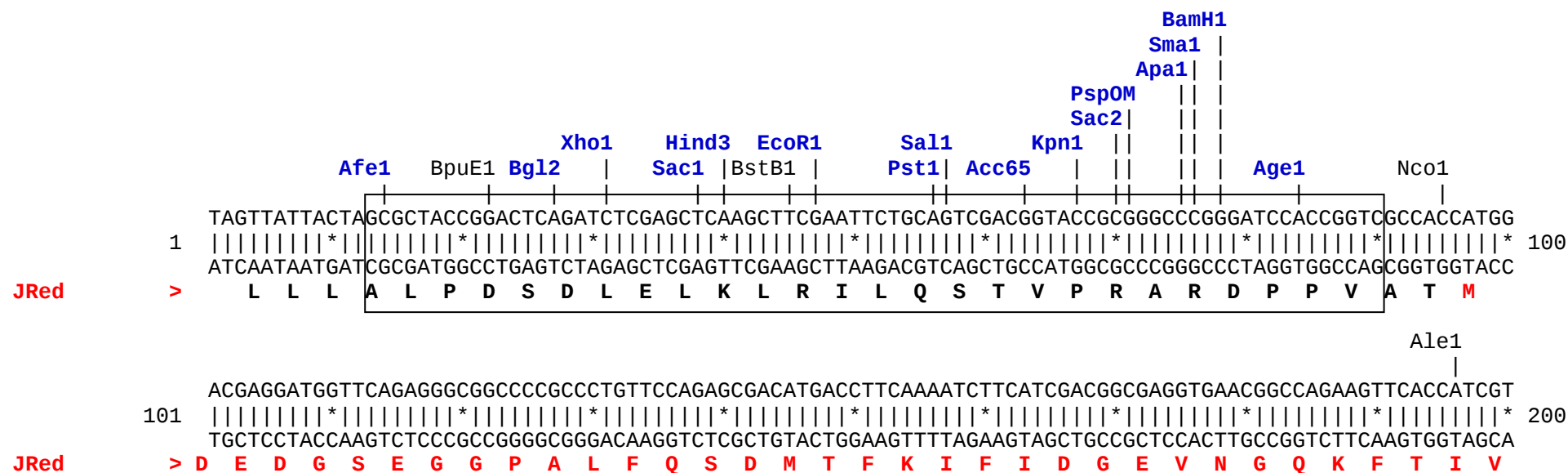


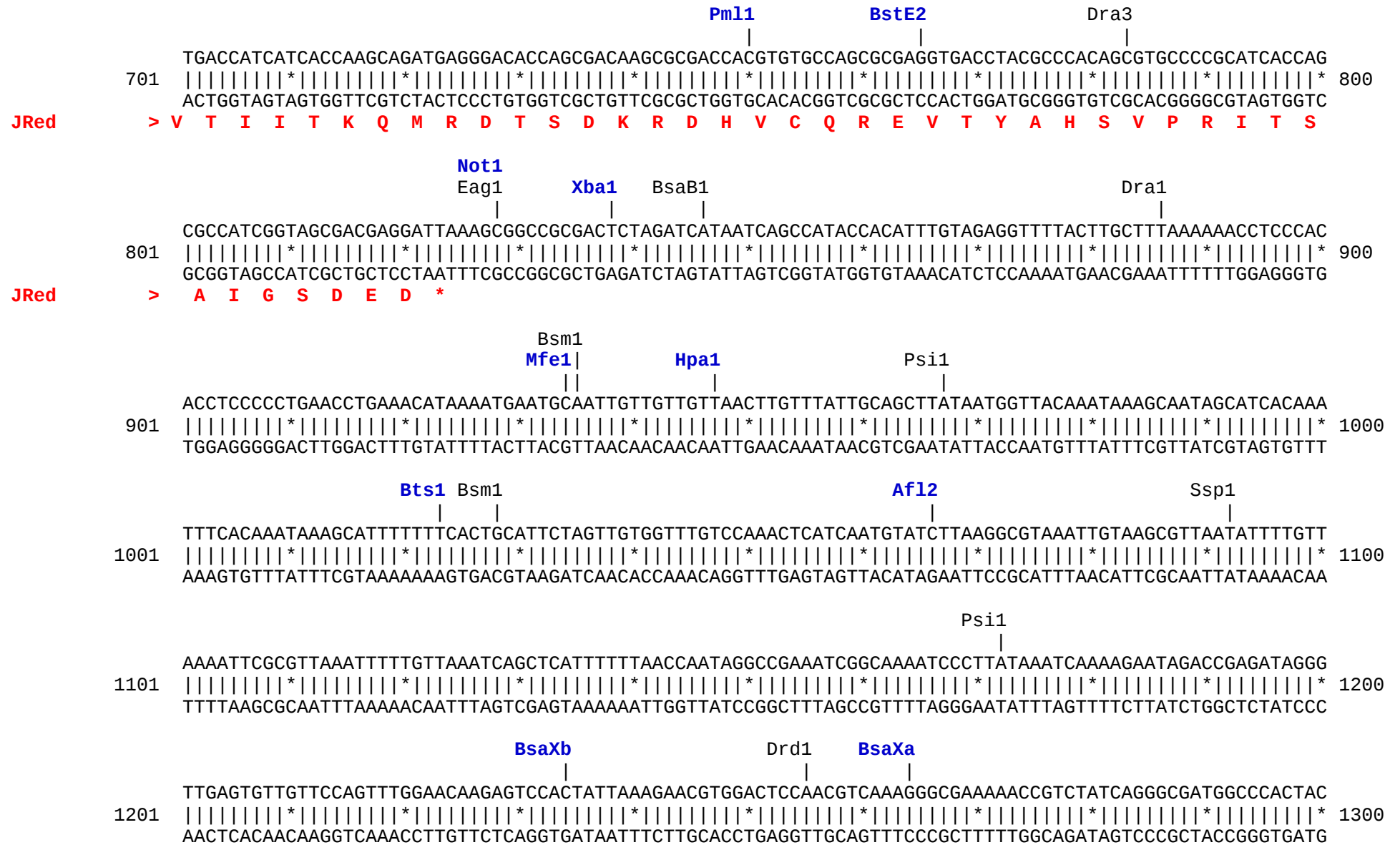
pJRed-PRL vector restriction map

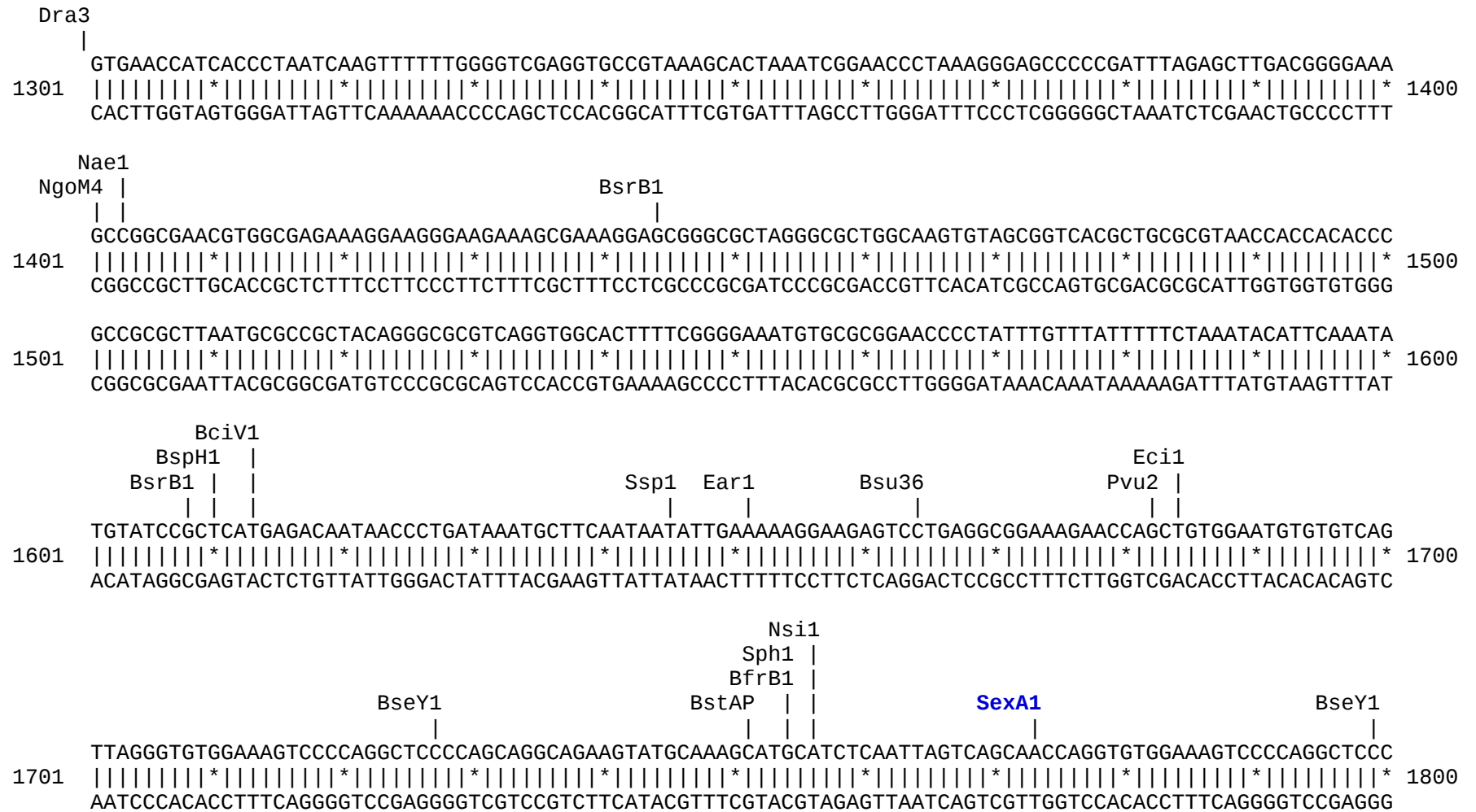
The data has not been verified by restriction digestion with each enzyme listed and does not take into account possible methylation sites. Enzymes that recognize unambiguous sequences less than 6 basepairs long are not included – for the more complete enzyme list please refer to the Table of restriction sites.

