

Supplementary Table

Cycle parameters of polymerase chain reactions

Reaction	First Denaturation	Denaturation	Elongation	Extension	Final Extension	Cycle
<i>intI1/intI2</i> integrase	94 °C (5 min)	94 °C (1 min)	57 °C (5 min)	72 °C (1 min)	72 °C (10 min)	34
Class 1 Integron	94 °C (2 min)	94 °C (30 sec)	56°C (45 sec)	72 °C (3 min)	72 °C (5min)	34
Class 2 Integron	94 °C (3 min)	94 °C (45 sec)	55 °C (1 min)	72 °C (2 min)	72 °C (5 min)	34
<i>bla</i> _{TEM}	94 °C (5 min)	94 °C (1 min)	56 °C (1 min)	72 °C (1 min)	72 °C (7 min)	34
<i>bla</i> _{SHV}	94 °C (2 min)	94 °C (30 sec)	60 °C (30 sec)	72 °C (1 min)	72 °C (4 min)	35
<i>bla</i> _{CTX-M}	94 °C (2 min)	95 °C (20sec)	51 °C (30 sec)	72 °C (30 sec)	72 °C (3 min)	35
CTX-M Groups	95 °C (2 min)	95 °C (1 min)	55 °C (1 min)	72 °C (1min)	72 °C (10 min)	30
<i>tetA</i>	94 °C (3 min)	94 °C (30 sec)	58 °C (1 min)	72 °C (1 min)	72 °C (5 min)	34
<i>tetB</i>	94 °C (3 min)	94 °C (30sec)	55 °C (1 min)	72 °C (45 sec)	72 °C (5 min)	34
<i>tetC, D, E</i>	94 °C (5 min)	94 °C (30 sec)	56 °C (30 sec)	72 °C (1 min)	72 °C (7 min)	29
Quinolone resistance genes	94 °C (5 min)	94 °C (1 min)	55 °C (1 min)	72 °C (1 min)	72 °C (10 min)	30
Virulence genes	95 °C (5 min)	94 °C (1 min)	58 °C (1 min)	72 °C (1 min)	72 °C (10 min)	30
Phylogenetic groups	94 °C (4 min)	94 °C (5 sec)	59 °C (10 sec)	72 °C (5 min)	72 °C (5 min)	30
ERIC PCR	94 °C (1 min)	94 °C (30 sec)	52 °C (35 sec)	72 °C (4 min)	72 °C (5 min)	30

Raw Data of Integron DNA Sequencing

Isolate No 210-2

>E230208-026_C21_V1_3_CS_635

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Isolate No 669-1

>E230208-026_K21_V3_3_CS 1494

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Isolate No 669-3

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[illegible]

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Isolate No 671-1

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Isolate No 671-2

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1369

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961

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GCCGACTAAATGAGCAGCTTCCAGACCATAACCATCAATGACGCGAACCACATCATCTGCTAATTCTTCAACGGAATATGGAGCCTGACCTGG
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CGGACATTGGTGATGTTGATGTTATGGAGCAGCAACGATGTTACGCAGCAGGGCAGTCGCCCTAAAACAAAGTTAGACATCATGAGGGTAGC
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CTCCGCAGTGGATGGCGGCCTGAAGCCATACAGCGATATTGATTTGCTGGTTACGGTGACCGTAAGGCTTGATGAAACAACGCGGCGAGCTTT
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GGCTAAAGAATATGTGCTTAGTGATCTACGCTTGAGTTAAGCCGCGCCGCGAAGCGGCGTCGGCTTGAACGAATTGTTAGACATTATTTGCC
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992

CGGGATGGGTGATGTTTGTATGGAGCAGCAACGATGTTACGCAGCAGGGCAGTCGCCCTAAAACAAAGTTAGACATCATGAGGGTAGC
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TCCGTGGCGTTATCCAGCTAAGCGCGAACTGCAATTTGGAGAATGGCAGCGCAATGACATTCTTGACAGGTATCTTCGAGCCAGCCACGATCGA
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848

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907

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