

### pFusionRed-Cx26 vector restriction map

The data has not been verified by restriction digestion with each enzyme listed and does not take into account possible methylation sites.

Enzymes that recognize unambiguous sequences less than 6 base pairs long are not included – for the more complete enzyme list please refer to the Table of restriction sites.

Unique sites are shown in bold blue. The location given specifies the 3' end of the cut DNA (the base to the left of the cut site).

FusionRed amino acids are shown in red, Connexin 26 amino acids are shown in green, linker amino acids are shown in black.



Aat2 Eci1

401 TAGCGGTTTGACTCACGGGGATTTCCAAGTCTCCACCCCATTTGACGTCAATGGGAGTTTGTGTTTTGGCACCAAATCAACGGGACTTTCCAAAATGTCGTA  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 500  
 ATCGCCAAACTGAGTGCCCCCTAAAGGTTTCAGAGGTGGGGTAACTGCAGTTACCCTCAAACAAAACCGTGGTTTTAGTTGCCCTGAAAGGTTTTACAGCAT

Nhe1 Afel

501 ACAACTCCGCCCCATTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGCTGGTTTTAGTGAACCGTCAGATCCGCTAGCGCTA  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 600  
 TGTGAGGCGGGTAACTGCGTTTACCCGCCATCCGCACATGCCACCCTCCAGATATATTCGTCTCGACCAAATCACTTGGCAGTCTAGGCGATCGCGAT

Hind3 Bcg1b BseR1  
 Xho1 Sac1 EcoR1 Not1  
 BpuE1 Bgl2 Ecl2 BstB1 Eagl Bcg1a

601 CCGGACTCAGATCTCGAGCTCAAGCTTCAAGCTTTCGAATTCGCGGCCGCACGCTCCTCGGGACACAGTGCCAACCATCCAGAGGACAAGATGGATTGGGGCACACTA  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 700  
 GGCTTGAGTCTAGAGCTCGAGTTTCAAGCTTAAAGCGCCGGCGTGCAGGAGCCCTGTGTACGGTTGGTAGGTCTCCTGTTCTACCTAACCCCGTGTGAT

