

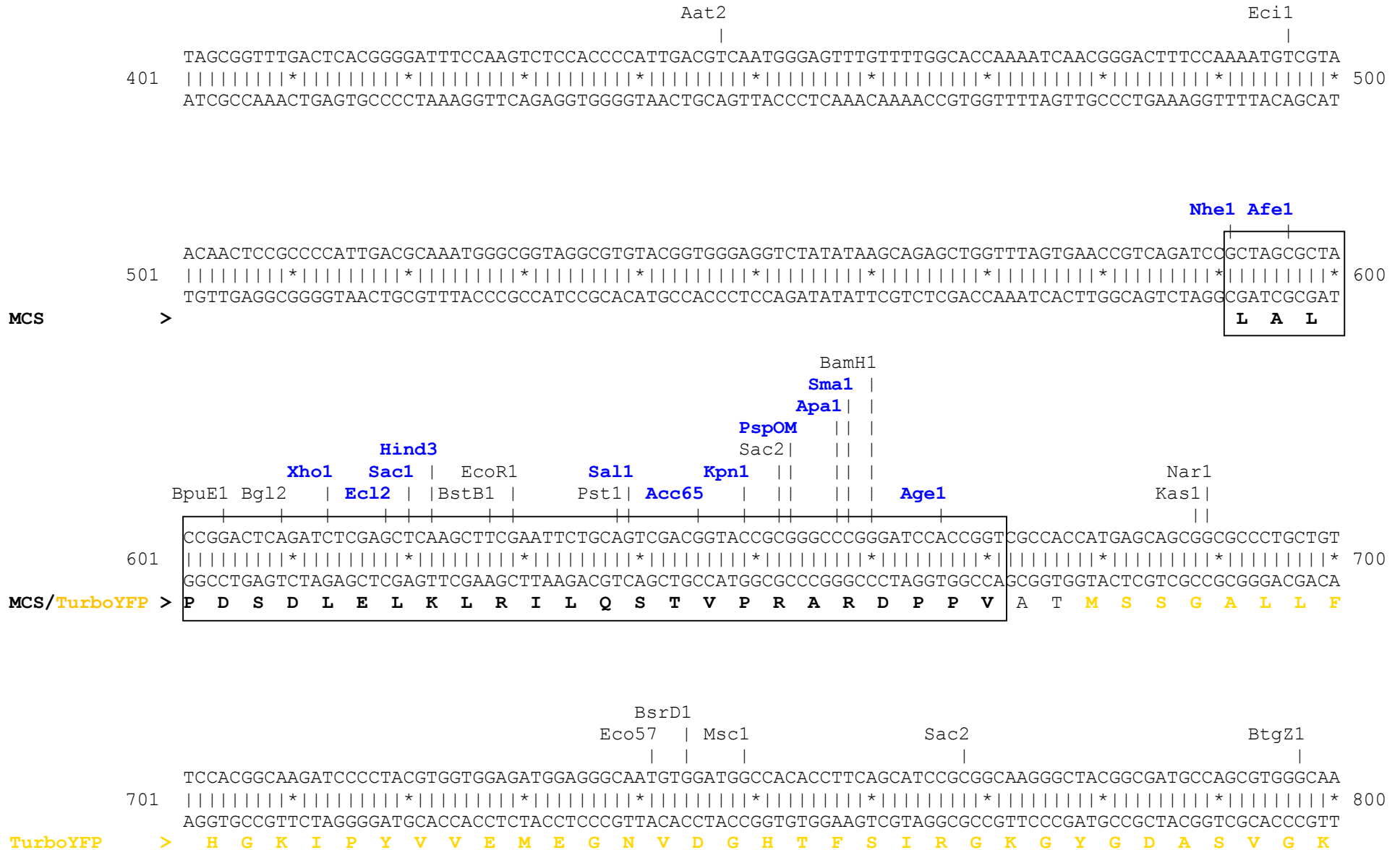
peTurboYFP-dest1 vector restriction map

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 basepairs long are not included – for the more complete enzyme list please refer to the Table of restriction sites.

