



5' GGGGAATTGTGAGCGGATAACAATTCCCCTGTAGAAATAATTTGTTAACTTTAATAAGGAGATATACCATGGG
 3' CCCCTTAACACTCGCCTATTGTTAAGGGGACATCTTTATTAAAACAAATTGAAATTATTCTCTATATGGTACCC

lac operator
 T7 promoter

75

BamHI EcoRI SacI PstI SalI HindIII

CAGCAGCCATCACCATCATCACCACAGCCAGGATCCGAATTCGAGCTCGGCGCGCCTGCAGGTCGACAAGCTTGC
 GTCGTGCGGTAGTGGTAGTAGTGGTGTCTGGTCTTAGGCTTAAGCTCGAGCCGCGCGGACGTCCAGCTGTTTGAACG

150

1 His His His His His His Ser Gln Asp Pro Asn Ser Ser Ser Ala Arg Leu Gln Val Asp Lys Leu Ala
 6xHis (in frame with 6xHis)

MCS-1

NotI AflIII

GGCCGCATAATGCTTAAGTCGAACAGAAAGTAATCGTATTGTACACGGCCGCATAATCGAAATTAATACGACTCA
 CCGGCGTATTACGAATTCAGCTTGTCTTTTCATTAGCATAACATGTGCCGGCGTATTAGCTTTAATTATGCTGAGT

225

Ala Ala * T7 promoter

MCS-1

