

Supplementary table 1. The detailed characteristics of studied patients with urinary tract infection

No.	Age	Gender	Hospital	Multi-drug resistance	ESBLs	Antibiotic resistance pattern	Gene pattern
1	24	Female	Al-Zahra	MDR	Negative	SXT-TET-CIP-NAL-CEP-AUG-AMP	fyuA-bmaE-sfa/focDE-papAH-papEF-kpsMT II-papC-papG II-traT-usp-afa/draBC
2	6	Female	Al-Zahra	MDR	Negative	SXT-TET-NAL-CEP-AMP	fyuA-bmaE-papAH-papEF-kpsMT II-papC-papG II-traT-iron-usp
3	72	Male	Razi	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-sfa/focDE-ibeA-kpsMT II-papC-papG II-traT-focG-usp
4	5	Female	Al-Zahra	Non-MDR	Negative	AMP	fyuA-sfa/focDE-ibeA-fimH-kpsMT II-papC-papG II-traT-focG-usp-afa/draBC
5	≤1	Female	Al-Zahra	MDR	Positive	AZT-SXT-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	fyuA-bmaE-ibeA-kpsMT II-papC-papG II-traT-focG-usp-afa/draBC
6	71	Male	Razi	MDR	Positive	AZT-GEN-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	fyuA-bmaE-sfa/focDE-kpsMT II-papC-papG II-traT-usp
7	15	Female	Razi	MDR	Negative	SXT-TET-CIP-AMP	fyuA-bmaE-sfa/focDE-kpsMT II-papC-papG II-traT-usp
8	73	Male	Razi	Non-MDR	Negative	None	fyuA-bmaE-papAH-papEF-kpsMT II-papC-papG II-traT-usp
9	≤1	Female	Rasol Akram	Non-MDR	Negative	NAL	fyuA-ibeA-kpsMT II-traT-usp-afa/draBC
10	≤1	Female	Al-Zahra	MDR	Negative	TET-NAL-FEP-CEP-AUG-AMP	fyuA-bmaE-papEF-kpsMT II-papC-traT-usp-afa/draBC
11	≤1	Female	Rasol Akram	Non-MDR	Negative	NAL-AMP	fyuA-bmaE-sfa/focDE-ibeA-kpsMT II-papC-papG II-traT-usp
12	83	Female	Golsar	MDR	Negative	SXT-NAL-CFM-CTX-CEP-NIT-AUG-AMP	fyuA-bmaE-ibeA-kpsMT II-traT-usp
13	86	Female	Golsar	Non-MDR	Negative	GEN-NAL	fyuA-sfa/focDE-papG III-papAH-papEF-kpsMT II-papC-papG II-traT-usp-sfaS-cnfl
14	80	Female	Golsar	MDR	Negative	GEN-SXT-TET-CIP-NAL-AUG-AMP	fyuA-papAH-kpsMT II-papC-papG II-traT-focG-usp

