

Supplementary Material

Potential Synergistic Antibiotic Combinations against Fluoroquinolone-Resistant *Pseudomonas aeruginosa*

Ashish Kothari ¹, Neeraj Jain ^{2,3}, Shyam Kishor Kumar ⁴, Ankur Kumar ¹, Karanvir Kaushal ⁵, Satinder Kaur ⁶, Atul Pandey ^{7,8,*}, Amit Gaurav ^{9,*} and Balram Ji Omar ^{1,*}

¹ Department of Microbiology, All India Institute of Medical Sciences Rishikesh, Rishikesh 249203, India; ash-ish.sci@aiimsrishikesh.edu.in (Ashish Kothari); ankurk591@gmail.com (Ankur Kumar)

² Department of Medical Oncology, All India Institute of Medical Sciences Rishikesh, Rishikesh 249203, India; neeraj.monc@aiimsrishikesh.edu.in

³ Division of Cancer Biology, Central Drug Research Institute, Lucknow 226031, India

⁴ Department of Microbiology, All India Institute of Medical Sciences Deoghar, Deoghar 814152, India; dr.shyamkishor84@gmail.com

⁵ Department of Biochemistry, All India Institute of Medical Sciences Rishikesh, Rishikesh 249203, India; karanvirkaushal@gmail.com

⁶ Department of Microbiology, Postgraduate Institute of Medical Education and Research, Chandigarh 160012, India; satinder.silky20@gmail.com

⁷ Department of Ecology, Evolution and Behavior, The Hebrew University of Jerusalem, Jerusalem 9190401, Israel

⁸ Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI 48109, USA

⁹ Satbiome, Dehradun 248007, India

* Correspondence: atulkumarpandey@gmail.com (A.P.); amitgaurav@satbiome.com (A.G.); balram.micro@aiimsrishikesh.edu.in (B.J.O.); Tel.: +91-9415026640 (B.J.O.)

Supplementary Table S1. Table showing strain ID, source of isolation and antibiotic resistance pattern against 15 antipseudomonal antibiotics. PTZ – Piperacillin/tazobactam, CAZ – Ceftazidime, CPM – Cefepime, AT – Aztreonam, IMP – Imipenem, MRP – Meropenem, DOR – Doripenem, AK – Amikacin, GEN – Gentamicin, TOB – Tobramycin, CIP – Ciprofloxacin, LE – Levofloxacin, OF – Ofloxacin, CL – Colistin, COT – Co-trimoxazole. Strain ID with * highlight strains for which minimum inhibitory concentrations were also measured using 2-fold broth microdilution method according to CLSI method [37].

S. No.	Strain ID	Source	PTZ	CAZ	CPM	AT	IMP	MRP	DOR	AK	GEN	TOB	CIP	LE	OF	CL	COT
1	1916	Blood	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
2	1566	Blood	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
3	1826	Blood	S	R	R	R	S	S	S	R	R	R	R	R	S	S	S
4	1827	Blood	S	R	R	R	S	S	S	R	R	R	R	R	I	S	R
5	1944	Blood	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
6	4324	Blood	S	S	S	S	S	S	S	R	S	S	S	S	S	S	S
7	4426	Blood	R	R	R	R	S	R	S	R	S	R	S	S	S	S	R
8	4595	Blood	S	S	S	S	S	S	S	R	R	S	S	S	S	S	S
9	4663*	Blood	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
10	10525	Urine	S	R	S	S	R	S	R	R	R	S	R	R	S	S	S
11	11965	Urine	S	R	R	S	S	S	R	R	S	R	R	R	R	S	R
12	10608	Urine	R	R	S	R	R	R	R	R	R	R	R	R	R	S	R
13	11016	Urine	R	R	R	R	R	R	R	R	R	R	R	R	I	S	S
14	11334	Urine	R	R	R	R	R	R	R	R	R	R	R	S	S	S	R
15	11521	Urine	S	S	S	S	R	S	R	S	S	S	R	R	R	S	S
16	11553	Urine	S	R	S	R	R	R	R	R	S	S	R	I	S	S	S

