pZeoSV2 (+) MCS

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                5´ SV40 promoter                AP3          AP2
          GCTG TGGAATGTGT GTCAGTTAGG GTGTGGAAAG TCCCCAGGCT

 AP2                                OCT1        AP1
CCCCAGCAGG CAGAAGTATG CAAAGCATGC ATCTCAATTA GTCAGCAACC

AGGTGTGGAA AGTCCCCAGG CTCCCCAGCA GGCAGAAGTA TGCAAAGCAT

                                          GC Boxes
GCATCTCAAT TAGTCAGCAA CCATAGTCCC GCCCCTAACT CCGCCCATCC

CGCCCCTAAC TCCGCCCAGT TCCGCCCATT CTCCGCCCCA TGGCTGACTA

            TATA Box            Transcriptional Start        3´ SV40
ATTTTTTTTA TTTATGCAGA GGCCGAGGCC GCCTCGGCCT CTGAGCTATT

CCAGAAGTAG TGAGGAGGCT TTTTTGGAGG CCTAGGCTTT TGCAAAAAGC

TCTCTGGCTA ACTAGAGAAC CCACTGCTTA CTGGCTTATC GAAATTAATA
T7 promoter primer binding site          Nhe I      Pme I  Afl II  Hind III Asp718 I
CGACTCACTA TAGGGAGACC CAAGCTGGCT AGCGTTTAAA CTTAAGCTTG

   Kpn I       BamH I   Spe I          BstX I  EcoR I      Pst I  EcoR V
GTACCGAGCT CGGATCCACT AGTCCAGTGT GGTGGAATTC TGCAGATATC

      BstX I    Not I    Xho I                Apa I  Pme I
CAGCACAGTG GCGGCCGCTC GAGTCTAGAG GGCCCGTTTA AACCCGCTGA
        BGH reverse priming site
TCAGCCTCGA CTGTGCCTTC TAGTTGCCAG CCATCTGTTG TTTGCCCCTC

CCCCGTGCCT TCCTTGACCC TGGAAGGTGC CACTCCCACT GTCCTTTCCT
BGH poly (A) site
AATAAAATGA GGAAATTGCA
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