



GAGTGCCAGCCCTGGGACCGAACCCCGCGTTTTATGAACAAACGACCCAACACCCGTGCGTTTTATTCTGTCTTTT  
 CTCACGGTCGGGACCCCTGGCTTGGGGCGCAAATACTTGTCTGGGTTGTGGGCACGCAAAAATAAGACAGAAAA

4200

HSV TK poly(A) signal

TATTGCCGTCATAGCGCGGGTTCCTTCCGGTATTGTCTCCTTCCGTGTTTTAGTTAGCCTCCCCCATCTCCCGGT  
 ATAACGGCAGTATCGCGCCCAAGGAAGGCCATAACAGAGGAAGGCACAAAGTCAATCGGAGGGGGTAGAGGGCCA

4275

HSV TK poly(A) signal

MCS-1

KpnI SphI NheI NcoI XhoI XmaI SmaI  
 ACCGCATGCTATGCATCAGCTGCTAGCACCATGGCTCGAGATCCCGGGTGATCAAGTCTTCGTCGAGTGATTGTA  
 TGGCGTACGATACGTAGTCGACGATCGTGGTACCGAGCTCTAGGGCCCACTAGTTT CAGAAGCAGCTCACTAACAT

4350

MCS-1

p10 promoter

AATAAAATGTAATTTACAGTATAGTATTTTAATTAATATACAAATGATTTGATAATAATTCTTATTTAACTATAA  
 TTATTTTACATTAATGTCATATCATAAAATTAATTATATGTTTACTAACTATTATTAAGAATAAATGATATT

4425

p10 promoter

TATATTGTTGGGTTGAATTAAGGTCCGTATACTCCGGAATATTAATAGATCATGGAGATAATTAATGATA  
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+  
ATATAACACAACCCAACCTTAATTTCCAGGCATATGAGGCCTTATAATTATCTAGTACCTCTATTAATTTTACTAT

4500

< p10 promoter

polyhedrin promoter

ACCATCTCGCAAATAAATAAGTATTTTACTGTTTTTCGTAACAGTTTTGTAATAAAAAAACCTATAAATATTCCGG  
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+  
TGGTAGAGCGTTTATTTATTCATAAAATGACAAAAGCATTGTCAAACATTATTTTTTTGGATATTTATAAGGCC

4575

polyhedrin promoter

ATTATTCATACCGTCCCACCATCGGGCGCGGATCCCGGTCCGAAGCGCGCGGAATTCAAAGGCCTACGTTCGACGA  
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+  
TAATAAGTATGGCAGGGTGGTAGCCCGCGCCTAGGGCCAGGCTTCGCGCGCCTTAAGTTTCCGGATGCAGCTGCT

4650

BamHI

EcoRI

SalI

MCS-2

GCTCACTAGTCGCGGCCGCTTTTCGAATCTAGAGCCTGCAGTCTCGACAAGCTTGTTCGAGAAGTACTAGAGGATCA  
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+  
CGAGTGATCAGCGCCGGCGAAAGCTTAGATCTCGGACGTCAGAGCTGTTTGAACAGCTCTTCATGATCTCCTAGT

4725

SacI

SpeI

NotI

BstBI

XbaI

PstI

HindIII

MCS-2