17	11729	Urine	S	R	S	S	S	S	S	S	R	R	S	S	S	S	S
18	5679	Urine	R	R	R	S	R	R	R	R	R	R	R	R	R	S	R
19	5749	Urine	S	S	R	S	R	S	R	R	R	R	R	R	R	S	S
20	5830	Urine	S	S	S	S	R	S	R	S	R	R	R	R	R	S	S
21	5921	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
22	6433	Urine	S	S	R	S	R	S	R	R	R	R	R	R	R	S	S
23	6817	Urine	R	R	R	R	R	R	R	R	R	R	R	S	S	S	R
24	6964	Urine	S	R	R	S	R	S	R	R	R	R	R	R	R	S	S
25	7286	Urine	S	R	R	S	R	S	R	R	R	R	R	S	S	S	S
26	7360	Urine	S	S	R	S	R	S	R	R	R	R	R	R	S	S	S
27	8447	Urine	S	R	R	R	R	S	R	R	R	R	R	R	R	S	S
28	8969	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
29	9430	Urine	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
30	9975	Urine	S	R	S	R	R	S	R	R	R	R	R	R	R	S	R
31	8525	Pus	S	R	S	S	R	S	R	S	R	S	R	R	S	S	S
32	10537*	Urine	R	R	R	R	R	R	R	S	R	R	R	R	R	S	S
33	10185	Pleural Fluid	R	R	S	R	R	R	R	S	R	S	R	R	R	S	R
34	8617	Pus	S	R	R	R	R	R	R	S	R	S	R	S	S	S	S
35	9864	Pus	R	R	R	R	R	R	R	S	R	R	R	R	R	S	R
36	10199	Sputum	S	S	S	S	R	S	R	S	S	R	R	R	R	S	S
37	10252	Percutaneous Nephrostomy	S	R	R	R	R	R	R	R	S	S	R	R	S	S	I

38	11729(D)	Urine	S	R	S	S	S	S	S	S	S	R	S	S	S	S	S
39	4609	Urine	S	S	S	S	R	S	R	S	R	R	R	R	S	S	I
40	4898	Urine	R	R	R	S	R	R	R	R	R	R	R	R	R	S	R
41	4902	Urine	I	R	R	S	R	S	R	R	R	R	R	S	S	S	S
42	4985	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
43	5284	Urine	S	S	S	S	R	S	R	S	R	S	R	R	R	S	R
44	5353	Urine	S	R	R	S	R	R	R	R	R	R	R	R	R	S	R
45	2189	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
46	2191	Pus	R	R	R	S	R	R	R	R	R	R	R	R	R	S	R
47	2277(D)	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
48	2284(D)*	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
49	2302(D)	Endotracheal aspirates	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
50	2407(D)	Endotracheal aspirates	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
51	2487*	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
52	2566	Pus	S	S	S	S	R	S	R	S	R	R	R	R	R	S	R
53	2606	Sputum	S	R	R	S	R	R	R	R	R	R	R	R	R	S	R
54	2640	Pus	S	S	R	S	R	S	R	S	R	R	R	R	S	S	S
55	2679	Sputum	S	R	S	S	R	S	R	S	R	R	R	S	S	S	S
56	2742	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
57	2899	Pus	R	R	R	R	R	R	R	R	R	R	R	R	S	S	R
58	2931	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