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

MCS sequence shown in frame, amino acids coded by MCS and MODC amino acids are shown in bold black.





Bsg1 Bmr1 SgrA1 BtgZ1 BstE2 Ale1 Bpm1 Nar1 Kas1 Bmr1
GGTGGATGCCAGTTCATCTGCACCACCGGCGATGTGCCCGTGCCCTGGAGCACCCCTGGTGACCACCCTGACCTACGGCGCCCAGTGCTTCGCCAAGTAC
801 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 900
CCACCTACGGGTCAAGTAGACGTGGTGGCCGCTACACGGGCACGGGACCTCGTGGGACCACTGGTGGGACTGGATGCCCGGGTTCACGAAGCGGTTTCATG
TurboYFP > V D A Q F I C T T G D V P V P W S T L V T T L T Y G A Q C F A K Y

SpAcc Xmn1 Eco57 Sph1 Bsg1 BtgZ1
GGCCCCGAGCTGAAGGATTTCTACAAGAGCTGCATGCCCGATGGCTACGTGCAGGAGCGCACCATCACCTTCGAGGGCGATGGCAATTTCAAGACCCGCG
901 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1000
CCGGGCTCGACTTCCTAAAGATGTTCTCGACGTACGGGCTACCGATGCACGTCCCTCGCGTGGTAGTGGAAGCTCCCGCTACCGTTAAAGTTCTGGGCGC
TurboYFP > G P E L K D F Y K S C M P D G Y V Q E R T I T F E G D G N F K T R A

BstE2 BsrG1 Msc1 PflM1 BseY1 Pml1
CCGAGGTGACCTTCGAGAATGGCAGCGTGTACAATCGCGTGAAGCTGAATGGCCAGGGCTTCAAGAAGGATGGCCACGTGCTGGGCAAGAATCTGGAGTT
1001 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1100
GGCTCCACTGGAAGCTCTTACCGTTCGCACATGTTAGCGCACTTCGACTTACCGGTCCCAGGTTCTTCCTACCGGTGCACGACCCGTTCTTAGACCTCAA
TurboYFP > E V T F E N G S V Y N R V K L N G Q G F K K D G H V L G K N L E F

Bpm1 Bts1 BsrG1 Sap1 Ear1 Eco57 BssS1
CAATTTACCCCCACTGCCTGTACATCTGGGGCGATCAGGCCAATCACGGCCTGAAGAGCGCCTTCAAATCTGCCACGAGATCACCGGCAGCAAGGGC
1101 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1200
GTTAAAGTGGGGGTGACGGACATGTAGACCCGCTAGTCCGGTTAGTGCCGGACTTCTCGCGGAAGTTTTAGACGGTGTCTAGTGCCCGTTCGTTCCCG
TurboYFP > N F T P H C L Y I W G D Q A N H G L K S A F K I C H E I T G S K G

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                                     ApaL1 Pml1                                     Pml1 Blp1
                                     | |                                     | |
1201 GATTCATCGTGGCCGATCACACCCAGATGAATACCCCATCGGCGGGGCCCGTGCACGTGCCCAGTACCACCACATGAGCTACCACGTGAAGCTGA
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1300
    CTAAAGTAGCACCGCTAGTGTGGGTCTACTTATGGGGGTAGCCGCCGGGGGCACGTGCACGGGCTCATGGTGGTGTACTCGATGGTGCACCTTCGACT
TurboYFP > D F I V A D H T Q M N T P I G G G P V H V P E Y H H M S Y H V K L S

                                     Bsa1
                                     SpAcc|                                     BssH2 Eco57                                     BspE1
                                     || | |                                     | |                                     |
1301 GCAAGGATGTGACCGATCACCGGATAATATGAGCCTGAAGGAGACCGTGCAGCGCCGTGGATTGCCGCAAGACCTACGACTTCGACGCCGGTTCCGGAGA
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1400
    CGTTCCTACACTGGCTAGTGGCGCTATTATACTCGGACTTCTCTGGCACGCGGGCACCTAACGGCGTTCTGGATGCTGAAGCTGCGGCCAAGGCCTCT
TurboYFP > K D V T D H R D N M S L K E T V R A V D C R K T Y D F D A G S G D

