

Table S1 Primers used in this study.

Primer name	Sequence (5'-3')	Reference
27F	AGAGTTTGATCCTGGCTCAG	(Lane, 1991)
1492R	ACGGCTACCTTGTTACGACTT	
<i>bla</i> _{CTX-M-F}	CGATGTGCAGTACCAGTAA	(Batchelor et al., 2005)
<i>bla</i> _{CTX-M-R}	TTAGTGACCAGAATCAGCGG	
<i>bla</i> _{CTX-M-1 group -F}	CAGCGCTTTTGCCGTCTAAG	(Yu et al., 2007)
<i>bla</i> _{CTX-M-1 group -R}	GGCCCATGGTTAAAAAATCACTGC	
<i>bla</i> _{CTX-M-2 group -F}	CTCAGAGCATTCCCGCTCA	(Yu et al., 2007)
<i>bla</i> _{CTX-M-2 group -R}	CCGCCGCAGCCAGAATATCC	
<i>bla</i> _{CTX-M-8 group -F}	ACTTCAGCCACACGGATTCA	(Yu et al., 2007)
<i>bla</i> _{CTX-M-8 group -R}	CGAGTACGTACGACGACTT	
<i>bla</i> _{CTX-M-9 group -F}	GTTACAGCCCTTCGGCGATGATTC	(Yu et al., 2007)
<i>bla</i> _{CTX-M-9 group -R}	GCGCATGGTGACAAAGAGAGTGCAA	
<i>bla</i> _{VIM-F}	GATGGTGTGGTTCGCATA	(Ellington et al., 2007)
<i>bla</i> _{VIM-R}	CGAATGCGCAGCACCAG	
<i>bla</i> _{KPC-F (full)}	CGCTACACCTAGCTCCACCTTC	This study
<i>bla</i> _{KPC-R (full)}	CGGTGGTGGGCCAATAGATG	
<i>bla</i> _{NDM-F (full)}	ATTTACTAGGCCTCGCATTTGC	This study
<i>bla</i> _{NDM-R (full)}	GCCTCTGTACATCGAAATCG	
<i>bla</i> _{IMP-F}	GGAATAGAGTGGCTTAAYTCTC	(Ellington et al., 2007)
<i>bla</i> _{IMP-R}	CCAAACYACTASGTTATCT	
<i>bla</i> _{OXA-48-F}	TTGGTGGCATCGATTATCGG	(Szekely et al., 2013)
<i>bla</i> _{OXA-48-R}	GAGCACTTCTTTTGTGATGGC	
<i>bla</i> _{OXA-58-F}	AAGTATTGGGGCTTGTGCTG	(Asadollahi et al., 2012)
<i>bla</i> _{OXA-58-R}	CCCCTCTGCGCTCTACATAC	

References

- Asadollahi, P, Akbari, M, Soroush, S, Taherikalani, M, Asadollahi, K, Sayehmiri, K, Maleki, A, Maleki, M H, Karimi, P, Emaneini, M, 2012. Antimicrobial resistance patterns and their encoding genes among *Acinetobacter baumannii* strains isolated from burned patients. *Burns* 38:1198-1203.
- Batchelor, M, Hopkins, K, Threlfall, E J, Clifton-Hadley, F A, Stallwood, A D, Davies, R H, Liebana, E, 2005. *bla*(CTX-M) genes in clinical *Salmonella* isolates recovered from humans in England and Wales from 1992 to 2003. *Antimicrob Agents Chemother* 49:1319-1322.
- Ellington, M J, Kistler, J, Livermore, D M, Woodford, N, 2007. Multiplex PCR for rapid detection of genes encoding acquired metallo-beta-lactamases. *J Antimicrob Chemother* 59:321-322.
- Lane, D J, 1991. 16S/23S rRNA sequencing. *Nucleic acid techniques in bacterial systematics*:115-175.
- Szekely, E, Damjanova, I, Janvari, L, Vas, K E, Molnar, S, Bilca, D V, Lorinczi, L K, Toth, A, 2013. First description of *bla*(NDM-1), *bla*(OXA-48), *bla*(OXA-181) producing *Enterobacteriaceae* strains in Romania. *Int J Med Microbiol* 303:697-700.
- Yu, Y, Ji, S, Chen, Y, Zhou, W, Wei, Z, Li, L, Ma, Y, 2007. Resistance of strains producing extended-spectrum beta-lactamases and genotype distribution in China. *The Journal of infection*

54:53-57.