59	3015	Endotracheal aspirates	R	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
60	3067	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
61	3142	Pus	S	R	R	R	R	R	R	S	R	R	R	R	S	S	S	R
62	3149	Pus	S	S	S	S	R	S	R	S	S	S	R	R	R	S	R	
63	3173*	Endotracheal aspirates	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
64	3209	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	R	S	R
65	3260	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
66	3294	Endotracheal aspirates	S	S	S	S	R	S	R	S	S	S	S	S	S	S	S	S
67	3300	Endotracheal aspirates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
68	3621	Pus	S	S	R	S	R	S	R	R	R	R	R	R	R	S	S	S
69	3725	Pus	S	S	S	S	R	S	R	R	R	R	R	R	S	S	S	S
70	3736	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
71	3738	Bronchoalveolar Lavage	S	R	S	R	R	S	R	R	S	S	R	S	S	S	S	S
72	3751*	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
73	3796	Bronchoalveolar Lavage	S	R	S	S	R	S	R	S	R	S	R	S	S	S	S	S
74	3852	Pus	S	S	S	S	S	S	S	R	R	R	R	S	S	S	S	S
75	3881	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
76	4039	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
77	4097	Sputum	S	R	R	R	R	S	R	R	R	R	R	R	S	S	S	S
78	4163	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
79	4220	Sputum	S	R	R	R	R	R	R	R	R	R	R	R	S	S	S	S

80	4238	Pus	S	R	S	S	S	S	S	S	S	S	S	R	S	S	S	S
81	4293	Pus	S	R	R	R	R	R	R	R	R	R	R	R	R	S	S	S
82	4363	Pus	S	R	R	S	R	S	R	R	R	R	R	R	R	R	S	R
83	4415	Sputum	S	R	R	R	R	S	R	S	S	R	R	R	R	S	S	S
84	4563	Bronchoalveolar Lavage	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
85	4621	Bronchoalveolar Lavage	S	S	S	S	S	S	S	S	R	R	R	S	S	S	S	S
86	4634	Pus	S	S	R	R	R	S	R	R	R	S	R	R	S	S	S	S
87	4645	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
88	4703	Pus	S	R	R	R	R	S	R	R	R	R	R	R	R	R	S	R
89	4712	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
90	4780	NA	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
91	4786*	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
92	4878	Pus	S	S	S	S	S	S	S	R	R	R	S	I	S	S	S	S
93	4882	Bronchoalveolar Lavage	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
94	4931	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
95	4963	Pus	S	R	R	R	R	S	R	R	R	R	R	S	S	S	S	S
96	4979	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
97	5036	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
98	5073	Sputum	S	R	R	R	R	I	R	R	R	R	R	R	R	S	S	S
99	5233	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
100	5268	Endotracheal aspirates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

101	5301	Sputum	S	S	I	I	I	S	I	S	S	S	S	S	S	S	S
102	5319	Pus	S	S	I	S	S	S	S	S	S	S	S	S	S	S	S
103	5396	Pus	S	R	I	S	R	S	R	R	R	R	R	S	S	S	S
104	5416	Sputum	S	R	S	S	R	R	R	R	R	R	R	R	S	S	S
105	5532	Sputum	S	R	S	R	R	S	R	R	R	R	R	R	R	S	S
106	5543	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
107	5569	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
108	5570	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
109	5574	Endotracheal aspirates	R	R	S	S	S	R	S	S	S	S	S	S	S	S	S
110	5608	Sputum	R	R	S	R	R	R	R	R	R	R	R	R	R	S	S
111	5623*	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
112	5634	Tracheostomy tube secretion	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
113	5647	Sputum	S	S	R	S	S	S	S	R	R	S	S	S	S	S	S
114	5665	Pus	S	R	R	R	S	S	S	R	R	R	R	R	R	S	R
115	5674*	Sputum	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
116	5685	Sputum	S	R	S	S	S	S	S	S	S	S	S	S	S	S	S
117	5741	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
118	5831	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
119	5863	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
120	5918	Sputum	S	S	S	R	R	S	R	S	R	R	R	R	R	S	S
121	5978*	Sputum	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

