	1090 (5787)
KpnI	1	6 (5787)
MluI	1	16 (5787)
NarI	1	1091 (5787)
NcoI	1	1056 (5787)
NmeAIII	1	4272 (5787)
NotI	1	5621 (5787)
PciI	1	3230 (5787)
PfoI	1	1165 (5787)
PshAI	1	3045 (5787)
SacI	1	12 (5787)
SalI	1	2980 (5787)
SanDI	1	745 (5787)
SfoI	1	1092 (5787)
SgrAI	1	2486 (5787)
SmaI	1	298 (5787)
SphI	1	1721 (5787)
XbaI	1	2712 (5787)
XcmI	1	1793 (5787)
XmaI	1	296 (5787)
XmnI	1	4722 (5787)











pGL3Basic.seq

5' GCTTCATTTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTCA  
 4500  
 3' CGAAGTAAGTCGAGGCCAAGGGTTGCTAGTTCGGCTCAATGTACTAGGGGGTACAACACGTTTTCGCCAATCGAGGAAGCCAGGAGGCTAGCAACAGT  
 beta-lactamase

5' GAAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGCAGCACTGCATAAATCTTACTGTGCATGCCATCCGTAAGATGCTTTCTGTGACTGGTGA  
 4600  
 3' CTTTCATTCAACCGGCGTCACAATAGTGAGTACCAATACCGTCGTGACGTATTAAGAGAATGACAGTACGGTAGGCATTCACGAAAAGACACTGACCACT  
 beta-lactamase

5' GTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGCGTCAATACGGGATAATACCGGCCACATAGCAGAACTTTA  
 4700  
 3' CATGAGTTGGTTCAGTAAGACTCTTATCACATACGCCGCTGGCTCAACGAGAACGGGCCGAGTTATGCCCTATTATGGCGCGGTGTATCGTCTTGAAT  
 beta-lactamase

XmnI  
 5' AAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAAACCCACTCGTGCACCCAACT  
 4800  
 3' TTTACAGTAGTAACCTTTTGCAAGAAGCCCCGCTTTTGAGAGTTCTAGAAATGGCGACAACCTCTAGGTCAAGCTACATTGGGTGAGCACGTGGGTTGA  
 beta-lactamase

5' GATCTTCAGCATCTTTTACTTTTACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAGGGAATAAGGGCGACACGGAAATGTTG  
 4900  
 3' CTAGAAGTCGTAGAAAATGAAAGTGGTCGCAAAGACCCACTCGTTTTGTCTCCGTTTTTACGGCGTTTTTCCCTTATTCGCCGTGTGCCTTTACAAC  
 beta-lactamase

5' AATACTCATACTCTTCCTTTTCAATATATTGAAGCATTATCAGGGTTATGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAACAA  
 5000  
 3' TTATGAGTATGAGAAGGAAAAAGTTATAAATACTTCGTAATAAGTCCCAATAACAGAGTACTCGCCTATGTATAAACTTACATAAATCTTTTATTGTT  
 beta...amase

5' ATAGGGTTCCGCGCACATTTCCCGAAAAGTCCACCTGACGCGCCCTGTAGCGCGCATTAAGCGCGCGGGTGTGGTGGTTACGCGCAGCGTGACCG  
 5100  
 3' TATCCCAAGGCGCGTGTAAAGGGGCTTTTACGGTGGACTGCGCGGGACATCGCCGCGTAATTCGCGCCGCCACACCACCAATGCGCGTGCCTGCGACTGGC  
 f1 origin

5' CTACACTTGCCAGCGCCTTAGCGCCCGCTCCTTTGCTTCTTCCCTTCTTCTCGCCACGTTGCGCGGCTTTCCCGTCAAGCTCTAAATCGGGGGCT  
 5200  
 3' GATGTGAACGTCGCGGGATCGCGGGCAGGAAAGCGAAAGAAGGAAAGGAAAGAGCGGTGCAAGCGCCGAAAGGGGCAGTTCGAGATTTAGCCCCCGA  
 f1 origin

BtgZI BsaAI DrallI  
 5' CCCTTTAGGGTTCCGATTTAGTGCTTTACGGCACCTCGACCCCAAAAACCTTGATTAGGGTGTGGTTCACGTAGTGGGCCATCGCCCTGATAGACGGTT  
 5300  
 3' GGGAAATCCCAAGGCTAAATCAGGAAATGCCGTGGAGCTGGGGTTTGTGAACTAATCCCACTACCAAGTGCATCACCCGGTAGCGGGACTATCTGCCAA  
 f1 origin

Alol' Alol  
 5' TTTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGACTCTGTGTTCCAAACTGGAACAACACTCAACCCTATCTCGGTCTATTCTTTGATTAT  
 5400  
 3' AAAGCGGAAACTGCAACCTCAGGTGCAAGAAATATCACCTGAGAACAAGGTTTGGACTTGTGTGAGTTGGGATAGAGCCAGATAAGAAAACCTAAATA  
 f1 origin



pGL3Basic.seq

