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METHODS

Bacterial isolates

We studied 17 *V. cholerae* O1 isolates from cholera cases identified in the surveillance systems for *Vibrio* spp. infections of three European countries (France, Belgium, and the United Kingdom) in 2023 and 2024 (Table S1).

Fifteen of the isolates studied were obtained from the French National Reference Center for *Vibrio* and Cholera (Institut Pasteur). One of these isolates was collected in mainland France from a patient returning from Kenya in 2023 and 14 were collected in Mayotte (a French overseas “département” off the coast of Southeastern Africa in the Indian Ocean) from patients originating from Tanzania ($n = 4$) or the Comoros ($n = 5$) or infected in Mayotte ($n = 5$) in 2024. The autochthonous cases from Mayotte formed two different clusters.

One of the isolates studied was obtained from the Gastrointestinal Bacteria Reference Unit (GBRU) of the United Kingdom Health Security Agency (London, UK) and another was obtained from the Belgian National Reference Center for *Vibrio cholerae* and *Vibrio parahaemolyticus* at Liège University Hospital (Liège, Belgium). Both isolates were retrieved from patients returning from Kenya in 2023. The isolate from Belgium was sent to the *Institut Pasteur* for confirmation and sequencing.

At the *Institut Pasteur*, the identification of *V. cholerae* O1 was confirmed by MALDI-ToF (Bruker, Billerica, Massachusetts, United States). Serogrouping and serotyping were performed by the slide agglutination method with O1 (Biorad, Marnes-La-

Coquette, France) and Ogawa (in-house) antisera. We tested for the *ctxA* gene encoding subunit A of the cholera toxin by either conventional PCR or real-time PCR.^{1,2}

At the UKHSA, identification was performed as previously described.³

Antimicrobial drug susceptibility testing

Antimicrobial drug susceptibility testing was performed on all isolates except isolate 231240238_1901530 from the UK. The isolates were tested by the disk diffusion (DD) method on Mueller-Hinton agar (Bio-Rad, Marnes-la-Coquette, France) according to the guidelines of the European Committee on Antimicrobial Susceptibility Testing (EUCAST).⁴ The following disks (i2A, Montpellier, France) were used for the DD method: nitrofurantoin (NIT, 100 µg), tetracycline (TET, 30 µg), and meropenem (MEM, 10 µg). The isolates were also tested by the microdilution method (Sensititre™ Thermo Fisher Scientific, Cleveland, OH, USA), with ampicillin (AMP), cefotaxime (CTX), azithromycin (AZM), ciprofloxacin (CIP), sulfonamides (SUL), trimethoprim, (TMP) trimethoprim-sulfamethoxazole (SXT), and chloramphenicol (CHL). The EUCAST interpretative criteria for antibiotic susceptibility testing for *Vibrio spp.* (v. 14.0) were used when available.⁴ For AMP and CHL, the Clinical and Laboratory Standards Institute (CLSI) interpretative criteria for *Vibrio spp.* were used.⁵ For TMP and NIT, the EUCAST interpretative criteria for *Enterobacterales* were used.⁴ The presence of an extended-spectrum β-lactamase (ESBL) activity was investigated by testing the synergy between amoxicillin/clavulanate and ceftriaxone disks (I2A) on agar plate.⁶ *Escherichia coli* ATCC 25922 and *Staphylococcus aureus* ATCC 29213 were used for internal quality control.

Whole-genome sequencing (WGS)

Genomic DNA was extracted with the Maxwell® Cell DNA Purification Kit, Maxwell® RSC Cultured Cells DNA Kit (Promega, Madison, Wisconsin, USA) (France) or the QIAasymphony system (Qiagen) (UK), in accordance with the manufacturer's recommendations. The libraries were prepared with the Nextera XT kit (Illumina, Inc. San Diego, USA) and sequencing was performed on Illumina NextSeq 500 (France) or NextSeq 1000 (UK) platforms generating 70–150 bp paired-end reads, yielding a mean coverage of 236-fold (minimum 74-fold, maximum 373-fold).

Long-read sequencing

Isolate CNRVC240027 was selected for long-read sequencing. Genomic DNA was extracted from a three-hour culture in tryptic soy broth at 37°C with a Genomic tips 100 column (Qiagen, Hilden, Germany). It was sent to the Plasmidsaurus sequencing platform (<https://www.plasmidsaurus.com/>) for sequencing with Illumina (Illumina, San Diego, USA) and Oxford Nanopore Technologies (ONT) (Oxford, United Kingdom) techniques. For Illumina sequencing, the library was prepared with the SeqWell ExpressPlex 96 library preparation kit and sequenced on an NextSeq2000 sequencer (Illumina). Short reads were then filtered out with FqCleanER v.23.07 (<https://gitlab.pasteur.fr/GIPhy/fqCleanER>) to eliminate adaptor sequences and low-quality reads with phred scores <28 and a length <70 bp, to generate 70–159 bp paired-end reads. For ONT sequencing, a PCR-free long-read sequencing library was constructed with the latest v14 library preparation chemistry, including minimal fragmentation of the input genomic DNA in a sequence-independent manner: DNA was selected by 1.0x ratio paramagnetic bead clean-up without size selection.

Sequencing was performed on a PromethION R10.4.1 and the ont-doradod-for-promethion v.7.1.4 base-calling algorithm was used in super-accurate mode. Long reads were then filtered with filtlong v.0.2.0 (<https://github.com/rrwick/Filtlong>) to remove sequences of less than 5 kb. Long and short reads were assembled by a hybrid approach with Unicycler v 0.4.8 (<https://github.com/rrwick/Unicycler>) to generate three circularized consensus sequences: two circularized chromosomes and one plasmid. These sequences were annotated with the NCBI Prokaryotic Genome Annotation Pipeline with default parameters (https://www.ncbi.nlm.nih.gov/genome/annotation_prok/) and deposited in GenBank under Bioproject PRJNA1126060 (accession numbers CP158974-CP158976).

Additional genomic data

Raw sequence files and assembled genomes from 1,505 7PET strains were downloaded from the European Nucleotide Archive (ENA, <https://www.ebi.ac.uk/ena/>) or GenBank (<https://www.ncbi.nlm.nih.gov/genbank/>). See Supplementary Table 5 for a list of all 1,523 genomes used in this study, with their accession numbers.