122	5994	Endotracheal aspirates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
123	6003	Tracheostomy tube secretion	S	R	R	R	R	S	R	R	R	R	S	S	R	S	S
124	6019	Endotracheal aspirates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
125	6022	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
126	6097	Pigtail Fluid	S	R	R	S	R	R	R	R	S	S	S	S	S	S	S
127	6373	Tracheostomy tube secretion	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
128	6467	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
129	6469	Tracheostomy tube secretion	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
130	6514	Pleural Fluid	S	R	R	R	S	R	S	R	S	R	S	R	R	S	R
131	6518	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
132	6535	Tissue	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
133	6546	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
134	6551	Pus	R	R	S	R	S	S	S	S	S	S	S	S	S	S	S
135	6553	Pus	S	R	S	R	S	S	S	S	S	S	S	S	S	S	S
136	6555	Pleural Fluid	S	R	S	R	S	S	S	S	S	S	S	S	S	S	S
137	6567	Tracheostomy tube secretion	S	R	R	S	R	S	R	S	R	R	R	R	S	S	S
138	6634	Pus	S	R	R	S	R	S	R	S	S	S	R	R	S	S	S
139	6668	Endotracheal aspirates	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
140	6711	Pus	S	S	S	S	R	S	R	S	R	R	R	S	S	S	S
141	6716	Sputum	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
142	6728	Pus	S	R	S	S	R	S	S	S	R	R	R	R	S	S	S

143	6769	Tracheostomy tube secretion	S	R	R	R	R	S	S	R	R	R	R	R	S	S	S
144	6825	Endotracheal aspirates	S	R	R	S	R	R	R	R	R	R	R	R	S	S	S
145	6837	Pus	S	S	S	S	S	S	S	S	S	S	R	S	S	S	S
146	6895	Pleural Fluid	S	R	R	R	S	S	S	S	R	S	S	S	R	S	R
147	6923	Pigtail Fluid	S	I	S	S	S	R	R	R	S	R	S	R	S	S	S
148	6926	Endotracheal aspirates	S	S	S	S	S	S	R	S	S	S	S	S	S	S	S
149	6950	Pleural Fluid	S	R	S	R	R	S	R	S	R	R	R	R	S	S	S
150	6954*	Endotracheal aspirates	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
151	6982	Endotracheal aspirates	S	R	S	S	R	R	R	R	S	S	R	S	R	S	R
152	7001*	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
153	7093	Bronchoalveolar Lavage	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
154	7204	Tracheostomy tube secretion	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
155	7236	Pus	S	S	S	S	S	S	R	S	R	S	S	S	S	S	S
156	16078	Blood	R	R	R	R	R	R	R	R	R	R	I	R	R	I	R
157	16922	Urine	S	R	R	S	R	R	R	R	R	R	R	R	R	S	R
158	10723	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
159	11085	Urine	S	S	S	S	R	S	R	S	S	S	R	R	R	S	S
160	11141	Urine	S	R	S	S	R	S	R	S	R	R	R	S	S	S	S
161	11292	Urine	S	S	S	R	R	S	R	S	R	S	R	R	R	S	S
162	11747	Urine	S	S	S	S	R	S	R	S	R	S	R	R	R	S	S
163	5715*	Urine	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

