

Supplementary File

Table S1. Antimicrobial agents used for characterization of MDR, XDR, and PDR in *P. aeruginosa* in this study

NO	AB														
	SXT	CO	CIPR	NAL	TOB	GEN	TET	AMI	IMP	CTR	AMOXY	CAZ	CTX	CPD	FEP
S1	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S4	R	R	S	R	R	S	R	R	S	R	R	R	R	R	R
S107	R	S	R	R	S	R	R	S	R	R	R	R	S	R	R
S108	R	S	S	R	S	R	R	S	S	S	R	S	I	R	S
S109	R	R	R	R	R	R	R	R	R	R	R	S	R	R	R
S104	R	R	I	R	S	R	R	S	R	I	R	R	R	R	S
S110	R	R	R	R	S	R	R	S	S	R	R	R	R	R	R
S97	I	S	S	R	S	R	R	S	S	S	R	S	S	R	R
S99	R	R	R	R	R	R	R	S	R	R	R	R	R	R	R
S105	R	S	R	R	R	R	R	R	R	R	R	R	R	R	R
S8	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S103	R	S	R	R	S	R	R	S	R	R	R	R	R	R	I
S98	R	S	R	R	I	R	R	S	S	R	R	R	R	R	R
S106	R	S	S	R	S	R	R	S	R	I	R	S	R	R	R
S100	R	S	S	R	R	R	R	S	R	R	R	S	R	R	R
S101	R	S	R	R	R	R	R	R	I	R	R	S	R	R	S
S2	R	S	R	R	S	S	R	S	I	R	R	R	R	R	I
S5	R	S	R	R	R	R	R	S	S	R	R	R	S	S	R
S7	S	S	S	R	S	S	R	S	S	I	R	R	R	R	R

S15	R	R	S	R	S	S	R	S	R	R	R	R	R	R	R
S16	R	R	I	R	S	R	R	R	S	R	R	R	R	R	S
S17	I	R	S	R	R	I	R	R	S	R	R	R	R	R	R
S18	R	R	S	R	S	S	R	S	S	I	R	S	R	R	R
S13	S	S	R	R	R	S	R	S	S	R	R	R	S	R	R
S11	R	S	R	R	S	S	R	R	S	I	R	S	R	R	R
S14	R	S	R	R	R	R	R	S	S	R	R	R	R	R	R
S12	R	R	R	R	R	R	R	R	S	R	R	R	R	R	R
S10	R	R	R	R	R	I	R	R	S	I	R	S	S	S	R
S9	S	R	R	R	R	I	R	R	S	R	R	R	R	R	R
S19	R	R	R	R	R	S	R	S	S	R	R	R	R	R	R
S20	R	S	S	R	R	S	R	S	S	I	R	S	R	R	S
S21	S	S	S	R	S	S	R	R	S	R	R	R	S	R	S
S22	S	S	R	R	R	R	R	R	S	R	R	R	S	R	R
S23	R	S	R	R	R	R	R	S	S	R	R	R	S	R	R
S26	R	R	S	S	S	S	R	S	S	R	R	R	R	R	S
S25	R	R	R	R	R	R	R	S	S	R	I	R	R	S	R
S24	R	R	R	R	R	S	I	S	R	R	R	S	R	S	R
S29	S	S	I	R	S	S	R	S	S	I	R	S	R	R	S
S50	R	S	I	R	S	R	R	S	R	R	R	R	R	R	R
S58	R	S	S	R	S	I	R	S	S	I	R	R	R	R	S
S30	S	R	I	S	S	S	R	S	S	S	S	S	S	S	S
S34	S	R	S	S	S	I	S	S	S	S	R	R	R	R	S
S37	S	S	I	R	S	S	R	I	R	R	R	R	R	R	R
S38	R	R	R	R	S	R	R	R	R	R	R	R	R	R	R
S49	R	R	R	R	S	R	R	R	S	R	R	R	R	R	R
S59	R	S	R	R	R	R	R	I	S	R	R	S	S	R	R
S56	R	S	S	R	R	R	R	R	S	R	S	R	R	R	R
S54	R	S	S	R	S	S	S	I	S	I	S	S	S	R	R

