Table S1. Biofilm susceptibility data for CF *P. aeruginosa* isolate sets

			Biofilm susceptibilities (BIC, mg/L)											
Subject	Isolate	CFUs	ATM	CAZ	MEM	TIM	TZP	AMK	GEN	TOB	AZM	CLR	CIP	DOX
1	A	7.40E+07	>128	>128	2	ND	ND	8	4	2	1	>32	≤0.25	>64
	B	3.40E+07	>128	>128	4	ND	ND	16	4	2	≤0.5	>32	≤0.25	>64
2	A	7.92E+08	>128	>128	16	ND	>512	16	4	2	≤0.5	>32	≤0.25	>64
	B	8.80E+07	>128	>128	32	>512	>512	32	4	4	2	32	≤0.25	>64
3	A	6.00E+05	>128	>128	8	>512	ND	8	4	≤1	≤0.5	ND	≤0.25	ND
4	A	1.90E+07	>128	>128	4	ND	>512	8	4	2	≤0.5	>32	≤0.25	>64
	D	1.00E+06	128	>128	≤1	ND	256	128	32	8	1	>32	4	>64
	E	5.00E+05	ND	4	2	ND	≤16	16	8	2	32	>32	≤0.25	32
6	A	3.00E+07	>128	>128	>64	ND	>512	16	4	2	≤0.5	>32	≤0.25	>64
	B	1.80E+07	≤2	≤2	≤1	≤16	≤16	32	32	4	16	>32	2	2
8	A	1.02E+08	128	>128	8	ND	512	64	32	8	1	>32	≤0.25	>64
	B	2.80E+07	>128	>128	16	ND	512	16	4	2	1	32	0.5	>64
	C	7.20E+06	>128	>128	>64	ND	512	8	8	2	≤0.5	32	≤0.25	>64
9	B	3.60E+04	32	128	≤1	ND	64	8	8	2	≤0.5	8	≤0.25	16
10	A	1.20E+08	>128	>128	2	ND	ND	8	2	2	≤0.5	32	≤0.25	>64
	B	6.20E+07	≤2	≤2	≤1	≤16	≤16	128	>64	32	≤0.5	>32	0.5	>64
	C	6.00E+07	>128	ND	≤1	>512	>512	ND	ND	2	≤0.5	8	≤0.25	>64
11	A	1.16E+07	>128	4	4	512	>512	8	ND	2	≤0.5	ND	≤0.25	ND
	B	3.80E+06	>128	16	≤1	128	64	32	16	2	8	>32	2	>64
	C	8.00E+05	128	>128	16	>512	256	128	>64	8	2	>32	8	>64
	D	2.00E+05	>128	>128	8	>512	>512	8	8	8	4	>32	≤0.25	>64
12	B	4.00E+05	64	4	≤1	ND	32	ND	32	8	1	>32	≤0.25	64
13	A	1.80E+07	≤2	4	≤1	≤16	32	16	16	2	1	>32	0.5	ND
	B	1.80E+07	8	≤2	≤1	≤16	32	≤4	4	≤1	≤0.5	>32	≤0.25	ND
	C	2.00E+06	4	≤2	≤1	≤16	≤16	32	8	2	2	>32	≤0.25	>64
14	A	1.10E+08	128	128	16	256	256	≤4	8	≤1	1	>32	≤0.25	64
	B	2.20E+07	>128	>128	32	>512	>512	32	8	8	1	>32	≤0.25	64
15	A	1.04E+08	>128	>128	2	128	>512	64	64	16	4	>32	0.5	>64
	C	1.80E+07	≤2	≤2	≤1	≤16	≤16	64	16	4	1	>32	2	>64
16	A	1.32E+08	16	16	ND	ND	32	64	32	8	1	>32	4	>64
	B	1.28E+08	ND	4	≤1	≤16	≤16	16	8	2	4	>32	2	>64
17	A	4.20E+07	>128	>128	64	>512	512	256	64	64	32	>32	16	64
	B	4.50E+05	>128	>128	64	>512	>512	128	>64	4	1	>32	4	>64
19	A	8.20E+07	>128	>128	4	512	512	64	32	4	16	>32	0.5	>64
