**p2FP-RNAi 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 is shown in frame.

```
        Ase1                                                                                  Bgl1
          |                                                                                     |
    TAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTTACGGTAAATGGCCCGCCTGGCTGACCG
  1 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 100
    ATCAATAATTATCATTAGTTAATGCCCCAGTAATCAAGTATCGGGTATATACCTCAAGGCGCAATGTATTGAATGCCATTTACCGGGCGGACCGACTGGC

                         Aat2                                                  Aat2
                           |                                                     |
    CCCAACGACCCCCGCCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCCATTGACGTCAATGGGTGGAGTATTTACGGT
101 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 200
    GGGTTGCTGGGGGCGGGTAACTGCAGTTATTACTGCATACAAGGGTATCATTGCGGTTATCCCTGAAAGGTAACTGCAGTTACCCACCTCATAAATGCCA

            Bgl1                  Nde1                        Aat2                  Bgl1  Bmr1
              |                     |                           |                     |     |
    AAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGGCCCGCCTGGCATTATGCCCAGTA
201 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 300
    TTTGACGGGTGAACCGTCATGTAGTTCACATAGTATACGGTTCATGCGGGGGATAACTGCAGTTACTGCCATTTACCGGGCGGACCGTAATACGGGTCAT

                                  BtgZ1 SnaB1                Nco1
                                    |     |                    |
    CATGACCTTATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGATGCGGTTTTGGCAGTACATCAATGGGCGTGGA
301 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 400
    GTACTGGAATACCCTGAAAGGATGAACCGTCATGTAGATGCATAATCAGTAGCGATAATGGTACCACTACGCCAAAACCGTCATGTAGTTACCCGCACCT
```

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                                                  Aat2                                                  Eci1
                                                    |                                                     |
            TAGCGGTTTGACTCACGGGGATTTCCAAGTCTCCACCCCATTGACGTCAATGGGAGTTTGTTTTGGCACCAAAATCAACGGGACTTTCCAAAATGTCGTA
        401 |********|********|********|********|********|********|********|********|********|********|********| 500
            ATCGCCAAACTGAGTGCCCCTAAAGGTTCAGAGGTGGGGTAACTGCAGTTACCCTCAAACAAAACCGTGGTTTTAGTTGCCCTGAAAGGTTTTACAGCAT

                                                                                                Nhe1 Afe1
                                                                                                  |    |
            ACAACTCCGCCCCATTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGCTGGTTTAGTGAACCGTCAGATCCGCTAGCGCTA
        501 |********|********|********|********|********|********|********|********|********|********|********| 600
            TGTTGAGGCGGGGTAACTGCGTTTACCCGCCATCCGCACATGCCACCCTCCAGATATATTCGTCTCGACCAAATCACTTGGCAGTCTAGGCGATCGCGAT

                                                Nco1
         Age1       Nco1             BsrB1   BsaXa   |                      BsaXb
            |          |                 |       |   |                        |
            CCGGTCGCCACCATGGAGAGCGACGAGAGCGGCCTGCCCGCCATGGAGATCGAGTGCCGCATCACCGGCACCCTGAACGGCGTGGAGTTCGAGCTGGTGG
        601 |********|********|********|********|********|********|********|********|********|********|********| 700
            GGCCAGCGGTGGTACCTCTCGCTGCTCTCGCCGGACGGGCGGTACCTCTAGCTCACGGCGTAGTGGCCGTGGGACTTGCCGCACCTCAAGCTCGACCACC
TurboGFP     >             M  E  S  D  E  S  G  L  P  A  M  E  I  E  C  R  I  T  G  T  L  N  G  V  E  F  E  L  V

                                                                                                      PflM1
                                                                                                    Pml1  |
                                                                  Nar1                        BspM1   |  |
                                              Sap1              Kas1|                        BfuA1   |  |
         _Chi               Eci1              Ear1         Eco57   ||                      Blp1   |   |  |
            |                  |                 |             |   ||                        |   |   |  |
            GCGGCGGAGAGGGCACCCCCGAGCAGGGCCGCATGACCAACAAGATGAAGAGCACCAAAGGCGCCCTGACCTTCAGCCCCTACCTGCTGAGCCACGTGAT
        701 |********|********|********|********|********|********|********|********|********|********|********| 800
            CGCCGCCTCTCCCGTGGGGGCTCGTCCCGGCGTACTGGTTGTTCTACTTCTCGTGGTTTCCGCGGGACTGGAAGTCGGGGATGGACGACTCGGTGCACTA
TurboGFP     > G  G  G  E  G  T  P  E  Q  G  R  M  T  N  K  M  K  S  T  K  G  A  L  T  F  S  P  Y  L  L  S  H  V  M

