

TABLE S1. Background information of the 19 bacterial isolates analyzed in this study

Bacterium	Isolate	Country	Hospital/farm	Year	Host	Specimen	Source
<i>Enterobacter cloacae</i>	SL12517	Sierra Leone	Hospital A	2018	Homo sapiens	Urine	This study
<i>Enterobacter cloacae</i>	PIMB10EC27	Vietnam	Hospital B	2010	Homo sapiens	Urine	GenBank
<i>Enterobacter cloacae</i>	RHBSTW-00399	UK	Not applicable	2017	Environment	Wastewater	GenBank
<i>Enterobacter cloacae</i>	En37	Japan	Not applicable	2015	Canis lupus familiaris	Pus	GenBank
<i>Enterobacter roggenskampii</i>	Ecl_20_981	China	Not applicable	2019	Environment	Wastewater	GenBank
<i>Enterobacter roggenskampii</i>	Ecl-983	China	Hospital D	2019	Environment	Wastewater	GenBank
<i>Enterobacter roggenskampii</i>	OIPH-N260	Japan	Not applicable	2019	Homo sapiens	Not applicable	GenBank
<i>Enterobacter roggenskampii</i>	YK16	China	Farm A	2019	Chicken	Anal swab	GenBank
<i>Enterobacter roggenskampii</i>	WCHER090065	China	Hospital F	2016	Homo sapiens	Not applicable	GenBank
<i>Enterobacter roggenskampii</i>	STW0522-66	Japan	Not applicable	2018	Environment	Wastewater	GenBank
<i>Raoultella ornithinolytica</i>	FDAARGOS_431	Canada	Hospital E	2015	Homo sapiens	Rectal	GenBank
<i>Raoultella ornithinolytica</i>	NUITM-VR1	Vietnam	Not applicable	2021	Not applicable	Not applicable	GenBank
<i>Enterobacter hormaechei</i>	ECC59	China	Hospital C	2017	Homo sapiens	Broncho-alveolar lavage	GenBank
<i>Enterobacter asburiae</i>	RHBSTW-01009	UK	Not applicable	2017	Environment	Wastewater	GenBank

<i>Enterobacter kobei</i>	STW0522-51	Japan	Not applicable	2018	Environment	Wastewater	GenBank
<i>Enterobacter</i>	RHBSTW-00175	UK	Not applicable	2017	Environment	Freshwater	GenBank
<i>Klebsiella pneumoniae</i>	INF133-sc-2279960	Australia	Not applicable	2015	Not applicable	Not applicable	GenBank
<i>K. quasipneumoniae</i>	SB610	Netherlands	Not applicable	2000	Environment	Water	GenBank
<i>Citrobacter freundii</i>	B38	China	Hospital G	1998	Homo sapiens	Not applicable	GenBank