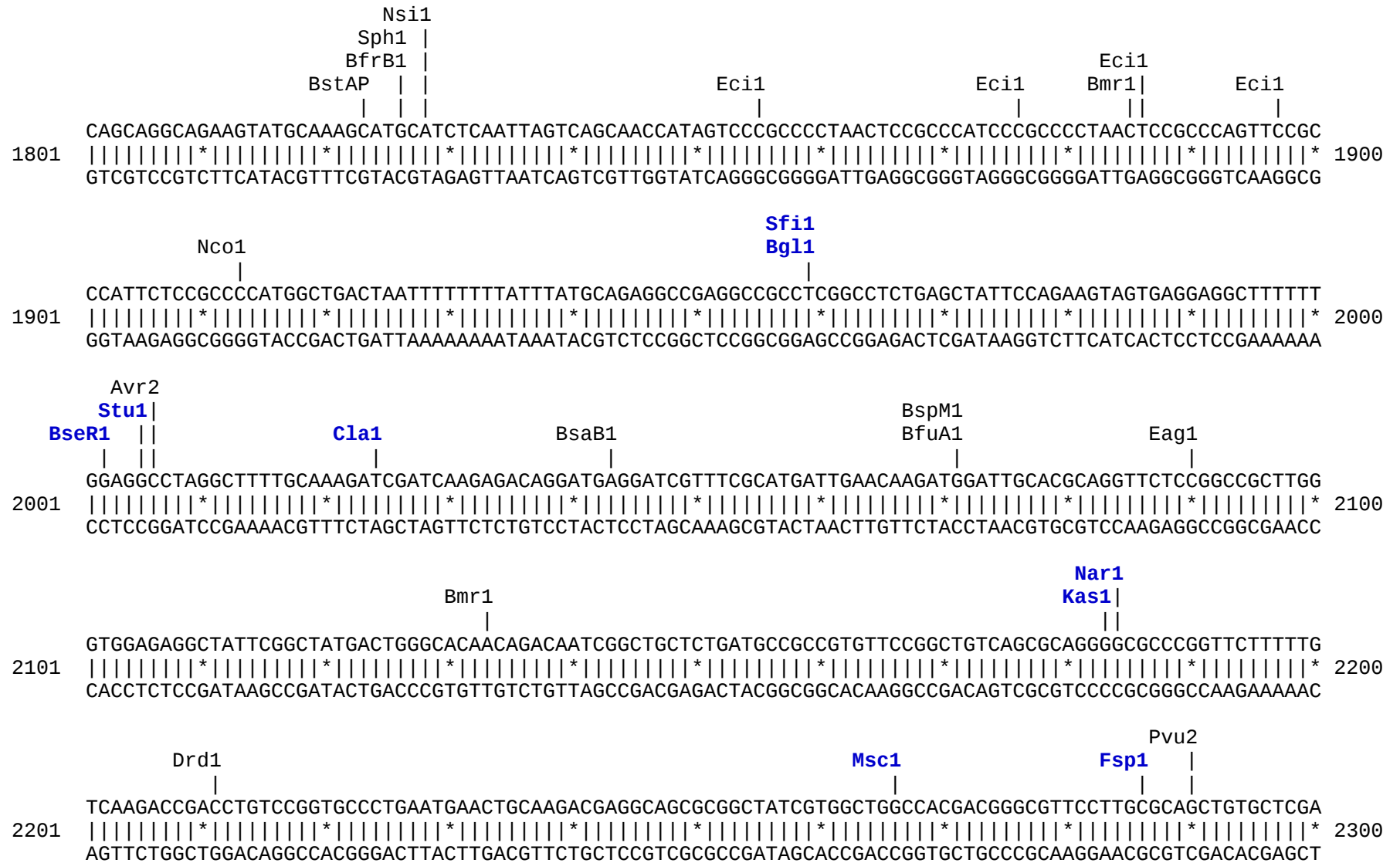
Unique sites shown in bold blue. The location given specifies the 3' end of the cut DNA (the base to the left of the cut site).

