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                                     Bgl1          Bpm1          ApaL1
TACGAGGACGGCGGCATCCTGACCGCCCACCAGGACACCAGCCTGGAGGGCAACTGCCTGATCTACAAGGTGAAGGTGCACGGCACCAACTTCCCCGCGG
901  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1000
ATGCTCCTGCCGCCGTAGGACTGGCGGGTGGTCTGTGGTTCGGACCTCCCCTTGACGGACTAGATGTTCCACTTCCACGTGCCGTGGTTGAAGGGGCGGC
t-HcRed > Y E D G G I L T A H Q D T S L E G N C L I Y K V K V H G T N F P A

                                     BsrB1 BseY1 BseY1 Xcm1 | Eag1
ACGGCCCCGTGATGAAGAACAAGAGCGGGCGGCTGGGAGCCCAGCACCGAGGTGGTGTACCCCCGAGAACGGCGTGCTGTGCGGCCGGAACGTGATGGCCCT
1001  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1100
TGCCGGGGCACTACTTCTTGTTCGCGCCGACCTCGGGTTCGTGGCTCCACCACATGGGGCTCTTGCCGCACGACACGCCGGCCTTGCCTACTACGGGA
t-HcRed > D G P V M K N K S G G W E P S T E V V Y P E N G V L C G R N V M A L

                                     Eco57          BssH2          Bpm1
GAAGGTGGGCGACCGGCACCTGATCTGCCACCCTACACCAGCTACCGGAGCAAGAAGGCCGTGCGCGCCCTGACCATGCCCGGCTTCCACTTCACCGAC
1101  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1200
CTTCCACCCGCTGGCCGTGGACTAGACGGTGGTGTGATGTGGTTCGATGGCCTCGTTCTTCCGGCACGCGCGGGACTGGTACGGGCCGAAGGTGAAGTGGCTG
t-HcRed > K V G D R H L I C H H Y T S Y R S K K A V R A L T M P G F H F T D

                                     AlwN1          Scal          Sfi1          BspM1
ATCCGGCTCCAGATGCTGCGGAAGAAGAAGGACGAGTACTTTCGAGCTGTACGAGGCCAGCGTGGCCCCGGTACAGCGACCTGCCCCGAGAAGGCCAACAGAT
1201  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1300
TAGGCCGAGGTCTACGACGCCTTCTTCTTCTCCTGCTCATGAAGCTCGACATGCTCCGGTTCGCACCGGGCCATGTCGCTGGACGGGCTCTTCCGGTTGTCTA
t-HcRed > I R L Q M L R K K K D E Y F E L Y E A S V A R Y S D L P E K A N R

                                     Sma1 BsrB1 EcoN1 Fsp1 BsrG1 Bcg1b
CTCCCGGATGGTGAGCGCCTGCTGAAGGAGAGTATGCGCATCAAGATGTACATGGAGGGCACCGTGAACGGCCACTACTTCAAGTGCAGGGGCGAGGG
1301  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1400
GAGGGCCCTACCACTCGCCGACGACTTCTCTCATAACGCGTAGTTCTACATGTACCTCCCCTGGCACTTGGCCGGTGTGAAGTTACGCTCCCCGCTCCC
t-HcRed > S P G M V S G L L K E S M R I K M Y M E G T V N G H Y F K C E G E G

                                     Bgl12

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                NaeI      NgoM4      BcgIa      PmlI      KasI      NarI      BcgIb
                |      |      |      |      |      |      |
1401  CGACGGCAACCCCTTCGCCGGCAGCCAGAGCATGAGAATCCACGTGACCGAGGGCGCCCCCTGCCCTTCGCCTTCGACATCCTGGCCCCCTGCTGCGAG
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1500
    GCTGCCGTTGGGGAAGCGGCCGTGGGTCTCGTACTCTTAGGTGCACTGGCTCCCCGCGGGGGACGGGAAGCGGAAGCTGTAGGACCGGGGGACGACGCTC
t-HcRed >  D G N P F A G T Q S M R I H V T E G A P L P F A F D I L A P C C E

