



TGACCTTATGGGACTTTTCTACTTGGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGTATGCGGTTTT
 ACTGGAATACCCTGAAAGGATGAACCGTCATGTAGATGCATAATCAGTAGCGATAATGGTACCCTACGCCAAAA

2025

CMV promoter

GGCAGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGGATTTCCAAGTCTCCACCCCATTGACGTCAATG
 CCGTCATGTAGTTACCCGCACCTATCGCCAAACTGAGTGCCCCTAAAGGTTTCAGAGGTGGGGTAACTGCAGTTAC

2100

CMV promoter

GGAGTTTGTGGCACCAAAATCAACGGGACTTTCCAAAATGTCGTAACAACCTCCGCCCCATTGACGCAAATGG
 CCTCAAACAAAACCGTGGTGGTTTGTAGTTGCCCTGAAAGTTTTACAGCATTGTTGAGGCGGGGTAAGTGCAGTTTACC

2175

CMV promoter

GCGGTAGGCGTGTACGGTGGGAGGTTTATATAAGCAGAGCTCGTTTAGTGAACCGTCAGATCGCCTGGAGACGCC
 CGCCATCCGCACATGCCACCCTCCAAATATATTCTGCTCGAGCAAATCACTTGGCAGTCTAGCGGACCTCTGCGG

2250

CMV promoter

ATCCACGCTGTTTTGACCTCCATAGAAGATTCTAGAGCTAGCGAATTCGAATTTAAATCGGATCCGCGGCCGCGA
 TAGGTGCGACAAAACCTGGAGGTATCTTCTAAGATCTCGATCGCTTAAGCTTAAATTTAGCCTAGGCGCCGGCGCT

2325

XbaI NheI EcoRI BamHI NotI

MCS

AGGATCTGCGATCGCTCCGGTGCCCGTCAAGTGGGCAGAGCGCACATCGCCACAGTCCCCGAGAAGTTGGGGGGA
 TCCTAGACGCTAGCGAGGCCACGGGCAGTCACCCGTCTCGCGTGTAGCGGGTGTAGGGGCTCTTCAACCCCT

2400

MCS