

Supplementary Table 1 The Antibiotic susceptibility of 19 common antimicrobial agents.

ID	Antimicrobials	Resistance rates	BJ17-0111	BJ17-0103	BJ17-0106	BJ17-0107	BJ17-0100	BJ17-0120	BJ17-0104	BJ17-0110	BJ17-0119	BJ17-0121	BJ17-0112	BJ17-0115	BJ17-0116	BJ17-0118	BJ17-0109	BJ17-0108	BJ17-0102	BJ17-0114	BJ17-0113	BJ17-0117
1	Meropenem	35%	R>=16	R>=16	R>=16	R>=16	R>=16	R>=16	S<=1	R>=16	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1
2	Imipenem	35%	R>=16	R>=16	R>=16	R>=16	R>=16	R>=16	S<=1	R>=16	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1	S<=1
3	Gentamicin	50%	R>=16	R>=16	R>=16	R>=16	R>=16	R>=16	R>=16	R>=16	S<=1	S<=1	I 4	I 4	S<=1	R>=16	R>=16	S<=1	S<=1	S<=1	S<=1	I 4
4	Amikacin	45%	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	S<=4	S<=4	S<=4	S<=4	S<=4	S<=4	R>=64	S<=4	S<=4	S<=4	S<=4	S<=4
5	Levofloxacin	80%	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	R>=8	S<=0.12	S<=0.12	I 1	S<=0.12	R>=8
6	Ciprofloxacin	85%	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	R>=4	S<=0.06	S<=0.06	R 1	S<=0.06	R>=4
7	Nitrofurantoin	75%	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	I 64	S 32	R>=128	R>=128	I 64	I 64	R>=128	R>=128	I 64
8	Ampicillin/Sulbactam	70%	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	I 8	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	S<=2	I 8	I 16	S<=2	I 8
9	Piperacillin/clavulanic acid	45%	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	I 16	R>=128	S<=4	R>=128	S<=4	S<=4	I 16	I 64	R>=128	S<=4	S<=4	I 16	S<=4	I 16
10	Ticarcillin/Clavulanic acid	70%	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	S<=4	R>=128	R>=128	R>=128	R>=128	R>=128	R>=128	S<=4	S<=4	S<=4	S<=4	I 64
11	Cefoxitin	60%	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	I 16	R>=32	R>=32	S<=8	R>=32	R>=32	R>=32	I 16	R>=32	S<=8	S<=8	S<=8	S<=8	S<=8
12	Cefepime	55%	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	S<=2	R>=32	I 8	I 8	I 8	R>=32	R>=32	S<=2	S<=2	S<=2	S<=2	S<=2
13	Ceftriaxone	75%	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	S<=1	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	S<=1	S<=1	S<=1	S<=1	R>=64
14	Cefuroxime	80%	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	S<=8	S<=8	S<=8	S<=8	R>=32
15	Ceftazidime	65%	R>=32	R>=32	R>=32	R>=32	R>=32	R>=32	S<=4	R>=32	S<=4	R>=32	I 8	R 16	R>=32	R>=32	R>=32	S<=4	S<=4	S<=4	S<=4	R 16
16	Cefoperazone/Sulbactam	50%	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	R>=64	S<=2	R>=64	S 16	I 32	I 32	I 32	R>=64	S<=2	S<=2	S<=2	S<=2	S 16
17	Minocycline	35%	S<=4	S<=4	S<=4	S<=4	S<=4	S<=4	R>=16	S<=4	S<=4	S<=4	R>=16	R>=16	R>=16	R>=16	R>=16	S<=4	S<=4	S<=4	S<=4	R>=16
18	Trimethoprim/Sulfamethoxazole	60%	R>=8	R>=8	S<=0.5	S<=0.5	R>=8	R>=8	R>=8	S<=0.5	S<=0.5	R>=8	R>=8	R>=8	S 2	R>=8	R>=8	S<=0.5	S<=0.5	R>=8	S<=0.5	R>=8
19	Polymixin B	10%	S<=2	S<=2	S<=2	S<=2	R>=4	R>=4	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2	S<=2