15	82	Female	Golsar	MDR	Negative	GEN-SXT-CIP-OFX-NAL- CEP-AUG-AMP	fyuA-ibeA-kpsMT II-usp-afa/draBC-cnfl
16	68	Female	Razi	MDR	Negative	GEN-SXT-TET-CEP-AMP	fyuA-ibeA-kpsMT II-papC-papG II-traT
17	84	Female	Razi	MDR	Positive	AZT-GEN-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-papAH-papEF-kpsMT II-papC-papG II-traT-usp
18	28	Female	Al-Zahra	Non-MDR	Negative	None	fyuA-bmaE-sfa/focDE-ibeA-papG II-traT-focG-usp
19	77	Female	Golsar	MDR	Negative	SXT-TET-IMI-NAL-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-ibeA-traT-usp
20	82	Female	Golsar	MDR	Negative	SXT-TET-NAL-CAZ-CTX-NIT-AUG-AMP	fyuA-bmaE-sfa/focDE-ibeA-papG II-traT-focG-usp-afa/draBC
21	37	Female	Al-Zahra	MDR	Positive	AZT-SXT-TET-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-sfa/focDE-ibeA-papEF-kpsMT II-papC-papG II-traT-focG-usp
22	77	Male	Golsar	MDR	Negative	SXT-CIP-OFX-NAL-FOX-CEP-AUG-AMP	fyuA-ibeA-papEF-kpsMT II-papC-papG II-traT-focG-usp-afa/draBC
23	68	Female	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-ibeA-fimH-kpsMT II-papC-papG II-traT-usp
24	≤1	Female	Al-Zahra	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	fyuA-bmaE-kpsMT II-papC-papG II-traT-focG-usp
25	66	Female	Golsar	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-iutA-papG III-ibeA-kpsMT II-papC-papG II-traT-focG-usp-afa/draBC-sfaS-cnfl
26	55	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-bmaE-ibeA-kpsMT II-traT-usp
27	72	Male	Poursina	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-ibeA-fimH-kpsMT II-traT-usp
28	53	Female	Razi	MDR	Positive	AZT-SXT-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-sfa/focDE-ibeA-fimH-papEF-kpsMT II-traT-iroN-usp
29	61	Female	Golsar	MDR	Negative	SXT-TET-CIP-OFX-NAL-CEP-AMP	fyuA-sfa/focDE-kpsMT II-iroN-usp

30	71	Female	Razi	MDR	Positive	AZT-SXT-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-ibeA-fimH-kpsMT II-traT-iroN-usp-afa/draBC
31	61	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-papAH-papEF-kpsMT II-traT-usp-afa/draBC
32	52	Female	Razi	MDR	Negative	GEN-SXT-TET-NAL-AMP	fyuA-sfa/focDE-kpsMT II-traT-iroN-usp-afa/draBC
33	77	Male	Razi	MDR	Negative	SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-fimH-traT-iroN-usp
34	90	Male	Golsar	MDR	Positive	AZT-IMI-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	sfa/focDE-fimH-kpsMT II-traT-usp
35	75	Male	Golsar	MDR	Negative	SXT-TET-CIP-OFX-NAL-AMP	fyuA-papAH-fimH-traT-iroN-usp-cnf1
36	56	Male	Razi	MDR	Positive	AZT-GEN-SXT-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-bmaE-sfa/focDE-papG III-papAH-fimH-hlyA-papC-traT-focG-usp-cnf1
37	35	Female	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-bmaE-papG III-fimH-hlyA-papC-traT-focG-usp-afa/draBC-cnf1
38	50	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-bmaE-papG III-papAH-fimH-kpsMT II-traT-usp
39	67	Male	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-iutA-papG III-fimH-hlyA-papC-traT-afa/draBC-cnf1
40	52	Male	Poursina	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-papG III-fimH-papG II-traT-iroN
41	48	Female	Golsar	MDR	Positive	SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-papG III-papAH-fimH-kpsMT II-papG II-traT-iroN-usp
42	65	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-bmaE-papG III-papAH-fimH-hlyA-papC-papG II-traT-iroN-usp-cnf1
43	59	Female	Razi	MDR	Positive	AZT-GEN-SXT-IMI-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-papG III-fimH-hlyA-papC-papG II-traT-iroN-usp-cnf1