	B	2.60E+07	>128	128	2	ND	≤16	64	32	4	16	>32	2	>64
	C	2.40E+07	ND	8	≤1	128	ND	128	16	2	4	>32	0.5	>64
	D	1.80E+07	8	4	≤1	ND	64	32	16	2	16	>32	2	>64
	E	1.20E+07	16	128	8	256	32	128	>64	16	16	>32	8	>64
20	A	6.80E+07	>128	>128	32	512	>512	64	64	16	1	>32	1	>64
	B	3.40E+07	>128	>128	ND	>512	512	ND	>64	16	ND	>32	2	>64
	C	2.20E+07	>128	>128	16	>512	>512	64	64	16	8	>32	2	>64
	D	6.00E+06	128	>128	64	512	512	256	64	64	32	>32	16	>64
	E	6.00E+06	128	128	ND	512	ND	ND	ND	ND	ND	ND	ND	ND
21	A	1.86E+08	>128	32	16	ND	64	32	16	2	2	32	2	>64
	B	3.72E+07	128	8	8	128	32	32	16	2	2	2	0.5	ND
	C	6.20E+06	64	128	16	256	128	32	16	2	1	32	4	>64

Table S1. Biofilm susceptibility data for CF *P. aeruginosa* isolate sets (continued)

			Biofilm susceptibilities (BIC, mg/L)											
Subject	Isolate	CFUs	ATM	CAZ	MEM	TIM	TZP	AMK	GEN	TOB	AZM	CLR	CIP	DOX
22	A	2.40E+07	8	16	16	128	128	32	>64	>64	8	>32	1	>64
	B	2.20E+07	128	>128	8	256	256	64	64	8	>32	>32	4	>64
	C	1.60E+07	>128	>128	4	256	512	256	32	8	1	>32	0.5	>64
	D	1.20E+07	>128	>128	>64	>512	>512	256	64	32	32	>32	ND	>64
	E	2.00E+06	>128	>128	64	512	512	128	>64	>64	32	>32	8	>64
23	A	2.82E+08	8	ND	64	32	256	64	64	32	16	>32	4	>64
	B	4.00E+06	16	32	4	ND	128	>256	>64	32	>32	>32	4	>64
24	A	1.00E+07	>128	>128	8	>512	>512	64	32	4	2	>32	4	>64
	B	7.80E+06	>128	>128	16	>512	>512	64	64	8	2	>32	1	≤1
	C	6.00E+06	>128	>128	64	>512	512	256	64	64	32	ND	16	2
25	C	5.40E+06	ND	≤2	ND	512	≤16	>256	>64	16	1	>32	2	>64
27	A	1.76E+08	ND	32	≤1	≤16	≤16	128	32	4	4	≤0.5	≤0.25	64
28	A	4.80E+07	4	16	32	512	256	128	>64	16	1	>32	0.5	>64
	B	2.40E+07	4	≤2	≤1	64	64	8	8	2	1	>32	4	64
	C	2.00E+06	4	4	2	≤16	≤16	16	8	2	2	>32	2	64
29	B	8.40E+07	>128	>128	2	ND	>512	128	32	4	32	>32	1	>64
	D	1.20E+07	>128	≤2	≤1	≤16	≤16	≤4	≤1	≤1	≤0.5	1	≤0.25	≤1
31	A	2.20E+08	ND	4	4	≤16	32	32	32	4	4	>32	2	64
	B	7.40E+07	>128	16	4	64	64	64	64	16	>32	>32	2	32
	C	1.40E+07	>128	4	≤1	256	64	32	32	2	ND	>32	1	32
32	A	1.92E+07	128	32	2	>512	128	16	8	2	≤0.5	32	≤0.25	32
	B	1.92E+07	>128	>128	4	>512	ND	32	16	2	1	>32	≤0.25	32
	C	3.20E+06	128	>128	8	512	512	16	8	2	1	>32	≤0.25	64
