

771 CAAT
 CAAATGGGCG GTAGGCGTGT ACGGTGGGAG GTCTATATAA GCAGAGCTCT CTGGCTAACT
TATA 3' end of CMV promoter Putative transcriptional start

831 T7 promoter/priming site
 AGAGAACCCA CTGCTTACTG GCTTATCGAA ATTAATACGA CTCACTATAG GGAGACCCAA

891 TC-Tag
 GCTGGCTAGT TAAGCTGCACC ATG GCT GGT GGC TGT TGT CCT GGC TGT TGC GGT
 TAC CGA CCA CCG ACA ACA GGA CCG ACA ACG CCA
 Met Ala Gly Gly Cys Cys Pro Gly Cys Cys Gly

945 V5 epitope
 GGC GGC AAG CTG GGT AAG CCT ATC CCT AAC CCT CTC CTC GGT CTC GAT TCT
 CCG CCG TTC GAC CCC TTC GGA TAG GGA TTG GGA GAG GAG CCA GAG CTA AGA
 Gly Gly Lys Leu Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser

996 1018 attB1
 ACG AGT GCT GTT ATC ACA AGT TIG TAC AAA AAA GCA GGC TNN --- GENE ---
 TGC TCA CGA CAA TAG TGT TCA AAC ATG TTT TTT CGT CCG ANN --- ***
 Thr Ser Ala Val Ile Thr Ser Leu Tyr Lys Lys Ala Gly **

2670 2680 attB2
 ACCCAGCTTT CTTGTACAAA GTGGTGATAA CACCGGTTAG TAATGAGTTT AAACGGGGGA
 TGGGTCGAAA GAACATGTTT CACCACTATT

2730 TK polyA Reverse priming site
 GGCTAACTGA AACACGGAAG GAGACAATAC CGGAAGGAAC CCGCGCTATG ACGGCAATAA