                                     NaeI
                                     Bsa1 SgrA1 |
                                     Bgl2 Nco1 NgoM4 |                                     BsrB1
                                     | | | |                                     |
1401 TACAAGCTCCGGTCTCAGATCTCGAATCAGCCATGGCTTCCC GCCGGCGGTGGCGGCGCAGGATGATGGCACGCTGCCCATGTCTTGTGCCCAGGAGAGC
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1500
    ATGTTTCGAGGCCAGAGTCTAGAGCTTAGTTCGGTACCGAAGGGCGGCCACC GCCCGCTCTACTACCGTGCAGCGGGTACAGAACACGGGTCTCTCG
TurboYFP/MODC > T S S G L R S R I S H G F P P A V A A Q D D G T L P M S C A Q E S

                                     BstAP                                     Not1 BamH1
                                     Pst1 |                                     Eag1 Pml1 |
                                     | |                                     Bsg1 Eco57 |
                                     | |                                     | |
1501 GGGATGGACCGTCAACCTGCAGCCTGTGCTTCTGCTAGGATCAATGTGTAGGCGGCCGCGTGACAAGCTGCACGTGGATCCTGAGAACTTCAGGGTGTAGT
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1600
    CCCTACCTGGCAGTGGGACGTTCGGACACGAAGACGATCCTAGTTACACATCCGCCGGCGCACTGTTTCGACGTGCACCTAGGACTCTTGAAGTCCCACTCA
MODC > G M D R H P A A C A S A R I N V *

                                     SanD1
                                     |
1601 CTATGGGACCCTTGATGTTTTCTTTCCCCTTCTTTTCTATGGTTAAGTTCATGTCATAGGAAGGGGATAAGTAACAGGGTACAGTTTAGAATGGGAAACA
    |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1700
    GATACCCTGGGAAC TACAAAAGAAAGGGGAAGAAAAGATAACCAATTCAAGTACAGTATCCTTCCCCTATTTCATTGTCCCATGTCAAATCTTACCCTTTGT

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                    polyA          MfeI
                    |              |
1701  GACGAATGATTGCATCAGTGTGGAAGTCTCAGGATCGTTTTAGTTTCTTTTATTTGCTGTTTATAACAATTGTTTTCTTTGTTAATTCTTGCTTTCTT
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|| 1800
      CTGCTTACTAACGTAGTCACACCTTCAGAGTCCTAGCAAAATCAAAGAAAATAAACGACAAGTATTGTTAACAAAAGAAAACAAATTAAGAACGAAAGAA

                    SpDon
                    |
1801  TTTTTTTCTTCTCCGCAATTTTACTATTATACTTAATGCCTTAACATTGTGTATAACAAAAGGAAATATCTCTGAGATACATTAAGTAACTTAAAAAAA
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|| 1900
      AAAAAAGAAGAGGCGTTAAAAATGATAATATGAATTACGGAATTGTAACACATATTGTTTTCTTTATAGAGACTCTATGTAATTCATTGAATTTTTTT

                                                    polyA      polyA
                                                    |          |
1901  AACTTTACACAGTCTGCCTAGTACATTTACTATTTGGAATATATGTGTGCTTATTTGCATATTCATAATCTCCCTACTTTATTTCTTTTATTTTAATTG
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|| 2000
      TTGAAATGTGTCAGACGGATCATGTAATGATAAACCTTATATACACACGAATAAACGTATAAGTATTAGAGGGATGAAATAAAAGAAAATAAAAATTAAC

                    BsrG1                      DraI
                    |                          |
2001  ATACATAATCATTATACATATTTATGGGTAAAGTGTAATGTTTAAATATGTGTACACATATTGACCAAATCAGGGTAATTTTGCATTTGTAATTTTAAA
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|| 2100
      TATGTATTAGTAATATGTATAAAATACCCAATTTACATTACAAAATTATACACATGTGTATAACTGGTTTAGTCCCATTAAAACGTAAACATTAAAATTT