Genomic sequence analyses

All reads were filtered with FqCleanER v.23.07 (<https://gitlab.pasteur.fr/GIPhy/fqCleanER>) to eliminate adaptor sequences and discard low-quality reads with phred scores <28 and a length <70 bp.⁷ Taxonomic read classification with Kraken v.2.1.1 was used to confirm that sequencing reads originated from *V. cholerae* and not from a contaminant.⁸ Only the genomes satisfying the quality control criteria were retained for further analyses. Short reads were assembled with

SPAdes v.3.15.5, with default settings in most cases, but with the parameter “--phred-offset 33” for some genomes.⁹ The various genetic markers were analyzed with the Basic Local Alignment Search Tool (BLAST) v.2.2.26 against reference sequences of the O1 *rfb* gene cluster, *ctxB*, *wbeT*, and the whole locus of VSP-II, as previously described.¹⁰ The presence and type of acquired antibiotic resistance genes (ARGs) or ARG-containing structures were determined with ResFinder v.4.0.1 (<https://cge.food.dtu.dk/services/ResFinder/>), BLAST analysis against GI-15, Tn7, and SXT/R391 integrative and conjugative elements, and PlasmidFinder v.2.1.1 (<https://cge.food.dtu.dk/services/PlasmidFinder/>). The presence of mutations in the genes encoding resistance to quinolones (*gyrA*, *parC*), resistance to nitrofurans (VC0715/*nfsA* and VCA0637/*nfsB*), or restoring susceptibility to polymyxin B (VC1320/*vprA*) was determined manually on *de novo* assembled sequences with BLAST.^{10,11}

Phylogenetic analysis

The paired-end reads and draft or assembled genomes were mapped onto the reference genome of *V. cholerae* O1 El Tor N16961, also known as A19 (GenBank accession numbers LT907989 and LT907990) with Snippy version 4.6.0/BWA v.0.7.17 (<https://github.com/tseemann/snippy>). Single-nucleotide variants (SNVs) were called with Snippy v.4.6.0/Freebayes v.1.3.2 (<https://github.com/tseemann/snippy>), under the following constraints: mapping quality of 60, minimum base quality of 13, minimum read coverage of 4, and 75% read concordance at the locus for a variant to be reported. An alignment of core-genome SNVs was produced in Snippy for phylogenetic inference. Repetitive (insertion sequences and the TLC-RS1-CTX region) and recombinogenic (VSP-II) regions in the alignment were masked.¹⁰ Putative recombinogenic regions

were detected and masked with Gubbins v.3.2.0.¹² A maximum likelihood (ML) phylogenetic tree was built from an alignment of 10,882 chromosomal SNVs, with RAxML v.8.2.12, under the GTR model with 200 bootstraps.¹³ This global tree was rooted on the A6 genome¹⁰ — the earliest and most ancestral 7PET isolate, collected in Indonesia in 1957 — and visualized with iTOL v.6 (<https://itol.embl.de>).¹⁴

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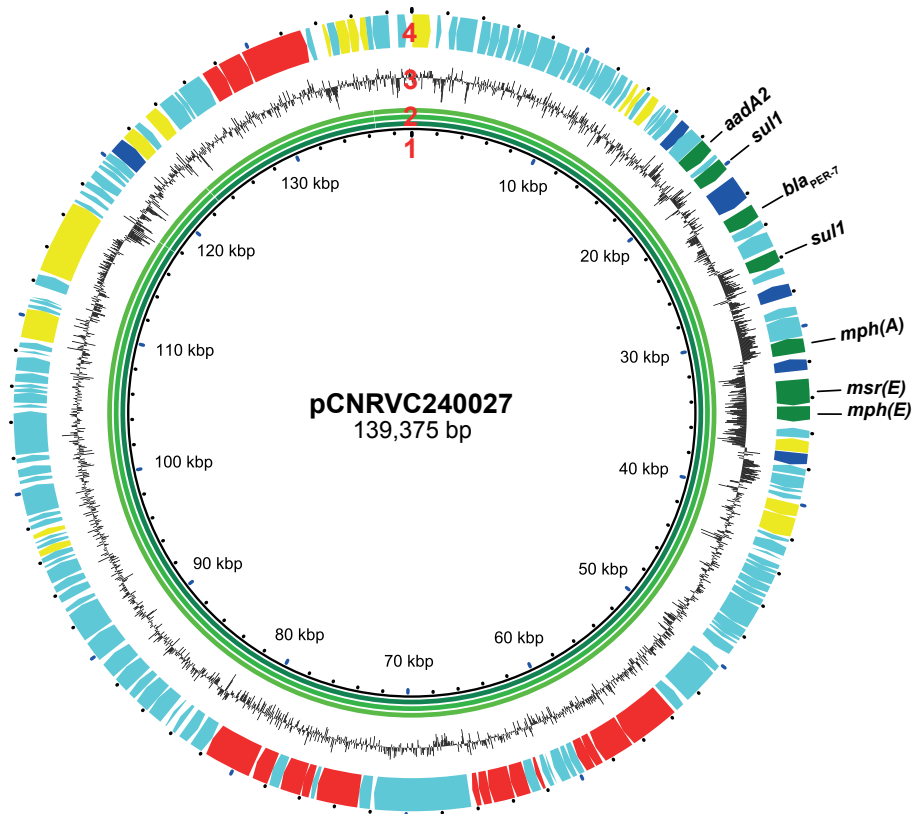
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Figure S1. Circular map and comparative analysis of the multidrug-resistant IncC plasmids from Yemen, Lebanon, and Mayotte

Circle 4

- Antimicrobial drug resistance
- Transposase and integrase
- Conjugation transfer
- Structure and cellular processes
- Other



Circle 2

- *V. cholerae* plasmid pCNRVC240027 (Comoros, 2024)
- *V. cholerae* plasmid pVIC-11A (Lebanon, 2022)
- *V. cholerae* plasmid pCNRVC190243 (Yemen, 2019)

From the innermost to the outermost, the circles indicate (1) the nucleotide positions of pCNRVC240027, (2) the regions of pCNRVC240027 displaying a high level of sequence identity to plasmids pVIC11-A (GenBank accession no. CP134059.1) and pCNRVC190243 (GenBank accession no. OW443149), (3) a G+C content map of pCNRVC240027, and (4) coding sequences (CDS) colored according to their functions. The antimicrobial resistance genes are indicated.

Table S1. Metadata and phenotypic data for the *V. cholerae* O1 isolates studied

Isolate name	Isolation date (dd/mm/yyyy)	Place of isolation	Probable place of contamination	Sero group	Serotype	Minimum Inhibitory Concentrations (mg/L) of **:								Interpretation based on disk diffusion for** :		
						AMP	CTX	AZM	CHL	CIP	SUL	TMP	SXT	MEM	NIT	TET
CNRVC230274	21/02/2023	Belgium	Kenya (Nairobi)	O1	Ogawa	> 128	> 4	128	≤ 1	0.5	>1024	> 64	> 16	S	R	S
231240238_1901530	12/03/2023	UK	Kenya	O1	Ogawa	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CNRVC230106	14/09/2023	France (mainland)	Kenya (Nairobi)	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240027	18/03/2024	France (Mayotte)*	Comoros	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240035	11/04/2024	France (Mayotte)*	Comoros	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240036	11/04/2024	France (Mayotte)*	Tanzania	O1	Ogawa	> 128	> 4	64	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240037	11/04/2024	France (Mayotte)*	Tanzania	O1	Ogawa	> 128	> 4	64	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240038	11/04/2024	France (Mayotte)*	Tanzania	O1	Ogawa	> 128	> 4	64	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240042	14/04/2024	France (Mayotte)*	Comoros	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240043	18/04/2024	France (Mayotte)*	Comoros	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240049	24/04/2024	France (Mayotte)*	Mayotte	O1	Ogawa	> 128	> 4	64	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240051	22/04/2024	France (Mayotte)*	Mayotte	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240069	29/04/2024	France (Mayotte)*	Mayotte	O1	Ogawa	> 128	> 4	64	≤ 1	0.5	512	> 64	> 16	S	R	S
CNRVC240106	08/05/2024	France (Mayotte)*	Comoros	O1	Ogawa	> 128	> 4	64	≤ 1	0.5	>1024	> 64	> 16	S	R	S
CNRVC240128	03/05/2024	France (Mayotte)*	Mayotte	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	1024	> 64	> 16	S	R	S
CNRVC240129	07/05/2024	France (Mayotte)*	Tanzania	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	1024	> 64	> 16	S	R	S
CNRVC240130	07/05/2024	France (Mayotte)*	Mayotte	O1	Ogawa	> 128	> 4	32	≤ 1	0.5	512	> 64	> 16	S	R	S