Cx26 > M D W G T L

BsaXb \_Chi BsaXa Ear1 BspH1 BssS1

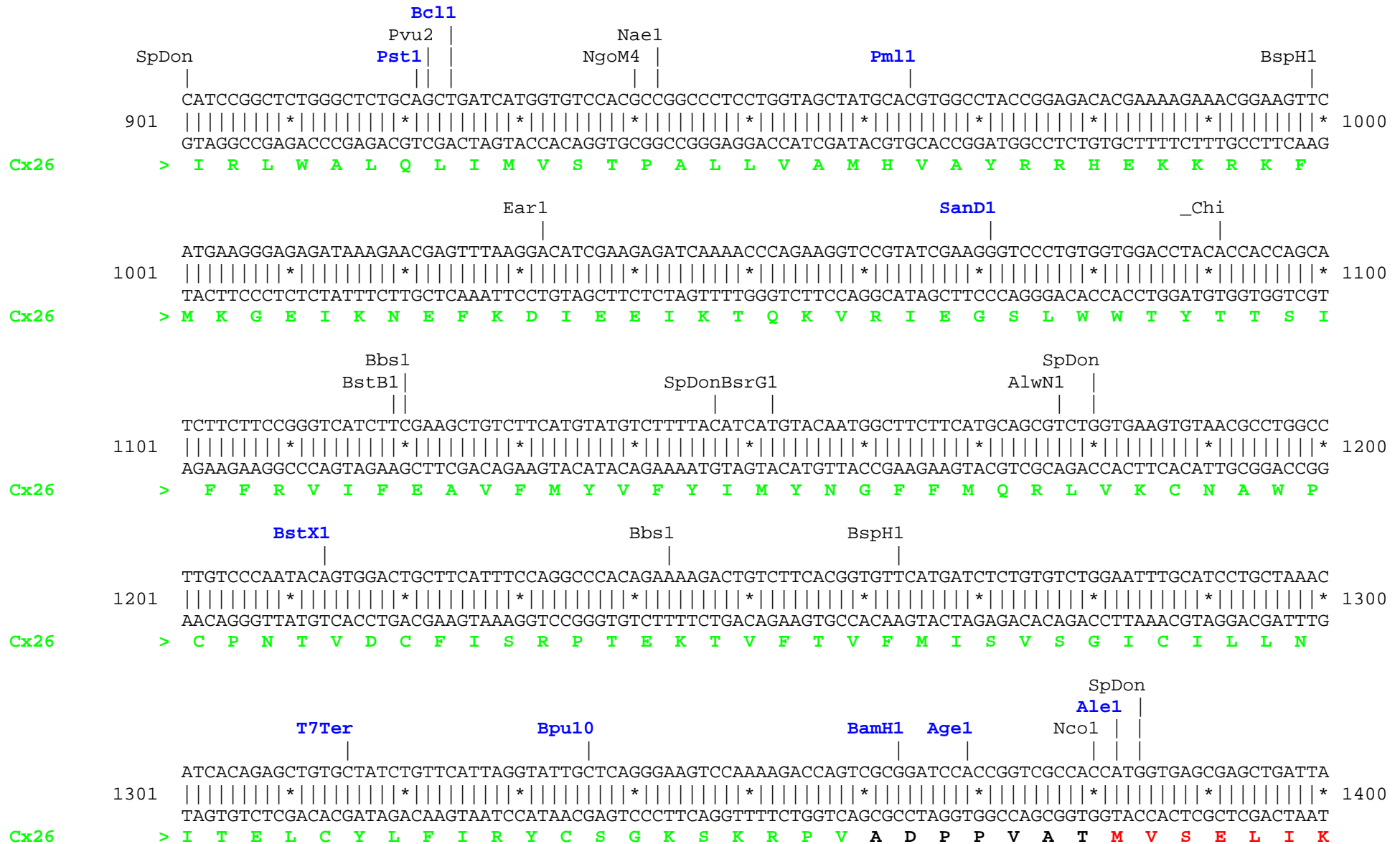
701 CAGAGCATCCTCGGGGGTGTCAACAAGCACTCCACCAGCATTGGGAAAATCTGGCTCACTGTCCCTCTTCATCTTCCGCATCATGATCCTCGTGGTGGCCG  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 800  
 GTCTCGTAGGAGCCCCACAGTTGTTTCGTGAGGTGGTTCGTAACCCTTTTAGACCGAGTGACAGGAGAAGTAGAAGGCGTAGTACTAGGAGCACCACCGGC

Cx26 > Q S I L G G V N K H S T S I G K I W L T V L F I F R I M I L V V A A

Bpm1 SpAcc

801 CGAAGGAGGTGTGGGGAGATGAGCAAGCCGATTTTGTGTTTGGCAACTCTCCAGCCTGGCTGTAAGAATGTGTGCTACGACCACTACTTCCCCATCTCTCA  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 900  
 GCTTCTCCACACCCCTCTACTCGTTCGGCTAAAACAAACGTTGTGAGAGGTCCGACCGACATTCTTACACACGATGCTGGTGATGAAGGGGTAGAGAGT

Cx26 > K E V W G D E Q A D F V C N T L Q P G C K N V C Y D H Y F P I S H



```

            BsrG1                             ApaL1                             SpAcc
            |                                 |                                 |
1401  AGGAGAACATGCCCATGAAGCTGTACATGGAGGGCACCGTGAACAACCACCACCTTCAAGTGCACATCCGAGGGCGAAGGCAAGCCCTACGAGGGCACCCA 1500
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*
      TCCTCTTGTACGGGTACTTCGACATGTACCTCCCCTGTCACCTTGGTGGTGAAGTTTACGTGTAGGCTCCCCTTCCGTTTCGGGATGCTCCCCTGGGT
FusionRed >  E N M P M K L Y M E G T V N N H H F K C T S E G E G K P Y E G T Q

```

```

1501  GACCATGAGAATCAAGGTCGTCGAGGGCGGCCCTCTCCCCTTCGCTTCGACATCCTGGCTACCAGCTTCATGTACGGCAGCAGAACCCTTCATCAAGCAC 1600
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*
      CTGGTACTCTTAGTTCCAGCAGCTCCCCTGTCGAGGGGAAGCGGAAGCTGTAGGACCGATGGTGAAGTACATGCCGTCGTCTTGAAGTAGTTTCGTG
FusionRed >  T M R I K V V E G G P L P F A F D I L A T S F M Y G S R T F I K H