                                                    SpAcc
                                                    |
2101  AAATGCTTTCTTCTTTTAAATATACTTTTTTGTATCTTATTTCTAATACTTTCCCTAATCTCTTTCTTTTCAGGGCAATAATGATACAATGTATCATGCC
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|| 2200
      TTTACGAAAAGAAGAAAATTATATGAAAAACAAAATAGAATAAAGATTATGAAAGGGATTAGAGAAAAGAAAGTCCCGTTATTACTATGTTACATAGTACGG

                    Ssp1          Ssp1                      SpDon
                    |              |                          |
2201  TCTTTGCACCATTTCTAAAGAATAACAGTGATAATTTCTGGGTTAAGGCAATAGCAATATTTCTGCATATAAATATTTCTGCATATAAATTGTAACTGATG
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|| 2300
      AGAAACGTGGTAAGATTTCTTATTGTCACTATTAAAGACCCAATTCCGTTATCGTTATAAAGACGTATATTTATAAAGACGTATATTTAACATTGACTAC

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polyA
|
TAAGAGGTTTCATATTGCTAATAGCAGCTACAATCCAGCTACCATTCTGCTTTTATTTATGGTTGGGATAAGGCTGGATTATTCTGAGTCCAAGCTAGG
2301 | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | 2400
ATTCTCCAAAGTATAACGATTATCGTCGATGTTAGGTCGATGGTAAGACGAAAATAAAAATACCAACCCCTATTCCGACCTAATAAGACTCAGGTTTCGATCC

AlwN1
SpAcc | BstX1 EcoR1
| | | | |
CCCTTTTGCTAATCATGTTTCATACTTCTTATCTTCCTCCCACAGCTCCTGGGCAACGTGCTGGTCTGTGTGCTGGCCCATCACTTTGGCAAAGAATTCAC
2401 | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | 2500
GGGAAAACGATTAGTACAAGTATGAAGAATAGAAGGAGGGTGTGTCGAGGACCCGTTGCACGACCAGACACACGACCGGGTAGTGAAACCGTTTCTTAAGTG

Bsg1
|
CCCACCAGTGCAGGCTGCCTATCAGAAAGTGGTGGCTGGTGTGGCTAATGCCCTGGCCCACAAGTATCACTAAGCTCGCTTTTCTTGCTGTCCAATTTCTA
2501 | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | 2600
GGGTGGTCACGTCCGACGGATAGTCTTTACCACCGACACACCGATTACGGGACCGGGTGTTCATAGTGATTTCGAGCGAAAGAACGACAGGTTAAAGAT

Bmr1 BpuE1 BsaB1
| | |
TTAAAGGTTCCCTTTGTTCCCTAAGTCCAACCTAACTGGGGATATTATGAAGGGCCTTGAGCATTGGATTCTGCCTCTAGATCATAATCAGCCATAC
2601 | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | 2700
AATTTCCAAGGAAACAAGGGATTCCAGGTTGATGATTTGACCCCTATAATACTTCCCGGAAGTCGTAACCTAAGACGGAGATCTAGTATTAGTCGGTATG

SpDon Dra1 Bsm1 MfeI Hpa1
| | | |
CACATTTGTTAGAGGTTTTACTTGTCTTTAAAAAACCTCCCACACCTCCCCCTGAACTGAAACATAAAAATGAATGCAATTGTTGTTGTTAACTTGTTTTATT
2701 | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | 2800
GTGTAAACATCTCCAAAATGAACGAAATTTTTTGGAGGGGTGTGGAGGGGGACTTGGACTTTGTATTTTACTTACGTTAAACAACAACAATTGAACAAATAA

polyA Psil polyA polyA Bts1 Bsm1
| | | | |
GCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTACAAATAAAGCATTTTTTCACTGCATTCTAGTTGTGGTTTTGTCCAAACTCATCA
2801 | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | 2900
CGTCGAATATTACCAATGTTTATTTTCGTTATCGTAGTGTTTAAAGTGGTTTATTTTCGTAAAAAAGTGACGTAAGATCAACACCAAACAGGTTTGTAGTAGT