44	73	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-bmaE-papG III-papAH-fimH-kpsMT II-papG II-traT-iroN-usp
45	60	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-papG III-fimH-hlyA-papC-papG II-traT-iroN-usp-cnf1
46	51	Female	Golsar	MDR	Negative	AZT-SXT-TET-CAZ-CRO-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-papAH-fimH-hlyA-papG II-traT-iroN
47	81	Female	Razi	MDR	Positive	AZT-GEN-TET-IMI-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-papG III-fimH-hlyA-papC-papG II-traT-iroN-usp-cnf1
48	41	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	fyuA-fimH-rfc-papG II-traT-usp-cnf1
49	78	Male	Razi	MDR	Negative	GEN-SXT-TET-CIP-OFX-NAL-CFM-CEP	fyuA-papG III-fimH-hlyA-papC-rfc-papG II-traT-usp-cnf1
50	52	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-NAL-CAZ-CRO-CFM-CTX-FOX-CEP-AMP	fyuA-papG III-papAH-fimH-kpsMT II-papG II-traT-iroN-usp-afa/draBC
51	72	Female	Golsar	MDR	Positive	AZT-GEN-SXT-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-papAH-hlyA-kpsMT II-papC-papG II-traT-iroN-usp-cnf1
52	77	Female	Golsar	MDR	Positive	AZT-SXT-TET-NAL-CAZ-CRO-CTX-CEP-NIT-AUG-AMP	papG III-papAH-kpsMT II-papC-papG II-traT-usp-afa/draBC
53	74	Female	Golsar	MDR	Negative	GEN-CIP-OFX-NAL-CAZ-CFM-CTX-CEP-AMP	papG III-ibeA-fimH-hlyA-kpsMT II-papG II-traT-iroN-afa/draBC
54	85	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AMP	ibeA-fimH-kpsMT II-papG II-traT-iroN-usp-afa/draBC
55	62	Female	Golsar	MDR	Positive	AZT-SXT-TET-NAL-CRO-CFM-CTX-CEP-AMP	papG III-ibeA-fimH-hlyA-kpsMT II-papG II-traT-iroN-usp-afa/draBC-cnf1
56	24	Female	Razi	Non-MDR	Negative	None	papG III-fimH-kpsMT II-papC-papG II-traT-iroN-usp
57	30	Female	Golsar	MDR	Negative	IMI-CIP-NAL-CTX-CEP	papG III-ibeA-fimH-kpsMT II-papC-papG II-traT-iroN-usp
58	59	Female	Razi	Non-MDR	Negative	None	iutA-ibeA-fimH-hlyA-kpsMT II-papG II-traT-iroN-usp-cnf1

59	2	Male	Al-Zahra	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	iutA-papG III-ibeA-fimH-hlyA-kpsMT II-traT-iroN-usp-afa/draBC-cnf1
60	63	Male	Poursina	MDR	Positive	AZT-GEN-SXT-TET-CIP-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-iutA-ibeA-fimH-hlyA-kpsMT II-traT-iroN-usp-afa/draBC-cnf1
61	81	Female	Rasol Akram	MDR	Positive	AZT-TET-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	papG III-fimH-papEF-kpsMT II-traT-iroN-usp-afa/draBC
62	22	Female	Al-Zahra	MDR	Positive	AZT-SXT-TET-CIP-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	papG III-fimH-papEF-kpsMT II-traT-iroN-usp-afa/draBC
63	65	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-FEP-CFM-CTX-FOX-CEP-AUG-AMP	papG III-fimH-kpsMT II-traT-iroN-usp-afa/draBC
64	50	Female	Razi	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	papG III-fimH-kpsMT II-traT-iroN-usp-afa/draBC
65	11	Female	Al-Zahra	MDR	Negative	AZT-SXT-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	papG III-fimH-kpsMT II-traT-iroN-usp-afa/draBC
66	67	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-bmaE-fimH-kpsMT II-traT-usp-afa/draBC
67	≤1	Male	Al-Zahra	MDR	Negative	SXT-CIP-NAL-CAZ-CRO-CTX-CEP-AUG-AMP	fyuA-fimH-kpsMT II-usp
68	35	Male	Golsar	MDR	Negative	AZT-SXT-TET-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	fyuA-sfa/focDE-iutA-papG III-fimH-kpsMT II-rfc-traT-iroN-usp
69	54	Female	Golsar	Non-MDR	Negative	CEP	fyuA-fimH-traT-iroN-afa/draBC
70	67	Male	Razi	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-iutA-fimH-kpsMT II-traT-focG-afa/draBC
71	35	Female	Al-Zahra	MDR	Negative	AZT-SXT-TET-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	fyuA-iutA-fimH-kpsMT II-traT-usp-afa/draBC
72	2	Female	Al-Zahra	MDR	Negative	SXT-NAL-CRO-CTX-CEP-AMP	fyuA-iutA-papG III-fimH-papEF-kpsMT II-traT-iroN-usp-afa/draBC
73	≤1	Male	Al-Zahra	MDR	Positive	AZT-GEN-SXT-TET-IMI-CIP-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-iutA-papAH-fimH-papEF-hlyA-papC-traT-iroN-usp-afa/draBC-sfaS