                                      BseY1     Bsg1     Xmn1
                                         |        |        |
            GGGCTACGGCTTCTACCACTTCGGCACCTACCCCAGCGGCTACGAGAACCCCTTCCTGCACGCCATCAACAACGGCGGCTACACCAACACCCGCATCGAG
        801 |********|********|********|********|********|********|********|********|********|********|********| 900
            CCCGATGCCGAAGATGGTGAAGCCGTGGATGGGGTCGCCGATGCTCTTGGGGAAGGACGTGCGGTAGTTGTTGCCGCCGATGTGGTTGTGGGCGTAGCTC
TurboGFP     >   G  Y  G  F  Y  H  F  G  T  Y  P  S  G  Y  E  N  P  F  L  H  A  I  N  N  G  G  Y  T  N  T  R  I  E
```

```
                                                          Fse1
                                                       Nae1 |
                                                       Eag1 |
                Bsg1      Eco57     Pml1                NgoM4 | |
                   |          |        |                    | | |
            AAGTACGAGGACGGCGGCGTGCTGCACGTGAGCTTCAGCTACCGCTACGAGGCCGGCCGCGTGATCGGCGACTTCAAGGTGATGGGCACCGGCTTCCCCG
        901 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 1000
            TTCATGCTCCTGCCGCCGCACGACGTGCACTCGAAGTCGATGGCGATGCTCCGGCCGGCGCACTAGCCGCTGAAGTTCCACTACCCGTGGCCGAAGGGGC
TurboGFP    >  K  Y  E  D  G  G  V  L  H  V  S  F  S  Y  R  Y  E  A  G  R  V  I  G  D  F  K  V  M  G  T  G  F  P

                                                                  Nco1
                                                                 BspM1
                                                                 BfuA1
                                                 Bsg1             Aar1       BsaB1        Eco57
                                                   |                |           |            |
            AGGACAGCGTGATCTTCACCGACAAGATCATCCGCAGCAACGCCACCGTGGAGCACCTGCACCCCATGGGCGATAACGATCTGGATGGCAGCTTCACCCG
       1001 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 1100
            TCCTGTCGCACTAGAAGTGGCTGTTCTAGTAGGCGTCGTTGCGGTGGCACCTCGTGGACGTGGGGTACCCGCTATTGCTAGACCTACCGTCGAAGTGGGC
TurboGFP    > E  D  S  V  I  F  T  D  K  I  I  R  S  N  A  T  V  E  H  L  H  P  M  G  D  N  D  L  D  G  S  F  T  R

                        BsaXb                        BsaXa                        BseY1         Pst1  PspOM
                           |                            |                            |            |      |
            CACCTTCAGCCTGCGCGACGGCGGCTACTACAGCTCCGTGGTGGACAGCCACATGCACTTCAAGAGCGCCATCCACCCCAGCATCCTGCAGAACGGGGGC
       1101 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 1200
            GTGGAAGTCGGACGCGCTGCCGCCGATGATGTCGAGGCACCACCTGTCGGTGTACGTGAAGTTCTCGCGGTAGGTGGGGTCGTAGGACGTCTTGCCCCCG
TurboGFP    >   T  F  S  L  R  D  G  G  Y  Y  S  S  V  V  D  S  H  M  H  F  K  S  A  I  H  P  S  I  L  Q  N  G  G

            Eci1
         Apa1  |                                BseR1   BseY1
            |  |                                   |       |
            CCCATGTTCGCCTTCCGCCGCGTGGAGGAGGATCACAGCAACACCGAGCTGGGCATCGTGGAGTACCAGCACGCCTTCAAGACCCCGGATGCAGATGCCG
       1201 |||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||*||||||||||* 1300
            GGGTACAAGCGGAAGGCGGCGCACCTCCTCCTAGTGTCGTTGTGGCTCGACCCGTAGCACCTCATGGTCGTGCGGAAGTTCTGGGGCCTACGTCTACGGC
TurboGFP    >  P  M  F  A  F  R  R  V  E  E  D  H  S  N  T  E  L  G  I  V  E  Y  Q  H  A  F  K  T  P  D  A  D  A
```

```
                          Xho1    Hind3             Kpn1
                 BpuE1 Bgl2   |   Sac1 |   Sal1 Acc65   | Sma1            BsaB1
                    |     |    |      | |      |     |    |                 |
      GTGAAGAATGATCCCGGAAGATCTCGAGCTCAAGCTTCGTCGACGGTACCGCCCGGGACTCTAGCTAGATCATAATCAGCCATACCACATTTGTAGAGGT
1301  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 1400
      CACTTCTTACTAGGGCCTTCTAGAGCTCGAGTTCGAAGCAGCTGCCATGGCGGGCCCTGAGATCGATCTAGTATTAGTCGGTATGGTGTAAACATCTCCA
TurboGFP    > G  E  E  *

