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                                     BseY1   Stul1                                     Bgl1
TCCCATCCAACGGCCCTGTGATGCAGAAGAAAACACTCGGCTGGGAGGCCTCCACCGAGATGCTGTACCCCGCTGACGGCGGCCTGGAAGGCAGAAGCGA
1001 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1100
AGGGTAGGTTGCCGGGACACTACGTCTTCTTTTGTGAGCCGACCTCCGGAGGTGGCTCTACGACATGGGGCGACTGCCGCCGGACCTTCCGTCTTCGCT
TagFP635 > P S N G P V M Q K K T L G W E A S T E M L Y P A D G G L E G R S D

                                     BssS1   Eco57                                     Bbs1   BpuE1
CATGGCCCTGAAGCTCGTGGGCGGGGGCCACCTGATCTGCAACTTGAAGACCACATACAGATCCAAGAAACCCGCTAAGAACCTCAAGATGCCCGGCGTC
1101 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1200
GTACCGGGACTTCGAGCACCCGCCCCGGTGGACTAGACGTTGAACTTCTGGTGTATGTCTAGGTTCTTTGGGCGATTCTTGAGTTCTACGGGCCGCGAG
TagFP635 > M A L K L V G G G H L I C N L K T T Y R S K K P A K N L K M P G V

                                     Bbs1
                                     SpAcc |
                                     Bsa1   PshA1   BssS1   Dra3   Msc1   AlwN1
TACTATGTGGACAGAAGACTGGAAAAGAATCAAGGAGGCCGACAAAGAGACCTACGTGAGCAGCACGAGGTGGCTGTGGCCAGATACTGCGACCTCCCTA
1201 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1300
ATGATACACCTGTCTTCTGACCTTTCTTAGTTCTCCTCCGGCTGTTTCTCTGGATGCAGCTCGTTCGTGCTCCACCGACACCGGTCTATGACGCTGGAGGGAT
TagFP635 > Y Y V D R R L E R I K E A D K E T Y V E Q H E V A V A R Y C D L P S

                                     BpuE1   Xho1   Hind3
SpAcc   Bmr1   BspE1   Bgl2   Sac1   Bcg1a   Sac2   Bcg1b   Bgl1
GCAAACCTGGGGCACAAACTTAATTCCGGACTCAGATCTCGAGCTCAAGCTTCGATGGCGACTGCGACCCCCGTGCCGCCGCGGATGGGCAGCCGCGCTGG
1301 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1400
CGTTTGACCCCGTGTTTGAATTAAGGCCTGAGTCTAGAGCTCGAGTTTCAAGCTACCGCTGACGCTGGGGGCACGGCGGCCTACCCGTCGGCGCGACC
TagFP635/Lamin > K L G H K L N S G L R S R A Q A S M A T A T P V P P R M G S R A G

                                     Sac1
                                     Bsp1   Bpm1   BseR1   BsrG1
CGGCCCCACCACGCCGCTGAGCCCCACGCGCCTGTGCGGCTCCAGGAGAAGGAGGAGCTGCGCGAGCTCAATGACCGGCTGGCGGTGTACATCGACAAG
1401 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1500
GCCGGGTGGTGCGGCGACTCGGGGTGCGCGGACAGCGCCGAGGTCCTCTTCTCCTCGACGCGCTCGAGTTACTGGCCGACCGCCACATGTAGCTGTTC
LaminB1 > G P T T P L S P T R L S R L Q E K E E L R E L N D R L A V Y I D K

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Pvu2
Pst1
Bpm1
BspM1
BfuA1
BsmB1
Aar1
Fsp1
BssH2
Pst1
Eag1
BpuE1
BseR1
Sac1
Bsa1

1501 GTGCGCAGCCTGGAGACGGAGAACAGCGCGCTGCAGCTGCAGGTGACGGAGCGCGAGGAGGTGCGCGGCCCGTGAGCTCACCGGCCTCAAGGCGCTCTACG 1600
 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1600
 CACGCGTCGGACCTCTGCCTCTTGTGCGCGGACGTCGACGTCCACTGCCTCGCGCTCCTCCACGCGCCGGCACTCGAGTGGCCGGAGTTCCGCGAGATGC
 LaminB1 > V R S L E T E N S A L Q L Q V T E R E E V R G R E L T G L K A L Y E

