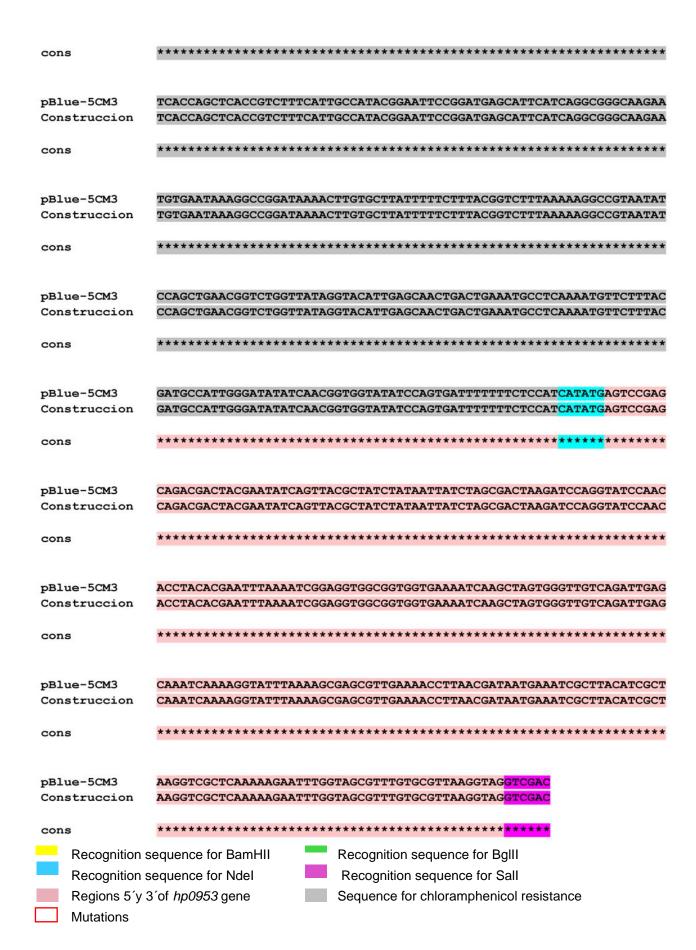```
pBlue-5CM3   GGATCCATGGTTTTAATCGCTCTTTTAGGGGTGTGTTTTCAAGCGTTTCATTAAGCGCTAAGAGTCTT
Construccion GGATCCATGGTTTTAATCGCTCTTTTAGGGGTGTGTTTTCAAGCGTTTCATTAAGCGCTAAGAGTCTT

cons   **

pBlue-5CM3   TTAAGAGATGATGGGATTTTAGTCTCTGATTTAAAGGGCATGAAATCAGAACTATCTGATGCTCCT
Construccion TTAAGAGATGATGGGATTTTAGTCTCTGATTTAAAGGGCATGAAATCAGAACTATCTGATGCTCCT

cons   **

pBlue-5CM3   GCTTGGGTTTTTGAAGACGCTAAAGCCCCCTACGAAGAAATGGGCGTGGCGTATATCCCTGTTAAT
Construccion GCTTGGGTTTTTGAAGACGCTAAAGCCCCCTACGAAGAAATGGGCGTGGCGTATATCCCTGTTAAT

cons   **

pBlue-5CM3   AATAAATATTTAGGGATTGAGCAAGCGACCTTAAACGCTAAATTGAGTCTGATCGTGGTTTTTCAT
Construccion AATAAATATTTAGGGATTGAGCAAGCGACCTTAAACGCTAAATTGAGTCTGATCGTGGTTTTTCAT

cons   **

pBlue-5CM3   GAAATCATGATGAAGTATAAAAAACGCTTCATGGAGCAATTCCATGAGATCTTTACGCCCCGCCCT
Construccion GAAATCATGATGAAGTATAAAAAACGCTTCATGGAGCAATTCCATGAGATCTTTACGCCCCGCCCT

cons   ***

pBlue-5CM3   GCCACTCATCGCAGTACTGTTGTAATTCATTAAGCATTCTGCCGACATGGAAGCCATCACAAACGG
Construccion GCCACTCATCGCAGTACTGTTGTAATTCATTAAGCATTCTGCCGACATGGAAGCCATCACAGACGG

cons   ** ****

pBlue-5CM3   CATGATGAACCTGAATCGCCAGCGGCATCAGCACCTTGTCGCCTTGCGTATAATATTTGCCCATGG
Construccion CATGATGAACCTGAATCGCCAGCGGCATCAGCACCTTGTCGCCTTGCGTATAATATTTGCCCATGG

