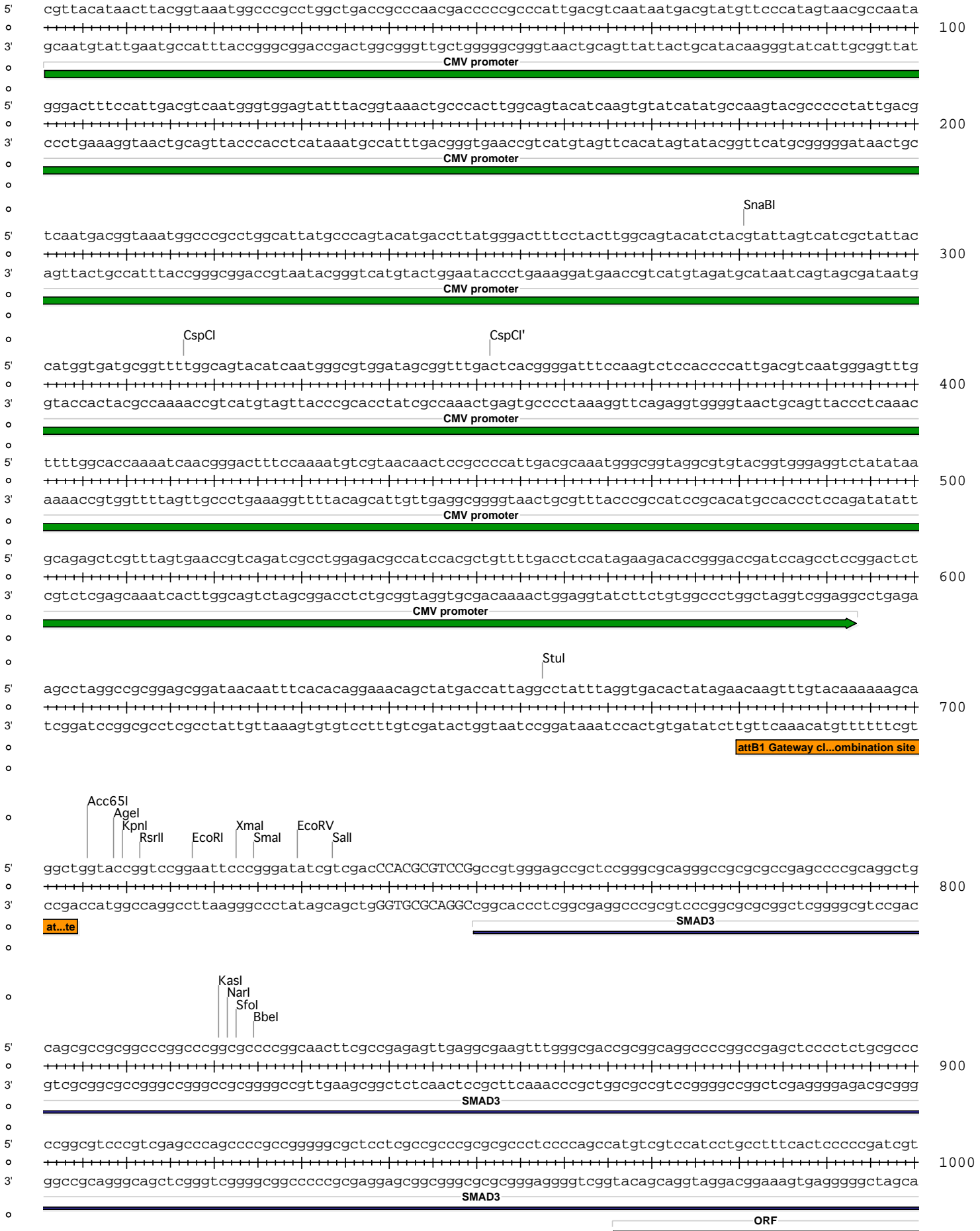


## pCMV-SPORT6-SMAD3

Absent Sites	0	AleI,AscI,AsiSI,BaeI,BaeI',BamHI,BlnI,BmgBI,BsiWI,BstEII,BstZ17I,Bsu36I,EcoNI,Fall,Fall',FseI,FspAI,MauBI,MreI,NruI,Pacl,PasI,PfoI,PmeI,PmlI,PshAI,Psrl,Psrl',SanDI,Sbfl,SexAI,SfiI,SgrAI,SgrDI,SpeI,SphI,SrfI,Swal
AarI	1	1182 (6880)
AbsI	1	3258 (6880)
Acc65I	1	706 (6880)
AflII	1	2501 (6880)
AgeI	1	709 (6880)
AhdI	1	5548 (6880)
AjuI	1	3634 (6880)
AjuI'	1	3602 (6880)
Alol	1	4319 (6880)
Alol'	1	4287 (6880)
ApaI	1	3268 (6880)
BarI	1	3386 (6880)
BarI'	1	3418 (6880)
BbeI	1	825 (6880)
BbvCI	1	2981 (6880)
BclI	1	3651 (6880)
BglII	1	1988 (6880)
BmtI	1	3379 (6880)
Bpu10I	1	2981 (6880)
BsaBI	1	3656 (6880)
BstBI	1	3040 (6880)
CspCI	1	317 (6880)
CspCI'	1	352 (6880)
EcoRI	1	718 (6880)
EcoRV	1	730 (6880)
HindIII	1	3270 (6880)
HpaI	1	3757 (6880)
KasI	1	821 (6880)
KpnI	1	710 (6880)
MfeI	1	3744 (6880)
NarI	1	822 (6880)
NheI	1	3375 (6880)
NotI	1	3239 (6880)
PciI	1	6478 (6880)
PspOMI	1	3264 (6880)
PspXI	1	3258 (6880)
RsrII	1	712 (6880)
SalI	1	734 (6880)
Scal	1	5067 (6880)
SfoI	1	823 (6880)
SmaI	1	725 (6880)
SnaBI	1	281 (6880)
StuI	1	658 (6880)
XbaI	1	3246 (6880)
XcmI	1	2295 (6880)
XhoI	1	3258 (6880)
XmaI	1	723 (6880)

pCMV-SPORT6-SMAD3





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5' ttttttgtccagtctcccaactgtaaccagcgctatggctggcaccggccaccgtctgcaagatcccaccaggatgcaacctgaagatcttcaacaac 2000  
o ++++++  
3' ataaaaacaggtcagaggggtgacattggctcgcgataccgaccgtgggcccgtggcagacgttctaggggggtcctacgttggacttctagaagttgttg

SMAD3

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ORF

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5' caggagttegtgcctcctggcccagtcggtcaaccagggtcttgaggctgtctaccagttgacccgaatgtgcaccatccgcatgagcttcgtcaaag 2100  