BssH2
BssH2
Pst1
BseY1
BseR1

1601 AGACCGAGCTGGCCGACGCGCGACGCGCTCGACGACACGGCCCGGAGCGCGCCAAGCTGCAGATCGAGCTGGGCAAGTGCAAGGCGGAACACGACCA 1700
 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1700
 TCTGGCTCGACCGGCTGCGCGCTGCGCGGAGCTGCTGTGCCGGGCGCTCGCGCGGTTTCGACGTCTAGCTCGACCCGTTTACGTTCCGCTTGTGCTGGT
 LaminB1 > T E L A D A R R A L D D T A R E R A K L Q I E L G K C K A E H D Q

Eci1
Pvu2
SpAcc
Nar1
Kas1
Hind3
Bcg1b
BstB1
Bsg1
Bcg1a
BstAP

1701 GCTGCTCCTCAACTATGCTAAGAAGGAATCTGATCTTAATGGCGCCAGATCAAGCTTCGAGAATATGAAGCAGCACTCAATTTCGAAAGATGCAGCTCTT 1800
 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1800
 CGACGAGGAGTTGATACGATTCTTCCCTTAGACTAGAATTACCGCGGGTCTAGTTTCAAGCTCTTATACTTCGTCGTGAGTTAAGCTTTCTACGTCGAGAA
 LaminB1 > L L L N Y A K K E S D L N G A Q I K L R E Y E A A L N S K D A A L

Dra3
Bmr1
Eco57
Bpu10
Pst1
SpAcc

1801 GCTACTGCACTTGGTGACAAAAAAGTTTGTAGAGGGAGATTTGGAGGATCTGAAGGATCAGATTGCCAGTTGGAAGCCTCCTTAGCTGCAGCCAAAAAAC 1900
 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1900
 CGATGACGTGAACCACTGTTTTTTCAAATCTCCCTCTAAACCTCCTAGACTTCTAGTCTAACGGGTCAACCTTCGGAGGAATCGACGTCGGTTTTTTTG
 LaminB1 > A T A L G D K K S L E G D L E D L K D Q I A Q L E A S L A A A K K Q


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                                                                 BstAP
                                                                 AlwN1           Bsu36
                                                                 |             |
5501 GCGTTTCTTCCTTTTCCCAACCCACCCCAAGTTCGGGTGAAGGCCAGGGCTCGCAGCCAACGTCGGGGCGGCAGGCCCTGCCATAGCCTCAGGTTA
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5600
   CGCAAAGAAGGAAAAGGGGTGGGGTGGGGGTTCAAGCCCACTTCCGGGTCCCGAGCGTCGGTTGCAGCCCCGCCGTCCGGGACGGTATCGGAGTCCAAT

           Dra1           Dra1           BspH1
           |             |             |
5601 CTCATATATACTTTAGATTGATTTAAAACCTTCATTTTTAATTTAAAAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAAATCCCTTAACGT
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5700
   GAGTATATATGAAATCTAACTAAAATTTTGAAGTAAAAATTAATTTTTCTAGATCCACTTCTAGGAAAAACTATTAGAGTACTGGTTTTAGGGAATTGCA

                                                                 BpuE1
                                                                 |
5701 GAGTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAA
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5800
   CTCAAAAGCAAGGTGACTCGCAGTCTGGGGCATCTTTTCTAGTTTCTAGAGAACTCTAGGAAAAAAGACGCGCATTAGACGACGAACGTTTGTTTTT

                                                                 Eco57
                                                                 |
5801 AACCACCGCTACCAGCGGTGGTTTTGTTTGC CGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTA ACTGGCTTCAGCAGAGCGCAGATACCAAATACTGT
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5900
   TTGGTGCGATGGTCGCCACCAAACAAACGGCCTAGTTCTCGATGGTTGAGAAAAAGGCTTCCATTGACCGAAGTCGTCTCGCGTCTATGGTTTTATGACA

           SpAcc                                                                 AlwN1
           |                                                                 |
5901 CCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGA ACTCTGTAGCACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGT
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 6000
   GGAAGATCACATCGGCATCAATCCGGTGGTGAAGTTCTTGAGACATCGTGGCGGATGTATGGAGCGAGACGATTAGGACAATGGTCACCGACGACGGTCA