                                                          Bsm1
                Dra1                                     Mfe1|        Hpa1                Psi1
                   |                                        ||           |                   |
      TTTACTTGCTTTAAAAAACCTCCCACACCTCCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGTTAACTTGTTTATTGCAGCTTATAATGGT
1401  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 1500
      AAATGAACGAAATTTTTTGGAGGGTGTGGAGGGGGACTTGGACTTTGTATTTTACTTACGTTAACAACAACAATTGAACAAATAACGTCGAATATTACCA

                                                 Bts1 Bsm1                                        Mlu1
                                                    |    |                                           |
      TACAAATAAAGCAATAGCATCACAAATTTCACAAATAAAGCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCAATGTATCTTAACGCG
1501  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 1600
      ATGTTTATTTCGTTATCGTAGTGTTTAAAGTGTTTATTTCGTAAAAAAAGTGACGTAAGATCAACACCAAACAGGTTTGAGTAGTTACATAGAATTGCGC

                    Ssp1                                                                          Psi1
                       |                                                                             |
      TAAATTGTAAGCGTTAATATTTTGTTAAAATTCGCGTTAAATTTTTGTTAAATCAGCTCATTTTTTAACCAATAGGCCGAAATCGGCAAAATCCCTTATA
1601  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 1700
      ATTTAACATTCGCAATTATAAAACAATTTTAAGCGCAATTTAAAAACAATTTAGTCGAGTAAAAAATTGGTTATCCGGCTTTAGCCGTTTTAGGGAATAT

                                                                BsaXb                 Drd1    BsaXa
                                                                   |                     |        |
      AATCAAAAGAATAGACCGAGATAGGGTTGAGTGTTGTTCCAGTTTGGAACAAGAGTCCACTATTAAAGAACGTGGACTCCAACGTCAAAGGGCGAAAAAC
1701  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 1800
      TTAGTTTTCTTATCTGGCTCTATCCCAACTCACAACAAGGTCAAACCTTGTTCTCAGGTGATAATTTCTTGCACCTGAGGTTGCAGTTTCCCGCTTTTTG

                              BtgZ1
                              Dra3|
                                 ||
      CGTCTATCAGGGCGATGGCCCACTACGTGAACCATCACCCTAATCAAGTTTTTTGGGGTCGAGGTGCCGTAAAGCACTAAATCGGAACCCTAAAGGGAGC
1801  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 1900
      GCAGATAGTCCCGCTACCGGGTGATGCACTTGGTAGTGGGATTAGTTCAAAAAACCCCAGCTCCACGGCATTTCGTGATTTAGCCTTGGGATTTCCCTCG
```

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                                Nae1
                            NgoM4 |                                     BsrB1
                                | |                                       |
      CCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGGAAGAAAGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGG
1901  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2000
      GGGGCTAAATCTCGAACTGCCCCTTTCGGCCGCTTGCACCGCTCTTTCCTTCCCTTCTTTCGCTTTCCTCGCCCGCGATCCCGCGACCGTTCACATCGCC

      TCACGCTGCGCGTAACCACCACACCCGCCGCGCTTAATGCGCCGCTACAGGGCGCGTCAGGTGGCACTTTTCGGGGAAATGTGCGCGGAACCCCTATTTG
2001  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2100
      AGTGCGACGCGCATTGGTGGTGTGGGCGGCGCGAATTACGCGGCGATGTCCCGCGCAGTCCACCGTGAAAAGCCCCTTTACACGCGCCTTGGGGATAAAC

                                      BciV1
                                  BspH1  |
                                BsrB1 |  |                            Ssp1  Ear1        Bsu36
                                    | |  |                              |     |            |
      TTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTCCTGAGGCGGAA
2101  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2200
      AAATAAAAAGATTTATGTAAGTTTATACATAGGCGAGTACTCTGTTATTGGGACTATTTACGAAGTTATTATAACTTTTTCCTTCTCAGGACTCCGCCTT

            Eci1
          Pvu2 |
               | |
      AGAACCAGCTGTGGAATGTGTGTCAGTTAGTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTTACGG
2201  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2300
      TCTTGGTCGACACCTTACACACAGTCAATCATTATCATTAGTTAATGCCCCAGTAATCAAGTATCGGGTATATACCTCAAGGCGCAATGTATTGAATGCC

                Bgl1                                Aat2
                   |                                  |
      TAAATGGCCCGCCTGGCTGACCGCCCAACGACCCCCGCCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCCATTGACG
2301  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2400
      ATTTACCGGGCGGACCGACTGGCGGGTTGCTGGGGGCGGGTAACTGCAGTTATTACTGCATACAAGGGTATCATTGCGGTTATCCCTGAAAGGTAACTGC

   Aat2                                Bgl1                  Nde1                        Aat2
      |                                   |                     |                           |
      TCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGACGTCAATGACGGTAAATGG
2401  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2500
      AGTTACCCACCTCATAAATGCCATTTGACGGGTGAACCGTCATGTAGTTCACATAGTATACGGTTCATGCGGGGGATAACTGCAGTTACTGCCATTTACC
```