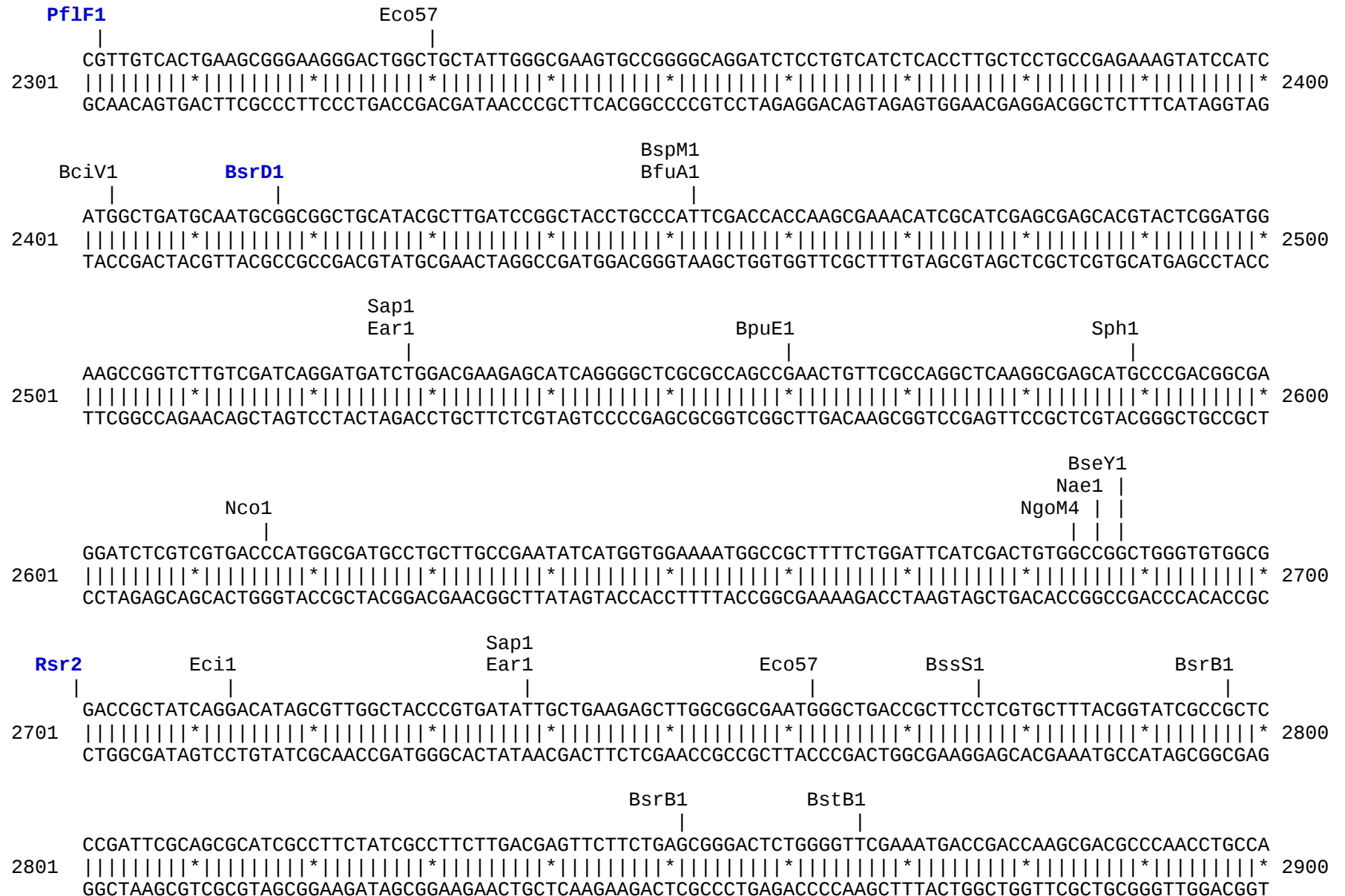
MCS sequence shown in frame, amino acids coded by MCS shown in black.












```

                                Nsi1
                                BfrB1 |
                                | |
BspLU |
|
CACATGTTCTTTCTGCGTTATCCCCTGATTCTGTGGATAACCGTATTACCGCCATGCAT
4101 |||||*|||||*|||||*|||||*|||||*|||||* 4160
      GTGTACAAGAAAGGACGCAATAGGGGACTAAGACACCTATTGGCATAATGGCGGTACGTA

