Online Resource 5

Article title: Molecular profiling of antimicrobial resistance determinants among ESBL-producing Enterobacteriaceae isolated from community-acquired urinary tract infections in Tétouan, Morocco

Journal: *Infection*

Authors: Laila Farouk, Ayoub Ez-Zari, Zine El Abidine Bzazou EL Ouazzani, Zakaria Mennane, Noureddine El Mtili

Affiliations:

1. Laboratory of Biology and Health (UAE/U16FS), Department of Biology, Faculty of Sciences, Abdelmalek Essaadi University, BP 2121, 93002, Tetouan, Morocco
2. Grup de Biotecnologia Molecular i Industrial, Department of Chemical Engineering, Universitat Politècnica de Catalunya, Terrassa, Spain

Corresponding author: Ayoub Ez-Zari
E-mail: ayoub.ezz1990@gmail.com

Online Resource 5. Distribution of antimicrobial resistance genes among individual ESBL-producing Enterobacteriaceae isolates (n = 20)| Presence (+) or absence (−) of antimicrobial resistance genes detected by conventional PCR in the 20 ESBL-producing Enterobacteriaceae isolates included in the molecular analysis.

Isolate	blaCTX-M	qnrS	aac(6')-Ib	qnrA	qnrB	blaSHV	blaTEM	aac(3)-IIa	ant(2'')-Ia
1	+	–	+	–	+	–	–	–	–
2	+	–	+	+	+	–	–	–	–
3	+	–	+	+	–	–	+	+	–
4	+	–	–	–	–	–	+	+	+
5	+	–	+	+	–	–	+	+	–
6	+	–	+	+	+	–	–	+	–
7	+	–	+	+	+	–	–	–	–
8	+	–	+	+	+	–	–	+	–
9	+	–	+	–	+	–	+	–	–
10	+	–	+	–	+	–	–	–	–
11	+	–	+	–	+	–	–	–	+
12	+	–	+	+	+	–	–	–	–
13	+	–	+	+	+	–	+	+	–
14	+	–	+	+	+	–	–	+	–
15	+	–	+	+	+	–	+	+	–
16	+	–	+	+	+	–	–	+	–

Isolate	blaCTX-M	qnrS	aac(6')-Ib	qnrA	qnrB	blaSHV	blaTEM	aac(3)-IIa	ant(2'')-Ia
17	+	+	+	–	+	+	+	+	+
18	+	+	+	–	–	+	+	+	+
19	–	–	–	–	+	–	–	–	+
20	+	–	+	–	+	+	+	+	+

"+" indicates the presence of the target gene, whereas "–" indicates its absence. Only the 20 ESBL-producing Enterobacteriaceae isolates included in the original phenotypic study were analyzed to ensure complete correspondence between phenotypic and molecular findings.