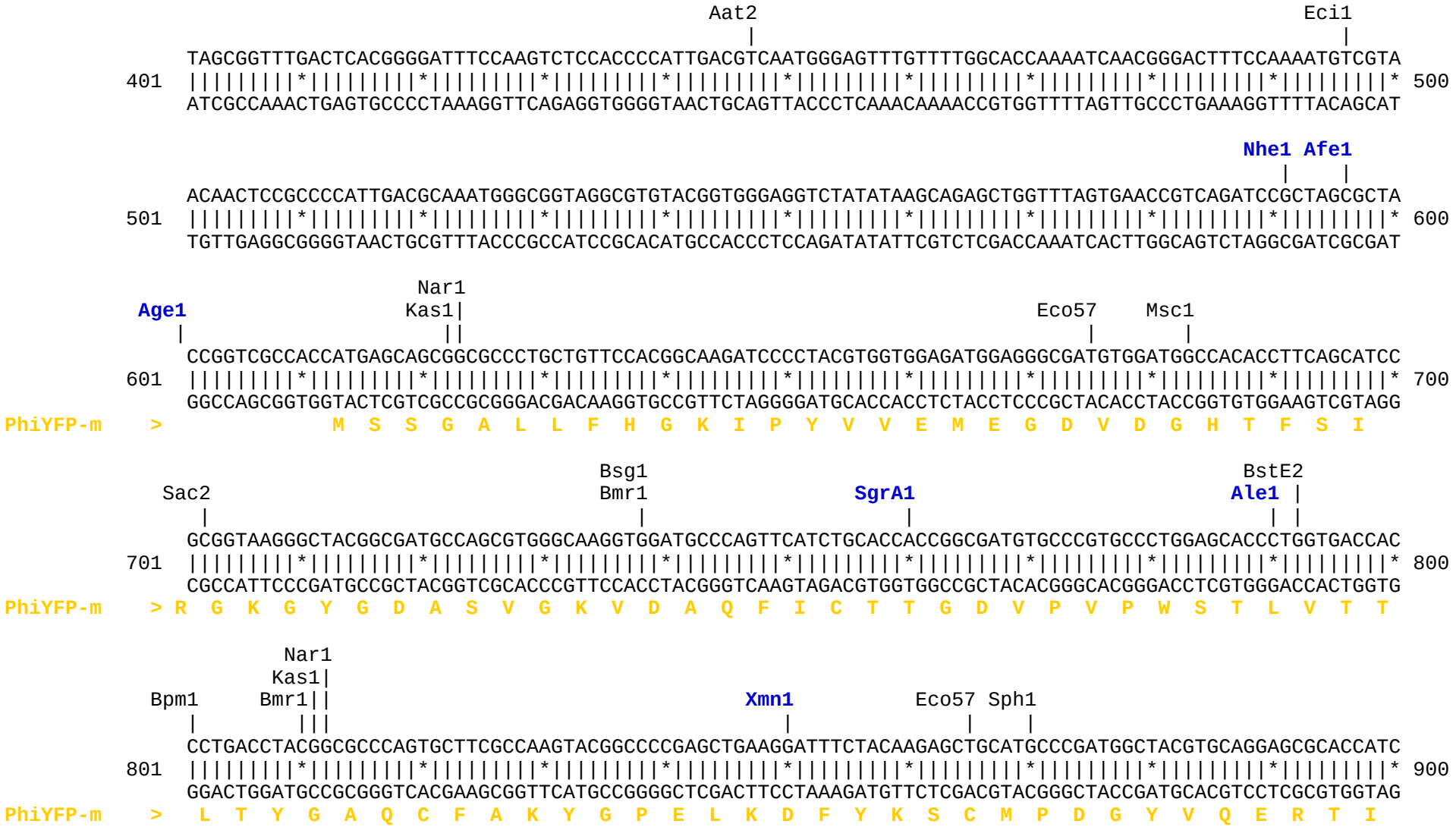
pPhi-Yellow-peroxi vector restriction map

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).

