



GCGCAACGCAATTAATGTGAGTTAGCTCACTCATTAGGCACCCCAGGCTTTACACTTTTATGCTTCCGGCTCGTAT
 CGCGTTGCGTTAATTACACTCAATCGAGTGAGTAATCCGTGGGGTCCGAAATGTGAAATACGAAGGCCGAGCATA

CAP binding site lac promoter

9675

GTTGTGTGGAATTGTGAGCGGATAACAATTTACACAGGAAACAGCTATGACATGATTACGAATTCGAGCTCGGT
 CAACACACCTTAACACTCGCCTATTGTTAAAGTGTGTCTTTGTCGATACTGTACTAATGCTTAAGCTCGAGCCA

lac promoter lac operator M13 rev MCS EcoRI SacI

9750

KpnI SmaI BamHI XbaI SalI PstI HindIII

XmaI

ACCCGGGGATCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCACTGGCCGTCGTTTTACAACGTCGTGACTG
 TGGGCCCTAGGAGATCTCAGCTGGACGTCCGTACGTTTCGAACCGTGACCGGCAGCAAATGTTGCAGCACTGAC

MCS M13 fwd

9825