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                Bgl1  Bmr1                                        BtgZ1 SnaB1                Nco1
                   |     |                                           |     |                   |
           CCCGCCTGGCATTATGCCCAGTACATGACCTTATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGATGCGGTTTT
      2501 |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2600
           GGGCGGACCGTAATACGGGTCATGTACTGGAATACCCTGAAAGGATGAACCGTCATGTAGATGCATAATCAGTAGCGATAATGGTACCACTACGCCAAAA

                                                                                   Aat2
                                                                                     |
           GGCAGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGGATTTCCAAGTCTCCACCCCATTGACGTCAATGGGAGTTTGTTTTGGCACCAAAATCA
      2601 |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2700
           CCGTCATGTAGTTACCCGCACCTATCGCCAAACTGAGTGCCCCTAAAGGTTCAGAGGTGGGGTAACTGCAGTTACCCTCAAACAAAACCGTGGTTTTAGT

                          Eci1
                            |
           ACGGGACTTTCCAAAATGTCGTAACAACTCCGCCCCATTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGCTGGTTTAGTG
      2701 |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2800
           TGCCCTGAAAGGTTTTACAGCATTGTTGAGGCGGGGTAACTGCGTTTACCCGCCATCCGCACATGCCACCCTCCAGATATATTCGTCTCGACCAAATCAC

                                        BspH1                           BssS1   Bbs1          Xho1
                                          |                               |      |              |
           AACCGTCAGATCCGCTAGTAAGAAACCATTATTATCATGACATTAACCTATAAAAATAGGCGTATCACGAGGCCCTTTCGTCTTCACCTCGAGAAATCAT
      2801 |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 2900
           TTGGCAGTCTAGGCGATCATTCTTTGGTAATAATAGTACTGTAATTGGATATTTTTATCCGCATAGTGCTCCGGGAAAGCAGAAGTGGAGCTCTTTAGTA

                            BsrB1         Psi1      Mfe1    BsrB1               EcoR1
                              |             |         |        |                   |
           AAAAAATTTATTTGCTTTGTGAGCGGATAACAATTATAATAGATTCAATTGTGAGCGGATAACAATTTCACACAGAATTCATTAAAGAGGAGAAATTAAC
      2901 |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3000
           TTTTTTAAATAAACGAAACACTCGCCTATTGTTAATATTATCTAAGTTAACACTCGCCTATTGTTAAAGTGTGTCTTAAGTAATTTCTCCTCTTTAATTG

          BseR1                          BamH1
            |                              |
           TATGAGAGGATCGCATCACCATCACCATCACGGATCCGACGAGGATGGTTCAGAGGGCGGCCCCGCCCTGTTCCAGAGCGACATGACCTTCAAAATCTTC
      3001 |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3100
           ATACTCTCCTAGCGTAGTGGTAGTGGTAGTGCCTAGGCTGCTCCTACCAAGTCTCCCGCCGGGGCGGGACAAGGTCTCGCTGTACTGGAAGTTTTAGAAG
JRed        >   M  R  G  S  H  H  H  H  H  H  G  S  D  E  D  G  S  E  G  G  P  A  L  F  Q  S  D  M  T  F  K  I  F
```

```
                                                                                                  Bsa1
                                        Ale1                                          ApaL1    Dra3|
                                          |                                               |       ||
            ATCGACGGCGAGGTGAACGGCCAGAAGTTCACCATCGTGGCCGACGGCAGCAGCAAGTTCCCCCACGGCGACTTCAACGTGCACGCCGTGTGCGAGACCG
      3101  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3200
            TAGCTGCCGCTCCACTTGCCGGTCTTCAAGTGGTAGCACCGGCTGCCGTCGTCGTTCAAGGGGGTGCCGCTGAAGTTGCACGTGCGGCACACGCTCTGGC
JRed          >  I  D  G  E  V  N  G  Q  K  F  T  I  V  A  D  G  S  S  K  F  P  H  G  D  F  N  V  H  A  V  C  E  T

                       PflM1
                          |
            GCAAGCTGCCCATGAGCTGGAAGCCCATCTGCCACCTGATCCAGTACGGCGAGCCCTTCTTCGCCCGCTACCCCAACGGCATCAGCCACTTCGCCCAGGA
      3201  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3300
            CGTTCGACGGGTACTCGACCTTCGGGTAGACGGTGGACTAGGTCATGCCGCTCGGGAAGAAGCGGGCGATGGGGTTGCCGTAGTCGGTGAAGCGGGTCCT
JRed          > G  K  L  P  M  S  W  K  P  I  C  H  L  I  Q  Y  G  E  P  F  F  A  R  Y  P  N  G  I  S  H  F  A  Q  E