o ++++++  
3' gtcctcaagcgacgggaggaccgggtcagccagttggctccgaaactccgacagatggctcaactgggcttacacgtggtaggcgtaactcgaagcagtttc

SMAD3

o

ORF

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5' gctggggagcggagtacaggagacagactgtgaccagtaacccctgctggattgagctgcacctgaatgggctttgagctggcttgacaaggtcctcac 2200  
o ++++++  
3' cgacccctcgcctcatgtcctctgtctgacactggctcatgggggacgacctaacctcgacgtggacttacccggaacgtcaccgaactgttccaggagtg

SMAD3

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ORF

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5' ccagatgggctccccaagcatcgcgtgttccagtggtcttagagacatcaagatggtaggggagggcaggcttggggaaaatggccatgcaggagggtg 2300  
o ++++++  
3' ggtctaccgaggggttcgtagggcacaaggtcacacagaatctctgtagttcataccatcccctcccgtccgaacccttttaccggtacgtcctccac

SMAD3

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ORF

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5' gagaaaattggaactctactcaaccattggtgtcaaggaagaagaaatctttctccctcaactgaaggggtgcaccacactgtttctgaaacacacga 2400  
o ++++++  
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SMAD3

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3' cgtttgggtctccacctacaatacttgtcgacacagacgggttgtgtaaatgggaaaccgggtgaaacttcccgttctttaccgcagacgagaccaccg

SMAD3

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Afill

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o ++++++  
3' aattcactcgtcttgtccatcataatgtggggccgggggaggggggtctgagaaaaaaactcactgtcgaaagaccctacaggtcaggttggctcttg

SMAD3

o

5' acccctctgtctaggactgcagtggtgagttcaccttggaggggcgttctaggtaggaagagcccgaggccatgcagacctcatgccagctctctga 2700  
o ++++++  
3' tggggagacagatcctgacgtcacacctcaagtggaaccttcccgaagatccatccttctcgggctcccgtacgtctggagtacgggtcgagagact