S52	R	S	S	R	S	S	S	S	R	R	R	R	R	R	S
S53	R	S	R	S	S	S	R	R	S	R	R	R	R	R	R
S47	R	S	R	R	R	R	R	S	S	R	R	R	R	R	R
S51	R	S	R	R	R	R	R	R	S	I	R	S	S	R	R
S43	R	R	I	R	S	S	R	R	S	R	R	S	R	R	S
S41	R	S	S	R	R	S	R	S	S	R	R	S	R	R	R
S36	R	S	R	R	R	S	R	S	S	R	R	R	R	R	R
S35	R	S	R	R	S	R	R	S	S	R	R	R	R	S	R
S33	S	R	S	S	S	S	R	S	S	I	S	S	S	S	R
S32	S	S	S	S	S	S	S	S	S	S	R	S	S	R	S
S27	R	R	R	S	S	S	R	S	S	R	I	R	R	R	I
S60	R	S	S	R	R	S	I	S	S	I	R	S	S	R	R
S57	R	S	R	R	R	R	R	R	R	R	R	R	R	R	R
S55	R	S	I	R	R	S	R	S	R	R	R	R	R	R	R
S44	S	S	R	R	R	R	R	S	S	R	R	R	R	R	R
S31	S	R	S	S	S	S	R	R	S	S	R	R	R	R	S
S46	R	S	R	R	S	S	R	S	S	R	R	R	S	R	R
S45	R	R	R	R	R	R	R	R	R	R	R	R	R	S	R
S61	R	S	R	R	R	R	R	I	S	R	R	S	S	R	R
S40	R	S	R	S	S	S	R	S	S	R	S	S	S	R	S
S42	R	S	S	R	I	S	S	R	S	R	R	R	R	R	S
S39	R	S	R	R	S	R	R	I	R	R	R	R	R	R	R
S62	R	R	R	R	R	R	R	R	S	R	R	S	S	R	R
S63	R	S	R	R	R	R	R	R	R	R	R	R	R	R	R
S64	R	S	R	R	R	R	R	S	S	R	R	S	S	R	R
S65	R	S	S	R	S	S	R	S	S	S	R	S	I	S	I
S66	R	S	R	R	R	R	R	S	S	R	R	S	R	R	R
S67	R	S	R	R	R	R	R	S	R	R	R	S	R	R	R
S68	R	S	R	R	R	R	R	S	R	R	R	S	R	R	R

S116	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S117	R	S	R	R	R	R	R	S	S	R	R	R	R	R	R
S118	R	R	I	R	R	R	R	S	R	R	R	R	R	R	R
S119	S	S	R	R	S	R	R	S	I	S	R	R	R	R	R
S120	R	R	R	R	R	R	R	S	I	R	R	I	R	R	S
S121	R	S	I	R	R	R	R	S	I	S	R	S	R	R	S
S123	R	S	R	R	R	R	R	R	R	R	R	R	R	R	R
S124	R	S	R	R	R	R	R	S	R	R	R	I	R	R	R
S125	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S127	R	S	R	R	R	R	R	S	S	R	R	R	R	R	R
S128	R	R	R	R	R	R	R	S	R	R	R	I	R	R	R
S129	R	S	S	S	S	S	R	S	S	R	S	I	R	R	R
S130	R	S	S	R	S	S	S	S	R	I	R	S	R	R	R
S132	R	R	R	R	S	R	R	S	S	R	R	R	R	R	R
S133	R	R	R	R	S	S	R	S	R	R	S	R	R	R	R
S134	S	S	S	I	S	S	S	S	S	S	R	S	R	R	I
S135	R	S	R	R	R	S	R	S	S	R	S	S	S	R	R
S136	S	S	S	S	S	R	S	S	R	S	R	R	R	R	S
S137	R	S	R	R	S	R	R	R	S	R	R	R	R	R	R
S138	R	R	R	S	S	R	R	R	S	R	R	S	R	R	R
S139	R	R	I	S	R	R	R	R	S	I	R	S	R	R	R
S140	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S141	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S142	R	S	R	R	R	R	R	S	S	R	R	R	R	R	R
S143	R	S	R	R	R	R	R	R	S	R	R	R	R	R	R
S144	R	S	R	S	R	S	R	R	S	I	R	R	R	R	R
S145	R	R	R	S	S	S	R	R	S	R	R	R	R	R	R
S146	R	R	R	S	S	I	R	R	S	I	R	R	R	R	R

