```
                                                                                Sau3A I
                BsaH I                                                          Mbo I
                Aat II                                                          Dpn II
          ScrF I                                                                Dpn I
          EcoR II                                                               Alw I
          Dsa V  Mae II                                                        Nla IV
          BstN I                                                               BstY I
          BstK I            Alu I       Mae III                                BamH I
          BsaJ I   Mme I   Hind III    Hph I  Sfc I       Alu I               Alw I
          |     || |       ||          ||     |           |                   ||
                                   SP6 Promoter
CGCCATTCTGCCTGGGGACGTCGGAGCAAGCTTGATTTAGGTGACACTATAGAATACAAGCTACTTGTTCTTTTTGCAGG  80
GCGGTAAGACGGACCCCTGCAGCCTCGTTCGAACTAAATCCACTGTGATATCTTATGTTCGATGAACAAGAAAAACGTCC
         •|     || |       ||•         ||     |  •        |•         •        ||
          11       20      28          40     47          59                  79
          11                29          41                                    79
          11                                                                   79
          11     18                                                            79
          11                                                                    80
          11                                                                    80
                17                                                              80
                17                                                              80
                                                                                80
                                          Aci I
                                         Mcr I
                                         Gdi II
                                         Eag I
                                         Eae I
                                         BsiE I
                                        Not I
                                       Fnu4H I
                                       Aci I
                                      BstU I
                                     Sac II
                                     NspB II
                           x          Dsa I            Xho I
           Taq I                     BsaJ I           PaeR7 I
          BstB I           BspW I    Aci I            Ava I
        Tfi I      Sal I  Sfi I     Fnu4H I      Hae III
        Hinf I     Hinc II          BspW I      Stu I
      Taq I        Acc I  Hae III  Hae III      Hae I  Taq I   Bfa I
     Cla I   EcoR I      Hae I    Gdi II  Fnu4H I  Mnl I      Xba I         Ple I
     BspD I  Apo I  Taq I  Bgl I  Eae I  Hae III  BspW I    Mnl I    Sfc I  Hinf I
     || | || |     ||    |||      ||||||||||    ||||  ||    | ||     |      |
                                                                GCGG (fixed T7 promoter in CS107
ATCCCATCGATTCGAATTCgtcgacaggccaatctggccgcggccgcAAGGCCTCTCGAGCCTCTAGAACTATAGTGAGT_ 160
TAGGGTAGCTAAGCTTAAGcagctgtccggttagaccggcgccggcgTTCCGGAGAGCTCGGAGATCTTGATATCACTCA
     || |•|| |     ||    ||| •    ||||||||||    ||||  ||   •| ||     |      |  •
     86      94     101    108    115    122      131       141      150    157
     86      94          106    115    123      132        143           157
      87          100    107     116          129    136     144
        89        100             117         129
        89        100    107      117          130
          91               108      118              135
           92                       118              135
                                    118              135
                                    118
                                    118
                                     119
                                      120
                                      120
                                      120
                                       121
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                                        121
                                        121
                                        121
                                        121
                                           124
          Sau3A I
          Mbo I
          Dpn II
          Dpn I
          Alw I
         BstY I
      Mae II
     SnaB I                                                Bsm I
     BsaA I        Nla III                             Bfa I
     ||   ||       |                                   |  |
CGTATTACGTAGATCCAGACATGATAAGATACATTGATGAGTTTGGACAAACCACAACTAGAATGCAGTGAAAAAAATGC  240
GCATAATGCATCTAGGTCTGTACTATTCTATGTAACTACTCAAACCTGTTTGGTGTTGATCTTACGTCACTTTTTTTACG
     ||  •||       |         •         •         •       | •|        •         •
     166           180                                   218
     166                                                    221
      167
         171
          172
          172
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