                         Bpu10                                                                          Ale1
                           |                                                                              |
            GTGCTTCCCCGAGGGCCTGAGCATCGACCGCACCGTGCGCTTCGAGAACGACGGCACCATGACCAGCCACCACACCTACGAGCTGGACGGCACCTGCGTG
      3301  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3400
            CACGAAGGGGCTCCCGGACTCGTAGCTGGCGTGGCACGCGAAGCTCTTGCTGCCGTGGTACTGGTCGGTGGTGTGGATGCTCGACCTGCCGTGGACGCAC
JRed          >   C  F  P  E  G  L  S  I  D  R  T  V  R  F  E  N  D  G  T  M  T  S  H  H  T  Y  E  L  D  G  T  C  V

          BspM1                                                                 _Chi
          BfuA1                                                           PflM1   |
           Aar1                                                         Pvu2  |   |     Bsa1        BspLU
            |                                                             |  |   |        |            |
            GTCAGCCGCATCACCGTGAACTGCGACGGCTTCCAGCCCGACGGCCCCATCATGCGCGACCAGCTGGTGGACATCCTGCCCAACGAGACCCACATGTTCC
      3401  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3500
            CAGTCGGCGTAGTGGCACTTGACGCTGCCGAAGGTCGGGCTGCCGGGGTAGTACGCGCTGGTCGACCACCTGTAGGACGGGTTGCTCTGGGTGTACAAGG
JRed          >  V  S  R  I  T  V  N  C  D  G  F  Q  P  D  G  P  I  M  R  D  Q  L  V  D  I  L  P  N  E  T  H  M  F

                                  Pvu2
                                    |
            CCCACGGCCCCAACGCCGTGCGCCAGCTGGCCTTCATCGGCTTCACCACCGCCGACGGCGGCCTGATGATGGGCCACTTCGACAGCAAGATGACCTTCAA
      3501  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3600
            GGGTGCCGGGGTTGCGGCACGCGGTCGACCGGAAGTAGCCGAAGTGGTGGCGGCTGCCGCCGGACTACTACCCGGTGAAGCTGTCGTTCTACTGGAAGTT
JRed          > P  H  G  P  N  A  V  R  Q  L  A  F  I  G  F  T  T  A  D  G  G  L  M  M  G  H  F  D  S  K  M  T  F  N
```

```
                                        Dra3                                                Pml1
                                          |                                                   |
            CGGCAGCCGCGCCATCAAGATCCCCGGCCCCCACTTCGTGACCATCATCACCAAGCAGATGAGGGACACCAGCGACAAGCGCGACCACGTGTGCCAGCGC
      3601  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3700
            GCCGTCGGCGCGGTAGTTCTAGGGGCCGGGGGTGAAGCACTGGTAGTAGTGGTTCGTCTACTCCCTGTGGTCGCTGTTCGCGCTGGTGCACACGGTCGCG
JRed      >  G  S  R  A  I  K  I  P  G  P  H  F  V  T  I  I  T  K  Q  M  R  D  T  S  D  K  R  D  H  V  C  Q  R

                                                                                                        BspM1
          BstE2                 Dra3                                                EcoRV             BfuA1
            |                     |                                                   |                   |
            GAGGTGACCTACGCCCACAGCGTGCCCCGCATCACCAGCGCCATCGGTAGCGACGAGGATGGATCTCGGGTAGATATCTCGGCCATTGAACAAGATGGAT
      3701  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3800
            CTCCACTGGATGCGGGTGTCGCACGGGGCGTAGTGGTCGCGGTAGCCATCGCTGCTCCTACCTAGAGCCCATCTATAGAGCCGGTAACTTGTTCTACCTA
JRed      >  E  V  T  Y  A  H  S  V  P  R  I  T  S  A  I  G  S  D  E  D  G  S  R  V  D  I  S  A  I  E  Q  D  G

                        Eag1                                        Bmr1
                          |                                           |
            TGCACGCAGGTTCTCCGGCCGCTTGGGTGGAGAGGCTATTCGGCTATGACTGGGCACAACAGACAATCGGCTGCTCTGATGCCGCCGTGTTCCGGCTGTC
      3801  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 3900
            ACGTGCGTCCAAGAGGCCGGCGAACCCACCTCTCCGATAAGCCGATACTGACCCGTGTTGTCTGTTAGCCGACGAGACTACGGCGGCACAAGGCCGACAG
Kan^r/Neo^r  > L  H  A  G  S  P  A  A  W  V  E  R  L  F  G  Y  D  W  A  Q  Q  T  I  G  C  S  D  A  A  V  F  R  L  S

