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                                Bsg1
                                Bmr1
                                SgrA1
                                BstE2
                                Ale1
                                Bpm1
                                Nar1
                                Kas1
                                Bmr1
801  GGTGGATGCCAGTTCATCTGCACCACCGGCGATGTGCCCGTGCCCTGGAGCACCCCTGGTGACCACCCCTGACCTACGGCGCCCAGTGCTTCGCCAAGTAC
    |||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||* 900
    CCACCTACGGGTCAAGTAGACGTGGTGGCCGCTACACGGGCACGGGACCTCGTGGGACCACTGGTGGGACTGGATGCCCGGGGTCACGAAGCGGTTTCATG
PhiYFP-m > V D A Q F I C T T G D V P V P W S T L V T T L T Y G A Q C F A K Y

                                Xmn1
                                Eco57
                                Sph1
                                Bsg1
901  GGCCCCGAGCTGAAGGATTTCTACAAGAGCTGCATGCCCGATGGCTACGTGCAGGAGCGCACCATCACCTTCGAGGGCGATGGCAATTTCAAGACCCGCG
    |||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||* 1000
    CCGGGGCTCGACTTCCTAAAGATGTTCTCGACGTACGGGCTACCGATGCACGTCTCGCGTGGTAGTGGAAGCTCCCGCTACCGTTAAAGTTCTGGGCGC
PhiYFP-m > G P E L K D F Y K S C M P D G Y V Q E R T I T F E G D G N F K T R

                                PflM1
                                BseY1
                                Pml1
                                Msc1
                                Msc1
                                BstE2
                                BsrG1
                                Msc1
                                Pml1
                                BseY1
1001  CCGAGGTGACCTTCGAGAATGGCAGCGTGTACAATCGCGTGAAGCTGAATGGCCAGGGCTTCAAGAAGGATGGCCACGTGCTGGGCAAGAATCTGGAGTT
    |||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||* 1100
    GGCTCCACTGGAAGCTCTTACCGTGCACATGTTAGCGCACTTTCGACTTACCGGTCCCAGTTCCTTCTTACCGGTGCACGACCCGTTCTTAGACCTCAA
PhiYFP-m > A E V T F E N G S V Y N R V K L N G Q G F K K D G H V L G K N L E F

                                Bpm1
                                Bts1
                                BsrG1
                                Sap1
                                Ear1
                                Bgl2Eco57
                                BssS1
                                Nae1
                                NgoM4
1101  CAATTTCAACCCCCACTGCCTGTACATCTGGGGCGATCAGGCCAATCACGGCCTGAAGAGCGCCTTCAAGATCTGCCACGAGATCGCCGGCAGCAAGGGC
    |||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||* 1200
    GTTAAAGTGGGGGGTGACGGACATGTAGACCCCGCTAGTCCGGTTAGTGCCGGACTTCTCGCGGAAGTTCTAGACGGTGCTCTAGCGGCCGTCGTTCCCG
PhiYFP-m > N F T P H C L Y I W G D Q A N H G L K S A F K I C H E I A G S K G

                                ApaL1
                                Pml1
                                Pml1
                                Blp1
1201  GATTTTCATCGTGGCCGATCACACCCAGATGAATACCCCCATCGGCGGGCGGCCCGTGCACGTGCCCGAGTACCACCACATGAGCTACCACGTGAAGCTGA
    |||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||*|||||||* 1300
    CTAAAGTAGCACCGGCTAGTGTGGGTCTACTTATGGGGGTAGCCGCCGCCGGGGCACGTGCACGGGCTCATGGTGGTGTACTCGATGGTGCACCTTCGACT
PhiYFP-m > D F I V A D H T Q M N T P I G G G P V H V P E Y H H M S Y H V K L

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          Ecil          Sap1          Eco57          BssS1          BsrB1
          |             |             |             |             |
TATCAGGACATAGCGTTGGCTACCCGTGATATTGCTGAAGAGCTTGGCGGCGAATGGGCTGACCGCTTCCTCGTGCTTTACGGTATCGCCGCTCCCGATT
3401 |||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||* 3500
ATAGTCCTGTATCGCAACCGATGGGCACTATAACGACTTCTCGAACCGCCGCTTACCCGACTGGCGAAGGAGCACGAAATGCCATAGCGGCGAGGGCTAA

          BsrB1          BstB1          BssS1          BspM1          BfuA1
          |             |             |             |             |
CGCAGCGCATCGCCTTCTATCGCCTTCTTGACGAGTTCTTCTGAGCGGGACTCTGGGGTTCGAAATGACCGACCAAGCGACGCCAACCTGCCATCACGA
3501 |||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||* 3600
GCGTCGCGTAGCGGAAGATAGCGGAAGAACTGCTCAAGAAGACTCGCCCTGAGACCCCAAGCTTTACTGGCTGGTTCGCTGCGGGTTGGACGGTAGTGCT

