

Table S1. Primers for strain identification and detecting the circular intermediate form.

Primers	Sequence (5'-3')	Product length
16s	F:GAGCGGATAACAATTTACACAGG R: CGCCAGGGTTTTCCCAGTCACGAC	500bp
<i>bla</i> _{CTX-M-1}	F: AACCGTCACGCTGTTGTTAG R: TTGAGGCTGGGTGAAGTAAG	766bp
XJ6-1-I	P1: CGTTTTTGCTCTCTTACGGTTGCG P2: GCGTTGAGAATGGGAGAGACTGAGC	3867bp
XJ6-1-II	P1: AAGGAAGGACCCTGTGTCTCAACTC P2: CGCCTGGCAACTGTGAAAGC	3818bp
XJ6-1-III	P1: CATTATCACAGCGGA ACTCA P2: AAAGTACTGTCTTTGTATCACTCT	3221bp
XJ6-1-IV	P1: AGCCAACTGCTGCTGCGT P2: GCTCAAAGAAATTGTATTCATAGGT	1739bp
XJ6-1-V	P1: TTGTTATGACTGTTTTTTTGGGGT P2: ATAAGTTCAGGCTCCAGTACCG	3422bp
XJ55-I	P1: CTTATGCAACATCGTATTATTCTCC P2: GATTTAACAGATTCGGTTCGCT	2762bp
XJ55-II	P1: GCAAGGTTTCGGTCTCCA P2: GGCTCGCTTCTGCTTTCAC	3349bp
ZYB39-I	P1: TTCGCCTTACCCGCTTTTA P2: ATTTAACAGATTCGGTTCGCTT	2844bp
ZYB39-II	P1: ATGAAGTGGTTCGCATCCTCG P2: TGGGCTCGCTTCTGCTTTC	3207bp
ZYB62-I	P1: ATCAATGCCACACCCAGTCTGC P2: CAACATCGTATTATTCTCCCCG	2616bp
ZYB62-II	P1: CTCAAGTCCGATGACGAGGTAC P2: CCGAACAGGCTTATGTCCACT	3095bp

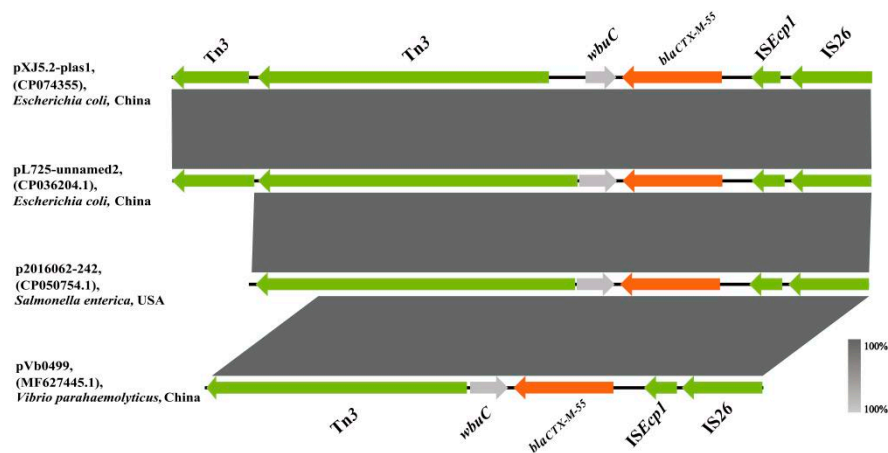


Figure S1. Sequence alignment of *bla*_{CTX-M-55}-positive IncHI2 plasmids of pXJ5.2-plas1.

