

**Table S2.** Accession details of reference genomes analyzed in this study

Genome	Accession
<i>A. baumannii</i> AB0057	NC_011586.1
<i>A. baumannii</i> AB056	NZ_ADGZ000000000
<i>A. baumannii</i> AB058	NZ_ADHA000000000
<i>A. baumannii</i> AB059	NZ_ADHB000000000
<i>A. baumannii</i> 1656-2	CP001921.1
<i>A. baumannii</i> AB210	AEOX000000000
<i>A. baumannii</i> AB307-0294	NC_011595.1
<i>A. baumannii</i> 3909	AEOZ000000000
<i>A. baumannii</i> 3990	AEOY000000000
<i>A. baumannii</i> 4190	AEPA000000000
<i>A. baumannii</i> 4857	AHAG000000000
<i>A. baumannii</i> 5075	AHAH000000000
<i>A. baumannii</i> 5256	AHAI000000000
<i>A. baumannii</i> 5711	AHAJ000000000
<i>A. baumannii</i> 6013113	NZ_ACYR000000000
<i>A. baumannii</i> 6013150	NZ_ACYQ000000000
<i>A. baumannii</i> 6014059	NZ_ACYS000000000
<i>A. baumannii</i> AB900	NZ_ABXK000000000
<i>A. baumannii</i> ACICU	NC_010611.1
<i>A. baumannii</i> MDR-TJ	AEOE000000000
<i>A. baumannii</i> TCDC-AB0715	CP002522.1
<i>A. baumannii</i> ATCC 19606	ACQB000000000
<i>A. baumannii</i> AYE	NC_010410.1
<i>A. baumannii</i> UMB001	AEPK000000000
<i>A. baumannii</i> UMB002	AEPL000000000
<i>A. baumannii</i> UMB003	AEPM000000000
<i>A. baumannii</i> A118	AEOW000000000
<i>A. baumannii</i> ABNIH1	AFSZ000000000
<i>A. baumannii</i> ABNIH2	AFTA000000000
<i>A. baumannii</i> ABNIH3	AFTB000000000
<i>A. baumannii</i> ABNIH4	AFTC000000000
<i>A. baumannii</i> ATCC 17978	CP000521.1
<i>A. baumannii</i> D1279779	AERZ000000000
<i>A. baumannii</i> MDR-ZJ06	CP001937.1
<i>A. baumannii</i> Naval-18	AFDA000000000
<i>A. baumannii</i> Naval-81	AFDB000000000
<i>A. baumannii</i> OIFC032	AFCZ000000000
<i>A. baumannii</i> W6976	AIEG000000000
<i>A. baumannii</i> W7282	AIEH000000000
<i>A. baumannii</i> WM99c	AERY000000000
<i>A. baumannii</i> SDF	NC_010400.1
<i>A. bereziniae</i> LMG 1003	AIEI000000000
<i>A. calcoaceticus</i> RUH2202	ACPK000000000
<i>A. calcoaceticus</i> DSM 30006	AIEC000000000
<i>A. calcoaceticus</i> PHEA-2	NC_016603.1
<i>A. genomosp.</i> 3 str. DSM 21653	AIEK000000000
<i>A. genomosp.</i> 3 str. DSM 9306	AIEF000000000
<i>A. haemolyticus</i> ATCC 19194	ADMT000000000
<i>A. johnsonii</i> SH046	ACPL000000000
<i>A. junii</i> SH205	ACPM000000000
<i>A. lwoffii</i> NCTC 5866	AIEL000000000
<i>A. lwoffii</i> SH145	ACPN000000000
<i>A. lwoffii</i> WJ10621	NZ_AFQY000000000
<i>A. genomosp.</i> 13TU str. NCTC 8102	AIEJ000000000
<i>A. oleivorans</i> DR1	NC_014259.1
<i>A. parvus</i> DSM 16617	AIEB000000000
<i>A. pittii</i> D499	AGFH000000000
<i>A. radioresistens</i> DSM 6976	AIDZ000000000
<i>A. radioresistens</i> SK82	ACVR000000000
<i>A. radioresistens</i> SH164	ACPO000000000
<i>A. sp.</i> ADP1	NC_005966.1
<i>A. sp.</i> ATCC 27244	ABYN000000000
<i>A. sp.</i> NBRC 100985	BAEB000000000
<i>A. sp.</i> NCTC 10304	AIEE000000000
<i>A. sp.</i> NCTC 7422	AIED000000000
<i>A. sp.</i> P8-3-8	AFIE000000000
<i>A. sp.</i> RUH2624	ACQF000000000
<i>A. sp.</i> SH024	ADCH000000000
<i>A. ursingii</i> DSM 16037	AIEA000000000