          NaeI
          NgoM4
          Bpm1
          |
GATTTTCGATTCCACCGCCGCTTCTATGAAAGGTTGGGCTTTCGGAATCGTTTTTCCGGGACGCCGGCTGGATGATCCTCCAGCGCGGGGATCTCATGCTGG
3601 |||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||* 3700
CTAAAGCTAAGGTGGCGGCGGAAGATACTTTCCAACCCGAAGCCTTAGCAAAAGGCCCTGCGGCCGACCTACTAGGAGGTGCGGCCCTAGAGTACGACC

          Bpm1
          Avr2
          |
AGTTCTTCGCCCACCCTAGGGGGAGGCTAACTGAAACACGGAAGGAGACAATACCGGAAGGAACCCGCGCTATGACGGCAATAAAAAGACAGAATAAAAC
3701 |||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||* 3800
TCAAGAAGCGGGTGGGATCCCCCTCCGATTGACTTTGTGCCTTCCTCTGTTATGGCCTTCCTTGGGCGCGATACTGCCGTTATTTTTCTGTCTTATTTTG

          Bsa1
          |
GCACGGTGTGGGTCGTTTGTTCATAAACCGGGGTTCCGGTCCCAGGGCTGGCACTCTGTGATACCCACCGAGACCCCATTTGGGGCCAATACGCCCGC
3801 |||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||*||||||* 3900
CGTGCCACAACCCAGCAAACAAGTATTTGCGCCCCAAGCCAGGGTCCCACCCTGAGACAGCTATGGGGTGGCTCTGGGGTAACCCCGGTTATGCGGGCG
```







Found:

Aat2	<b>Acc65</b>	<b>Afe1</b>	<b>Afl2</b>	<b>Age1</b>	<b>Ale1</b>	AlwN1	<b>Apa1</b>	ApaL1	<b>Ase1</b>	Avr2	<b>BamH1</b>	BciV1	BfrB1
BfuA1	Bgl1	Bgl2	<b>Blp1</b>	Bmr1	Bpm1	BpuE1	Bsa1	BsaB1	<b>BsaXa</b>	<b>BsaXb</b>	<b>BseR1</b>	BseY1	Bsg1
Bsm1	BspH1	<b>BspLU</b>	BspM1	BsrB1	<b>BsrD1</b>	BsrG1	<b>BssH2</b>	BssS1	BstAP	BstB1	BstE2	Bsu36	Bts1
<b>Cla1</b>	Dra1	<b>Dra3</b>	Drd1	Eag1	Ear1	Eci1	Eco57	<b>EcoR1</b>	<b>EcoRV</b>	<b>Fsp1</b>	<b>Hind3</b>	<b>Hpa1</b>	Kas1
<b>Kpn1</b>	<b>Mfe1</b>	Msc1	Nae1	Nar1	Nco1	<b>Nde1</b>	NgoM4	<b>Nhe1</b>	Nsi1	<b>PflF1</b>	<b>PflM1</b>	Pml1	Psi1
<b>PspOM</b>	Pst1	Pvu2	<b>Rsr2</b>	<b>Sac1</b>	Sac2	<b>Sal1</b>	Sap1	<b>SexA1</b>	<b>Sfi1</b>	SgrA1	<b>Sma1</b>	<b>SnaB1</b>	Sph1
Ssp1	<b>Stu1</b>	<b>Xba1</b>	Xho1	<b>Xmn1</b>									

Unique:

<b>Acc65</b>	<b>Afe1</b>	<b>Afl2</b>	<b>Age1</b>	<b>Ale1</b>	<b>Apa1</b>	<b>Ase1</b>	<b>BamH1</b>	<b>Blp1</b>	<b>BsaXa</b>	<b>BsaXb</b>	<b>BseR1</b>	<b>BspLU</b>	<b>BsrD1</b>
<b>BssH2</b>	<b>Cla1</b>	<b>Dra3</b>	<b>EcoR1</b>	<b>EcoRV</b>	<b>Fsp1</b>	<b>Hind3</b>	<b>Hpa1</b>	<b>Kpn1</b>	<b>Mfe1</b>	<b>Nde1</b>	<b>Nhe1</b>	<b>PflF1</b>	<b>PflM1</b>
<b>PspOM</b>	<b>Rsr2</b>	<b>Sac1</b>	<b>Sal1</b>	<b>SexA1</b>	<b>Sfi1</b>	<b>Sma1</b>	<b>SnaB1</b>	<b>Stu1</b>	<b>Xba1</b>	<b>Xmn1</b>			

Not found:

Aar1	Ac11	Ahd1	Asc1	AsiS1	Baela	Baelb	Bbs1	BbvC1	Bcg1a	Bcg1b	Bcl1	BmgB1	Bpu10
BsiW1	BsmB1	BspE1	BstX1	BstZ1	_Chi	EcoK	EcoN1	ScFRT	Fse1	FspA1	I_Ceu	loxP	Mlu1
Not1	Nru1	Pac1	Pme1	PshA1	Pvu1	SanD1	Sbf1	Sca1	Sgf1	Spe1	Srf1	Swal	PISce
Xcm1													

Excluded by site complexity:

Acc1	Ac11	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	EcoO1	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													