*Mayotte is a French overseas "département" located in the northern part of the Mozambique Channel in the Indian Ocean off the coast of Southeastern Africa. **Abbreviations according to the American Society for Microbiology (<https://aac.asm.org/content/abbreviations-and-conventions>), except for SUL (sulfonamides); S, susceptible; R, resistant; ND, not done

Table S2. Genomic characteristics of the *V. cholerae* O1 isolates studied

Isolate name	Genomic wave	7PET sublineage	<i>rfbO1</i>	VSP-II	<i>ctxB</i>	<i>wbeT</i>	<i>tcpA</i>
CNRVC230274	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
231240238_1901530	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC230106	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240027	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240035	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240036	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240037	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240038	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240042	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240043	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240049	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240051	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240069	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240106	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240128	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240129	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G
CNRVC240130	3	AFR13	Positive	VSP-II (Δ VC_0495-VC_0512::ISVch4)	ctxB7	Wild type	A266G

7PET, seventh pandemic *Vibrio cholerae* El Tor; Δ , deletion.

Table S3. Antimicrobial resistance elements and genes in the *V. cholerae* O1 isolates studied

Isolate name	<i>bla</i> _{PER-7}	<i>aadA2</i>	<i>sul1</i>	<i>dfrA1</i>	<i>msr(E)</i>	<i>mph(A)</i>	<i>mph(E)</i>	<i>gyrA</i>	<i>parC</i>	VC_0715	VC_A0637	<i>vprA</i> (VC_1320)	Plasmid	SXT/R391
CNRVC230274	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
231240238_1901530	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC230106	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240027	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240035	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240036	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240037	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240038	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240042	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240043	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240049	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240051	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240069	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240106	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240128	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240129	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)
CNRVC240130	Presence	Presence	Presence	Presence	Presence	Presence	Presence	S83I	S85L	R169C (C505T)	Q5STOP (C13T)	D89N (G265A)	IncC	ICEV <i>chlInd5</i> (Δ <i>strAB</i> to <i>floR</i>)

Δ , deletion.

Table S4. Characteristics of the highly drug-resistant AFR13 *V. cholerae* strain

Species	<i>Vibrio cholerae</i>
Serogroup, serotype and biotype	O1, Ogawa, El Tor
Genomic lineage and wave	7PET, wave 3
Genetic markers	<i>ctxB7</i> , <i>tcpA</i> ^{CIRS101} , VSP-II ^{Δ*}
AMR profile	AMP ^R , CTX ^{R‡} , SUL ^R , TMP ^R , SXT ^R , AZM ^R , CIP ^R , NIT ^R
Horizontally acquired AMR elements	ICEVchInd5 ^{Δ**} , IncC plasmid
Horizontally acquired AMR genes [#]	<i>bla</i> _{PER-7} , <i>msr(E)</i> , <i>mph(A)</i> , <i>mph(E)</i> , <i>sul1</i> (duplicated), <i>dfrA1</i> , <i>aadA2</i>
Mutated chromosomal genes (AMR phenotype)	<i>gyrA</i> _S83I and <i>parC</i> _S85L (CIP ^R), <i>nfsA</i> _R169C and <i>nfsB</i> _Q5Stop (NIT ^R), <i>vprA</i> _D89N ^{##}

AMR, antimicrobial resistance; AMP, ampicillin; CTX, cefotaxime; SUL, sulfonamides; TMP, trimethoprim; SXT, trimethoprim/sulfamethoxazole; AZM, azithromycin; CIP, ciprofloxacin; NIT: nitrofurantoin; See Table S1 for MIC values; R in uppercase indicates resistance according to EUCAST or CLSI guidelines; ^{Δ*} deletion encompassing VC_0495 - VC_0512 according to GenBank accession no. AE003852; ^{Δ**} Deletion encompassing ICEVCHIND5_0011 - ICEVCHIND5_0021 according to GenBank accession no. GQ463142; [‡]production of an ESBL; [#]all genes are carried on the IncC plasmid, with the exception of *dfrA1* and *aadA2* which are carried on the ICEVchInd5 genomic element; ^{##}leading to a restoration of polymyxin B susceptibility

