


```

                                Bbs1          Bpm1          SpDon
                                |              |              |
ATCACCACATACGAAGACGGGGCGTGCTGACCGCTACCCAGGACACCAGCCTCCAGAACGGCTGCCTCATCTACAACGTCAAGATCAACGGGGTGAACT
901  |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1000
TAGTGGTGTATGCTTCTGCCCCGCACGACTGGCGATGGGTCCTGTGGTCGGAGGTCTTGCCGACGGAGTAGATGTTGCAGTTCTAGTTGCCCCACTTGA
TurboFP635 > I T T Y E D G G V L T A T Q D T S L Q N G C L I Y N V K I N G V N F

                                BseY1          Sfi1          Bgl1
                                |              |              |
TCCCATCCAACGGCCCTGTGATGCAGAAGAAAACACTCGGCTGGGAGGCCAGCACCGAGATGCTGTACCCCGCTGACAGCGGCCTGAGAGGCCATAGCCA
1001 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1100
AGGGTAGGTTGCCGGGACACTACGTCTTCTTTGTGAGCCGACCCTCCGGTCGTGGCTCTACGACATGGGGCGACTGTCCGCCGACTCTCCGGTATCGGT
TurboFP635 > 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 S G L R G H S Q

                                Bsg1          Eco57          BspM1
                                |              |              |
                                BssS1          BpuE1          Bts1BfuA1          BpuE1
                                |              |              |              |
GATGGCCCTGAAGCTCGTGGGCGGGGGCTACCTGCACTGCTCCCTCAAGACCACATACAGATCCAAGAAACCCGCTAAGAACCTCAAGATGCCCCGGCTTC
1101 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1200
CTACCGGGACTTCGAGCACCCGCCCGGATGGACGTGACGAGGGAGTTCTGGTGTATGTCTAGGTTCTTTGGGCGATTCTTGAGTTCTACGGGCCGAAG
TurboFP635 > M A L K L V G G G Y L H C S L K T T Y R S K K P A K N L K M P G F

                                SpAcc          Bsa1          PshA1          BssS1          Msc1          AlwN1
                                |              |              |              |              |              |
TACTTCGTGGACAGGAGACTGGAAAGAATCAAGGAGGCCGACAAAGAGACCTACGTCGAGCAGCACGAGATGGCTGTGGCCAGGTACTGCGACCTGCCTA
1201 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1300
ATGAAGCACCTGTCTCTGACCTTTCTTAGTTCTCCGGCTGTTTCTCTGGATGCAGCTCGTTCGTGCTCTACCGACACCGGTCCATGACGCTGGACGGAT
TurboFP635 > Y F V D R R L E R I K E A D K E T Y V E Q H E M A V A R Y C D L P S
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Found:

Aat2	Acc65	Afe1	Age1	Ale1	AlwN1	Apa1	ApaL1	Ase1	Avr2	BamH1	Bbs1	BciV1	Bcl1
BfrB1	BfuA1	Bgl1	Bgl2	Bmr1	Bpm1	BpuE1	Bsa1	BsaB1	BsaXa	BsaXb	BseR1	BseY1	Bsg1
Bsm1	BspE1	BspH1	BspLU	BspM1	BsrB1	BsrD1	BsrG1	BssS1	BstAP	BstB1	BstX1	Bsu36	BtgZ1
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	polyA	PshA1
Psi1	PspOM	Pst1	Pvu2	Rsr2	Sac1	Sac2	Sal1	Sap1	SexA1	Sfi1	Sma1	SnaB1	SpAcc
SpDon	Sph1	Ssp1	Stu1	Xba1	Xho1								

Unique:

Acc65	Afe1	Age1	Ale1	Apa1	Ase1	BamH1	Bbs1	Bgl2	BsaXa	BsaXb	BseR1	Bsg1	BspE1
BspLU	BsrD1	BsrG1	BstX1	Cla1	Dra3	Eag1	EcoR1	Fsp1	Hind3	Hpa1	Kas1	Kpn1	Mfe1
Mlu1	Nar1	Nde1	Nhe1	PflF1	PshA1	PspOM	Pst1	Rsr2	Sac1	Sac2	Sal1	SexA1	Sma1
SnaB1	Stu1	Xba1	Xho1										

Not found:

Aar1	Acl1	Afl2	Ahd1	Asc1	AsiS1	Bae1a	Bae1b	BbvC1	Bcg1a	Bcg1b	Blp1	BmgB1	Bpu10
BsiW1	BsmB1	BssH2	BstE2	BstZ1	_Chi	EcoK	EcoN1	EcoRV	ScFRT	Fse1	FspA1	I_Ceu	loxP
Not1	Nru1	Pac1	PflM1	Pme1	Pml1	Pvu1	SanD1	Sbf1	Sca1	Sgf1	SgrA1	Spe1	Srf1
Swal	T3RNA	T7RNA	T7Ter	PISce	Xcm1	Xmn1							

Excluded by site complexity:

Acc1	Ac1	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													