Online Resource 6

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

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Online Resource 6. Complete combinations of antimicrobial resistance genes detected among individual ESBL-producing Enterobacteriaceae isolates|

Frequency of antimicrobial resistance gene combinations detected by conventional PCR among the 20 ESBL-producing *Enterobacteriaceae* isolates. Percentages were calculated using the total number of molecularly characterized isolates (n = 20). Gene combinations were not mutually exclusive.

Gene combination	**n**	**%**
Pairwise combinations		
blaCTX-M + aac(6')-Ib	**18**	**90.0**
blaCTX-M + qnrB	**15**	**75.0**
qnrB + aac(6')-Ib	**15**	**75.0**
blaCTX-M + aac(3)-IIa	**12**	**60.0**
aac(6')-Ib + aac(3)-IIa	**11**	**55.0**
blaCTX-M + blaTEM	**9**	**45.0**
blaCTX-M + qnrA	**11**	**55.0**
blaTEM + aac(6')-Ib	**8**	**40.0**
qnrB + aac(3)-IIa	**8**	**40.0**
qnrA + aac(6')-Ib	**11**	**55.0**
blaTEM + qnrB	**5**	**25.0**
blaTEM + aac(3)-IIa	**8**	**40.0**
qnrA + qnrB	**9**	**45.0**
qnrA + aac(3)-IIa	**8**	**40.0**
blaCTX-M + ant(2'')-Ia	**5**	**25.0**
blaTEM + qnrA	**4**	**20.0**

blaTEM + ant(2″)-Ia	**4**	**20.0**
qnrB + ant(2″)-Ia	**4**	**20.0**
aac(6′)-Ib + ant(2″)-Ia	**4**	**20.0**
aac(3)-IIa + ant(2″)-Ia	**4**	**20.0**
blaCTX-M + blaSHV	**3**	**15.0**
blaSHV + blaTEM	**3**	**15.0**
blaSHV + aac(6′)-Ib	**3**	**15.0**
blaSHV + aac(3)-IIa	**3**	**15.0**
blaSHV + ant(2″)-Ia	**3**	**15.0**
blaCTX-M + qnrS	**2**	**10.0**
blaTEM + qnrS	**2**	**10.0**
blaSHV + qnrB	**2**	**10.0**
blaSHV + qnrS	**2**	**10.0**
qnrS + aac(6′)-Ib	**2**	**10.0**
qnrS + aac(3)-IIa	**2**	**10.0**
qnrS + ant(2″)-Ia	**2**	**10.0**
Triple combinations		
blaCTX-M + qnrB + aac(6′)-Ib	**15**	**75.0**
blaCTX-M + blaTEM + aac(6′)-Ib	**8**	**40.0**
blaCTX-M + blaTEM + qnrB	**5**	**25.0**
blaCTX-M + qnrA + aac(6′)-Ib	**11**	**55.0**
blaCTX-M + qnrB + aac(3)-IIa	**8**	**40.0**
blaCTX-M + aac(6′)-Ib + aac(3)-IIa	**11**	**55.0**
Four-gene combinations		
blaCTX-M + blaTEM + qnrB + aac(6′)-Ib	**5**	**25.0**
blaCTX-M + qnrB + aac(6′)-Ib + aac(3)-IIa	**8**	**40.0**