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                                     Bsa1
                                     |
                               BseY1  Stu1  |
                                     |
CCTGAAGCTCGTGGGCGGGGGCCACCTGATCTGCAACTTGAAGACCACATACAGATCCAAGAAACCCGCTAAGAACCTCAAGATGCCCGGGCTCTACTAT
1901  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2000
GGTTGCCGGGACACTACGTCTTCTTTTGTGAGCCGACCCTCCGGAGGTGGCTCTGGGACATGGGGCGACTGCCGCCGGACCTTCCGTCTCGGCTGTACCG
mKate2  >  N G P V M Q K K T L G W E A S T E T L Y P A D G G L E G R A D M A

                                     BssS1      Eco57      Bbs1      BpuE1
                                     |          |          |          |
CCTGAAGCTCGTGGGCGGGGGCCACCTGATCTGCAACTTGAAGACCACATACAGATCCAAGAAACCCGCTAAGAACCTCAAGATGCCCGGGCTCTACTAT
2001  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2100
GGACTTCGAGCACCCGCCCGGGTGGACTAGACGTTGAACTTCTGGTGTATGTCTAGGTTCTTTGGGCGATTCTTGGAGTTCTACGGGCCGAGATGATA
mKate2  >  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 Y Y

                                     Bbs1
                                     |
                               SpAcc  |          Bsa1      PshA1      BssS1  Dra3      Msc1  AlwN1      SpAcc
                                     |          |          |          |          |          |          |          |
GTGGACAGAAGACTGGAAAGAATCAAGGAGGCCGACAAAGAGACCTACGTCGAGCAGCACGAGGTGGCTGTGGCCAGATACTGCGACCTCCCTAGCAAAC
2101  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2200
CACCTGTCTTCTGACCTTTCTTAGTTCTCCGGCTGTTTCTCTGGATGCAGCTCGTCGTGCTCCACCGACACCGGTCTATGACGCTGGAGGGATCGTTTG
mKate2  >  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 K L

                                     Not1
                                     |
                               Eag1
                               |
                               Bmr1  BsrB1|      Xba1      BsaB1      SpDon      Dra1
                               |          ||          |          |          |          |
TGGGGCACAGATGAGCGGCCGCGACTCTAGATCATAATCAGCCATAACCACATTTGTAGAGGTTTTTACTTTGCTTTAAAAAACCTCCCACACCTCCCCCTGA
2201  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2300
ACCCCGTGTCTACTCGCCGGCGCTGAGATCTAGTATTAGTCGGTATGGTGTAAACATCTCCAAAATGAACGAAATTTTTTGGAGGGTGTGGAGGGGGACT
mKate2  >  G H R *

                                     Bsm1
                                     |
                               Mfe1|      Hpa1      polyA      Pst1      polyA      polyA
                               ||          |          |          |          |          |
ACCTGAAACATAAAATGAATGCAATTGTTGTTGTTAACTTGTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTACAAATAA
2301  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2400
TGGACTTTGTATTTTACTTACGTTAACAACAACAATTGAACAAATAACGTCGAATATTACCAATGTTTATTTTCGTTATCGTAGTGTAAAGTGTATTATT

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Found:

Aat2	<b>Afe1</b>	<b>Afl2</b>	<b>Age1</b>	Ale1	AlwN1	ApaL1	<b>Ase1</b>	Avr2	<b>BamH1</b>	Bbs1	BciV1	<b>Bcl1</b>	BfrB1
BfuA1	Bgl1	Bgl2	<b>Blp1</b>	Bmr1	Bpm1	BpuE1	Bsa1	BsaB1	<b>BsaXa</b>	<b>BsaXb</b>	<b>BseR1</b>	BseY1	<b>Bsg1</b>
Bsm1	<b>BspE1</b>	BspH1	<b>BspLU</b>	BspM1	BsrB1	BsrD1	<b>BsrG1</b>	BssS1	BstAP	BstB1	Bsu36	BtgZ1	<b>Bts1</b>
<b>_Chi</b>	<b>Clal</b>	Dra1	Dra3	Drd1	Eag1	Ear1	Eci1	Ecl2	Eco57	<b>EcoK</b>	<b>EcoN1</b>	<b>EcoR1</b>	<b>Fsp1</b>
<b>Hind3</b>	<b>Hpa1</b>	<b>Kas1</b>	<b>Mfe1</b>	Msc1	Nae1	<b>Nar1</b>	Nco1	<b>Nde1</b>	NgoM4	<b>Nhe1</b>	<b>Not1</b>	Nsi1	<b>PflF1</b>
PflM1	polyA	<b>PshA1</b>	Psi1	<b>Pst1</b>	Pvu2	<b>Rsr2</b>	Sac1	<b>Sall</b>	Sap1	<b>SexA1</b>	<b>Sfil</b>	<b>SnaB1</b>	SpAcc
SpDon	Sph1	Ssp1	Stu1	<b>Xba1</b>	<b>Xho1</b>								

Unique:

<b>Afe1</b>	<b>Afl2</b>	<b>Age1</b>	<b>Ase1</b>	<b>BamH1</b>	<b>Bcl1</b>	<b>Blp1</b>	<b>BsaXa</b>	<b>BsaXb</b>	<b>BseR1</b>	<b>Bsg1</b>	<b>BspE1</b>	<b>BspLU</b>	<b>BsrG1</b>
<b>Bts1</b>	<b>_Chi</b>	<b>Clal</b>	<b>EcoK</b>	<b>EcoN1</b>	<b>EcoR1</b>	<b>Fsp1</b>	<b>Hind3</b>	<b>Hpa1</b>	<b>Kas1</b>	<b>Mfe1</b>	<b>Nar1</b>	<b>Nde1</b>	<b>Nhe1</b>
<b>Not1</b>	<b>PflF1</b>	<b>PshA1</b>	<b>Pst1</b>	<b>Rsr2</b>	<b>Sall</b>	<b>SexA1</b>	<b>Sfil</b>	<b>SnaB1</b>	<b>Xba1</b>	<b>Xho1</b>			

Not found:

Aar1	Acc65	Acl1	Ahd1	Apa1	Asc1	AsiS1	Baela	Baelb	BbvC1	Bcg1a	Bcg1b	BmgB1	Bpu10
BsiW1	BsmB1	BssH2	BstE2	BstX1	BstZ1	BxatB	BxatL	BxatR	BxatP	EcoRV	FCatB	FCatL	FCatR
FCatP	ScFRT	Fse1	FspA1	I_Ceu	Kpn1	loxP	Mlu1	Nru1	Pac1	Pme1	Pml1	PspOM	Pvu1
R4atB	R4atL	R4atP	R4atR	_Sac2	SanD1	Sbf1	Sca1	Sgf1	SgrA1	Sma1	Spe1	Srf1	Swal
T3RNA	T7RNA	T7Ter	PISce	Xcm1	Xmn1								

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	Bs11	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													