Amino acids of peroximal targeting signal are shown in black.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Age1
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Msc1
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Bmr1
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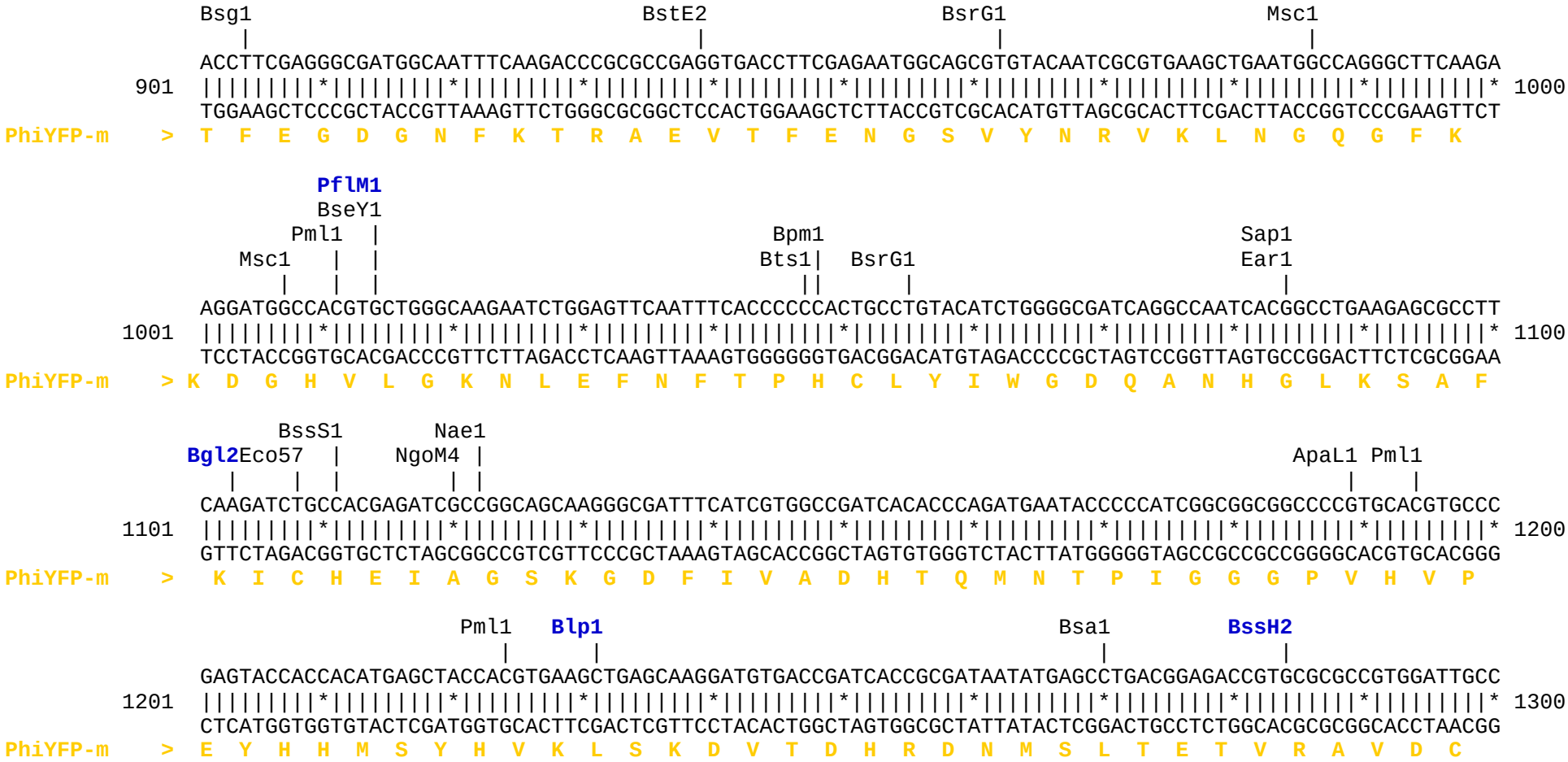
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Pml1