74	78	Male	Razi	MDR	Positive	AZT-GEN-SXT-TET-IMI-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-NIT-AUG-AMP	fyuA-iutA-papAH-fimH-hlyA-papC-traT-iroN-usp-afa/draBC-sfaS
75	43	Female	Razi	MDR	Negative	SXT-TET-CIP-NAL-CTX-AMP	fyuA-papAH-fimH-papC-papG II-traT-iroN
76	48	Female	Rasol Akram	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-iutA-ibeA-papAH-fimH-hlyA-papC-papG II-traT-iroN-usp-afa/draBC-sfaS
77	60	Female	Razi	MDR	Negative	GEN-SXT-TET-CIP-OFX-NAL-CFM-CEP	fyuA-papAH-fimH-hlyA-papC-papG II-traT-iroN-usp-afa/draBC-sfaS
78	≤1	Female	Al-Zahra	Non-MDR	Negative	None	fyuA-sfa/focDE-iutA-papG III-fimH-kpsMT II-papG II-traT-iroN-usp-afa/draBC
79	35	Female	Al-Zahra	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-fimH-kpsMT II-papG II-traT-iroN-usp-afa/draBC
80	≤1	Female	Rasol Akram	Non-MDR	Negative	TET-CFM	fyuA-fimH-papG II-traT-iroN-afa/draBC
81	62	Male	Poursina	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-papG III-fimH-kpsMT II-papG II-traT-iroN-usp-afa/draBC
82	29	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-papG III-fimH-kpsMT II-papG II-traT-iroN-afa/draBC
83	45	Female	Golsar	Non-MDR	Negative	CEP-AMP	fyuA-papG III-fimH-kpsMT II-rfc-papG II-traT-iroN-usp-afa/draBC-sfaS
84	3	Female	Al-Zahra	Non-MDR	Negative	NAL	fyuA-bmaE-papG III-fimH-papG II-traT-afa/draBC
85	84	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-papG III-fimH-kpsMT II-papG II-traT-afa/draBC
86	4	Female	Rasol Akram	MDR	Negative	AZT-SXT-TET-CAZ-CRO-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-papG III-fimH-kpsMT II-papC-papG II-traT-afa/draBC
87	88	Male	Poursina	MDR	Positive	AZT-GEN-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-sfa/focDE-papG III-papAH-fimH-kpsMT II-papC-papG II-traT-iroN-usp-afa/draBC