           BpuE1                                                                 ApaL1           BseY1
           |                                                                 |             |
6001 GCGGATAAGTCGTGCTTTACCGGGTTG GACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCTGGGCTGAACGGGGGTTCTGTGCACACAGCCAGCT
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 6100
   CCGCTATTCAGCACAGAATGGCCCAACCTGAGTTCTGCTATCAATGGCCTATTCCGCGTCGCCAGCCCGACTTGCCCCCAAGCACGTGTGTCTGGGTCTGA
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                                     SpAcc                               Eci1
                                     |                                 |
6101 TGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTCCCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAG
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 6200
    ACCTCGCTTGCTGGATGTGGCTTGACTCTATGGATGTGCGACTCGATACTCTTTTCGCGGTGCGAAGGGCTTCCCTCTTTCCGCTGTCCATAGGCCATTC

BciV1                                BssS1                                SpAcc                                Drd1
|                                     |                                 |                                 |
6201 CGGCAGGGTCGGAACAGGAGAGCGCACGAGGGGAGCTTCCAGGGGGAAACGCCTGGTATCTTTATAGTCCTGTGCGGGTTTCGCCACCTCTGACTTGAGCGT
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 6300
    GCCGTCCCAGCCTTGTCCTCTCGCGTGCTCCCTCGAAGGTCCCCCTTTGCGGACCATAGAAATATCAGGACAGCCCAAAGCGGTGGAGACTGAACTCGCA

                                     BpuE1                            SpAcc                            Eci1                            SpDon
                                     |                                |                                |                                |
6301 CGATTTTTGTGATGCTCGTCAGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCGGCCCTTTTTACGGTTCCTGGCCTTTTGCTGGCCTTTTGCTCACA
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 6400
    GCTAAAAAACTACGAGCAGTCCCCCGCCTCGGATACCTTTTTGCGGTCGTTGCGCCGAAAAATGCCAAGGACCGGAAAAACGACCGGAAAAACGAGTGT

                                     NsiI
                                     BfrB1
                                     |
6401 TGTTCCTTCCTGCGTTATCCCCTGATTCTGTGGATAACCGTATTACCGCCATGCAT
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 6456
    ACAAGAAAGGACGCAATAGGGGACTAAGACACCTATTGGCATAATGGCGGTACGTA

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Found:

Aar1	Aat2	Afe1	Age1	Ale1	AlwN1	ApaL1	Ase1	Avr2	BamH1	Bbs1	BbvC1	BcglA	BcglB
BciV1	Bcl1	BfrB1	BfuA1	Bgl1	Bgl2	Blp1	Bmr1	Bpm1	Bpu10	BpuE1	Bsa1	BsaB1	BsaXa
BsaXb	BseR1	BseY1	Bsg1	Bsm1	BsmB1	BspE1	BspH1	BspLU	BspM1	BsrB1	BsrD1	BsrG1	BssH2
BssS1	BstAP	BstB1	Bsu36	BtgZ1	Bts1	_Chi	ClA1	Dra1	Dra3	Drd1	Eag1	Ear1	Eci1
Eco57	EcoN1	Fsp1	Hind3	Hpa1	Kas1	Mfe1	Mlu1	Msc1	Nae1	Nar1	Nco1	Nde1	NgoM4
Nhe1	Nsi1	PflF1	polyA	PshA1	Psi1	Pst1	Pvu2	Rsr2	Sac1	Sac2	Sap1	SexA1	Sfi1
SnaB1	SpAcc	SpDon	Sph1	Ssp1	Stu1	Xba1	Xcm1	Xho1	Xmn1				

Unique:

Aar1	Afe1	Age1	Ale1	Ase1	BamH1	BbvC1	Bgl2	Blp1	Bsg1	BsmB1	BspE1	BspLU	BsrD1
Bts1	_Chi	ClA1	EcoN1	Hpa1	Mfe1	Mlu1	Nde1	Nhe1	PflF1	PshA1	Rsr2	Sac2	SexA1
Sfi1	Xcm1	Xho1											

Not found:

Acc65	Acl1	Afl2	Ahd1	Apa1	Asc1	AsiS1	Baela	Baelb	BmgB1	BsiW1	BstE2	BstX1	BstZ1
EcoK	EcoR1	EcoRV	FCatB	FCatL	FCatR	FCatP	ScFRT	Fse1	FspA1	I_Ceu	Kpn1	loxP	Not1
Nru1	Pac1	PflM1	Pme1	Pml1	PspOM	Pvu1	R4atB	R4atL	R4atP	R4atR	Sal1	Sand1	Sbf1
Sca1	Sgfl	SgrA1	Sma1	Spe1	Srf1	Swal	T3RNA	T7RNA	T7Ter	PISce			

Excluded by site complexity:

Acc1	Acil	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													