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          Af12          SpDon          Ssp1
          |             |             |
2901 ATGTATCTTAAGGCGTAAATTGTAAGCGTTAATATTTTGTAAAATTTCGCGTTAAATTTTTGTAAATCAGCTCATTTTTTTAACCAATAGGCCGAAATCG
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3000
   TACATAGAATTCCGCATTTAACATTTCGCAATTATAAAAACAATTTTAAAGCGCAATTTAAAAACAATTTAGTCGAGTAAAAAATTGGTTATCCGGCTTTAGC

          Psi1          BsaXb          Drd1
          |             |             |
3001 GCAAAATCCCTTATAAAATCAAAAGAATAGACCGAGATAGGGTTGAGTGTGTTCAGTTTGGAAACAAGAGTCCACTATTAAAGAACGTGGACTCCAACGT
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3100
   CGTTTTAGGGAATATTTAGTTTTCTTATCTGGCTCTATCCCAACTACAACAAGGTCAAACCTTGTTCAGGTGATAATTTCTTGACCTGAGGTTGCA

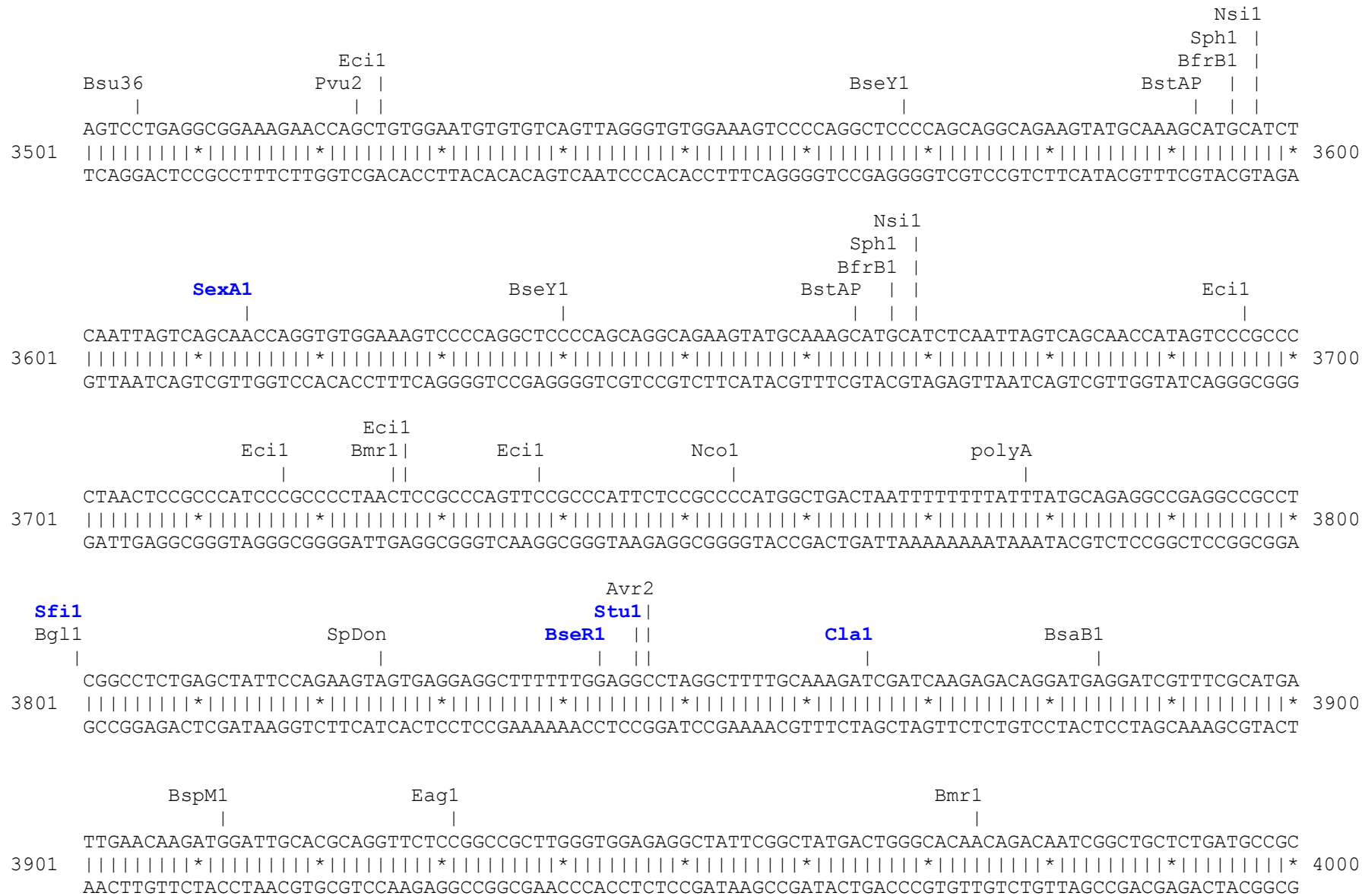
          BsaXa          BtgZ1          Dra3
          |             |             ||
3101 CAAAGGCGAAAAACCGTCTATCAGGGCGATGCCCCACTACGTGAACCATCACCCCTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAAAGCACTAAATCGG
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3200
   GTTCCCGCTTTTTGGCAGATAGTCCCGCTACCGGGTGATGCACTTGGTAGTGGGATTAGTTCAAAAAACCCAGCTCCACGGCATTTCGTGATTTAGCC

