Accepted Manuscript

Emergence of NDM-5-producing Escherichia coli Sequence Type 167 clone in Italy

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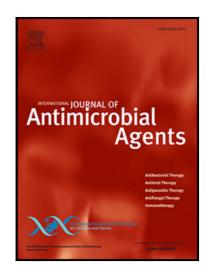
PII: \$0924-8579(18)30063-3

DOI: 10.1016/j.ijantimicag.2018.02.020

Reference: ANTAGE 5389

To appear in: International Journal of Antimicrobial Agents

Received date: 19 December 2017 Revised date: 23 February 2018 Accepted date: 24 February 2018



Please cite this article as: Maria Giufrè, Giulia Errico, Marisa Accogli, Monica Monaco, Laura Villa, Maria Antonietta Distasi, Tito Del Gaudio, Annalisa Pantosti, Alessandra Carattoli, Marina Cerquetti, Emergence of NDM-5-producing Escherichia coli Sequence Type 167 clone in Italy, *International Journal of Antimicrobial Agents* (2018), doi: 10.1016/j.ijantimicag.2018.02.020

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ACCEPTED MANUSCRIPT

Highlights

- We report on the first detection of NDM-5-producing E. coli ST167 isolates, in Italy
- Isolates from two patients with UTI were actually the same "strain" by PFGE
- The *bla*_{NDM-5} gene was located on a novel IncFII plasmid (pNDM-5-IT)
- pNDM-5-IT carried both resistance and virulence determinants facilitating its spread



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