Table S5. Accession codes of the 1,523 7PET genomes studied

Isolate name	Year	Country	EBI-ENA accession no.	GenBank accession no.	Source
A6	1957	Indonesia	ERR025382		Mutreja et al. Nature 2011
6311-CDC	1961	Indonesia	ERR576981		Didelot et al. PLoS Genet 2015
6312-CDC	1961	Indonesia	ERR576980		Didelot et al. PLoS Genet 2015
A18	1977	India	ERR025384		Mutreja et al. Nature 2011
D118-CDC	1961	China	ERR576972		Didelot et al. PLoS Genet 2015
2921-CDC	1962	China	ERR579055		Didelot et al. PLoS Genet 2015
2865-CDC	1961	China	ERR579060		Didelot et al. PLoS Genet 2015
2894-CDC	1961	China	ERR579057		Didelot et al. PLoS Genet 2015
63244-CDC	1963	China	ERR576979		Didelot et al. PLoS Genet 2015
2881-CDC	1961	China	ERR579058		Didelot et al. PLoS Genet 2015
2981-CDC	1965	China	ERR579053		Didelot et al. PLoS Genet 2015
CNRVC940044	1963	Philippines	ERR1879573		Weill et al. Science 2017
CNRVC930027	1966	Egypt	ERR976397		Weill et al. Science 2017
CNRVC960976	1962	New Guinea	ERR1879629		Weill et al. Science 2017
2873-CDC	1961	China	ERR579059		Didelot et al. PLoS Genet 2015
GD196110-CDC	1961	China	ERR576971		Didelot et al. PLoS Genet 2015
CNRVC930061	1961	China	ERR1879565		Weill et al. Science 2017
2744-CDC	1962	China	ERR579066		Didelot et al. PLoS Genet 2015
CNRVC930060	1961	Philippines	ERR1879564		Weill et al. Science 2017
2914-CDC	1966	China	ERR579056		Didelot et al. PLoS Genet 2015
3075-CDC	1974	China	ERR579050		Didelot et al. PLoS Genet 2015
CNRVC950218	1973	Philippines	ERR1879584		Weill et al. Science 2017
3289-CDC	1978	China	ERR577143		Didelot et al. PLoS Genet 2015
2308-CDC	1978	China	ERR579074		Didelot et al. PLoS Genet 2015
2957-CDC	1964	China	ERR579054		Didelot et al. PLoS Genet 2015
2783-CDC	1964	China	ERR579063		Didelot et al. PLoS Genet 2015
CNRVC930066	1964	India	ERR1879566		Weill et al. Science 2017
CNRVC930036	1962	India	ERR1879562		Weill et al. Science 2017
CNRVC950100	1973	Malaysia	ERR1879580		Weill et al. Science 2017
CNRVC930029	1971	Myanmar	ERR1879559		Weill et al. Science 2017
CNRVC950641	1972	Myanmar	ERR1879587		Weill et al. Science 2017
3014-CDC	1969	China	ERR579052		Didelot et al. PLoS Genet 2015
CNRVC961077	1963	Thailand	ERR1879633		Weill et al. Science 2017
6310-CDC	1961	Indonesia	ERR576982		Didelot et al. PLoS Genet 2015
CNRVC930067	1963	Cambodia	ERR1879567		Weill et al. Science 2017
CNRVC961129	1964	Vietnam	ERR1879634		Weill et al. Science 2017
CNRVC950161	1966	Vietnam	ERR1879581		Weill et al. Science 2017
CNRVC950165	1968	Vietnam	ERR1879582		Weill et al. Science 2017
CNRVC950172	1969	Vietnam	ERR1879583		Weill et al. Science 2017
642345-CDC	1964	China	ERR7135491		Benamrouche et al. Emerg Infect Dis 2022
CNRVC960800	1965	Iran	ERR1879604		Weill et al. Science 2017
CNRVC960778	1966	Iraq	ERR1879602		Weill et al. Science 2017
CNRVC960768	1966	Iraq	ERR1879601		Weill et al. Science 2017
CNRVC961005	1964	Pakistan	ERR1879630		Weill et al. Science 2017
CNRVC960799	1965	Iran	ERR1879603		Weill et al. Science 2017
CNRVC930076	1965	Iran	ERR1879568		Weill et al. Science 2017
CNRVC960842	1965	Iran	ERR1879605		Weill et al. Science 2017
CNRVC960871	1965	Iran	ERR1879606		Weill et al. Science 2017
CNRVC960872	1965	Iran	ERR1879607		Weill et al. Science 2017
THSTI_GP160bis	1980	India	ERR1880816		Weill et al. Science 2017
3304-CDC	1979	China	ERR577142		Didelot et al. PLoS Genet 2015
3538-CDC	1981	China	ERR577140		Didelot et al. PLoS Genet 2015
CNRVC140134	1971	Portugal	ERR976505		Weill et al. Science 2017
CNRVC930171	1984	Cote d'Ivoire	ERR976411		Weill et al. Science 2017
CNRVC930033	1970	Israel	ERR1879561		Weill et al. Science 2017
CNRVC930044	1970	Lebanon	ERR1879563		Weill et al. Science 2017

CNRVC150131	1970	Ukraine	ERR1878613	Weill et al. Science 2017
CNRVC961018	1970	Slovakia	ERR1879632	Weill et al. Science 2017
CNRVC961017	1970	Slovakia	ERR1879631	Weill et al. Science 2017
CNRVC930030	1970	Slovakia	ERR1879560	Weill et al. Science 2017
CNRVC960949	1970	Libya	ERR976470	Weill et al. Science 2017
CNRVC950559	1971	Tunisia	ERR976455	Weill et al. Science 2017
CNRVC950558	1971	Tunisia	ERR976454	Weill et al. Science 2017
CNRVC960951	1970	Libya	ERR976471	Weill et al. Science 2017
CNRVC960635	1970	Guinea	ERR976467	Weill et al. Science 2017
CNRVC140136	1971	Portugal	ERR976507	Weill et al. Science 2017
CNRVC960629	1970	Guinea	ERR976466	Weill et al. Science 2017
CNRVC150228	1973	Tunisia	ERR1879436	Weill et al. Science 2017
CNRVC950376	1974	Tunisia	ERR976441	Weill et al. Science 2017
CNRVC950250	1974	Italy	ERR1879585	Weill et al. Science 2017
CNRVC950466	1972	Morocco	ERR976446	Weill et al. Science 2017
CNRVC960627	1970	Ghana	ERR976465	Weill et al. Science 2017
CNRVC950487	1972	Morocco	ERR976449	Weill et al. Science 2017
1_1970	1970	Israel	ERR042745	Weill et al. Science 2017
CNRVC930127	1970	Guinea	ERR976403	Weill et al. Science 2017
12_1970	1970	Israel	ERR042749	Weill et al. Science 2017
CNRVC950521	1975	Algeria	ERR4175477	Oprea et al. Nat Commun 2020
CNRVC930166	1975	Algeria	ERR976406	Weill et al. Science 2017
CNRVC950418	1974	France	ERR976444	Weill et al. Science 2017
CNRVC950520	1975	Algeria	ERR4175478	Oprea et al. Nat Commun 2020
CNRVC950534	1975	Algeria	ERR4175473	Oprea et al. Nat Commun 2020
CNRVC070112	1981	Algeria	ERR7139723	Benamrouche et al. Emerg Infect Dis 2022
CNRVC070110	1980	Algeria	ERR7139722	Benamrouche et al. Emerg Infect Dis 2022
CNRVC930167	1974	Algeria	ERR976407	Weill et al. Science 2017
CNRVC950431	1974	Morocco	ERR976445	Weill et al. Science 2017
CNRVC930037	1970	Sierra Leone	ERR976398	Weill et al. Science 2017
CNRVC140135	1971	Portugal	ERR976506	Weill et al. Science 2017
A4	1973	Unknown	ERR025380	Mutreja et al. Nature 2011
CNRVC950468	1972	Morocco	ERR976447	Weill et al. Science 2017
CNRVC950498	1972	Morocco	ERR976450	Weill et al. Science 2017
CNRVC960922	1970	Lebanon	ERR1879628	Weill et al. Science 2017
CNRVC961014	1970	Sierra Leone	ERR976475	Weill et al. Science 2017
CNRVC150244	1973	Italy	ERR1879541	Weill et al. Science 2017
RKI-ZBS2-CH8	1971	Spain	ERR1880796	Weill et al. Science 2017
CNRVC950543	1975	Comoros	ERR976453	Weill et al. Science 2017
CNRVC950540	1975	Comoros	ERR976452	Weill et al. Science 2017
CNRVC950535	1975	Comoros	ERR976451	Weill et al. Science 2017
CNRVC950476	1972	Morocco	ERR976448	Weill et al. Science 2017
CNRVC960946	1970	Liberia	ERR976469	Weill et al. Science 2017
CNRVC960928	1970	Liberia	ERR976468	Weill et al. Science 2017
CNRVC950569	1970	Angola	ERR976457	Weill et al. Science 2017
CNRVC950568	1970	Angola	ERR976456	Weill et al. Science 2017
RKI-ZBS2-CH19	1972	Angola	ERR1880793	Weill et al. Science 2017
CNRVC140137	1974	Portugal	ERR976508	Weill et al. Science 2017
CNRVC140139	1974	Portugal	ERR976510	Weill et al. Science 2017
NICD_69147	1980	Republic of South Africa	ERR1880786	Weill et al. Science 2017
NICD_69175	1980	Republic of South Africa	ERR1880792	Weill et al. Science 2017
NICD_69173	1980	Republic of South Africa	ERR1880791	Weill et al. Science 2017
CNRVC900123	1990	Malawi	ERR976393	Weill et al. Science 2017
CNRVC900105	1990	Angola	ERR976391	Weill et al. Science 2017
CNRVC900117	1990	Malawi	ERR976392	Weill et al. Science 2017
CNRVC920194	1990	Angola	ERR976396	Weill et al. Science 2017
CNRVC920170	1989	Malawi	ERR976394	Weill et al. Science 2017
CNRVC900125	1990	Mozambique	ERR1879547	Weill et al. Science 2017
CNRVC920049	1992	Malawi	ERR976523	Weill et al. Science 2017
A152	1991	Mozambique	ERR018152	Mutreja et al. Nature 2011
A154	1991	Mozambique	ERR018151	Mutreja et al. Nature 2011