          Nae1
          |
          SpAcc          NgoM4          BsrB1
          |             |             |
3201 AACCTAAAGGGAGCCCCGATTTAGAGCTTGACGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGAAAGCGAAAGGAGCGGGCGCTAGGGCGC
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3300
   TTGGGATTTCCCTCGGGGGCTAAATCTCGAACTGCCCTTTCGGCCGCTTGCACCGCTCTTCCCTTCCCTTCTTTCGCTTTCCTCGCCCGGATCCCCGG

          TGGCAAGTGTAGCGGTCACGCTGCGCGTAACCACCACACCCGCCGCGCTTAATGCGCCGCTACAGGGCGCGTCAGGTGGCACTTTTCGGGGAAATGTGCG
3301 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3400
   ACCGTTACATCGCCAGTGCGACGCGCATTTGGTGGTGTGGGCGGCGGAATTACGCGGCGATGTCCCGCGCAGTCCACCGTGAAAAGCCCCCTTTACACGC

          BciV1
          BspH1 |
          BsrB1 | |
          polyA |
          |     |
          Ssp1  Ear1
          |     |
3401 CGGAACCCCTATTTGTTTATTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAG
   |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 3500
   GCCTTGGGGATAAACAAATAAAAAGATTTATGTAAGTTTATACATAGGCGAGTACTCTGTTATTGGGACTATTTACGAAGTTATTATAACTTTTTCTTTC

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Bsa1
|

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5001  ACTCTGTCGATACCCACCGAGACCCATTGGGGCCAATACGCCCGGTTTCTTCTTTTCCCCACCCACCCCAAGTTCGGGTGAAGGCCAGGGCT
| | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | *
TGAGACAGCTATGGGGTGGCTCTGGGGTAACCCCGGTTATGCGGGCGCAAAGAAGGAAAAGGGGTGGGGTGGGGGGTTC AAGCCCACTTCCGGGTCCC GA 5100

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BstAP            AlwN1            Bsu36            Dra1            Dra1
|               |                 |               |               |
5101  CGCAGCCAACGTCGGGGCGGCAGGCCCTGCCATAGCCTCAGGTTACTCATATATACTTTAGATTGATTTAAACTTCATTTTTAATTTAAAAGGATCTAG
| | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | *
GCGTCGGTTCAGCCCCGCGTCCGGGACGGTATCGGAGTCCAATGAGTATATATGAAATCTAACTAAATTTTGAAGTAAAAATTAATTTTCTAGATC 5200

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BspH1
|

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5201  GTGAAGATCCTTTTTTGATAATCTCATGACCAAAAATCCCTTAACGTGAGTTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTT
| | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | *
CACTTCTAGGAAAAACTATTAGAGTACTGGTTTTAGGGAATTGCACTCAAAGCAAGGTGACTCGCAGTCTGGGGCATCTTTTCTAGTTTCTTAGAAGAA 5300

