



T7 promoter: bases 21-40

attR1: bases 67-191

Chloramphenicol resistance gene (Cm<sup>R</sup>): bases 441-1100

ccdB gene: bases 1442-1747

attR2: bases 1788-1912

T7 transcription termination region: bases 1923-2051

bla promoter: bases 2539-2637

Ampicillin (bla) resistance gene: bases 2638-3498

pBR322 origin: bases 3643-4316

ROP ORF: bases 4687-4878 (C)

C=complementary strand