```

```

            Bsu36        SpDon        Bbs1        Bpm1
            |           |           |           |
1601  CCTCCGGGCATCCCCGACTTCTTTAAGCAGTCCTTCCCTGAGGGCTTCACATGGGAGAGAGTACCACATACGAAGACGGGGCGTGCTGACCGCTACCC 1700
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*
      GGAGGCCCGTAGGGCTGAAGAAATTTCGTCAGGAAGGGACTCCCAGAGTGTACCCTCTCTCAGTGGTGTATGCTTCTGCCCGCAGACTGGCGATGGG
FusionRed >  P P G I P D F F K Q S F P E G F T W E R V T T Y E D G G V L T A T Q

```

```

            BseY1
            |
1701  AGGACACCAGCTCCAGGACGGCTGCCTCATCTACAACGTCAAGGTTAGAGGGGTGAACTTCCCAGCCAACGGCCCTGTGATGCAGAAGAAAACACTCGG 1800
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*
      TCCTGTGGTCGGAGGTCCTGCCGACGGAGTAGATGTTGCAGTTCCAATCTCCCCACTTGAAGGGTCGGTTGCCGGGACACTACGTCTTCTTTTGTGAGCC
FusionRed >  D T S L Q D G C L I Y N V K V R G V N F P A N G P V M Q K K T L G

```

```

            BsmB1
BseY1    StuI          BglI          BssS1          Eco57
|        |           |           |           |
1801  CTGGGAGGCCTCCACCGAGACGATGTACCCGCTGACGGCGGCCTGGAAGGCGCATGTGACATGGCCCTGAAGCTCGTGGGCGGGGGCCACTGATCTGC 1900
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*
      GACCTCCGGAGGTGGCTCTGTACATGGGGCGACTGCCGCGGACCTTCGGCTACACTGTACCGGGACTTCGAGCACCCCGCCCCCGGTGGACTAGACG
FusionRed >  W E A S T E T M Y P A D G G L E G A C D M A L K L V G G G H L I C

```

Bsa1 BpuE1 BpuE1 SpAcc  
 PflM1  
 AACCTTGAGACCACATACAGATCCAAGAAACCCGCTACGAACCTCAAGATGCCCGGCGTCTACAACGTGGACCACAGACTGGAAAGAATCAAGGAGGCCG  
 1901 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 2000  
 TTGGA ACTCTGGTGTATGTCTAGGTTCTTTGGGCGATGCTTGGAGTTCTACGGGCCGAGATGTTGCACCTGGTGTCTGACCTTTCTTAGTTCTCCGGC  
**FusionRed** > N L E T T Y R S K K P A T N L K M P G V Y N V D H R L E R I K E A D

Bsa1 PshA1 BssS1 Dra3 Msc1 SpDon BsrB1 Not1  
 Eagl Xba1  
 ACGATGAGACCTACGTCGAGCAGCACGAGGTGGCTGTGGCCAGATACTCTACTGGTGGCGCTGGTGATGGAGGTAATGAGCGGCCGCGACTCTAGATCA  
 2001 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 2100  
 TGCTACTCTGGATGCAGCTCGTCGTGCTCCACCGACACCGGTCTATGAGATGACCACCGCGACCACTACCTCCATTTACTCGCCGGCGCTGAGATCTAGT  
**FusionRed** > D E T Y V E Q H E V A V A R Y S T G G A G D G G K \*

BsaB1 SpDon Dra1 Bsm1  
 MfeI  
 TAATCAGCCATACCACATTTGTAGAGGTTTTACTTTGCTTTAAAAAACCTCCCACACCTCCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGT  
 2101 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 2200  
 ATTAGTCGGTATGGTGTAAACATCTCCAAAATGAACGAAATTTTTTTGGAGGGTGTGGAGGGGGACTTGGACTTTGTATTTTACTTACGTAAACAACAACA