C8178	1992	Mozambique	ERR1877616	Weill et al. Science 2017
A155	1991	Mozambique	ERR018150	Mutreja et al. Nature 2011
CNRVC950235	1970	Nigeria	ERR976431	Weill et al. Science 2017
CNRVC950238	1970	Nigeria	ERR976432	Weill et al. Science 2017
CNRVC950087	1972	Chad	ERR976416	Weill et al. Science 2017
CNRVC950142	1970	Cameroon	ERR976423	Weill et al. Science 2017
CNRVC950140	1970	Cameroon	ERR976421	Weill et al. Science 2017
CNRVC950040	1972	Chad	ERR976415	Weill et al. Science 2017
CNRVC930046	1971	Chad	ERR976401	Weill et al. Science 2017
CNRVC950105	1974	Burkina Faso	ERR976418	Weill et al. Science 2017
CNRVC950345	1971	Senegal	ERR976436	Weill et al. Science 2017
CNRVC950343	1972	Senegal	ERR976435	Weill et al. Science 2017
CNRVC950340	1974	Senegal	ERR1879586	Weill et al. Science 2017
CNRVC950253	1973	Senegal	ERR976433	Weill et al. Science 2017
CNRVC950326	1974	Senegal	ERR976434	Weill et al. Science 2017
CNRVC950106	1974	Burkina Faso	ERR976419	Weill et al. Science 2017
CNRVC950405	1974	Burkina Faso	ERR976443	Weill et al. Science 2017
CNRVC950396	1974	Burkina Faso	ERR976442	Weill et al. Science 2017
CNRVC930042	1970	Cameroon	ERR976400	Weill et al. Science 2017
CNRVC950141	1970	Cameroon	ERR976422	Weill et al. Science 2017
CNRVC950143	1970	Cameroon	ERR976424	Weill et al. Science 2017
CNRVC950138	1970	Cameroon	ERR976420	Weill et al. Science 2017
CNRVC930079	1970	France	ERR1879569	Weill et al. Science 2017
CNRVC950182	1973	Cote d'Ivoire	ERR976425	Weill et al. Science 2017
CNRVC960552	1970	Cote d'Ivoire	ERR976458	Weill et al. Science 2017
CNRVC930075	1970	Mali	ERR976402	Weill et al. Science 2017
CNRVC960959	1970	Niger	ERR976473	Weill et al. Science 2017
CNRVC960952	1970	Mali	ERR976472	Weill et al. Science 2017
CNRVC960971	1970	Niger	ERR976474	Weill et al. Science 2017
CNRVC950203	1970	Cote d'Ivoire	ERR976428	Weill et al. Science 2017
CNRVC950189	1973	Cote d'Ivoire	ERR976426	Weill et al. Science 2017
CNRVC950191	1973	Cote d'Ivoire	ERR976427	Weill et al. Science 2017
CNRVC950224	1971	Ghana	ERR976430	Weill et al. Science 2017
CNRVC960575	1970	Benin	ERR976459	Weill et al. Science 2017
CNRVC960579	1970	Benin	ERR976460	Weill et al. Science 2017
CNRVC960623	1970	Ghana	ERR976464	Weill et al. Science 2017
CNRVC950223	1971	Ghana	ERR976429	Weill et al. Science 2017
THSTI_GP106bis	1975	Togo	ERR1880815	Weill et al. Science 2017
CNRVC950360	1974	Chad	ERR976438	Weill et al. Science 2017
CNRVC950358	1974	Chad	ERR976437	Weill et al. Science 2017
CNRVC950364	1972	Chad	ERR976439	Weill et al. Science 2017
CNRVC950366	1974	Chad	ERR976440	Weill et al. Science 2017
CNRVC930187	1982	Algeria	ERR976413	Weill et al. Science 2017
CNRVC150229	1981	Tunisia	ERR1879437	Weill et al. Science 2017
CNRVC070113	1981	Algeria	ERR7139724	Benamrouche et al. Emerg Infect Dis 2022
CNRVC070108	1980	Algeria	ERR7139721	Benamrouche et al. Emerg Infect Dis 2022
CNRVC150217	1982	Ghana-Nigeria	ERR1879391	Weill et al. Science 2017
CNRVC980046	1985	Benin	ERR976483	Weill et al. Science 2017
F135	1993	Cameroon	ERR1879651	Weill et al. Science 2017
CNRVC930168	1982	Algeria	ERR976408	Weill et al. Science 2017
CNRVC930164	1983	Algeria	ERR976405	Weill et al. Science 2017
CNRVC980041	1984	Mali	ERR976480	Weill et al. Science 2017
CNRVC980043	1985	Mali	ERR976481	Weill et al. Science 2017
863-CDC	1986	Mauritania	ERR576978	Didelot et al. PLoS Genet 2015
CNRVC980040	1984	Burkina Faso	ERR976479	Weill et al. Science 2017
CNRVC980048	1984	Burkina Faso	ERR976485	Weill et al. Science 2017
CNRVC980049	1984	Burkina Faso	ERR976486	Weill et al. Science 2017
CNRVC140132	1988	Angola	ERR976503	Weill et al. Science 2017
CNRVC140129	1988	Angola	ERR976500	Weill et al. Science 2017
A5	1989	Angola	ERR025381	Mutreja et al. Nature 2011
SaoTome21	1989	Sao Tome	ERR1880798	Weill et al. Science 2017

