

Table S1. MICs of sixteen antimicrobials agents against NDM-5-positive isolates and transconjugants.

Strains	MICs (mg/L)															
	CTX	CAZ	FOX	MEM	ERT	IMP	ATM	AMK	GEN	TOB	CIP	TET	TGC	FOS	SXT	CS
CQ02 6-1	>256	>256	>256	16	>64	>64	>256	2	64	8	>256	256	1	128	>320	4
CQ02 6-3	256	>256	>256	64	>64	>64	32	4	16	64	256	128	0.5	4	>320	0.25
GZ03	256	>256	>128	4	64	64	0.5	4	1	16	2	64	0.5	4	>320	0.5
GZ09	256	>256	>128	4	32	>64	0.25	2	1	8	2	64	0.5	2	>320	0.5
YZ-10	128	>256	>256	16	>64	32	4	2	0.5	0.5	32	8	0.5	8	>320	0.5
<i>Transconjugants</i>																
CQ02 6-1T	128	128	>128	4	>64	32	0.5	2	2	2	0.03	2	0.5	1	10	4
CQ02 6-3T	128	128	128	8	64	32	0.25	2	2	2	0.03	2	0.5	2	10	0.25
GZ03T	64	256	>128	1	64	32	0.0625	2	2	1	0.008	1	0.015	2	10	0.125
GZ09T	64	256	>128	1	>64	64	0.125	2	2	1	0.015	1	0.0625	2	10	0.125
YZ-10T	256	128	>128	16	>64	16	0.25	2	2	2	0.03	1	0.0625	2	10	0.125

CTX, cefotaxime; CAZ, ceftazidime; FOX, cefoxitin; MEM, meropenem; ERT, ertapenem; IMP, imipenem; ATM, aztreonam; AMK, amikacin; GEN, gentamicin; TOB, tobramycin; CIP, ciprofloxacin; TET, tetracycline; TGC, tigecycline; FOS, fosfomycin; SXT, sulfamethoxazole–trimethoprim, CS, colistin.

Table S2. Primer sequences for carbapenem resistance genes.

Target genes	Primers (5'-3')	Length (bp)	Tm (°C)
<i>bla</i> _{NDM}	GGTTTGGCGATCTGGTTTTTC	621	56.1
	CGGAATGGCTCATCACGATC		
<i>bla</i> _{KPC}	CGTCTAGTTCTGCTGTCTTG	798	58.2
	CTTGTCATCCTTGTTAGGCG		
<i>bla</i> _{OXA-48}	GCGTGGTTAAGGATGAACAC	438	57.7
	CATCAAGTTCAACCCAACCG		
<i>bla</i> _{IMP}	GGAATAGAGTGGCTTAAYTCTC	232	54.6
	GGTTTAAYAAAACAACCACC		
<i>bla</i> _{VIM}	GATGGTGTTTGGTCGCATA	390	56.3
	CGAATGCGCAGCACCAG		