

Appendix 1: Antibiotics resistance patterns of isolates compared with the size of gene cassettes.

ID of isolates	Size of gene cassettes based on PCR method(bp)	Antibiotics resistance patterns based on disk diffusion method
124	500/1400	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
159	500	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
160	500	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
167	500	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
168	500	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
171	500	CPM/T/CAZ/GM/PRL/TS/AK/MEM/IMI
172	500	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
174	500	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
125	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
127	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
128	700	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
129	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
131	700/1400	CPM/T/SAM/GM/PRL/TS/AK/MEM/IMI
132	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
133	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
135	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
136	700	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
137	700	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
139	700/1400	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
140	700	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
141	700	CAZ/PRL/TS/AK/MEM/IMI
142	700	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
145	700	CPM/CAZ/GM/PRL/TS/AK/MEM/IMI
148	700	CPM/CAZ/GM/PRL/TS/AK/MEM/IMI
178	700	T/CAZ/GM/PRL/TS/AK/MEM/IMI

48	750/1200	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
3	1000/1200	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
7	1000/1200	CPM/T/SAM/CAZ/GM/AK/MEM/IMI
15	1000/1200	CPM/T/CAZ/GM/PRL/TS/AK/MEM/IMI
16	1000/1200/1400	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
17	1000/1200	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
18	1000/1200	CPM/T/SAM/CAZ/GM/AK/MEM/IMI
8	1200	T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
28	1200	CPM/T/CAZ/GM/PRL/TS/AK/MEM/IMI
29	1200	CPM/T/SAM/CAZ/GM/AK/MEM/IMI
31	1200	T/CAZ/GM/PRL/TS/AK/MEM/IMI
49	1200	T/GM/PRL/TS/AK/MEM/IMI
53	1200	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
60	1200	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
93	1200	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
98	1200	CPM/T/SAM/GM/PRL/TS/IMI
117	1400/1500	CPM/T/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
157	1400/1500	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI
176	1400	CPM/T/CAZ/GM/PRL/TS/AK/MEM/IMI
150	1500	CPM/SAM/CAZ/GM/PRL/TS/AK/MEM/IMI

Abbreviation: AK:amikacin CAZ:ceftazidime CPM:cefepime GM:gentamicin IMI:imipenem
MRP:meropenem PRL:piperacillin SAM:ampicillin-sulbactam T:tetracycline TS: trimethoprim-
sulfamethoxazole