```

Found:

Aar1	Acc65	Afe1	Afl2	Age1	Ale1	AlwN1	Apa1	ApaL1	Avr2	BamH1	BciV1	BfrB1	BfuA1
Bgl1	Bgl2	Bmr1	Bpm1	Bpu10	BpuE1	Bsa1	BsaB1	BsaXa	BsaXb	BseR1	BseY1	Bsm1	BspH1
BspLU	BspM1	BsrB1	BsrD1	BssS1	BstAP	BstB1	BstE2	Bsu36	Bts1	_Chi	Cla1	Dra1	Dra3
Drd1	Eag1	Ear1	Eci1	Eco57	EcoR1	Fsp1	Hind3	Hpa1	Kas1	Kpn1	Mfe1	Msc1	Nae1
Nar1	Nco1	NgoM4	Not1	Nsi1	PflF1	PflM1	Pml1	Psi1	PspOM	Pst1	Pvu2	Rsr2	Sac1
Sac2	Sal1	Sap1	SexA1	Sfi1	Sma1	Sph1	Ssp1	Stu1	Xba1	Xho1			

Unique:

Aar1	Acc65	Afe1	Afl2	Age1	Apa1	BamH1	Bgl1	Bgl2	Bpu10	BsaXa	BsaXb	BseR1	BsrD1
BstE2	Bts1	_Chi	Cla1	EcoR1	Fsp1	Hind3	Hpa1	Kas1	Kpn1	Mfe1	Msc1	Nar1	Not1
PflF1	Pml1	PspOM	Pst1	Rsr2	Sac1	Sac2	Sal1	SexA1	Sfi1	Sma1	Stu1	Xba1	Xho1

Not found:

Aat2	Acl1	Ahd1	Asc1	Ase1	AsiS1	Bae1a	Bae1b	Bbs1	BbvC1	Bcg1a	Bcg1b	Bcl1	Blp1
BmgB1	Bsg1	BsiW1	BsmB1	BspE1	BsrG1	BssH2	BstX1	BstZ1	EcoK	EcoN1	EcoRV	ScFRT	Fse1
FspA1	I_Ceu	loxP	Mlu1	Nde1	Nhe1	Nru1	Pac1	Pme1	PshA1	Pvu1	SanD1	Sbf1	Sca1
Sgf1	SgrA1	SnaB1	Spe1	Srf1	Swa1	PISce	Xcm1	Xmn1					

Excluded by site complexity:

Acc1	Aci1	Afl3	Alu1	Alw1	Apo1	Ava1	Ava2	Ban1	Ban2	Bbv1	BceA1	Bfa1	Bme15
BsaA1	BsaH1	BsaJ1	BsaW1	BseM2	BsiE1	BsiH1	Bsl1	BsmA1	BsmF1	Bsp12	BspCa	BspCb	Bsr1
BsrF1	BssK1	BstF5	BstN1	BstU1	BstY1	Btg1	Cac8	CviJ1	Dde1	Eae1	Eco01	Fau1	Fnu4H
Fok1	Hae2	Hae3	Hga1	Hha1	Hinc2	Hinf1	HinP1	Hpa2	Hph1	Hpy99	Hpy1	Hpy3	HpyC3
HpyC4	HpyC5	Mae3	Mbo2	Mnl1	Mse1	Msl1	MspA1	Mwo1	Nci1	Nla3	Nla4	Nsp1	Ple1
PpuM1	Rsa1	Sau3A	Sau96	SfaN1	Sfc1	Sml1	Sty1	Taq1	Tat1	Tfi1	Tse1	Tsp45	Tsp50
TspR1													