                 Nar1
                Kas1|                       Drd1                                                Msc1
                   ||                         |                                                   |
            AGCGCAGGGGCGCCCGGTTCTTTTTGTCAAGACCGACCTGTCCGGTGCCCTGAATGAACTGCAAGACGAGGCAGCGCGGCTATCGTGGCTGGCCACGACG
      3901  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4000
            TCGCGTCCCCGCGGGCCAAGAAAAACAGTTCTGGCTGGACAGGCCACGGGACTTACTTGACGTTCTGCTCCGTCGCGCCGATAGCACCGACCGGTGCTGC
Kan^r/Neo^r  >  A  Q  G  R  P  V  L  F  V  K  T  D  L  S  G  A  L  N  E  L  Q  D  E  A  A  R  L  S  W  L  A  T  T

                        Pvu2
                Fsp1     |       PflF1                        Eco57
                   |     |          |                          |
            GGCGTTCCTTGCGCAGCTGTGCTCGACGTTGTCACTGAAGCGGGAAGGGACTGGCTGCTATTGGGCGAAGTGCCGGGGCAGGATCTCCTGTCATCTCACC
      4001  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4100
            CCGCAAGGAACGCGTCGACACGAGCTGCAACAGTGACTTCGCCCTTCCCTGACCGACGATAACCCGCTTCACGGCCCCGTCCTAGAGGACAGTAGAGTGG
Kan^r/Neo^r  >  G  V  P  C  A  A  V  L  D  V  V  T  E  A  G  R  D  W  L  L  L  G  E  V  P  G  Q  D  L  L  S  S  H
```

```
                                                                                   BtgZ1
                                                                              BspM1  |
                                 BciV1         BsrD1                          BfuA1  |
                                    |             |                                |  |
            TTGCTCCTGCCGAGAAAGTATCCATCATGGCTGATGCAATGCGGCGGCTGCATACGCTTGATCCGGCTACCTGCCCATTCGACCACCAAGCGAAACATCG
      4101  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4200
            AACGAGGACGGCTCTTTCATAGGTAGTACCGACTACGTTACGCCGCCGACGTATGCGAACTAGGCCGATGGACGGGTAAGCTGGTGGTTCGCTTTGTAGC
Kan^r/Neo^r   > L  A  P  A  E  K  V  S  I  M  A  D  A  M  R  R  L  H  T  L  D  P  A  T  C  P  F  D  H  Q  A  K  H  R

                                                        Sap1
                                                        Ear1                          BpuE1
                                                          |                             |
            CATCGAGCGAGCACGTACTCGGATGGAAGCCGGTCTTGTCGATCAGGATGATCTGGACGAAGAGCATCAGGGGCTCGCGCCAGCCGAACTGTTCGCCAGG
      4201  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4300
            GTAGCTCGCTCGTGCATGAGCCTACCTTCGGCCAGAACAGCTAGTCCTACTAGACCTGCTTCTCGTAGTCCCCGAGCGCGGTCGGCTTGACAAGCGGTCC
Kan^r/Neo^r   >   I  E  R  A  R  T  R  M  E  A  G  L  V  D  Q  D  D  L  D  E  E  H  Q  G  L  A  P  A  E  L  F  A  R

                       Sph1                      Nco1              BtgZ1
                         |                         |                 |
            CTCAAGGCGAGCATGCCCGACGGCGAGGATCTCGTCGTGACCCATGGCGATGCCTGCTTGCCGAATATCATGGTGGAAAATGGCCGCTTTTCTGGATTCA
      4301  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4400
            GAGTTCCGCTCGTACGGGCTGCCGCTCCTAGAGCAGCACTGGGTACCGCTACGGACGAACGGCTTATAGTACCACCTTTTACCGGCGAAAAGACCTAAGT
Kan^r/Neo^r   >  L  K  A  S  M  P  D  G  E  D  L  V  V  T  H  G  D  A  C  L  P  N  I  M  V  E  N  G  R  F  S  G  F

                     BseY1
                    Nae1 |                                          Sap1
                 NgoM4 | |        Rsr2         Eci1                Ear1                  Eco57
                     | | |           |            |                   |                     |
            TCGACTGTGGCCGGCTGGGTGTGGCGGACCGCTATCAGGACATAGCGTTGGCTACCCGTGATATTGCTGAAGAGCTTGGCGGCGAATGGGCTGACCGCTT
      4401  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4500
            AGCTGACACCGGCCGACCCACACCGCCTGGCGATAGTCCTGTATCGCAACCGATGGGCACTATAACGACTTCTCGAACCGCCGCTTACCCGACTGGCGAA
Kan^r/Neo^r   > I  D  C  G  R  L  G  V  A  D  R  Y  Q  D  I  A  L  A  T  R  D  I  A  E  E  L  G  G  E  W  A  D  R  F