33	A	1.24E+08	>128	>128	ND	>512	ND	32	16	4	4	>32	≤0.25	>64
	B	6.00E+06	ND	128	16	128	256	32	16	2	8	>32	≤0.25	64
34	A	6.00E+06	>128	32	8	128	512	8	4	≤1	≤0.5	32	≤0.25	>64
35	A	1.70E+08	≤2	2	≤1	≤16	≤16	32	16	4	32	32	1	4
	B	7.30E+07	≤2	8	≤1	32	≤16	ND	ND	ND	ND	0.5	ND	≤1
	C	3.00E+07	8	8	≤1	≤16	32	16	16	≤1	2	>32	≤0.25	32
36	A	4.40E+06	>128	>128	2	ND	256	16	8	2	2	32	≤0.25	32
	B	1.80E+06	>128	ND	2	>512	512	256	>64	32	8	>32	1	>64
	C	1.60E+06	>128	>128	16	512	256	64	16	8	2	>32	2	>64
	D	6.00E+05	ND	16	≤1	256	256	64	32	4	4	>32	2	16
38	B	2.00E+05	>128	ND	2	>512	512	64	64	16	4	>32	≤0.25	>64
40	A	7.20E+08	64	4	≤1	≤16	32	16	4	≤1	2	>32	≤0.25	16
	B	4.84E+08	>128	>128	8	512	512	≤4	2	≤1	≤0.5	>32	≤0.25	64
	C	8.64E+07	≤2	≤2	≤1	≤16	≤16	8	4	≤1	≤0.5	16	≤0.25	64
41	A	4.90E+08	64	≤2	4	ND	ND	8	8	2	2	>32	≤0.25	32
	C	5.00E+07	>128	ND	≤1	>512	32	8	4	≤1	4	>32	1	>64
42	A	2.10E+08	>128	ND	64	>512	128	256	>64	64	2	>32	2	>64
	B	9.00E+07	128	16	2	256	32	8	2	≤1	4	32	2	8
43	A	5.40E+08	128	128	2	512	512	16	4	≤1	4	32	≤0.25	64
44	A	3.60E+08	ND	4	2	>512	>512	8	4	4	32	>32	1	4
45	A	1.10E+05	>128	>128	4	>512	>512	32	16	2	1	>32	≤0.25	64
46	A	1.00E+07	≤2	≤2	8	512	≤16	≤4	≤1	≤1	≤0.5	32	≤0.25	32
48	A	2.00E+06	>128	>128	4	>512	>512	32	16	4	4	>32	≤0.25	>64
	B	2.00E+06	4	≤2	≤1	ND	≤16	64	2	8	32	>32	2	64

Table S2. Conventional susceptibility data for CF *P. aeruginosa* isolate sets

			Conventional susceptibilities (MIC, mg/L)											
Subject	Isolate	CFUs	ATM	CAZ	MEM	TIM	TZP	AMK	GEN	TOB	AZM	CLR	CIP	DOX
1	A	7.40E+07	16	4	2	128	16	4	2	≤0.25	ND	ND	8	32
	B	3.40E+07	16	4	≤1	64	8	4	2	≤0.25	ND	ND	4	32
2	A	7.92E+08	≤2	≤0.5	≤1	≤2	≤0.5	≤0.5	≤1	≤0.25	ND	ND	0.5	≤1
	B	8.80E+07	>64	1	8	4	1	≤0.5	≤1	≤0.25	ND	ND	1	≤1
3	A	6.00E+05	8	2	ND	32	4	2	≤1	0.5	ND	ND	0.5	ND
4	A	1.90E+07	≤2	1	≤1	≤2	1	8	2	1	ND	ND	2	16
	D	1.00E+06	≤2	2	≤1	≤2	1	64	32	8	ND	ND	1	8
	E	5.00E+05	≤2	1	≤1	4	4	16	4	1	ND	ND	≤0.25	16
6	A	3.00E+07	4	2	≤1	≤2	1	64	>32	8	ND	ND	≤0.25	4
	B	1.80E+07	4	1	≤1	≤2	2	16	16	2	ND	ND	4	2
8	A	1.02E+08	≤2	16	≤1	16	8	128	32	8	ND	ND	0.5	4
	B	2.80E+07	≤2	≤0.5	≤1	4	1	16	4	1	ND	ND	0.5	4