Bpm1
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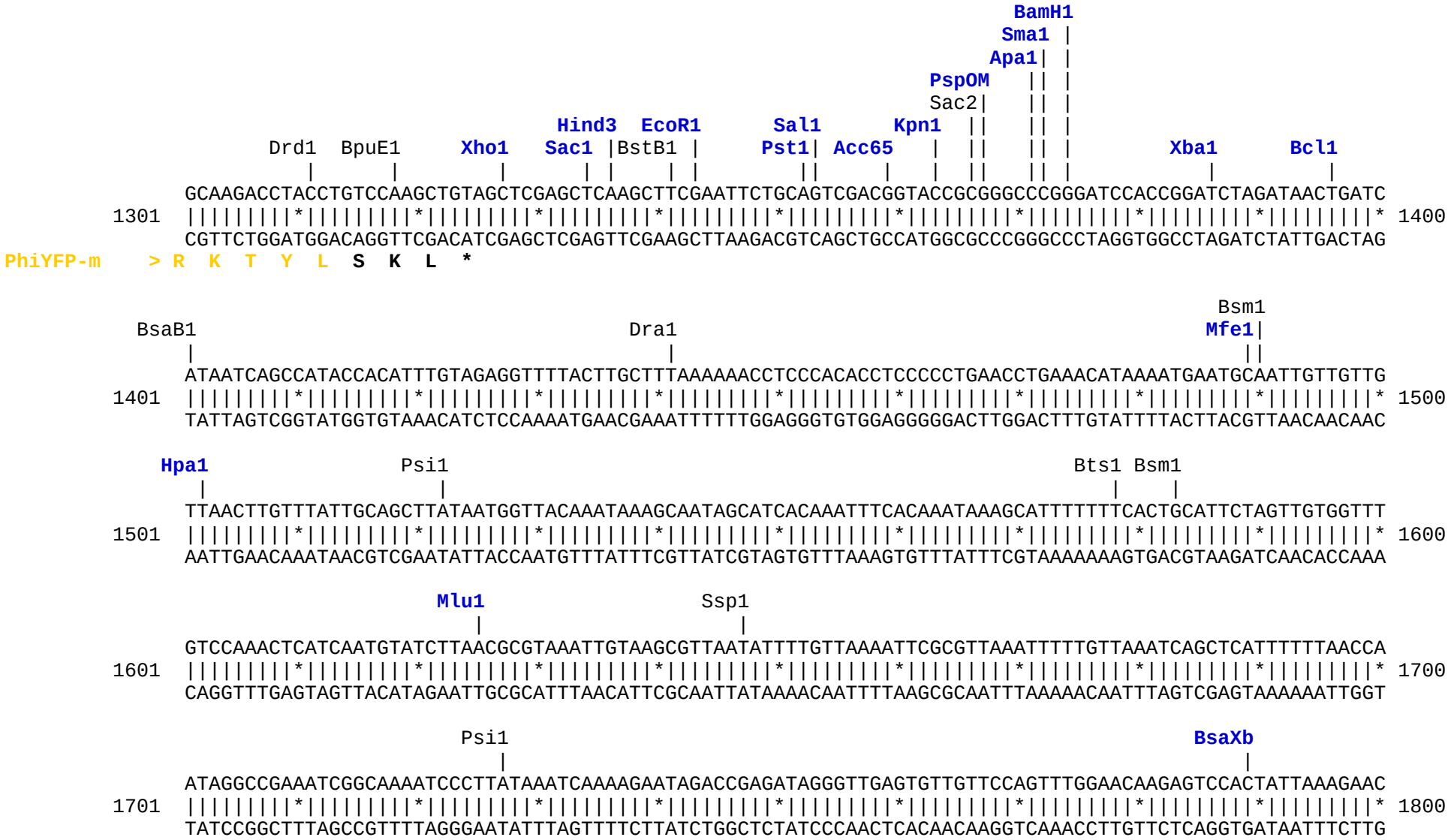
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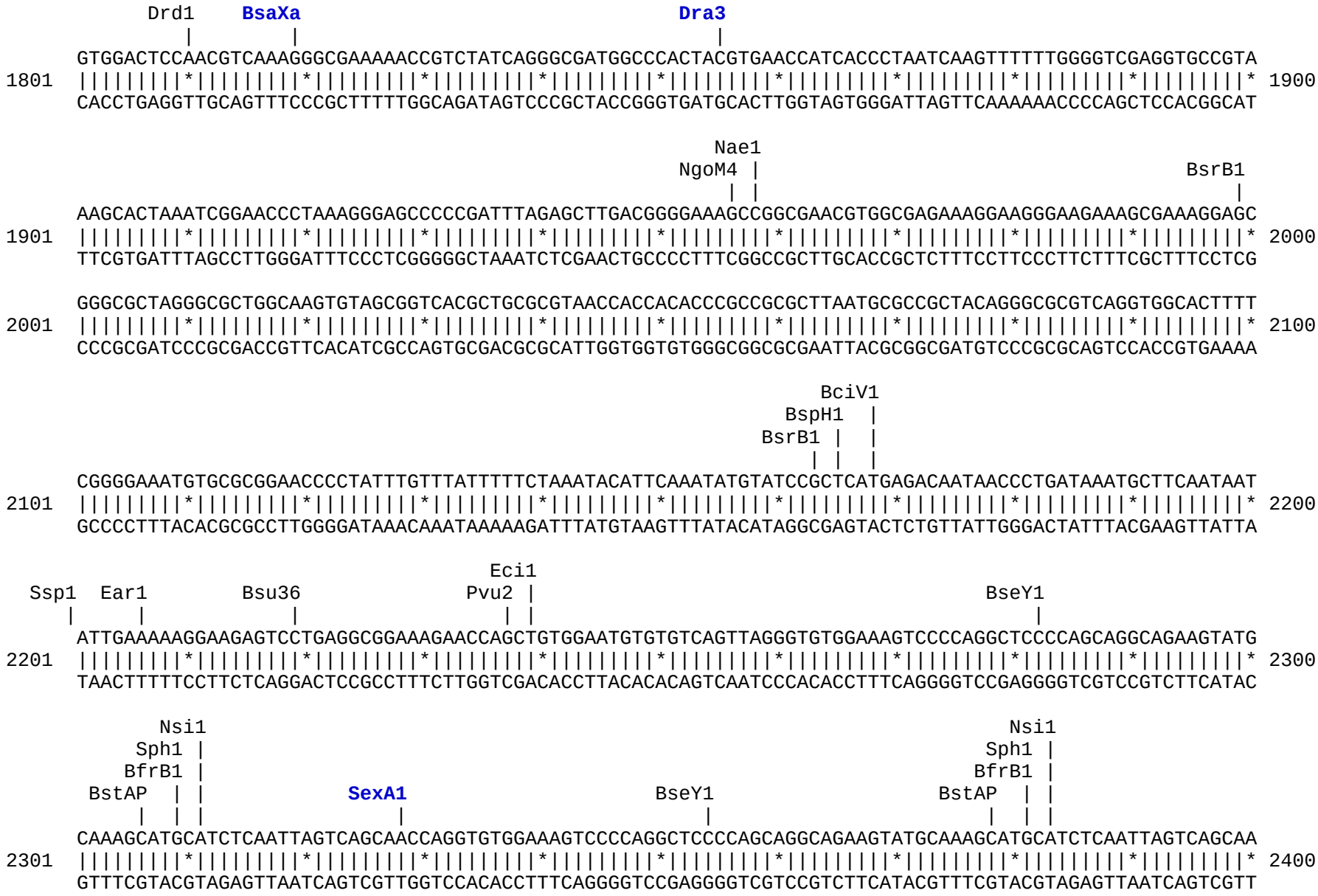
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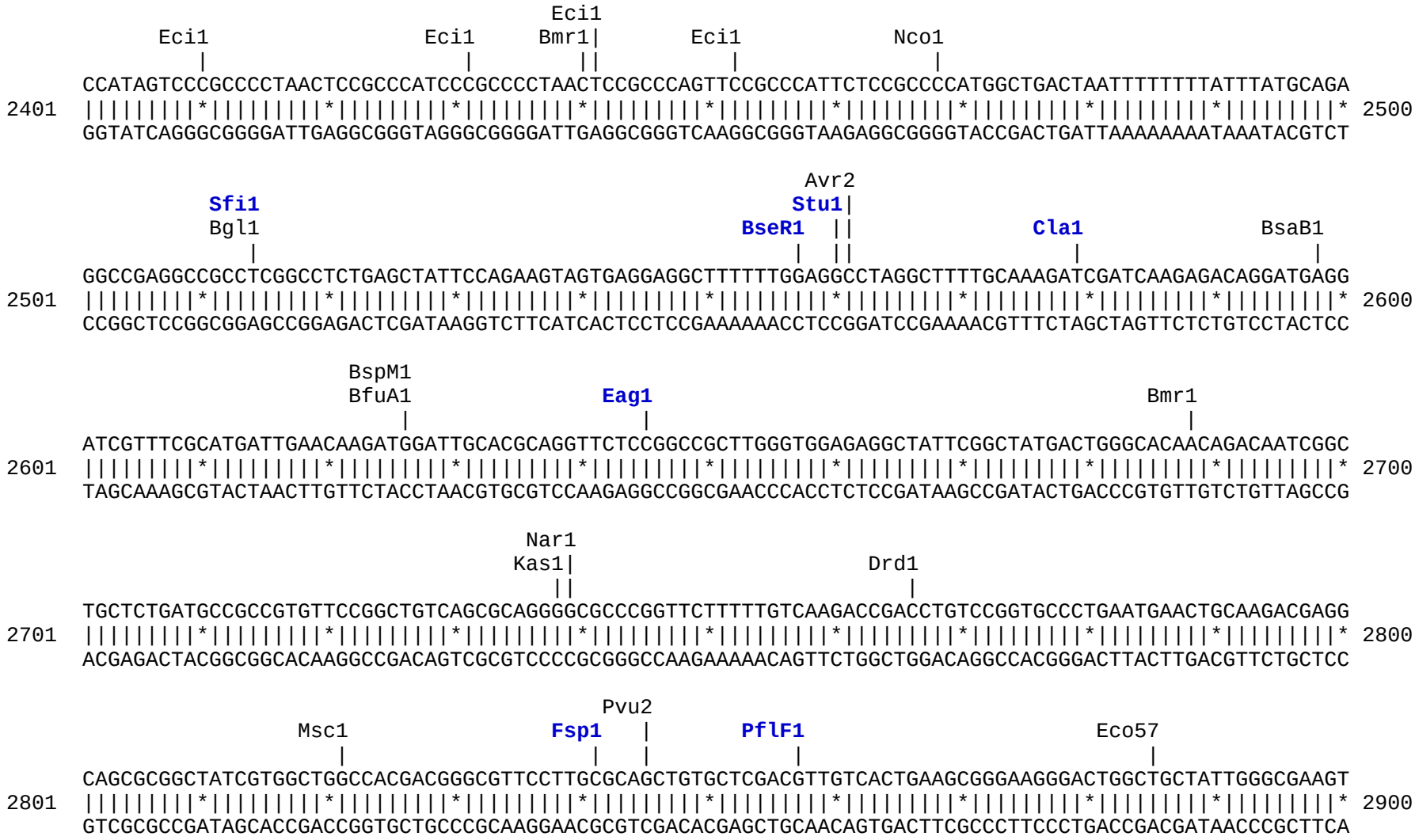
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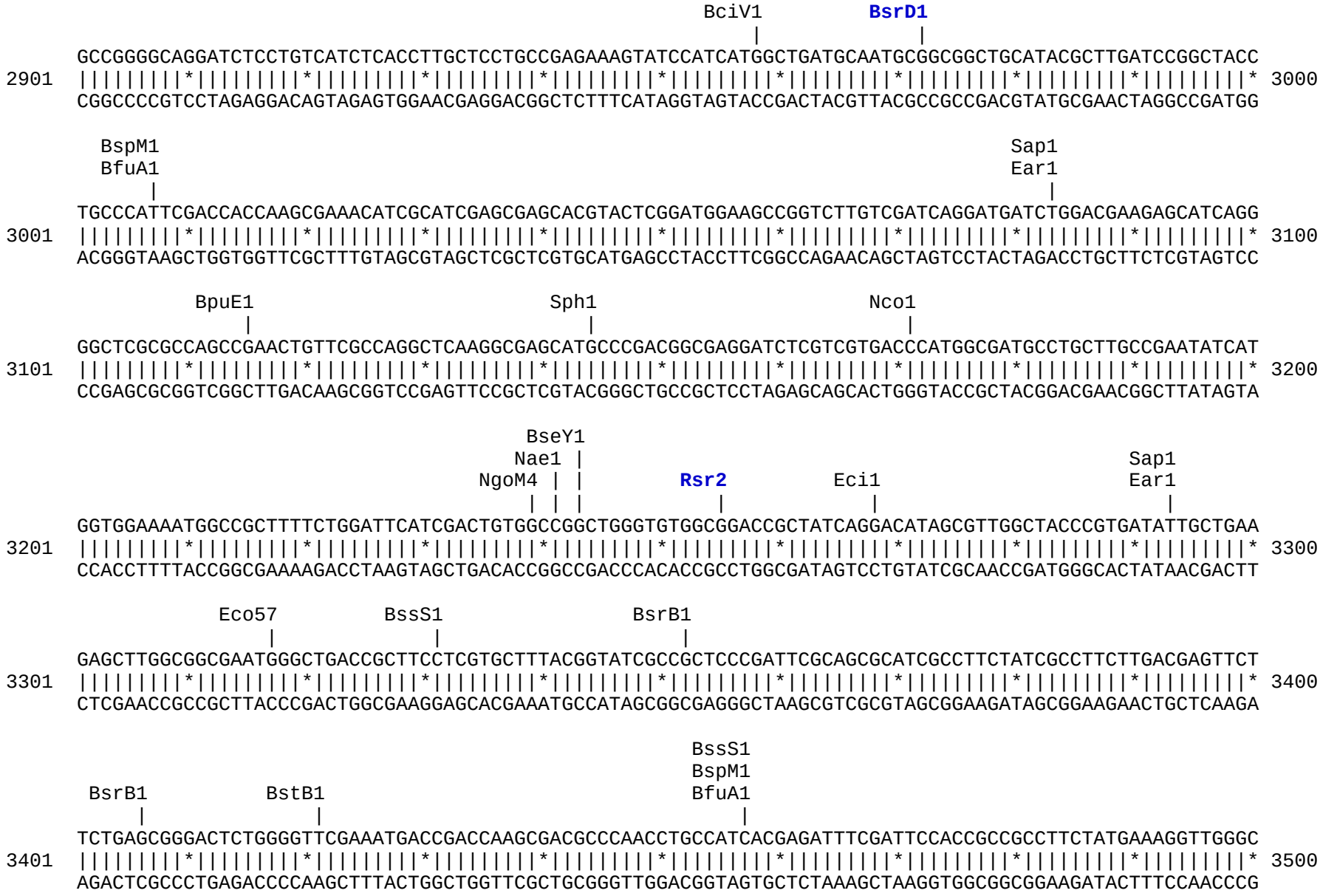