                ApaI1      BcgIa
                |      |
1501  TACGGCAGCAGGACCTTCGTGCACCACACCGCCGAGATCCCCGACTTCTTCAAGCAGAGCTTCCCCGAGGGCTTCACTGGGAGAGAACCACCACCTACG
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1600
    ATGCCGTCGTCTGGAAGCACGTGGTGTGGCGGCTCTAGGGGCTGAAGAAGTTCGTCTCGAAGGGGCTCCCGAAGTGGACCCTCTCTTGGTGGTGGATGC
t-HcRed >  Y G S R T F V H H T A E I P D F F K Q S F P E G F T W E R T T T Y

                BglI      BpmI      ApaI1
                |      |      |
1601  AGGACGGCGGCATCCTGACCGCCCACCAGGACACCAGCCTGGAGGGCAACTGCCTGATCTACAAGGTGAAGGTGCACGGCACCAACTTCCCCGCGACGG
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1700
    TCCTGCCGCCGTAGGACTGGCGGGTGGTCTGTGGTTCGGACCTCCCCGTTGACGGACTAGATGTTCCACTTCCACGTGCCGTGGTTGAAGGGGGCGGCTGCC
t-HcRed >  E D G G I L T A H Q D T S L E G N C L I Y K V K V H G T N F P A D G

                BsrB1  BseY1  BseY1  XcmI  AleI      EagI
                |      |      |      |      |      |
1701  CCCCCTGATGAAGAACAAGAGCGGCGGCTGGGAGCCCAGCACCGAGGTGGTGTACCCCCGAGAACGGCGTGCTGTGCGGCCGGAACGTGATGGCCCTGAAG
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1800
    GGGGCACTACTTCTTGTTCGCGCCGACCCCTCGGGTTCGTGGCTCCACCACATGGGGCTCTTGCCGCACGACACGCCGGCCTTGCACTACCGGGACTTC
t-HcRed >  P V M K N K S G G W E P S T E V V Y P E N G V L C G R N V M A L K

                Eco57      BssH2      BpmI
                |      |      |
1801  GTGGGCGACCGGCACCTGATCTGCCACCACTACACCAGCTACCGGAGCAAGAAGGCCGTGCGCGCCCTGACCATGCCCGGCTTCACTTACCGACATCC
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1900
    CACCCGCTGGCCGTGGACTAGACGGTGGTGTGATGTGGTTCGATGGCCTCGTTCTTCCGGCACGCGCGGGACTGGTACGGGCCGAAGGTGAAGTGGCTGTAGG
t-HcRed >  V G D R H L I C H H Y T S Y R S K K A V R A L T M P G F H F T D I

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Unique:

Acc65	Afe1	Age1	Apa1	Ase1	BamH1	Bcl1	Bgl2	Bsa1	BsaXa	BsaXb	BseR1	BspLU	BsrD1
Bts1	Cla1	Dra3	EcoR1	Hind3	Hpa1	Kpn1	Mfe1	Mlu1	Msc1	Nde1	Nhe1	PflF1	PspOM
Pst1	Pvu1	Rsr2	Sac1	Sac2	Sal1	SexA1	SnaB1	Stu1	Xba1				

Not found:

Aar1	Ac11	Afl2	Ahd1	Asc1	AsiS1	Baela	Baelb	Bbs1	BbvC1	Blp1	BmgB1	Bpu10	Bsg1
BsiW1	BsmB1	BspE1	BstE2	BstX1	BstZ1	_Chi	EcoK	EcoRV	ScFRT	Fse1	I_Ceu	loxP	Not1
Nru1	Pac1	PflM1	Pme1	PshA1	SanD1	Sbf1	Sgf1	SgrA1	Spe1	Srf1	Swal	PISce	Xho1
Xmn1													

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													