	C	7.20E+06	≤2	≤0.5	≤1	≤2	≤0.5	8	4	1	ND	ND	≤0.25	8
9	B	3.60E+04	16	32	≤1	64	128	8	2	0.5	ND	ND	≤0.25	16
10	A	1.20E+08	≤2	1	≤1	≤2	1	128	>32	32	ND	ND	1	32
	B	6.20E+07	≤2	1	≤1	≤2	1	16	4	1	ND	ND	1	32
	C	6.00E+07	≤2	1	≤1	4	1	16	8	2	ND	ND	0.5	16
11	A	1.16E+07	>64	512	8	512	256	>128	>32	64	ND	ND	8	32
	B	3.80E+06	≤2	≤0.5	≤1	≤2	1	16	4	1	ND	ND	0.5	≤1
	C	8.00E+05	>64	256	8	512	256	>128	>32	32	ND	ND	8	16
	D	2.00E+05	4	4	4	16	16	64	32	4	ND	ND	0.5	8
12	B	4.00E+05	≤2	2	≤1	4	2	128	32	16	ND	ND	0.5	16
13	A	1.80E+07	≤2	2	≤1	4	4	4	2	0.5	ND	ND	≤0.25	8
	B	1.80E+07	≤2	2	≤1	≤2	4	4	≤1	0.5	ND	ND	2	>32
	C	2.00E+06	4	2	≤1	≤2	1	16	4	2	ND	ND	≤0.25	8
14	A	1.10E+08	64	64	≤1	256	256	16	4	2	ND	ND	1	16
	B	2.20E+07	32	64	≤1	128	256	16	4	2	ND	ND	0.5	8
15	A	1.04E+08	16	2	≤1	32	4	16	8	2	ND	ND	0.5	16
	C	1.80E+07	≤2	1	≤1	≤2	≤0.5	32	8	4	ND	ND	1	8
16	A	1.32E+08	≤2	1	≤1	≤2	1	32	8	4	ND	ND	2	8
	B	1.28E+08	≤2	≤0.5	≤1	4	2	≤0.5	≤1	≤0.25	ND	ND	1	≤1
17	A	4.20E+07	16	64	4	32	64	32	16	4	ND	ND	2	32
	B	4.50E+05	≤2	8	4	16	32	16	8	2	ND	ND	1	32
19	A	8.20E+07	16	4	≤1	64	32	8	4	1	ND	ND	≤0.25	32
	B	2.60E+07	4	1	≤1	16	4	16	8	2	ND	ND	1	16
	C	2.40E+07	4	≤0.5	≤1	32	8	16	8	1	ND	ND	≤0.25	8
	D	1.80E+07	8	2	≤1	32	8	16	8	1	ND	ND	1	16
	E	1.20E+07	>64	512	4	256	256	>128	>32	64	ND	ND	8	16
20	A	6.80E+07	≤2	≤0.5	≤1	≤2	2	8	≤1	≤0.25	ND	ND	0.5	8
	B	3.40E+07	≤2	2	4	≤2	4	32	8	2	ND	ND	1	8
	C	2.20E+07	≤2	1	4	≤2	2	32	8	2	ND	ND	2	8
	D	6.00E+06	≤2	1	≤1	≤2	4	4	4	0.5	ND	ND	1	16
	E	6.00E+06	≤2	≤0.5	≤1	≤2	1	32	8	2	ND	ND	≤0.25	16
21	A	1.86E+08	64	16	16	128	32	32	>32	256	ND	ND	4	32
	B	3.72E+07	32	16	16	128	16	32	>32	256	ND	ND	4	32
	C	6.20E+06	16	4	8	64	16	16	>32	64	ND	ND	4	16

Table S2. Conventional susceptibility data for CF *P. aeruginosa* isolate sets (continued)

			Conventional susceptibilities (MIC, mg/L)											
Subject	Isolate	CFUs	ATM	CAZ	MEM	TIM	TZP	AMK	GEN	TOB	AZM	CLR	CIP	DOX
22	A	2.40E+07	64	16	16	64	256	32	>32	>512	ND	ND	2	16
	B	2.20E+07	≤2	1	≤1	≤2	4	32	32	4	ND	ND	2	32
	C	1.60E+07	4	2	≤1	16	4	8	2	0.5	ND	ND	≤0.25	8
	D	1.20E+07	32	8	8	128	16	16	8	1	ND	ND	4	32
	E	2.00E+06	≤2	1	≤1	≤2	≤0.5	128	>32	512	ND	ND	4	32