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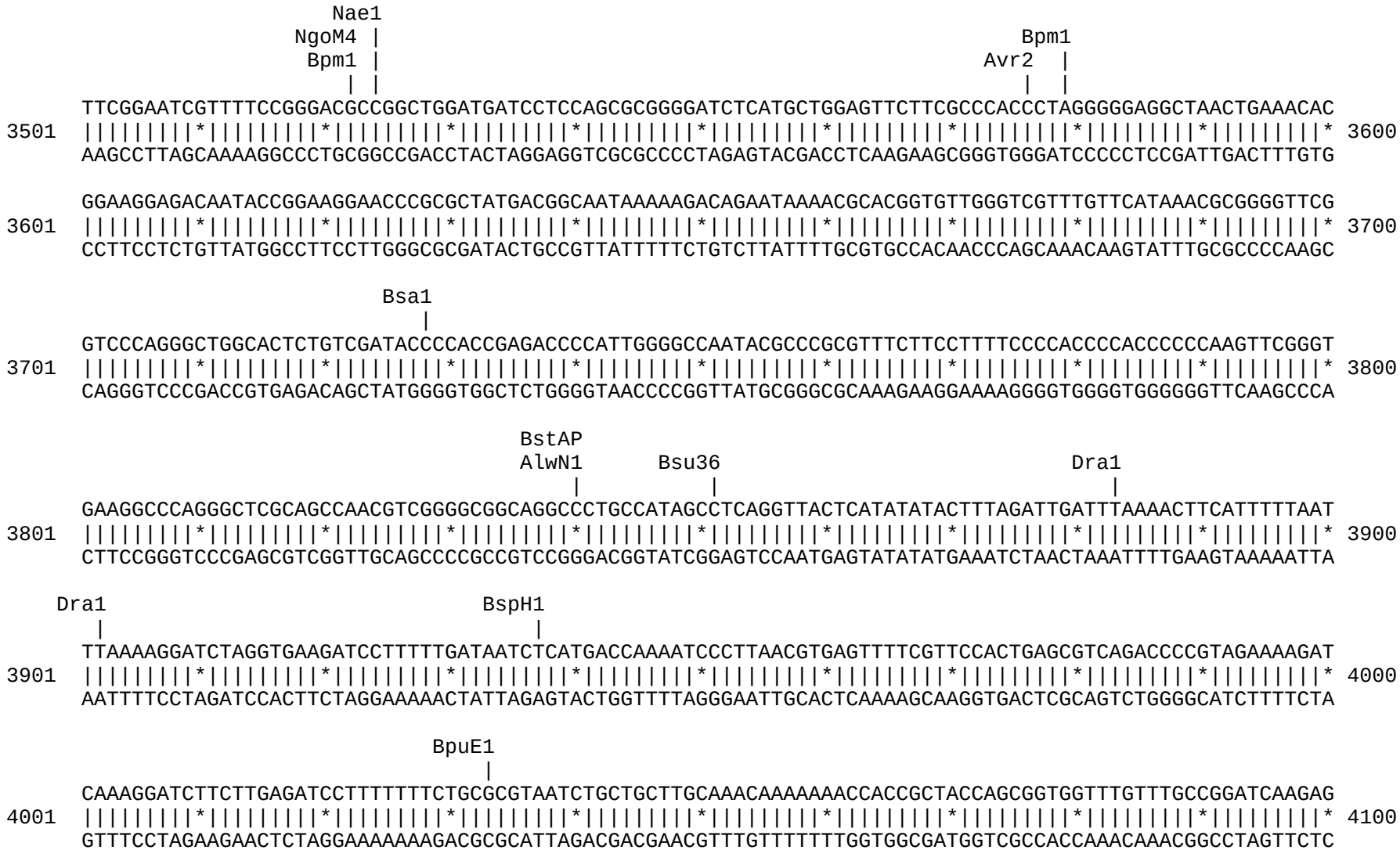
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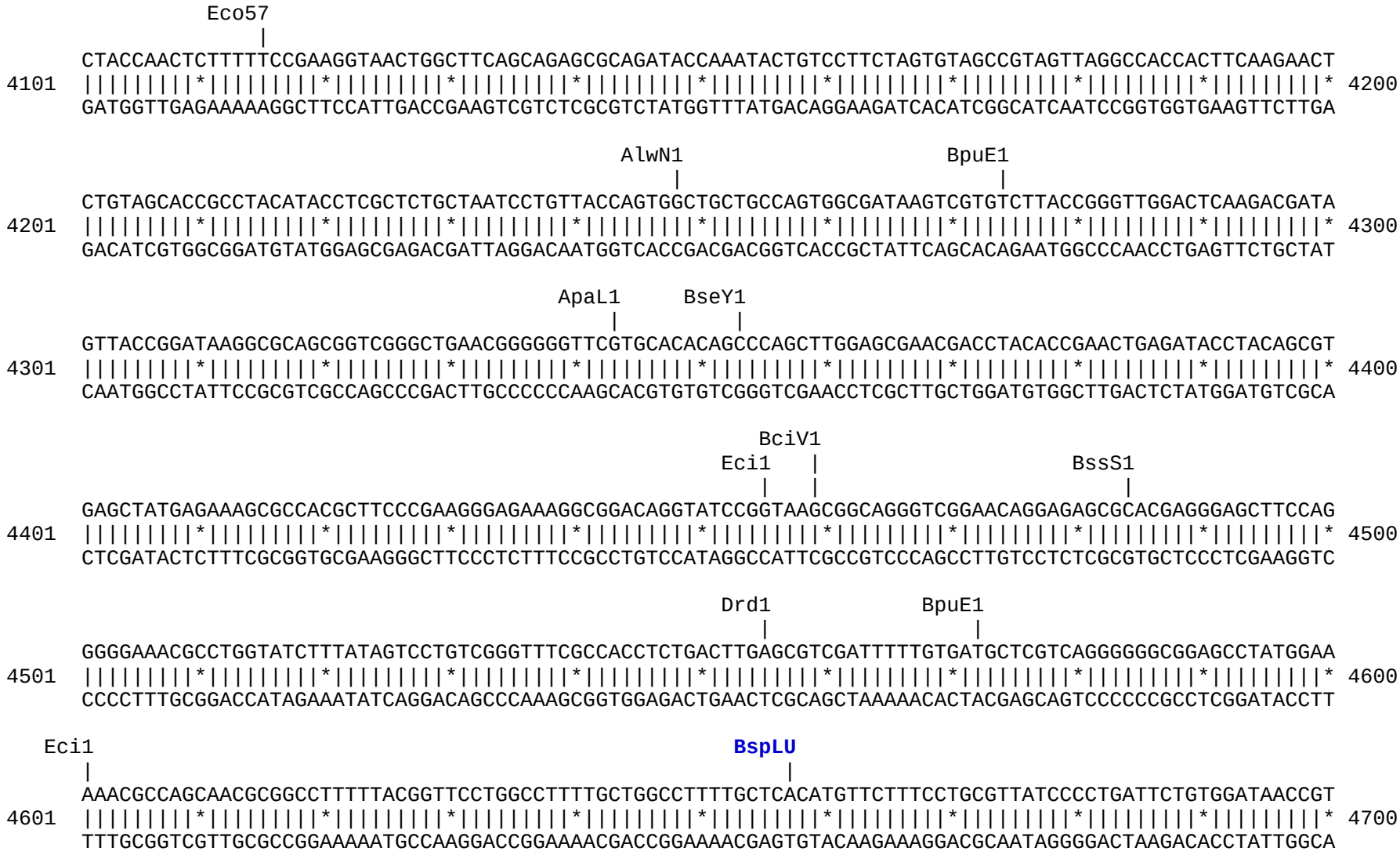
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Found:

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BfuA1	Bgl1	**Bgl2**	**Blp1**	Bmr1	