88	47	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-bmaE-papG III-papAH-fimH-hlyA-kpsMT II-papC-papG II-traT-iroN-afa/draBC-cnf1
89	48	Female	Golsar	MDR	Positive	AZT-GEN-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-papG III-fimH-hlyA-kpsMT II-papC-papG II-iroN-afa/draBC-cnf1
90	66	Female	Razi	MDR	Positive	AZT-GEN-SXT-TET-CIP-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-bmaE-papG III-fimH-hlyA-kpsMT II-papC-papG II-iroN-afa/draBC-cnf1
91	77	Female	Razi	MDR	Negative	TET-CIP-OFX-NAL-CAZ-AMP	fyuA-papG III-fimH-hlyA-kpsMT II-papC-papG II-iroN-afa/draBC-cnf1
92	34	Female	Razi	MDR	Negative	SXT-CEP-AUG-AMP	fyuA-papG III-fimH-kpsMT II-papG II-iroN-cnf1
93	81	Female	Rasol Akram	MDR	Positive	AZT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-iutA-papG III-fimH-hlyA-kpsMT II-papG II-iroN-cnf1
94	74	Female	Poursina	MDR	Positive	AZT-SXT-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-sfa/focDE-iutA-papG III-fimH-hlyA-kpsMT II-papC-iroN-afa/draBC-cnf1
95	74	Female	Rasol Akram	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-NIT-AUG-AMP	fyuA-bmaE-papG III-fimH-hlyA-kpsMT II-papC-papG II-traT-iroN-afa/draBC-cnf1
96	23	Female	Razi	MDR	Negative	SXT-CEP-AUG-AMP	fyuA-iutA-papG III-fimH-hlyA-kpsMT II-papC-papG II-traT-iroN-usp-sfaS-cnf1
97	72	Female	Rasol Akram	MDR	Positive	AZT-GEN-TET-IMI-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-iutA-fimH-papC-papG II-iroN-sfaS-cnf1
98	82	Female	Rasol Akram	MDR	Negative	AZT-NAL-CAZ-CRO-CFM-CTX-CEP-AUG-AMP	fyuA-ibeA-fimH-papG II-traT-iroN-cnf1
99	49	Female	Razi	MDR	Negative	SXT-NAL-CTX	fyuA-fimH-kpsMT II-papG II-traT-iroN-cnf1
100	≤1	Female	Al-Zahra	MDR	Negative	SXT-TET-CAZ-CRO-AUG-AMP	fyuA-fimH-hlyA-kpsMT II-papC-papG II-traT-iroN-cnf1
101	80	Male	Golsar	MDR	Negative	TET-CEP-AMP	papG III-ibeA-fimH-hlyA-kpsMT II-papC-papG II-traT-iroN-usp

102	≤1	Female	Al-Zahra	Non-MDR	Negative	NAL	iutA-fimH-hlyA-kpsMT II-papC-papG II-afa/draBC-sfaS-cnf1
103	79	Male	Poursina	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-iutA-papG III-fimH-papEF-hlyA-kpsMT II-papC-papG II-usp-afa/draBC-sfaS-cnf1
104	80	Male	Rasol Akram	MDR	Negative	SXT-IMI-CIP-NAL-CRO-CEP	fyuA-papG III-fimH-kpsMT II-papC-papG II-focG-usp-afa/draBC-cnf1
105	43	Female	Golsar	Non-MDR	Negative	None	fyuA-bmaE-iutA-papG III-fimH-hlyA-kpsMT II-papC-papG II-iroN-afa/draBC
106	69	Male	Razi	MDR	Negative	CIP-OFX-NAL-CAZ-CFM-CTX-CEP-AMP	fyuA-sfa/focDE-iutA-papG III-fimH-hlyA-kpsMT II-papG II-iroN-afa/draBC
107	59	Female	Golsar	Non-MDR	Negative	CIP-NAL	fyuA-papG III-fimH-hlyA-kpsMT II-papC-papG II-traT-iroN-afa/draBC
108	≤1	Male	Al-Zahra	MDR	Negative	SXT-TET-CTX-CEP-AUG	fyuA-iutA-papG III-fimH-hlyA-kpsMT II-papC-papG II-traT-usp-cnf1
109	25	Female	Golsar	MDR	Positive	AZT-SXT-TET-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-iutA-papG III-ibeA-papEF-hlyA-papC-papG II-usp-cnf1
110	30	Female	Golsar	MDR	Positive	AZT-SXT-TET-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-papAH-fimH-papEF-hlyA-papC-traT-iroN-afa/draBC
111	39	Female	Golsar	MDR	Negative	SXT-TET-NAL-CRO-CEP-AMP	fyuA-papG III-papAH-fimH-papEF-kpsMT II-papC-iroN-afa/draBC-cnf1
112	77	Male	Golsar	MDR	Positive	AZT-GEN-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-sfa/focDE-papG III-papAH-fimH-papEF-kpsMT II-papC-papG II-traT-usp-afa/draBC-cnf1
113	86	Male	Golsar	MDR	Negative	SXT-TET-NAL-AMP	fyuA-sfa/focDE-iutA-papG III-papAH-fimH-papEF-hlyA-kpsMT II-papC-papG II-traT-iroN-usp-afa/draBC-sfaS-cnf1
114	≤1	Male	Al-Zahra	MDR	Positive	AZT-GEN-SXT-TET-CIP-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-papG III-papAH-fimH-kpsMT II-papC-papG II-traT-iroN-cnf1
115	62	Female	Golsar	Non-MDR	Negative		fyuA-iutA-papG III-papAH-kpsMT II-papC-papG II-traT-iroN-cnf1
116	56	Female	Golsar	MDR	Negative	AZT-SXT-SXT-TET-CIP-NAL-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-papG III-papAH-fimH-kpsMT II-papC-papG II-traT-iroN-usp-afa/draBC

