



TCGCTATTACCATGGTGATGCGGTTTTGGCAGTACATCAATGGGCGTGGATAGCGGTTTGACTCACGGGGATTTCC
 AGCGATAATGGTACCACTACGCCAAAACCGTCATGTAGTTACCCGCACCTATCGCCAAACTGAGTGCCCTAAAG
 CMV enhancer CMV promoter

675

CAAGTCTCCACCCCATTTGACGTCAATGGGAGTTTTGTTTTGGCACCAAATCAACGGGACTTTCCAAAATGTCGTA
 GTTCAGAGGTGGGGTAACTGCAGTTACCCCAAACAAAACCGTGGTTTTAGTTGCCCTGAAAGGTTTTACAGCAT
 CMV promoter

750

ACAACTCCGCCCCATTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAGCTCTCTGGC
 TGGTGAGGCGGGGTAAC TGC GTT ACCCGCCATCCGCACATGCCACCCTCCAGATATATTCGTCTCGAGAGACCG
 CMV promoter

825

TAAGTAGAGAACCCACTGCTTACTGGCTTATCGAAATTAATACGACTCACTATAGGGAGACCCAAGCTGGCTAGC
 ATTGATCTCTTGGGTGACGAATGACCGAATAGCTTTAATTATGCTGAGTGATATCCCTCTGGGTTTCGACCGATCG
 T7 promoter MCS

900

GTTTAAACGGGCCCTCTAGACTCGAGCGGCCCACTGTGCTGGATATCTGCAGAATTCCACCACACTGGACTAG
 CAAATTTGCCCGGGAGATCTGAGCTCGCCGGCGGTGACACGACCTATAGACGTCTTAAGGTGGTGTGACCTGATC
 MCS

975

TGGATCCGAGCTCGGTACCAAGCTTAAGTTTAAACCGCTGATCAGCCTCGACTGTGCCTTCTAGTTGCCAGCCAT
 ACCTAGGCTCGAGCCATGGTTTCAATTTGCGGACTAGTCGGAGCTGACACGGAAGATCAACGGTTCGGTA
 MCS bGH poly(A) signal

1050