Bpm1	BpuE1	Bsa1	BsaB1	**BsaXa**	**BsaXb**	**BseR1**	BseY1	Bsg1
Bsm1	BspH1	**BspLU**	BspM1	BsrB1	**BsrD1**	BsrG1	**BssH2**	BssS1	BstAP	BstB1	BstE2	Bsu36	Bts1
Cla1	Dra1	**Dra3**	Drd1	**Eag1**	Ear1	Eci1	Eco57	**EcoR1**	**Fsp1**	**Hind3**	**Hpa1**	Kas1	**Kpn1**
Mfe1	**Mlu1**	Msc1	Nae1	Nar1	Nco1	**Nde1**	NgoM4	**Nhe1**	Nsi1	**PflF1**	**PflM1**	Pml1	Psi1
PspOM	**Pst1**	Pvu2	**Rsr2**	**Sac1**	Sac2	**Sal1**	Sap1	**SexA1**	**Sfi1**	**SgrA1**	**Sma1**	**SnaB1**	Sph1
Ssp1	**Stu1**	**Xba1**	**Xho1**	**Xmn1**									

Unique:

Acc65	**Afe1**	**Age1**	**Ale1**	**Apa1**	**Ase1**	**BamH1**	**Bcl1**	**Bgl2**	**Blp1**	**BsaXa**	**BsaXb**	**BseR1**	**BspLU**
BsrD1	**BssH2**	**Cla1**	**Dra3**	**Eag1**	**EcoR1**	**Fsp1**	**Hind3**	**Hpa1**	**Kpn1**	**Mfe1**	**Mlu1**	**Nde1**	**Nhe1**
PflF1	**PflM1**	**PspOM**	**Pst1**	**Rsr2**	**Sac1**	**Sal1**	**SexA1**	**Sfi1**	**SgrA1**	**Sma1**	**SnaB1**	**Stu1**	**Xba1**
Xho1	**Xmn1**												

Not found:

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Not1	Nru1	Pac1	Pme1	PshA1	Pvu1	SanD1	Sbf1	Sca1	Sgf1	Spe1	Srf1	Swa1	PISce
Xcm1													

Excluded by site complexity:

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BsrF1	BssK1	BstF5	BstN1	BstU1	BstY1	Btg1	Cac8	CviJ1	Dde1	Eae1	EcoO1	Fau1	Fnu4H
Fok1	Hae2	Hae3	Hga1	Hha1	Hinc2	Hinf1	HinP1	Hpa2	Hph1	Hpy99	Hpy1	Hpy3	HpyC3
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PpuM1	Rsa1	Sau3A	Sau96	SfaN1	Sfc1	Sml1	Sty1	Taq1	Tat1	Tfi1	Tse1	Tsp45	Tsp50
TspR1													