                              BtgZ1
          BssS1              BsrB1 |                                                BsrB1          BstB1
             |                  | |                                                  |              |
            CCTCGTGCTTTACGGTATCGCCGCTCCCGATTCGCAGCGCATCGCCTTCTATCGCCTTCTTGACGAGTTCTTCTGAGCGGGACTCTGGGGTTCGAAATGA
      4501  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4600
            GGAGCACGAAATGCCATAGCGGCGAGGGCTAAGCGTCGCGTAGCGGAAGATAGCGGAAGAACTGCTCAAGAAGACTCGCCCTGAGACCCCAAGCTTTACT
Kan^r/Neo^r   >   L  V  L  Y  G  I  A  A  P  D  S  Q  R  I  A  F  Y  R  L  L  D  E  F  F  *
```

```
                                BssS1                                                                   Nae1
                                BspM1                                                             NgoM4 |
                                BfuA1                                                              Bpm1 |
                                    |                                                                 | |
      CCGACCAAGCGACGCCCAACCTGCCATCACGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGGTTGGGCTTCGGAATCGTTTTCCGGGACGCCGGCTG
4601  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4700
      GGCTGGTTCGCTGCGGGTTGGACGGTAGTGCTCTAAAGCTAAGGTGGCGGCGGAAGATACTTTCCAACCCGAAGCCTTAGCAAAAGGCCCTGCGGCCGAC

                                                   Bpm1
                                             Avr2  |
                                                   |  |
      GATGATCCTCCAGCGCGGGGATCTCATGCTGGAGTTCTTCGCCCACCCTAGGGGGAGGCTAACTGAAACACGGAAGGAGACAATACCGGAAGGAACCCGC
4701  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4800
      CTACTAGGAGGTCGCGCCCCTAGAGTACGACCTCAAGAAGCGGGTGGGATCCCCCTCCGATTGACTTTGTGCCTTCCTCTGTTATGGCCTTCCTTGGGCG

                                                                                                      Bsa1
                                                                                                        |
      GCTATGACGGCAATAAAAAGACAGAATAAAACGCACGGTGTTGGGTCGTTTGTTCATAAACGCGGGGTTCGGTCCCAGGGCTGGCACTCTGTCGATACCC
4801  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 4900
      CGATACTGCCGTTATTTTTCTGTCTTATTTTGCGTGCCACAACCCAGCAAACAAGTATTTGCGCCCCAAGCCAGGGTCCCGACCGTGAGACAGCTATGGG

      CACCGAGACCCCATTGGGGCCAATACGCCCGCGTTTCTTCCTTTTCCCCACCCCACCCCCCAAGTTCGGGTGAAGGCCCAGGGCTCGCAGCCAACGTCGG
4901  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5000
      GTGGCTCTGGGGTAACCCCGGTTATGCGGGCGCAAAGAAGGAAAAGGGGTGGGGTGGGGGGTTCAAGCCCACTTCCGGGTCCCGAGCGTCGGTTGCAGCC

            BstAP
            AlwN1      Bsu36                            Dra1               Dra1
                |          |                               |                  |
      GGCGGCAGGCCCTGCCATAGCCTCAGGTTACTCATATATACTTTAGATTGATTTAAAACTTCATTTTTAATTTAAAAGGATCTAGGTGAAGATCCTTTTT
5001  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5100
      CCGCCGTCCGGGACGGTATCGGAGTCCAATGAGTATATATGAAATCTAACTAAATTTTGAAGTAAAAATTAAATTTTCCTAGATCCACTTCTAGGAAAAA

         BspH1
             |
      GATAATCTCATGACCAAAATCCCTTAACGTGAGTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGATCCTTTTTTC
5101  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5200
      CTATTAGAGTACTGGTTTTAGGGAATTGCACTCAAAAGCAAGGTGACTCGCAGTCTGGGGCATCTTTTCTAGTTTCCTAGAAGAACTCTAGGAAAAAAAG
```

```
     BpuE1                                                                  Eco57
        |                                                                     |
      TGCGCGTAATCTGCTGCTTGCAAACAAAAAAACCACCGCTACCAGCGGTGGTTTGTTTGCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAACTGG
5201  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5300
      ACGCGCATTAGACGACGAACGTTTGTTTTTTTGGTGGCGATGGTCGCCACCAAACAAACGGCCTAGTTCTCGATGGTTGAGAAAAAGGCTTCCATTGACC

      CTTCAGCAGAGCGCAGATACCAAATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCGCCTACATACCTCGCTCTG
5301  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5400
      GAAGTCGTCTCGCGTCTATGGTTTATGACAGGAAGATCACATCGGCATCAATCCGGTGGTGAAGTTCTTGAGACATCGTGGCGGATGTATGGAGCGAGAC

                   AlwN1                     BpuE1
                       |                         |
      CTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCGGGCT
5401  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5500
      GATTAGGACAATGGTCACCGACGACGGTCACCGCTATTCAGCACAGAATGGCCCAACCTGAGTTCTGCTATCAATGGCCTATTCCGCGTCGCCAGCCCGA