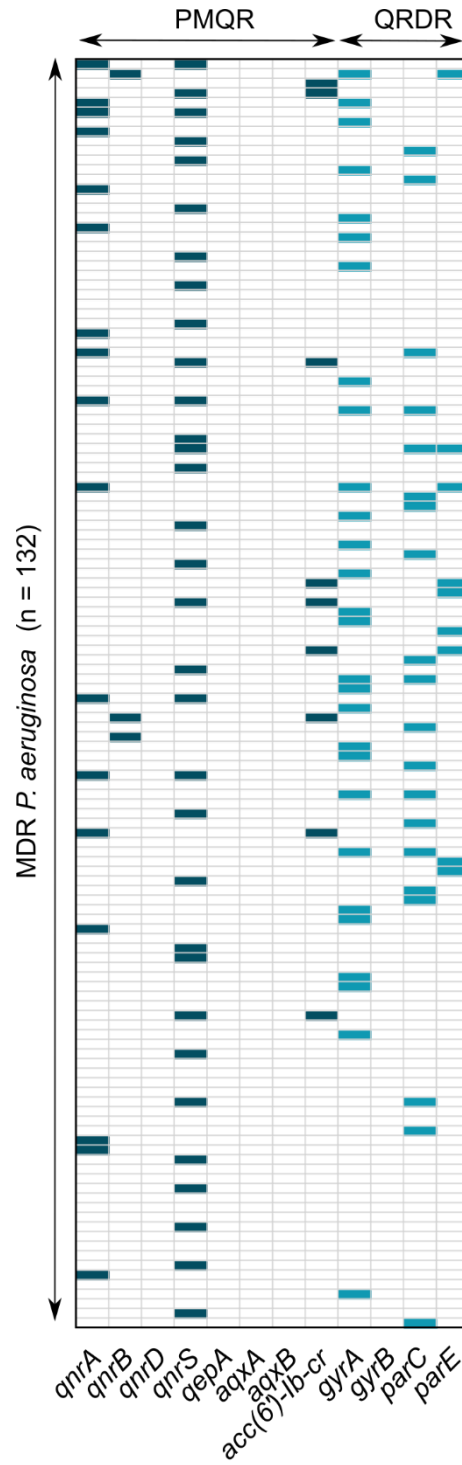
164	5721	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
165	6426	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
166	6987	Urine	S	S	R	S	R	S	R	R	S	R	R	R	R	S	S
167	7295	Urine	R	R	R	R	R	R	R	R	R	R	R	R	S	S	S
168	7493	Urine	S	R	R	S	R	S	R	R	R	R	R	R	R	S	S
169	7915	Urine	S	S	S	S	R	S	R	S	S	S	R	S	S	S	S
170	8541	Urine	S	R	R	R	R	S	R	R	R	R	R	S	S	S	S
171	8679	Urine	S	S	R	S	R	S	R	R	R	R	R	R	R	S	S
172	8900	Urine	S	S	R	S	R	S	R	R	R	R	R	R	R	S	S
173	8927*	Urine	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
174	9961	Urine	S	R	S	S	R	S	R	R	R	R	R	R	R	S	R
175	10302	Urine	R	R	R	R	R	R	R	R	R	S	R	R	R	S	R
176	11723	Urine	S	S	S	S	S	S	S	R	S	R	S	S	S	S	S
177	18363	Percutaneous Nephrostomy	S	S	S	S	R	S	R	R	S	R	R	R	R	S	S
178	17809	Urine	S	R	S	S	R	S	R	S	R	S	R	R	S	S	S
179	17803	Urine	S	S	S	R	R	S	R	S	R	S	R	R	R	S	S
180	17800	Urine	S	S	S	S	R	S	R	R	R	S	R	R	R	S	S
181	3848	Urine	S	S	R	S	R	S	R	S	R	R	R	R	R	S	I
182	3867	Urine	S	S	R	S	R	S	R	S	R	R	R	S	S	S	S
183	4036	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
184	4185	Urine	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

185	4200	Urine	S	R	R	S	R	S	R	S	R	R	R	R	S	S	I
186	4757*	Urine	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
187	4834	Urine	S	R	R	S	R	S	R	S	R	R	R	R	R	S	S
188	2211	Sputum	S	S	S	S	S	S	S	S	R	S	S	S	S	S	S
189	2412	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
190	2428	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
191	2458	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
192	2460	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
193	2530	Knee aspirate	S	R	R	S	R	S	R	S	R	R	R	R	S	S	S
194	2538	Pus swab	S	S	S	S	R	S	R	S	S	S	S	S	S	S	S
195	2725	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
196	2728	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
197	2751	Ear swab	S	S	S	S	R	S	R	S	R	R	S	S	S	S	S
198	2839	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
199	3136	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
200	3314	Pus	S	S	S	S	R	S	R	S	R	R	R	R	R	S	R
201	3780	Pus	S	S	R	S	S	S	S	S	S	S	R	S	S	S	S
202	3782	Pus	S	S	R	S	R	S	R	R	R	R	R	R	S	S	S
203	3845	Pus	R	R	R	S	S	S	S	R	R	R	R	R	S	S	S
204	4000	Bronchoalveolar Lavage	S	S	S	S	R	S	R	S	S	S	S	S	S	S	S
205	4187	Bronchoalveolar Lavage	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