117	31	Female	Golsar	Non-MDR	Negative	None	fimH-kpsMT II-papG II-traT-usp-afa/draBC-cnf1
118	72	Female	Golsar	Non-MDR	Negative	CEP	fyuA-papG III-fimH-kpsMT II-papG II-traT-iroN-afa/draBC
119	73	Female	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-iutA-ibeA-fimH-kpsMT II-papC-papG II-traT-afa/draBC
120	41	Male	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AUG-AMP	fyuA-sfa/focDE-papG III-papAH-fimH-papC-papG II-traT-iroN-usp-afa/draBC
121	30	Female	Golsar	MDR	Negative	SXT-TET-CIP-OFX-NAL-CEP-AMP	fyuA-bmaE-sfa/focDE-papG III-fimH-kpsMT II-papC-papG II-traT-iroN
122	≤1	Female	Rasol Akram	MDR	Negative	TET-NAL-AMP	fyuA-fimH-kpsMT II-papC-papG II-traT-iroN
123	≤1	Male	Al-Zahra	MDR	Negative	GEN-SXT-TET-CTX-AMP	fimH-papG II-traT
124	36	Female	Golsar	Non-MDR	Negative	None	fyuA-iutA-papAH-fimH-kpsMT II-papC-papG II-traT-iroN-usp
125	78	Male	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-CFM-CTX-CEP-AMP	fyuA-iutA-fimH-kpsMT II-papC-papG II-traT-iroN-usp-afa/draBC-cnf1
126	60	Female	Golsar	MDR	Positive	AZT-SXT-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	fyuA-iutA-papAH-fimH-kpsMT II-papC-papG II-traT-iroN-cnf1
127	45	Female	Golsar	MDR	Positive	AZT-GEN-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-iutA-papAH-kpsMT II-papC-papG II-traT
128	74	Male	Golsar	MDR	Positive	AZT-SXT-TET-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-FOX-CEP-AUG-AMP	fyuA-papAH-kpsMT II-papC-papG II-traT
129	57	Female	Golsar	MDR	Positive	AZT-SXT-CIP-OFX-NAL-CAZ-CRO-FEP-CFM-CTX-CEP-AMP	fyuA-iutA-papAH-fimH-kpsMT II-papC-papG II-traT

Abbreviations: ESBL: Extended-spectrum beta-lactamases; MDR: Multiple-drug resistant; AZT: Aztreonam; GEN: Gentamicin; SXT: Cotrimoxazole; TET: Tetracycline; IMI: Imipenem; CIP: Ciprofloxacin; OFX: Ofloxacin; NAL: Nalidixic acid; CAZ: Ceftazidime; Ceftriaxone: CRO; FEP: Cefepime; CFM: Cefixime; CTX: Cefotaxime ; FOX: Cefoxitin; CEP: Cephalothin; NIT: Nitrofurantoin; AUG: Amoxicillin/clavulanic acid; AMP: Ampicillin