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BpuE1
|

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5301  GAGATCCTTTTTTCTGCGGTAATCTGCTGCTTGCAAACAAAAAAACCACCGCTACCAGCGGTGGTTTGTTTGCCGGATCAAGAGCTACCAACTCTTTT
| | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | *
CTCTAGGAAAAAAGACGCGCATTAGACGACGAACGTTTGTTTTTTTGGTGCGGATGGTCGCCACCAAACAACGGCCTAGTTCTCGATGGTTGAGAAAA 5400

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Eco57              SpAcc
|                  |
5401  TCCGAAGGTAAC TGGCTTCAGCAGAGCGCAGATACCAAATACTGTCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCGCCT
| | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | *
AGGCTTCCATFGACCGAAGTCGTCTCGGTCTATGGTTTATGACAGGAAGATCACATCGGCATCAATCCGGTGGTGAAGTTCTTGAGACATCGTGGCGGA 5500

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```

AlwN1              BpuE1
|                  |
5501  ACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGCGGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAGG
| | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | * | | | | | *
TGATATGGAGCGAGACGATTAGGACAATGGTCACCGACGACGGTCACCGCTATTCAGCACAGAATGGCCCAACCTGAGTTCTGCTATCAATGGCCTATTCC 5600

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Found:

Aat2	Acc65	Afe1	Afl2	Age1	Ale1	AlwN1	Apa1	ApaL1	Ase1	Avr2	BamH1	BciV1	BfrB1
Bgl1	Bgl2	Blp1	Bmr1	Bpm1	BpuE1	Bsa1	BsaB1	BsaXa	BsaXb	BseR1	BseY1	Bsg1	Bsm1
BspE1	BspH1	BspLU	BspM1	BsrB1	BsrD1	BsrG1	BssH2	BssS1	BstAP	BstB1	BstE2	BstX1	Bsu36
BtgZ1	Bts1	Clal	Dra1	Dra3	Drd1	Eag1	Ear1	Eci1	Ecl2	Eco57	EcoR1	Fsp1	Hind3
Hpa1	Kas1	Kpn1	Mfe1	Msc1	Nae1	Nar1	Nco1	Nde1	NgoM4	Nhe1	Not1	Nsi1	PflF1
PflM1	Pml1	polyA	Psi1	PspOM	Pst1	Pvu2	Rsr2	Sac1	Sac2	Sall1	SanD1	Sap1	SexA1
Sfi1	SgrA1	Sma1	SnaB1	SpAcc	SpDon	Sph1	Ssp1	Stu1	Xba1	Xho1	Xmn1		

Unique:

Acc65	Afe1	Afl2	Age1	Ale1	Apa1	Ase1	Blp1	BsaXa	BsaXb	BseR1	BspE1	BspLU	BssH2
BstX1	Clal	Dra3	Ecl2	Fsp1	Hind3	Hpa1	Kpn1	Nde1	Nhe1	Not1	PflF1	PflM1	PspOM
Rsr2	Sac1	Sall1	SanD1	SexA1	Sfi1	Sma1	SnaB1	Stu1	Xba1	Xho1	Xmn1		

Not found:

Aar1	Ac11	Ahd1	Asc1	AsiS1	Baela	Baelb	Bbs1	BbvC1	Bcg1a	Bcg1b	Bcl1	BmgB1	Bpu10
BsiW1	BsmB1	BstZ1	BxatB	BxatL	BxatR	BxatP	_Chi	EcoK	EcoN1	EcoRV	FCatB	FCatL	FCatR
FCatP	ScFRT	Fse1	FspA1	I_Ceu	loxP	Mlu1	Nru1	Pac1	Pme1	PshA1	Pvu1	R4atB	R4atL
R4atP	R4atR	Sbf1	Sca1	Sgf1	Spe1	Srf1	Swal	T3RNA	T7RNA	T7Ter	PISce	Xcm1	

Excluded by site complexity:

Acc1	Aci1	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													