206	4252	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
207	4304	Expressed prostatic secretions	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
208	4333	Pus	S	S	S	S	R	S	R	S	S	S	R	R	R	S	R
209	4380	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
210	4610	Tissue	S	R	R	S	S	S	S	R	R	R	S	S	S	S	S
211	4658	Pus	S	S	R	S	R	S	R	R	R	R	R	R	S	S	S
212	5159	Tissue	S	R	S	R	R	R	R	R	R	R	R	R	R	S	S
213	5207	Knee aspirate	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
214	5399	Tissue	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
215	5447	Tissue	S	R	S	R	R	S	R	R	R	R	R	R	S	S	S
216	5719	Pus	S	R	S	S	R	S	R	R	R	R	R	R	R	S	R
217	5753	Sputum	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
218	5769	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
219	5770	Pus	S	S	S	S	R	S	R	R	R	R	R	R	R	S	S
220	6374	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
221	6552	Pus	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
222	6888	Pus	S	R	S	R	S	S	S	S	R	R	R	R	S	S	S
223	6965	Sputum	S	S	S	S	S	S	R	S	S	S	S	S	S	S	S
224	AIIMS-224	Pus	R	S	R	R	R	R	I	R	R	R	R	R	R	S	R
225	5824	Urine	S	S	R	S	R	S	R	R	R	R	R	S	S	S	S
226	6447	Urine	S	S	R	S	R	S	R	R	R	R	R	R	R	S	S

227	7133	Urine	S	R	R	S	R	S	R	R	R	R	R	R	R	S	S
228	9015	Urine	S	R	R	S	R	S	R	R	S	R	R	R	R	S	S
229	3678*	Pus	R	R	R	S	R	R	R	R	R	R	R	R	R	R	R
230	3769	Bronchoalveolar Lavage	S	R	R	R	R	R	R	R	R	R	R	R	S	S	S
231	3851	Sputum	S	R	S	S	R	S	R	S	S	S	R	S	S	S	S
232	3887	Endotracheal aspirates	S	R	R	R	R	R	R	S	R	R	R	R	S	S	S
233	3956*	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
234	4082	Endotracheal aspirates	R	S	R	S	S	R	S	R	S	R	R	R	S	S	S
235	4103	Pus	I	R	R	S	R	R	R	R	R	R	R	R	R	S	R
236	4112	Ascitic Fluid	S	S	R	S	R	S	R	R	R	R	R	R	S	S	S
237	4263	Pus	S	S	R	S	R	R	R	S	R	R	R	R	S	S	S
238	4286	Tracheostomy tube secretion	S	R	R	R	R	R	R	R	R	R	R	R	S	S	S
239	4769	Endotracheal aspirates	S	R	R	R	R	R	R	R	R	R	R	R	R	S	R
240	5821	Endotracheal aspirates	S	R	S	S	R	R	R	R	R	R	R	R	R	S	R
241	6401	Pus	S	S	S	S	R	S	R	S	S	S	R	S	S	S	S
242	6440	Pus	S	R	R	S	R	S	R	R	R	R	R	R	R	S	R
243	6524	Pus	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

Supplementary Figure S1



Supplementary Figure S1. Heatmap showing presence of PMQR (plasmid mediated quinolone resistance genes) and QRDR (chromosomal quinolone resistance determinants regions) in 132 multiple drug resistant clinical isolates of *Pseudomonas aeruginosa*.

Reference

37. CLSI. *Performance Standards for Antimicrobial Susceptibility Testing*, 13th ed.; CLSI Standard M02; Clinical and Laboratory Standards Institute: Wayne, PA, USA, 2018.