cons   **

pBlue-5CM3   TGAAAACGGGGGCGAAGAAGTTGTCCATATTGGCCACGTTTAAATCAAAACTGGTGAAACTCACCC
Construccion TGAAAACGGGGGCGAAGAAGTTGTCCATATTGGCCACGTTTAAATCAAAACTGGTGAAACTCACCC

cons   **

pBlue-5CM3   AGGGATTGGCTGAGATGAAAAACATATTCTCAATAAACCCTTTAGGGAAATAGGCCAGGTTTTCAC
Construccion AGGGATTGGCTGAGACGAAAAACATATTCTCAATAAACCCTTTAGGGAAATAGGCCAGGTTTTCAC

cons   **************** ***

pBlue-5CM3   CGTAACACGCCACATCTTGCGAATATATGTGTAGAAACTGCCGGAAATCGTCGTGGTATTCACTCC
Construccion CGTAACACGCCACATCTTGCGAATATATGTGTAGAAACTGCCGGAAATCGTCGTGGTATTCACTCC

cons   **

pBlue-5CM3   AGAGCGATGAAAACGTTTCAGTTTGCTCATGGAAAACGGTGTAACAAGGGTGAACACTATCCCATA
Construccion AGAGCGATGAAAACGTTTCAGTTTGCTCATGGAAAACGGTGTAACAAGGGTGAACACTATCCCATA
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cons          ****************************************************************

pBlue-5CM3    TCACCAGCTCACCGTCTTTCATTGCCATACGGAATTCCGGATGAGCATTCATCAGGCGGGCAAGAA
Construccion  TCACCAGCTCACCGTCTTTCATTGCCATACGGAATTCCGGATGAGCATTCATCAGGCGGGCAAGAA

cons          ****************************************************************

pBlue-5CM3    TGTGAATAAAGGCCGGATAAAACTTGTGCTTATTTTTCTTTACGGTCTTTAAAAAGGCCGTAATAT
Construccion  TGTGAATAAAGGCCGGATAAAACTTGTGCTTATTTTTCTTTACGGTCTTTAAAAAGGCCGTAATAT

cons          ****************************************************************

pBlue-5CM3    CCAGCTGAACGGTCTGGTTATAGGTACATTGAGCAACTGACTGAAATGCCTCAAAATGTTCTTTAC
Construccion  CCAGCTGAACGGTCTGGTTATAGGTACATTGAGCAACTGACTGAAATGCCTCAAAATGTTCTTTAC

cons          ****************************************************************

pBlue-5CM3    GATGCCATTGGGATATATCAACGGTGGTATATCCAGTGATTTTTTTCTCCATCATATGAGTCCGAG
Construccion  GATGCCATTGGGATATATCAACGGTGGTATATCCAGTGATTTTTTTCTCCATCATATGAGTCCGAG

cons          ********************************************************************

pBlue-5CM3    CAGACGACTACGAATATCAGTTACGCTATCTATAATTATCTAGCGACTAAGATCCAGGTATCCAAC
Construccion  CAGACGACTACGAATATCAGTTACGCTATCTATAATTATCTAGCGACTAAGATCCAGGTATCCAAC

cons          ****************************************************************

pBlue-5CM3    ACCTACACGAATTTAAAATCGGAGGTGGCGGTGGTGAAAATCAAGCTAGTGGGTTGTCAGATTGAG
Construccion  ACCTACACGAATTTAAAATCGGAGGTGGCGGTGGTGAAAATCAAGCTAGTGGGTTGTCAGATTGAG

cons          ****************************************************************

pBlue-5CM3    CAAATCAAAAGGTATTTAAAAGCGAGCGTTGAAAACCTTAACGATAATGAAATCGCTTACATCGCT
Construccion  CAAATCAAAAGGTATTTAAAAGCGAGCGTTGAAAACCTTAACGATAATGAAATCGCTTACATCGCT

cons          ****************************************************************

pBlue-5CM3    AAGGTCGCTCAAAAAGAATTTGGTAGCGTTTGTGCGTTAAGGTAGGTCGAC
Construccion  AAGGTCGCTCAAAAAGAATTTGGTAGCGTTTGTGCGTTAAGGTAGGTCGAC

cons          ***********************************************
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■ Recognition sequence for BamHII   ■ Recognition sequence for BglII
■ Recognition sequence for NdeI   ■ Recognition sequence for SalI
■ Regions 5´y 3´of *hp0953* gene   ■ Sequence for chloramphenicol resistance
☐ Mutations

Supplemental Figure 1 Blue-5CM3 plasmid sequencing. Sequence obtained from the coding fragment for Cm resistance of plasmid pBlue-5CM3 with the amino acid sequence that codes for said resistance obtained from plasmid pLysS. Mutated amino acids are framed in red. At amino acid 145 there was a change from V to I and at amino acid 195 there was a silent mutation.