Hpa1 polyA PsiI polyA polyA Bts1 Bsm1  
 TAACTTGTATTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTACAAATAAAGCATTTTTTTTTCACTGCATTCTAGTTGTGGTTTTG  
 2201 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 2300  
 ATTGAACAAATAACGTCGAATATTACCAATGTTTATTTTCGTTATCGTAGTGTTTAAAGTGTTTATTTTCGTAAAAAAGTGACGTAAGATCAACACCAAAAC

Af12 SpDon Ssp1  
 TCCAAACTCATCAATGTATCTTAAGGCGTAAATTTGTAAGCGTTAATATTTTGTAAAAATTTCGCGTTAAATTTTTTGTAAATCAGCTCATTTTTTAAACAA  
 2301 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 2400  
 AGGTTTGAGTAGTTACATAGAATTCCGCATTTAACATTTCGCAATTATAAAACAATTTTAAAGCGCAATTTAAAAACAATTTAGTCGAGTAAAAAATTGGTT

```
                Psil                               BsaXb
                |                                 |
2401 TAGGCCGAAATCGGC AAAATCCCTTATAAATCAAAAGAATAGACCGAGATAGGGTTGAGTGTGTTCCAGTTTGGAAACAAGAGTCCACTATTAAAGAACG
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2500
   ATCCGGCTTTAGCCGTTT TAGGGAATATTTAGTTTTCTTATCTGGCTCTATCCCAACTCACAACAAGGTCAAACCTTGTTCTCAGGTGATAATTTCTTGC

                Drd1   BsaXa                               BtgZ1   Dra3
                |     |                                 |     |
2501 TGGACTCCAACGTC AAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCCACTACGTGAACCATCACCTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAA
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2600
   ACCTGAGGTTGCAGTTTCCCGCTTTTTGGCAGATAGTCCCCTACCGGGTGATGCACTTGGTAGTGGGATTAGTTCAAAAACCCAGCTCCACGGCATT

                SpAcc                               NaeI   NgoM4                               BsrB1
                |                                 |     |                                 |
2601 AGCACTAAATCGGAACCC TAAAGGGAGCCCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGAAGAAAGCGAAAGGAGCG
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2700
   TCGTGATTTAGCCTTGGGATTTCCCTCGGGGGCTAAATCTCGAACTGCCCTTTTCGGCCGCTTGACACCGCTCTTTCCTTCCCTTCTTTCGCTTTCCTCGC

2701 GCGCTAGGGCGCTGGCAAGTGTAGCGGTACGCTGCGCGTAACCACCACACCCGCCGCTTAATGCGCCGCTACAGGGCGCGTCAGGTGGCACTTTTC
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2800
   CCGCGATCCCGGACCGTTACATCGCCAGTGCACGCGCATTGGTGGTGTGGGCGGCGGAATTACGCGCGATGTCCCGCGCAGTCCACCGTGAAAAG

                BciV1   BspH1   BsrB1                               Ssp1
                |     |     |     |                                 |
2801 GGGGAAATGTGCGCGGAACCCCTATTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAATAACCCCTGATAAATGCTTCAATAATA
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2900
   CCCCTTTACACGCGCCTTGGGGATAAAACAAATAAAAAGATTTATGTAAGTTTATAACATAGGCGAGTACTCTGTTATTGGGACTATTTACGAAGTTATTAT

                Ear1   Bsu36                               Eci1   Pvu2                               BseY1
                |     |     |     |                                 |     |
2901 TTGAAAAAGGAAGAGTCCCTGAGGCGGAAAGAACCAGCTGTGGAATGTGTGTCAGTTAGGGTGTGGAAGTCCCCAGGCTCCCCAGCAGGCAGAAGTATGC
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3000
   AACTTTTTCTTCTCAGGACTCCGCTTTCTTGGTTCGACACCTTACACACAGTCAATCCCACACCTTTTCAGGGGTCCGAGGGGTCGTCCGTCTTCATACG
```