CNRVC920176	1989	Sao Tome	ERR1879552	Weill et al. Science 2017
CNRVC140131	1988	Angola	ERR976502	Weill et al. Science 2017
CNRVC140128	1988	Angola	ERR976499	Weill et al. Science 2017
CNRVC140127	1988	Angola	ERR976498	Weill et al. Science 2017
CNRVC140130	1988	Angola	ERR976501	Weill et al. Science 2017
CNRVC920027	1992	Angola	ERR976522	Weill et al. Science 2017
CNRVC940011	1994	Angola	ERR976532	Weill et al. Science 2017
CNRVC940012	1994	Angola	ERR976533	Weill et al. Science 2017
CNRVC950002	1995	Angola	ERR998664	Weill et al. Science 2017
CNRVC950007	1995	Angola	ERR998665	Weill et al. Science 2017
CNRVC150245	1988	Cote d'Ivoire	ERR1879542	Weill et al. Science 2017
CNRVC150227	1988	Cote d'Ivoire	ERR1879435	Weill et al. Science 2017
CNRVC140140	1988	Cote d'Ivoire	ERR976511	Weill et al. Science 2017
CNRVC150231	1988	Cote d'Ivoire	ERR1879535	Weill et al. Science 2017
CNRVC150210	1988	Cote d'Ivoire	ERR1879384	Weill et al. Science 2017
CNRVC140141	1988	Cote d'Ivoire	ERR976512	Weill et al. Science 2017
CNRVC950014	1995	Ecuador	ERR1879579	Domman et al. Science 2017
CNRVC140121	1991	Brazil	ERR976492	Domman et al. Science 2017
C6706-CDC	1991	Peru	ERR576973	Didelot et al. PLoS Genet 2015
V01-CDC	1991	Chile	ERR576950	Didelot et al. PLoS Genet 2015
688	2006	Mexico	ERR108537	Domman et al. Science 2017
A184	1992	Colombia	ERR018146	Mutreja et al. Nature 2011
A180	1992	Colombia	ERR018148	Mutreja et al. Nature 2011
CNRVC140118	1991	Brazil	ERR976489	Domman et al. Science 2017
A177	1992	Colombia	ERR018149	Mutreja et al. Nature 2011
A32	1991	Peru	ERR025390	Mutreja et al. Nature 2011
A27	1991	Peru	ERR025378	Mutreja et al. Nature 2011
A31	1991	Peru	ERR025389	Mutreja et al. Nature 2011
A185	1992	Colombia	ERR018156	Mutreja et al. Nature 2011
A29	1991	Peru	ERR025388	Mutreja et al. Nature 2011
C8799	1992	Uganda	ERR1877636	Weill et al. Science 2017
C8798	1992	Uganda	ERR1877619	Weill et al. Science 2017
F4170	1997	Nigeria	ERR1879657	Weill et al. Science 2017
X190-CDC	1991	Peru	ERR580006	Didelot et al. PLoS Genet 2015
A200	1992	Argentina	ERR018168	Mutreja et al. Nature 2011
A186	1992	Argentina	ERR018158	Mutreja et al. Nature 2011
A193	1992	Bolivia	ERR018160	Mutreja et al. Nature 2011
A201	1992	Argentina	ERR018167	Mutreja et al. Nature 2011
A231	1991	Mexico	ERR018161	Mutreja et al. Nature 2011
A232	1991	Mexico	ERR018159	Mutreja et al. Nature 2011
CNRVC140122	1992	Brazil	ERR976493	Domman et al. Science 2017
CNRVC940183	1994	French Guiana	ERR1879578	Domman et al. Science 2017
CNRVC930025	1993	French Guiana	ERR1879554	Domman et al. Science 2017
CNRVC140126	1991	Bolivia	ERR976497	Domman et al. Science 2017
CNRVC140117	1991	Bolivia	ERR976488	Domman et al. Science 2017
CNRVC140125	1992	Bolivia	ERR976496	Domman et al. Science 2017
CNRVC140123	1992	Bolivia	ERR976494	Domman et al. Science 2017
CNRVC140124	1992	Bolivia	ERR976495	Domman et al. Science 2017
A316	1993	Argentina	ERR018181	Mutreja et al. Nature 2011
3024-CDC	1973	China	ERR579051	Didelot et al. PLoS Genet 2015
CNRVC960918	1970	Jordan	ERR1879627	Weill et al. Science 2017
CNRVC150132	1974	Ukraine	ERR1878614	Weill et al. Science 2017
CNRVC960596	1970	Ethiopia	ERR976463	Weill et al. Science 2017
CNRVC930038	1970	Ethiopia	ERR976399	Weill et al. Science 2017
CNRVC960891	1970	Israel	ERR1879624	Weill et al. Science 2017
CNRVC960899	1970	Israel	ERR1879625	Weill et al. Science 2017
CNRVC960911	1970	Israel	ERR1879626	Weill et al. Science 2017
4_1970	1970	Israel	ERR042748	Weill et al. Science 2017
N16961	1975	Bangladesh		LT907989/LT907990 Heidelberg et al. Nature 2000
A19	1971	Bangladesh	ERR025385	Mutreja et al. Nature 2011
132-CDC	1978	China	ERR579087	Didelot et al. PLoS Genet 2015

