

**Table S1.** Abundance of non-ESBL phenotype bla genes.

	<i>bla</i> <sub>TEM-1</sub>	<i>bla</i> <sub>SHV-1</sub>	<i>bla</i> <sub>SHV-11</sub>	<i>bla</i> <sub>SHV-28</sub>	<i>bla</i> <sub>SHV-76</sub>
<i>E. coli</i>	146	1	1	-	-
<i>K. pneumoniae</i>	40	28	12	1	6
<i>P. mirabilis</i>	5	-	-	-	-
<i>E. cloacae</i>	4	-	-	-	-
<i>K. oxytoca</i>	5	-	-	-	-
<i>C. braakii</i>	1	-	-	-	-
<i>C. freundii</i>	1	-	-	-	-
<i>S. spp</i>	1	-	-	-	-
<i>sum</i>	203	29	13	1	6

**Table S2.** Isolates with ESBL phenotype but no detected ESBL genes.

<i>Isolates</i>	non-ESBL genes	AM	AMC	CXM	CTX	GM	TZP	CIP	SXT	MEM	FEP	CAZ
<i>K. pneumoniae</i>	<i>bla</i> <sub>SHV-1</sub>	R	S	R	R	S	S	S	R	S	S	R
<i>E. coli</i>	-	R	S	R	R	S	S	S	S	S	S	S
<i>Providencia rettgeri</i>	-	R	R	R	R	R	S	R	R	S	R	R
<i>E. coli</i>	-	R	R	R	R	R	R	R	R	S	R	R
<i>E. coli</i>	<i>bla</i> <sub>TEM-1</sub> , <i>bla</i> <sub>SHV-11</sub>	R	R	R	R	S	R	R	R	S	R	R
<i>K. variicola</i>	<i>bla</i> <sub>SHV-11</sub>	R	R	R	R	S	R	S	S	S	R	R
<i>K. oxytoca</i>	-	R	R	R	R	S	R	S	S	S	R	R
<i>C. freundii</i>	<i>bla</i> <sub>TEM-1</sub>	R	R	S	-	S	S	S	S	R	S	S