Table S2. Antimicrobial agents used for characterization of MDR, XDR, and PDR in *P. aeruginosa* in this study (NO: number of sample, AB: antibiotics)

NO	MDR	XDR	PDR
S1	yes	no	no
S4	yes	no	no
S107	yes	yes	no
S108	yes	no	no
S109	yes	yes	no
S104	yes	no	no
S110	yes	no	no
S97	yes	no	no
S99	yes	yes	no
S105	yes	yes	no
S8	yes	no	no
S103	yes	no	no
S98	yes	no	no
S106	yes	no	no
S100	yes	no	no
S101	yes	no	no

S2	yes	no	no
S5	yes	no	no
S7	yes	no	no
S15	yes	no	no
S16	yes	no	no
S17	yes	no	no
S18	yes	no	no
S13	yes	no	no
S11	yes	no	no
S14	yes	no	no
S12	yes	no	no
S10	yes	no	no
S9	yes	no	no
S19	yes	no	no
S20	yes	no	no
S21	yes	no	no
S22	yes	no	no
S23	yes	no	no
S26	yes	no	no

S25	yes	no	no
S24	yes	no	no
S29	yes	no	no
S50	yes	no	no
S58	yes	no	no
S30	no	no	no
S34	yes	no	no
S37	yes	no	no
S38	yes	yes	no
S49	yes	no	no
S59	yes	no	no
S56	yes	no	no
S54	yes	no	no
S52	yes	no	no
S53	yes	no	no
S47	yes	no	no
S51	yes	no	no
S43	yes	no	no
S41	yes	no	no

S36	yes	no	no
S35	yes	no	no
S33	yes	no	no
S32	no	no	no
S27	yes	no	no
S60	yes	no	no
S57	yes	yes	no
S55	yes	no	no
S44	yes	no	no
S31	yes	no	no
S46	yes	no	no
S45	yes	yes	no
S61	yes	no	no
S40	yes	no	no
S42	yes	no	no
S39	yes	yes	no
S62	yes	no	no
S63	yes	yes	no
S64	yes	no	no

S65	yes	no	no
S66	yes	no	no
S67	yes	yes	no
S68	yes	yes	no
S69	yes	no	no
S71	yes	no	no
S72	yes	no	no
S73	yes	no	no
S74	yes	no	no
S75	yes	no	no
S77	yes	yes	no
S78	yes	no	no
S79	yes	no	no
S80	yes	yes	no
S81	yes	no	no
S82	no	no	no
S83	yes	no	no
S86	yes	no	no
S87	yes	yes	no

S88	yes	yes	no
S96	yes	no	no
S89	yes	no	no
S90	yes	yes	no
S91	yes	no	no
S92	yes	no	no
S93	yes	yes	no
S94	yes	no	no
S95	yes	no	no
S111	yes	no	no
S112	yes	no	no
S113	yes	no	no
S114	yes	no	no
S115	yes	yes	no
S116	yes	no	no
S117	yes	no	no
S118	yes	no	no
S119	yes	no	no
S120	yes	no	no

S121	yes	no	no
S123	yes	yes	no
S124	yes	yes	no
S125	yes	no	no
S127	yes	no	no
S128	yes	yes	no
S129	yes	no	no
S130	yes	no	no
S132	yes	no	no
S133	yes	no	no
S134	yes	no	no
S135	yes	no	no
S136	yes	no	no
S137	yes	no	no
S138	yes	no	no
S139	yes	no	no
S140	yes	no	no
S141	yes	no	no
S142	yes	no	no

S143	yes	no	no
S144	yes	no	no
S145	yes	no	no
S146	yes	no	no

Note. NO: Number of sample; AB: Antibiotics.