1551-CDC	1979	China	ERR579083		Didelot et al. PLoS Genet 2015
3564-CDC	1982	China	ERR577139		Didelot et al. PLoS Genet 2015
2578-CDC	1985	China	ERR579919		Didelot et al. PLoS Genet 2015
3626-CDC	1983	China	ERR576995		Didelot et al. PLoS Genet 2015
2752-CDC	1981	China	ERR579065		Didelot et al. PLoS Genet 2015
3633-CDC	1984	China	ERR576988		Didelot et al. PLoS Genet 2015
1283-CDC	1984	China	ERR579088		Didelot et al. PLoS Genet 2015
2833-CDC	1979	China	ERR579062		Didelot et al. PLoS Genet 2015
3497-CDC	1980	China	ERR577141		Didelot et al. PLoS Genet 2015
3735-CDC	1988	China	ERR576987		Didelot et al. PLoS Genet 2015
2580-CDC	1989	China	ERR579070		Didelot et al. PLoS Genet 2015
3595-CDC	1983	China	ERR576996		Didelot et al. PLoS Genet 2015
2574-CDC	1980	China	ERR579072		Didelot et al. PLoS Genet 2015
GP152	1979	India	ERR018188		Mutreja et al. Nature 2011
3270-CDC	1977	China	ERR579049		Didelot et al. PLoS Genet 2015
A397	1987	Bangladesh	ERR018176		Mutreja et al. Nature 2011
A22	1979	Bangladesh	ERR025386		Mutreja et al. Nature 2011
CNRVC150216	1976	Turkey	ERR1879390		Weill et al. Science 2017
CNRVC150214	1981	Romania	ERR1879388		Weill et al. Science 2017
RKI-ZBS2-CH99	1980	Turkey	ERR1880797		Weill et al. Science 2017
CNRVC150218	1985	Ethiopia	ERR1879392		Weill et al. Science 2017
CNRVC150234	1985	Somalia	ERR1879536		Weill et al. Science 2017
CNRVC980039	1985	Djibouti	ERR976478		Weill et al. Science 2017
CNRVC980044	1985	Djibouti	ERR976482		Weill et al. Science 2017
GP60	1973	India	ERR018186		Mutreja et al. Nature 2011
GP143	1978	Bahrein	ERR018192		Mutreja et al. Nature 2011
CNRVC150236	1985	Somalia	ERR1879537		Weill et al. Science 2017
RC9	1985	Kenya		ACHX00000000	Chun et al. Proc Natl Acad Sci USA 2009
CNRVC980050	1984-1986	DRC	ERR976487		Weill et al. Science 2017
CNRVC930170	1984	DRC	ERR976410		Weill et al. Science 2017
CNRVC980047	1988	DRC	ERR976484		Weill et al. Science 2017
CNRVC930153	1993	DRC	ERR976525		Weill et al. Science 2017
F5198	1998	Zambia	ERR1880765		Weill et al. Science 2017
F5197	1998	Zambia	ERR1880764		Weill et al. Science 2017
CNRVC920169	1992	DRC	ERR976524		Weill et al. Science 2017
CNRVC930163	1988	DRC	ERR976404		Weill et al. Science 2017
CNRVC910429	1991	DRC	ERR976521		Weill et al. Science 2017
CNRVC930185	1993	DRC	ERR976526		Weill et al. Science 2017
B9631	1998	Rwanda	ERR1877614		Weill et al. Science 2017
B9632	1998	Rwanda	ERR1877615		Weill et al. Science 2017
CNRVC940051	1988	Rwanda	ERR976414		Weill et al. Science 2017
CNRVC970056	1997	Burundi	ERR1879636		Weill et al. Science 2017
CNRVC960329	1996	Rwanda	ERR998722		Weill et al. Science 2017
CNRVC960328	1996	Rwanda	ERR998721		Weill et al. Science 2017
CNRVC940173	1994	DRC	ERR998659		Weill et al. Science 2017
CNRVC940143	1994	DRC	ERR976544		Weill et al. Science 2017
CNRVC960308	1996	DRC	ERR998714		Weill et al. Science 2017
CNRVC960312	1996	Rwanda	ERR998715		Weill et al. Science 2017
CNRVC960317	1996	Rwanda	ERR998716		Weill et al. Science 2017
CNRVC960299	1996	Rwanda	ERR998713		Weill et al. Science 2017
CNRVC970058	1997	DRC	ERR998733		Weill et al. Science 2017
CNRVC970004	1997	DRC	ERR998723		Weill et al. Science 2017
CNRVC970007	1997	DRC	ERR998724		Weill et al. Science 2017
C8465	1992	Burundi	ERR1877617		Weill et al. Science 2017
C8466	1992	Burundi	ERR1877618		Weill et al. Science 2017
CNRVC930409	1993	Rwanda	ERR976528		Weill et al. Science 2017
CNRVC930425	1993	Burundi	ERR976530		Weill et al. Science 2017
CNRVC930428	1993	Tanzania	ERR976531		Weill et al. Science 2017
CNRVC930417	1993	Burundi	ERR976529		Weill et al. Science 2017
CNRVC950693	1995	DRC	ERR998667		Weill et al. Science 2017
CNRVC940131	1994	DRC	ERR976540		Weill et al. Science 2017

CNRVC950746	1995	DRC	ERR998681		Weill et al. Science 2017
CNRVC950694	1995	DRC	ERR998668		Weill et al. Science 2017
CNRVC950695	1995	DRC	ERR998669		Weill et al. Science 2017
F3835	1997	Tanzania	ERR1879655		Weill et al. Science 2017
CNRVC970064	1997	DRC	ERR998734		Weill et al. Science 2017
CNRVC970176	1997	DRC	ERR976550		Weill et al. Science 2017
CNRVC970174	1997	DRC	ERR976548		Weill et al. Science 2017
F3403	1996	Zambia/Republic of South Africa	ERR1879654		Weill et al. Science 2017
F5097	1997	Malawi	ERR1880761		Weill et al. Science 2017
F5096	1997	Malawi	ERR1879658		Weill et al. Science 2017
177_3	1997	Zambia	ERR164759		Weill et al. Science 2017
280_2	1996	Zambia	ERR164757		Weill et al. Science 2017
20_3	1997	Zambia	ERR164763		Didelot et al. PLoS Genet 2015
354_2	1996	Zambia	ERR044794		Weill et al. Science 2017
F3397	1996	Zambia/Republic of South Africa	ERR1879653		Weill et al. Science 2017
329_2	1996	Zambia	ERR164758		Weill et al. Science 2017
330_2	1997	Zambia	ERR164760		Weill et al. Science 2017
GP140	1978	Malaysia	ERR018193		Mutreja et al. Nature 2011
CNRVC920171	1983	Vietnam	ERR1879551		Weill et al. Science 2017
2757-CDC	1987	China	ERR579064		Didelot et al. PLoS Genet 2015
A241	1989	Vietnam	ERR018169		Mutreja et al. Nature 2011
A245	1989	Vietnam	ERR018171		Mutreja et al. Nature 2011
A10	1979	Bangladesh	ERR025383		Mutreja et al. Nature 2011
2710-CDC	1986	China	ERR579067		Didelot et al. PLoS Genet 2015
T21-CDC	1990	Thailand	ERR576970		Didelot et al. PLoS Genet 2015
CNRVC910040	1991	Cambodia	ERR1879548		Weill et al. Science 2017
A390	1987	Bangladesh	ERR018177		Mutreja et al. Nature 2011
PRL5	1980	India	ERR018189		Mutreja et al. Nature 2011
CNRVC930174	1981	Sri Lanka	ERR1879571		Weill et al. Science 2017
THSTI_V108	1990	India	ERR1880837		Weill et al. Science 2017
THSTI_V12	1989	India	ERR1880838		Weill et al. Science 2017
THSTI_V149	1990	India	ERR1880839		Weill et al. Science 2017
MO10	1992	India		AAKF03000000	Chun et al. Proc Natl Acad Sci USA 2009
A383	2002	Bangladesh	ERR018121		Mutreja et al. Nature 2011
A330	1993	India	ERR018119		Mutreja et al. Nature 2011
2848-CDC	1988	China	ERR579061		Didelot et al. PLoS Genet 2015
CNRVC150222	1987	Romania	ERR1879431		Weill et al. Science 2017
CNRVC150133	1990	Russian Federation	ERR1878615		Weill et al. Science 2017
CNRVC150134	1990	Russian Federation	ERR1878616		Weill et al. Science 2017
CNRVC150224	1990	Romania	ERR1879433		Weill et al. Science 2017
CNRVC910416	1991	Kurdistan	ERR1879550		Weill et al. Science 2017
CNRVC910164	1991	Turkey	ERR1879549		Weill et al. Science 2017
F1393	1993	Djibouti	ERR1879652		Weill et al. Science 2017
CNRVC930301	1993	Djibouti	ERR1879572		Weill et al. Science 2017
CNRVC960142	1996	Sudan	ERR1879595		Weill et al. Science 2017
CNRVC960276	1996	Sudan	ERR1879600		Weill et al. Science 2017
CNRVC010018	1994	Djibouti	ERR976599		Weill et al. Science 2017
CNRVC010017	1994	Djibouti	ERR976598		Weill et al. Science 2017
CNRVC940066	1994	Somalia	ERR1879575		Weill et al. Science 2017
CNRVC010015	1994	Djibouti	ERR976597		Weill et al. Science 2017
CNRVC150211	1998	Kenya	ERR1879385		Weill et al. Science 2017
CNRVC150252	1998	Kenya	ERR1879544		Weill et al. Science 2017
CNRVC150251	1998	Kenya	ERR1879543		Weill et al. Science 2017
CNRVC970175	1997	Djibouti	ERR976549		Weill et al. Science 2017
CNRVC150213	1998	Ethiopia	ERR1879387		Weill et al. Science 2017
CNRVC150254	1998	Ethiopia	ERR1879545		Weill et al. Science 2017
CNRVC970177	1997	Djibouti	ERR976551		Weill et al. Science 2017
CNRVC980158	1997	Djibouti	ERR976565		Weill et al. Science 2017
CNRVC970053	1997	Somalia	ERR998732		Weill et al. Science 2017
CNRVC990002	1999	Somalia	ERR976583		Weill et al. Science 2017
CNRVC030392	2003	Somalia	ERR1878095		Weill et al. Science 2017