23	A	2.82E+08	8	2	≤1	64	8	32	16	4	ND	ND	2	8
	B	4.00E+06	16	16	≤1	64	32	128	>32	32	ND	ND	2	16
24	A	1.00E+07	≤2	2	≤1	≤2	2	16	8	1	ND	ND	1	32
	B	7.80E+06	32	8	8	128	32	8	8	2	ND	ND	≤0.25	>32
	C	6.00E+06	32	8	8	128	32	32	16	1	ND	ND	≤0.25	32
25	C	5.40E+06	≤2	1	2	4	8	128	>32	16	ND	ND	1	16
27	A	1.76E+08	≤2	≤0.5	≤1	≤2	≤0.5	16	4	2	ND	ND	≤0.25	≤1
28	A	4.80E+07	≤2	4	16	8	4	32	2	2	ND	ND	16	>32
	B	2.40E+07	4	2	4	4	2	16	2	2	ND	ND	8	>32
	C	2.00E+06	32	1	8	256	128	32	32	2	ND	ND	16	8
29	B	8.40E+07	8	2	≤1	32	8	32	8	2	ND	ND	≤0.25	16
	D	1.20E+07	≤2	≤0.5	≤1	8	1	64	32	8	ND	ND	0.5	16
31	A	2.20E+08	8	8	2	64	8	16	8	1	ND	ND	2	32
	B	7.40E+07	32	8	16	256	32	32	16	2	ND	ND	1	16
	C	1.40E+07	≤2	1	≤1	8	2	8	4	2	ND	ND	1	32
32	A	1.92E+07	8	2	≤1	8	2	4	2	2	ND	ND	≤0.25	16
	B	1.92E+07	4	2	≤1	16	4	4	2	1	ND	ND	≤0.25	32
	C	3.20E+06	4	2	≤1	16	16	4	2	1	ND	ND	≤0.25	16
33	A	1.24E+08	8	4	4	64	16	8	4	1	ND	ND	≤0.25	32
	B	6.00E+06	8	2	4	32	8	8	4	1	ND	ND	≤0.25	32
34	A	6.00E+06	8	2	≤1	32	8	2	2	0.5	ND	ND	≤0.25	32
35	A	1.70E+08	≤2	≤0.5	≤1	≤2	1	8	≤1	0.5	ND	ND	1	8
	B	7.30E+07	4	8	≤1	32	32	64	16	4	ND	ND	1	16
	C	3.00E+07	32	8	≤1	128	32	8	4	1	ND	ND	2	>32
36	A	4.40E+06	≤2	2	≤1	16	16	16	8	1	ND	ND	1	16
	B	1.80E+06	8	8	≤1	16	256	128	>32	16	ND	ND	≤0.25	8
	C	1.60E+06	≤2	≤0.5	≤1	≤2	1	2	2	≤0.25	ND	ND	0.5	8
	D	6.00E+05	4	16	≤1	64	64	64	32	8	ND	ND	4	16
38	B	2.00E+05	8	4	≤1	32	8	16	8	2	ND	ND	≤0.25	16
40	A	7.20E+08	≤2	≤0.5	≤1	≤2	≤0.5	1	≤1	≤0.25	ND	ND	≤0.25	8
	B	4.84E+08	≤2	≤0.5	≤1	≤2	≤0.5	1	≤1	≤0.25	ND	ND	≤0.25	2
	C	8.64E+07	≤2	≤0.5	≤1	≤2	≤0.5	≤0.5	≤1	≤0.25	ND	ND	≤0.25	8
41	A	4.90E+08	≤2	1	ND	≤2	2	4	2	0.5	ND	ND	0.5	ND
	C	5.00E+07	4	2	ND	16	4	2	≤1	0.5	ND	ND	0.5	ND
42	A	2.10E+08	>64	256	16	1024	1024	>128	>32	128	ND	ND	4	>32
	B	9.00E+07	32	128	2	256	256	128	>32	16	ND	ND	2	16
43	A	5.40E+08	8	2	≤1	32	4	4	≤1	0.5	ND	ND	≤0.25	8
44	A	3.60E+08	4	1	≤1	32	4	4	≤1	≤0.25	ND	ND	0.5	2
45	A	1.10E+05	4	2	≤1	32	4	8	4	1	ND	ND	≤0.25	16
46	A	1.00E+07	≤2	≤0.5	≤1	≤2	1	2	≤1	≤0.25	ND	ND	≤0.25	≤1
48	A	2.00E+06	≤2	1	≤1	≤2	1	64	>32	16	ND	ND	4	16
	B	2.00E+06	≤2	1	≤1	≤2	1	64	>32	16	ND	ND	4	8