              ApaL1     BseY1
                  |         |
      GAACGGGGGGTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTCCCGA
5501  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5600
      CTTGCCCCCCAAGCACGTGTGTCGGGTCGAACCTCGCTTGCTGGATGTGGCTTGACTCTATGGATGTCGCACTCGATACTCTTTCGCGGTGCGAAGGGCT

                            BciV1
                         Eci1   |                    BssS1
                            |   |                       |
      AGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCTTCCAGGGGGAAACGCCTGGTATCTTTATAGTCCT
5601  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5700
      TCCCTCTTTCCGCCTGTCCATAGGCCATTCGCCGTCCCAGCCTTGTCCTCTCGCGTGCTCCCTCGAAGGTCCCCCTTTGCGGACCATAGAAATATCAGGA

                         Drd1            BpuE1                         Eci1
                            |               |                            |
      GTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTGTGATGCTCGTCAGGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCGGCCTTTTTACGGT
5701  |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||* 5800
      CAGCCCAAAGCGGTGGAGACTGAACTCGCAGCTAAAAACACTACGAGCAGTCCCCCCGCCTCGGATACCTTTTTGCGGTCGTTGCGCCGGAAAAATGCCA
```

```
                                                                                  Nsi1
                                BspLU                                           BfrB1 |
                                    |                                               | |
        TCCTGGCCTTTTGCTGGCCTTTTGCTCACATGTTCTTTCCTGCGTTATCCCCTGATTCTGTGGATAACCGTATTACCGCCATGCAT
5801    |||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||||||*|||||| 5886
        AGGACCGGAAAACGACCGGAAAACGAGTGTACAAGAAAGGACGCAATAGGGGACTAAGACACCTATTGGCATAATGGCGGTACGTA
```

Found:

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aar1 | Aat2 | **Acc65** | **Afe1** | **Age1** | Ale1 | AlwN1 | **Apa1** | ApaL1 | **Ase1** | **Avr2** | **BamH1** | **Bbs1** | BciV1 |
| **BfrB1** | BfuA1 | Bgl1 | **Bgl2** | **Blp1** | Bmr1 | Bpm1 | **Bpu10** | BpuE1 | Bsa1 | BsaB1 | BsaXa | BsaXb | BseR1 |
| BseY1 | Bsg1 | Bsm1 | BspH1 | BspLU | BspM1 | BsrB1 | **BsrD1** | BssS1 | **BstAP** | **BstB1** | **BstE2** | Bsu36 | BtgZ1 |
| **Bts1** | _Chi | Dra1 | Dra3 | Drd1 | Eag1 | Ear1 | Eci1 | Eco57 | **EcoR1** | **EcoRV** | **Fse1** | **Fsp1** | **Hind3** |
| **Hpa1** | Kas1 | **Kpn1** | Mfe1 | **Mlu1** | **Msc1** | Nae1 | Nar1 | Nco1 | Nde1 | NgoM4 | **Nhe1** | **Nsi1** | **PflF1** |
| PflM1 | Pml1 | Psi1 | **PspOM** | **Pst1** | Pvu2 | **Rsr2** | **Sac1** | **Sal1** | Sap1 | **Sma1** | SnaB1 | **Sph1** | Ssp1 |
| Xho1 | **Xmn1** | | | | | | | | | | | | |

Unique:

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Acc65** | **Afe1** | **Age1** | **Apa1** | **Ase1** | **Avr2** | **BamH1** | **Bbs1** | **BfrB1** | **Bgl2** | **Blp1** | **Bpu10** | **BsrD1** | **BstAP** |
| **BstB1** | **BstE2** | **Bts1** | **EcoR1** | **EcoRV** | **Fse1** | **Fsp1** | **Hind3** | **Hpa1** | **Kpn1** | **Mlu1** | **Msc1** | **Nhe1** | **Nsi1** |
| **PflF1** | **PspOM** | **Pst1** | **Rsr2** | **Sac1** | **Sal1** | **Sma1** | **Sph1** | **Xmn1** | | | | | |

Not found:

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acl1 | Afl2 | Ahd1 | Asc1 | AsiS1 | Bae1a | Bae1b | BbvC1 | Bcg1a | Bcg1b | Bcl1 | BmgB1 | BsiW1 | BsmB1 |
| BspE1 | BsrG1 | BssH2 | BstX1 | BstZ1 | Cla1 | EcoK | EcoN1 | ScFRT | FspA1 | I_Ceu | loxP | Not1 | Nru1 |
| Pac1 | Pme1 | PshA1 | Pvu1 | Sac2 | SanD1 | Sbf1 | Sca1 | SexA1 | Sfi1 | Sgf1 | SgrA1 | Spe1 | Srf1 |
| Stu1 | Swa1 | PISce | Xba1 | 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 | | | | | | | | | | | | | |