SMAD3

o

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o ++++++  
3' gcgaacactgtcacggagaaggtcacttgaagggtcgggtcggggcggggcggggcgggtggtgaggtcgtctggaacggggaaactcagacctatct

SMAD3

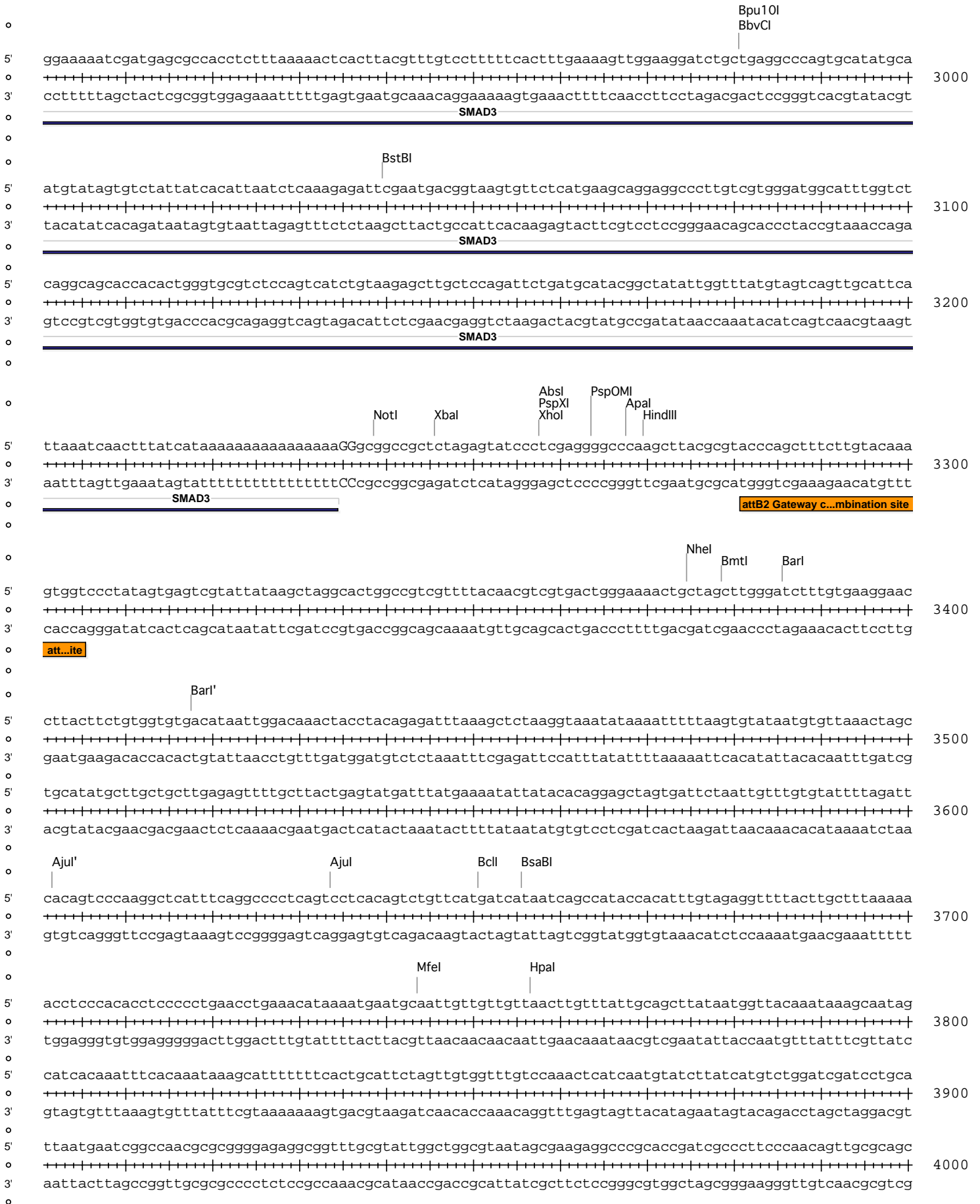
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o ++++++  
3' gaacctaccctccctccctcaaacagacagagggaggggagagttctgtatgactaacctccacgcacaagtctctggacgtgtgtcctgtcgc

SMAD3

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pCMV-SPORT6-SMAD3

