

Additional Materials

Table S1 Antibiotic, heavy metal, and disinfectant resistance profiles of the isolates used in the project.

izolat no	M	V	L	Co	Zn	Cd	Cu	Hg	Ni	Pb	BC	Tri	CC
8b	+	-	-	-	+	-	-	-	-	+	-	-	-
10b	+	-	-	+	+	+	-	-	+	+	-	+	-
11a	+	-	-	+	+	+	-	-	+	+	-	+	+
15a	+	-	-	+	+	-	+	-	+	+	-	-	-
16	+	-	-	+	+	-	-	-	+	+	+	+	-
17b	+	-	-	+	+	-	-	-	+	+	-	+	-
19a	+	-	-	+	+	-	-	-	+	+	-	-	-
20a	+	-	-	+	+	-	-	-	+	+	-	+	-
25b	+	+	+	+	+	+	-	-	+	+	-	+	-
26a	+	+	-	+	+	-	-	-	+	+	-	+	-
26b	+	-	-	+	+	-	+	-	+	+	-	+	-
29a	+	-	+	+	+	-	-	-	+	+	-	+	-
29b	+	-	-	+	+	+	-	-	+	+	-	+	-
31a	+	-	-	+	+	-	-	-	+	+	-	-	-
31b	+	-	-	-	+	-	-	-	-	+	-	-	-
32b	+	-	+	-	+	-	-	-	-	+	-	-	-
38a	+	-	-	-	+	-	-	-	-	+	-	+	-
39a	+	-	-	-	+	-	-	-	+	+	-	+	-
41a	+	-	-	+	+	-	-	-	-	+	-	-	-
46b	+	-	-	-	+	-	-	-	-	+	-	+	-
48a	+	-	-	-	+	-	-	-	+	+	-	-	-
57	+	-	-	+	+	-	-	-	+	+	-	+	-
62	+	-	-	+	+	-	-	-	+	+	-	+	-
65	+	-	-	+	+	+	-	-	+	+	-	+	-
89b	+	-	-	+	+	+	-	-	+	+	-	+	-
99	+	-	-	+	+	-	-	-	+	+	-	+	-
100	+	+	-	+	+	-	-	-	+	+	-	+	-
101b	+	-	+	+	+	+	-	-	+	+	-	+	-
102a	+	-	-	+	+	-	-	-	+	+	-	+	-
104b	+	-	-	+	+	+	-	-	+	+	-	+	-
107a	+	-	-	+	+	+	-	-	+	+	-	+	-
109a	+	-	-	+	+	-	-	-	+	+	-	+	-
115b	+	-	-	+	+	-	-	-	+	+	-	+	-
120b	+	-	-	+	+	-	-	-	+	+	-	+	-
K98b	-	-	-	+	+	+	-	-	+	+	+	+	-
Enterococci S1a	-	-	-	+	+	+	-	-	+	+	-	+	-
Enterococci S32	-	-	-	+	+	+	-	-	+	+	-	+	-

K73b	-	-	-	+	+	+	-	-	+	+	-	+	-
S33a	-	-	-	+	+	-	-	-	+	+	-	+	-
K14a	-	-	-	+	+	+	-	-	+	+	-	+	-
K31a	-	-	-	+	+	+	-	-	+	+	+	+	-
K23a	-	-	-	+	+	-	-	-	+	+	-	+	-

M: Methicillin; V: Vancomycin; L: Linezolid; Co: Cobalt; Zn: Zinc; Cd: Cadmium; Cu: Copper; Hg: Mercury; Ni: Nickel; Pb: Lead; BC: Benzalkonium Chloride; Tri: Triclosan; CC: Cetylpyridinium Chloride.

Table S2 Number of isolates according to heavy metal MIC values (µg/ml).

	1.56	3.12	6.25	12.5	25	50	100	200	400	800	1600	3200	n	%
Cobalt									8	11	22	1	35	83
Zinc												42	42	100
Cadmium				1	1	7	20	8	5				27	64
Copper										40	2		2	5
Mercury			5	22	12	3							0	0
Nickel										6	27	9	36	86
Lead												42	42	100

Table S3 Number of isolates according to disinfectant MIC values (µg/ml).

	0.5	1	2	4	8	16	32	64	128	256	512	1024	n	%
Triclosan			1	9	20	8	4						3	7
BC			25	14	3								34	81
CC			31	4	5	1	1						1	2

BC: Benzalkonium Chloride; CC: Cetylpyridinium Chloride.

Table S4 Number of isolates showing resistance to heavy metals.

Total Isolate Number	Cobalt	Zinc	Cadmium	Copper	Mercury	Nickel	Lead
42	35	42	27	2	0	36	42

Table S5 Number of isolates resistant to disinfectants.

Total Isolate Number	Benzalkonium Chloride	Triclosan	Cetylpyridinium Chloride
42	3	34	1