


```

                                     SpDon  Dra1  Bsm1  MfeI  HpaI
                                     |      |      |      |      |
AGCCATACCACATTTGTAGAGGTTTTACTTGTCTTTAAAAAACCTCCACACCTCCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGTTAACT
1401 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1500
TCGGTATGGTGTAACATCTCCAAAATGAACGAAATTTTTTGGAGGGTGTGGAGGGGGACTTGGACTTTGTATTTTACTTACGTTAACAACAACAATTGA

          polyA  Psil  polyA  polyA  BtsI  BsmI
          |      |      |      |      |      |
TGTTTATGTCAGCTTATAATGGTTACAAAATAAAGCAATAGCATCACAAATTTACAAAATAAAGCATTTTTTTCACTGCATTCTAGTTGTGGTTTTGTCCAA
1501 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1600
ACAAAATAACGTCGAATATTACCAATGTTTATTTTCGTTATCGTAGTGTTTAAAGTGTTTATTTTCGTAAAAAAGTGACGTAAGATCAACACCAAACAGGTT

          Afl2  SpDon  SspI
          |      |      |
ACTCATCAATGTATCTTAAGGCGTAAATTGTAAGCGTTAATATTTTGTAAAAATTCGCGTTAAATTTTTGTAAATCAGCTCATTTTTTTAACCAATAGGC
1601 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1700
TGAGTAGTTACATAGAATTCCGCATTTAACATTCGCAATTATAAAAACAATTTTAAGCGCAATTTAAAAACAATTTAGTCGAGTAAAAAATTGGTTATCCG

          Psil  BsaXb
          |      |
CGAAATCGGCAAAAATCCCTTATAAATCAAAAAGAATAGACCGAGATAGGGTTGAGTGTGTTCCAGTTTGGAAACAAGAGTCCACTATTAAGAACGTGGAC
1701 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1800
GCTTTAGCCGTTTTAGGGAATATTTAGTTTTCTTATCTGGCTCTATCCCAACTCACAACAAGGTCAAACCTTGTTCTCAGGTGATAATTTCTTGACCTG

          Drd1  BsaXa  BtgZ1  Dra3
          |      |      |      |
TCCAACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCCACTACGTGAACCATCACCTAATCAAGTTTTTTGGGGTTCGAGGTGCCGTAAAGCAC
1801 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 1900
AGGTTGCAGTTTCCCGCTTTTGGCAGATAGTCCCGCTACCGGGTGATGCACTTGGTAGTGGGATTAGTTCAAAAAACCCAGCTCCACGGCATTTCGTG

          SpAcc  NaeI  NgoM4  BsrB1
          |      |      |      |
TAAATCGGAACCCATAAAGGGAGCCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGGAAGAAAGCGAAAGGAGCGGGCGC
1901 |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 2000
ATTTAGCCTTGGGATTTCCCTCGGGGGCTAAATCTCGAACTGCCCTTTTCGGCCGCTTGCACCGCTCTTTCCCTTCCCTTCTTTTCGCTTTTCCTCGCCCGCG

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      Eco57                               SpAcc
      |                                   |
4101 ACTCTTTTTCCGAAGGTAAGTGGCTTCAGCAGAGCGCAGATACCAAATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAG
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 4200
      TGAGAAAAAGGCTTCCATTGACCGAAGTCGTCTCGCGTCTATGGTTTATGACAGGAAGATCACATCGGCATCAATCCGGTGGTGAAGTTCTTGAGACATC

              AlwN1                       BpuE1
              |                           |
4201 CACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACC
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 4300
      GTGGCGGATGTATGGAGCGAGACGATTAGGACAATGGTCACCGACGACGGTCACCGCTATTGAGCAGAGAATGGCCCAACCTGAGTTCTGCTATCAATGG

              ApaL1       BseY1                               SpAcc
              |         |                                   |
4301 GGATAAGGCGCAGCGGTCGGGCTGAACGGGGGTTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATACTACAGCGTGAGCTA
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 4400
      CCTATTCCGCGTCGCCAGCCCAGCTTGCCCCCAAGCACGTGTGTCGGGTCGAACCTCGCTTGCTGGATGTGGCTTGACTCTATGGATGTCGCACTCGAT

              BciV1
              Eci1 | BssS1
              |   | |
4401 TGAGAAAGCGCCACGCTTCCCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTTCGGAACAGGAGAGCGCACGAGGGAGCTTCCAGGGGGAA
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 4500
      ACTCTTTCGCGGTGCGAAGGGCTTCCCTCTTTCGCCTGTCCATAGGCCATTCGCCGTCCAGCCTTGTCTCTCGCGTGCTCCCTCGAAGGTCCCCCTT

              SpAcc       Drd1       BpuE1       SpAcc       Eci1
              |         |         |         |         |
4501 ACGCCTGGTATCTTTATAGTCTTGTGCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTGTGATGCTCGTCAGGGGGGCGGAGCCTATGGAAAAACGC
      |||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||*|||||* 4600
      TGCGGACCATAGAAATATCAGGACAGCCCAAAGCGGTGGAGACTGAACTCGCAGCTAAAAAACTACGAGCAGTCCCCCGCCTCGGATACCTTTTTTGCG

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Unique:

Acc65 Afe1 Afl2 Age1 Apa1 Ase1 BamH1 Bbs1 Bcl1 Bgl2 BsaXa BsaXb BseR1 Bsg1
BspLU BsrD1 BsrG1 Cla1 EcoR1 Fsp1 Hind3 Hpa1 Kas1 Kpn1 Mfe1 Nar1 Nde1 Nhe1
Not1 PflF1 PshA1 PspOM Pst1 Rsr2 Sac1 Sac2 Sal1 Scal SexA1 Sma1 SnaB1 Stu1
Xba1 Xho1

Not found:

Aar1 Acl1 Ahd1 Ale1 Asc1 AsiS1 Baela Baelb BbvC1 Bcg1a Bcg1b Blp1 BmgB1 Bpu10
BsiW1 BsmB1 BspE1 BssH2 BstE2 BstX1 BstZ1 _Chi EcoK EcoN1 EcoRV ScFRT Fse1 FspA1
I_Ceu loxP Mlu1 Nru1 Pac1 Pme1 Pml1 Pvu1 SanD1 Sbf1 Sgf1 SgrA1 Spe1 Srf1
Swa1 T3RNA T7RNA T7Ter PISce Xcm1 Xmn1

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