Abbreviations: R, Resistant; I, Intermediate; S, Susceptible

Supplementary Table 2 Statistics of reads mapping to reference genome (NZ_CP045263.1) and genome assemblies of 20 strains

ID	Strains	Numreads	Covbases	Coverage	Meandepth	Meanbaseq	Meanmapq	Contigs	Assembly length	GC%	N50	BioSample	Assembly
1	BJ17-0100	7495273	5356377	95.6687	198.414	35.7	58.2	45	6085948	56.47	1,300,316	SAMN27593772	GCA_023700655.1
2	BJ17-0102	7137349	4900546	87.5272	188.755	35.5	59	586	5663834	56.99	163,390	SAMN27593773	GCA_023700705.1
3	BJ17-0103	8092994	5585265	99.7568	215.332	35.5	58.2	6	5821712	57.04	5,681,602	SAMN27593774	GCA_023700625.1
4	BJ17-0104	8632767	5315912	94.9459	229.552	35.5	58.6	14	5661479	57.23	5,244,136	SAMN27593775	GCA_023700645.1
5	BJ17-0106	8483965	5546153	99.0582	225.431	35.4	58.5	36	5724892	57.07	1,597,484	SAMN27593777	GCA_023700605.1
6	BJ17-0107	9359909	5553958	99.1976	248.447	35.7	58.5	53	5801768	56.98	1,491,662	SAMN27593778	GCA_023700565.1
7	BJ17-0108	9297377	4922857	87.9257	246.727	35.6	59.1	2	5469540	57.35	5,295,893	SAMN27593779	GCA_023700505.1
8	BJ17-0109	8555487	4893107	87.3943	226.743	35.7	59.1	2	5524686	57.25	5,292,574	SAMN27593780	GCA_023700585.1
9	BJ17-0110	7445369	5381852	96.1237	198.009	35.6	58.3	3	5748938	57.22	5,596,427	SAMN27593781	GCA_023700545.1
10	BJ17-0111	9008353	5556052	99.235	239.835	35.6	58.3	6	5778903	57.10	5,638,791	SAMN27593782	GCA_023700525.1
11	BJ17-0112	7460245	4933461	88.1151	197.519	35.6	58.8	4	5507922	57.30	5,288,099	SAMN27593783	GCA_023700445.1
12	BJ17-0113	13260106	4973246	88.8257	351.851	35.8	59.3	1	5458212	57.44	5,458,212	SAMN27593784	GCA_023242905.1
13	BJ17-0114	6173167	4908916	87.6767	163.625	36	58.9	17	5698316	56.74	5,161,006	SAMN27593785	GCA_023700405.1
14	BJ17-0115	8207977	4934198	88.1282	217.36	35.5	58.8	4	5506183	57.30	5,288,099	SAMN27593786	GCA_023700425.1
15	BJ17-0116	8495127	4837776	86.4061	224.927	35.7	58.8	4	5376790	57.26	5,156,958	SAMN27593787	GCA_023700465.1
16	BJ17-0117	8381255	5012746	89.5312	221.911	35.6	59.1	6	5665380	57.11	5,377,248	SAMN27593788	GCA_023700335.1
17	BJ17-0118	7476150	4987293	89.0766	198.104	35.6	58.7	37	5946112	56.60	2,549,204	SAMN27593789	GCA_023700325.1
18	BJ17-0119	7633643	5409744	96.6218	202.862	35.6	58.4	7	5963168	56.80	5,497,432	SAMN27593790	GCA_023700415.1
19	BJ17-0120	7546447	5332825	95.248	200.041	35.6	58.3	13	6089139	56.46	5,482,102	SAMN27593791	GCA_023700365.1
20	BJ17-0121	7313232	5233278	93.47	194.773	35.6	59	7	5573943	57.16	5,333,368	SAMN27593792	GCA_023700375.1

