





Genetic map of the pCMV-TCM-SigSeq-8xHis-attR1-Chloramphenicol resistance (CmR) gene construct. The map shows the DNA sequence with various features labeled: CMV Promoter, Artificial Intron, TCM Sig Seq, 8xHis Tag, StrepTag, attR1, and Chloramphenicol resistance (CmR) gene. Restriction enzyme sites for BspEI, EcoRI, BsmBI, PstI, BstZ17I, and BbvCI are indicated. The sequence is shown in 5' to 3' orientation, with the CmR gene being transcribed from right to left.

Sequence (5' to 3'): GTGGGAGGTCTATATAAGCAGAGCTGGTTTAGTGAACCGTCAGATCCCTGCAGAAAGTTGGTCGTGAGGCACCTGGGCAGGTAAGTATCAAGGTTACAAGACAGGTTTAAGGA

Sequence (5' to 3'): GACCAATAGAAACTGGGCTTGTCGAGACAGAGAAGACTCTTGCCTTTCTGATAGGCACCTATTGGTCTTACTGACATCCACTTTGCCTTTCTCTCCACAGGTGTCCAGCG

Sequence (5' to 3'): GCCGCCATGAGACTGCTGACAGCCCTGTTGCGCTACTTCATCGTGGCCCTGATCCTGGCCTTCAGCGTGTCCGCCAAGAGCATGCACCACCACCATCACCATCATCACAG

Sequence (5' to 3'): CGCCTGGTCCCACCCCCAGTTCGAGAAAGAATTATCAACAAGTTTGTACAAAAAAGCTGAACGAGAAACGTAATAATGATATAAATATCAATATATTAAATTAGATTTTGC

Sequence (5' to 3'): ATAAAAACAGACTACATAATACTGTAAAAACACATATCCAGTCACTATGGCGGCCGATTAGGCACCCAGGCTTTACACTTTATGCTTCCGGCTCGTATAATGTGT

Sequence (5' to 3'): GGATTTTGAGTTAGGATCCGTCGAGATTTTCAGGAGCTAAGGAAGCTAAAATGGAGAAAAAATCACTGGATATACCACCGTTGATATATCCCAATGGCATCGTAAAGAA

Sequence (5' to 3'): CATTTTGAGGCATTTCACTCAGTTGCTCAATGTACCTATAACCAGACCGTTCAGCTGGATATTACGGCCTTTTAAAGACCGTAAAGAAAAATAAGCACAAAGTTTATCC

Sequence (5' to 3'): GGCCTTTATTCACATTCTTGCCCGCTGATGAATGCTCATCCGAATTCCGTATGGCAATGAAAGACGGTGAGCTGGTGATATGGGATAGTGTTACACCTTGTTACACCG

Sequence (5' to 3'): TTTTCCATGAGCAAACCTGAAACGTTTTCATCGCTCTGGAGTGAATACCACGACGATTCCGGCAGTTTCTACACATATATTCGCAAGATGTGGCGTGTTACGGTGAAAAC

Sequence (5' to 3'): CTGGCCTATTTCCCTAAAGGGTTTATTGAGAATATGTTTTTCGTCTCAGCCAATCCCTGGGTGAGTTTCACCAGTTTGTATTAAACGTGGCCAATATGGACAACCTCTT

Sequence (5' to 3'): CGCCCCCGTTTTCACCATGGGCAATATATTACGCAAGCGCACAAGGTGCTGATGCCGCTGGCGATTCAAGTTTCATATGCCGTTTGTGATGGCTTCCATGTCGGCAGAA

Sequence (5' to 3'): TGCTTAATGAATTACAACAGTACTGCGATGAGTGGCAGGCGGGGCGTAAAGATCTGGATCCGGCTTACTAAAAGCCAGATAACAGTATGCGTATTGCGCGCTGATTTT

Sequence (5' to 3'): TGCGGTATAAGAATATATACTGATATGTATACCCGAAGTATGTCAAAAAGAGGTATGCTATGAAGCAGCGTATTACAGTGACAGTTGACAGCGACAGCTATCAGTTGCTC

Sequence (5' to 3'): AAGGCATATATGATGTCAATATCTCCGGTCTGGTAAGCACACCATGCAGAATGAAGCCCGTCGTCTGCGTGCCGAACGCTGGAAAGCGGAAAATCAGGAAGGGATGGCT

Sequence (5' to 3'): GAGGTCGCCCGGTTTATTGAAATGAACGGCTCTTTTGTGACGAGAACAGGGGCTGGTGAAATGCAGTTTAAGGTTTACACCTATAAAAGAGAGAGCCGTTATCGTCTGT

Sequence (5' to 3'): ccdB gene