Nsil  
 Sph1  
 BfrB1  
 BstAP  
 SexA1  
 BseY1  
 Nsil  
 Sph1  
 BfrB1  
 BstAP  
 3001 AAAGCATGCATCTCAATTAGTCAGCAACCAGGTGTGGAAAGTCCCCAGGCTCCCCAGCAGGCAGAAGTATGCAAAGCATGCATCTCAATTAGTCAGCAAC 3100  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 3100  
 TTTCGTACGTAGAGTTAATCAGTCGTTGGTCCACACCTTTTCAGGGGTCCGAGGGTTCGTCCGTCTTCATACGTTTCGTACGTAGAGTTAATCAGTCGTTG

Ecil  
 Ecil  
 Bmr1  
 Ecil  
 Nco1  
 polyA  
 3101 CATAGTCCCGCCCTAACTCCGCCATCCCGCCCTAACTCCGCCAGTTCCGCCATTCTCCGCCCATGGCTGACTAATTTTTTTTATTTATGCAGAG 3200  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 3200  
 GTATCAGGGCGGGGATTGAGGCGGGTAGGGCGGGATTGAGGCGGGTCAAGGCGGGTAAGAGGCGGGTACCGACTGATTAATAAATAAATACGTCTC

sfi1  
 Bgl1  
 SpDon  
 BseR1  
 Avr2  
 Stu1  
 Cla1  
 BsaB1  
 3201 GCCGAGGCCGCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGC AAAGATCGATCAAGAGACAGGATGAGGA 3300  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 3300  
 CGGCTCCGGCGGAGCCGGAGACTCGATAAGGTCTTCATCACTCCTCCGAAAAACCTCCGGATCCGAAAACGTTTCTAGCTAGTTCTCTGTCTACTCCT

BspM1  
 Eag1  
 Bmr1  
 3301 TCGTTTCGCATGATTGAACAAGATGGATTGCACGCAGGTTCTCCGGCCGCTTGGGTGGAGAGGCTATTTCGGCTATGACTGGGCACAACAGACAATCGGCT 3400  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 3400  
 AGCAAAGCGTACTAACTTGTCTACCTAACGTGCGTCCAAGAGGCCGGCGAACCCACCTCTCCGATAAGCCGATACTGACCCGTGTTGTCTGTTAGCCGA

Nar1  
 Kas1  
 Drd1  
 3401 GCTCTGATGCCGCCGTGTTCCGGCTGTCAGCGCAGGGGCGCCCGGTTCTTTTTGTCAAGACCGACCTGTCCGGTGCCTGAATGAACTGCAAGACGAGGC 3500  
 |||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\*|||||\* 3500  
 CGAGACTACGGCGGCACAAGGCCGACAGTCGCGTCCCCGCGGGCCAAGAAAAACAGTTCTGGCTGGACAGGCCACGGGACTTACTTGACGTTCTGTCTCCG









ApaL1                      BseY1

```

TTACCGGATAAGGCGCAGCGGTCTGGGCTGAACGGGGGTTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTG
5001 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5100
AATGGCCTATTCCGCGTCGCCAGCCCCGACTTGCCCCCAAGCACGTGTGTCTGGGTGCGAACCTCGCTTGCTGGATGTGGCTTGACTCTATGGATGTGCAC
    
```

SpAcc                      Eci1                      BciV1                      BssS1

```

AGCTATGAGAAAAGCGCCACGCTTCCCGAAGGGAGAAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCTGGAACAGGAGAGCGCACAGGGGAGCTTCCAGG
5101 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5200
TCGATACTCTTTCGCGGTGCGAAGGGCTTCCCTCTTTCGCGCTGTCCATAGGCCATTTCGCGTCCCAGCCTTGTCTCTCGCGTGTCTCCCTCGAAGGTCC
    
```

SpAcc                      Drd1                      BpuE1                      SpAcc

```

GGGAAACGCCTGGTATCTTTATAGTCCTGTCTGGGTTTTTCGCCACCTCTGACTTGGAGCGTCGATTTTTTGTGATGCTCGTCAGGGGGCGGAGCCTATGGAAA
5201 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5300
CCCTTTGCGGACCATAGAAAATATCAGGACAGCCCAAAGCGGTGGAGACTGAACTCGCAGCTAAAAAACTACGAGCAGTCCCCCGCCTCGGATACCTTT
    
```

Eci1                      SpDon  
BspLU

```

AACGCCAGCAACGCGGCTTTTTACGGTTTCCTGGCCTTTTTGCTGGCCTTTTTGCTCACATGTTCTTTCTGCGTTATCCCCTGATTCTGTGGATAACCGTA
5301 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 5400
TTGCGGTCTGTTGCGCCGGAAAAATGCCAAGGACCGGAAAACGACCGGAAAACGAGTGTACAAGAAAGGACGCAATAGGGGACTAAGACACCTATTGGCAT
    
```

Nsi1  
BfrB1

```

TTACCGCCATGCAT
5401 |||||*||| 5414
AATGGCGGTACGTA
    
```

Found:

Aat2	<b>Afe1</b>	<b>Afl2</b>	<b>Age1</b>	<b>Ale1</b>	AlwN1	ApaL1	<b>Ase1</b>	Avr2	<b>BamH1</b>	Bbs1	<b>Bcg1a</b>	<b>Bcg1b</b>	BciV1
<b>Bcl1</b>	BfrB1	Bgl1	<b>Bgl2</b>	Bmr1	Bpm1	<b>Bpu10</b>	BpuE1	Bsa1	BsaB1	BsaXa	BsaXb	BseR1	BseY1
Bsm1	<b>BsmB1</b>	BspH1	<b>BspLU</b>	BspM1	BsrB1	<b>BsrD1</b>	BsrG1	BssS1	BstAP	BstB1	<b>BstX1</b>	Bsu36	BtgZ1
<b>Bts1</b>	_Chi	<b>Clal</b>	Dra1	Dra3	Drd1	Eag1	Ear1	Ecil	<b>Ecl2</b>	Eco57	<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>	Not1	Nsi1	<b>PflF1</b>	<b>PflM1</b>
<b>Pml1</b>	polyA	<b>PshA1</b>	Psi1	<b>Pst1</b>	Pvu2	<b>Rsr2</b>	<b>Sac1</b>	<b>Sand1</b>	Sap1	<b>SexA1</b>	<b>Sfi1</b>	<b>SnaB1</b>	SpAcc
SpDon	Sph1	Ssp1	Stu1	<b>T7Ter</b>	<b>Xba1</b>	<b>Xho1</b>							

Unique:

<b>Afe1</b>	<b>Afl2</b>	<b>Age1</b>	<b>Ale1</b>	<b>Ase1</b>	<b>BamH1</b>	<b>Bcg1a</b>	<b>Bcg1b</b>	<b>Bcl1</b>	<b>Bgl2</b>	<b>Bpu10</b>	<b>BsmB1</b>	<b>BspLU</b>	<b>BsrD1</b>
<b>BstX1</b>	<b>Bts1</b>	<b>Clal</b>	<b>Ecl2</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>PflF1</b>
<b>PflM1</b>	<b>Pml1</b>	<b>PshA1</b>	<b>Pst1</b>	<b>Rsr2</b>	<b>Sac1</b>	<b>Sand1</b>	<b>SexA1</b>	<b>Sfi1</b>	<b>SnaB1</b>	<b>T7Ter</b>	<b>Xba1</b>	<b>Xho1</b>	

Not found:

Aar1	Acc65	Acl1	Ahd1	Apal	Asc1	AsiS1	Baela	Baelb	BbvC1	Blp1	BmgB1	Bsg1	BsiW1
BspE1	BssH2	BstE2	BstZ1	BxatB	BxatL	BxatR	BxatP	EcoK	EcoN1	EcoRV	FCatB	FCatL	FCatR
FCatP	ScFRT	Fse1	FspA1	I_Ceu	Kpn1	loxP	Mlu1	Nru1	Pac1	Pme1	PspOM	Pvu1	R4atB
R4atL	R4atP	R4atR	Sac2	Sall	Sbf1	Sca1	Sgf1	SgrA1	Sma1	Spe1	Srf1	Swal	T3RNA
T7RNA	PISce	Xcm1	Xmn1										

Excluded by site complexity:

Acc1	Acil	Afl3	Alu1	Alw1	Apo1	Ava1	Ava2	Ban1	Ban2	Bbv1	BceA1	Bfal	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	Faul	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													