CNRVC030391	2003	Somalia	ERR1878094	Weill et al. Science 2017
CNRVC010046	2000	Djibouti	ERR1877649	Weill et al. Science 2017
CNRVC010048	2000	Djibouti	ERR1877938	Weill et al. Science 2017
A109	1990	Unknown	ERR018147	Mutreja et al. Nature 2011
1575-CDC	1990	China	ERR579082	Didelot et al. PLoS Genet 2015
1583-CDC	1991	China	ERR579081	Didelot et al. PLoS Genet 2015
1593-CDC	1992	China	ERR579080	Didelot et al. PLoS Genet 2015
CNRVC920172	1987	Algeria	ERR976395	Weill et al. Science 2017
CNRVC930172	1986	Algeria	ERR976412	Weill et al. Science 2017
CNRVC970008	1990	Algeria	ERR976476	Weill et al. Science 2017
CNRVC930169	1986	Algeria	ERR976409	Weill et al. Science 2017
CNRVC910347	1991	Morocco	ERR976517	Weill et al. Science 2017
CNRVC910349	1991	Morocco	ERR976518	Weill et al. Science 2017
6_92	1992	Algeria	ERR163243	Domman et al. Science 2017
CNRVC940137	1994	Morocco	ERR976541	Weill et al. Science 2017
21_92	1992	Algeria	ERR7135496	Benamrouche et al. Emerg Infect Dis 2022
2_92	1992	Algeria	ERR7135490	Weill et al. Science 2017
CNRVC930255	1993	Morocco	ERR976527	Weill et al. Science 2017
CNRVC910386	1991	Morocco	ERR976520	Weill et al. Science 2017
CNRVC940180	1994	Morocco	ERR998661	Weill et al. Science 2017
CNRVC940179	1994	Morocco	ERR998660	Weill et al. Science 2017
CNRVC980038	1986	Sierra Leone	ERR976477	Weill et al. Science 2017
CNRVC910036	1991	Benin	ERR976513	Weill et al. Science 2017
CNRVC900108	1990	Guinea	ERR1879546	Weill et al. Science 2017
CNRVC940162	1994	Liberia	ERR976546	Weill et al. Science 2017
CNRVC940147	1994	Liberia	ERR976545	Weill et al. Science 2017
CNRVC940030	1993	Cote d'Ivoire	ERR976534	Weill et al. Science 2017
CNRVC940035	1993	Cote d'Ivoire	ERR976536	Weill et al. Science 2017
CNRVC910375	1991	Cote d'Ivoire	ERR976519	Weill et al. Science 2017
CNRVC950702	1995	Burkina Faso	ERR998672	Weill et al. Science 2017
CNRVC950700	1995	Burkina Faso	ERR998671	Weill et al. Science 2017
CNRVC980421	1998	Cote d'Ivoire	ERR976582	Weill et al. Science 2017
CNRVC980420	1998	Cote d'Ivoire	ERR976581	Weill et al. Science 2017
CNRVC910266	1991	Benin	ERR976514	Weill et al. Science 2017
CNRVC910267	1991	Benin	ERR976515	Weill et al. Science 2017
CNRVC910279	1991	Niger	ERR976516	Weill et al. Science 2017
CNRVC950011	1995	Cameroon	ERR998666	Weill et al. Science 2017
CNRVC940184	1994	Chad	ERR998662	Weill et al. Science 2017
CNRVC940163	1994	Chad	ERR998656	Weill et al. Science 2017
CNRVC980418	1998	Sierra Leone	ERR976580	Weill et al. Science 2017
CNRVC940034	1994	Cote d'Ivoire	ERR976535	Weill et al. Science 2017
CNRVC970036	1997	Cameroon	ERR998731	Weill et al. Science 2017
CNRVC970022	1997	Cameroon	ERR998727	Weill et al. Science 2017
CNRVC970024	1997	Cameroon	ERR998728	Weill et al. Science 2017
CNRVC980323	1998	Cameroon	ERR976568	Weill et al. Science 2017
CNRVC980328	1998	Cameroon	ERR976570	Weill et al. Science 2017
CNRVC980061	1998	Cameroon	ERR976562	Weill et al. Science 2017
CNRVC980060	1998	Cameroon	ERR976561	Weill et al. Science 2017
CNRVC990329	1999	Cameroon	ERR1879650	Weill et al. Science 2017
CNRVC940190	1994	Niger	ERR998663	Weill et al. Science 2017
CNRVC970027	1997	DRC	ERR998729	Weill et al. Science 2017
CNRVC970028	1997	DRC	ERR998730	Weill et al. Science 2017
CNRVC970135	1997	DRC	ERR998746	Weill et al. Science 2017
CNRVC970113	1997	DRC	ERR998741	Weill et al. Science 2017
CNRVC990256	1999	Republic of the Congo	ERR1879647	Weill et al. Science 2017
CNRVC980034	1998	Republic of the Congo	ERR976560	Weill et al. Science 2017
CNRVC980030	1998	Republic of the Congo	ERR976559	Weill et al. Science 2017
CNRVC970170	1997	Gabon	ERR976547	Weill et al. Science 2017
CNRVC960118	1996	DRC	ERR998694	Weill et al. Science 2017
CNRVC960218	1996	DRC	ERR998698	Weill et al. Science 2017
CNRVC960127	1996	DRC	ERR998697	Weill et al. Science 2017

CNRVC960124	1996	DRC	ERR998696		Weill et al. Science 2017
CNRVC970075	1997	Central African Republic	ERR998735		Weill et al. Science 2017
CNRVC970141	1997	Central African Republic	ERR998747		Weill et al. Science 2017
CNRVC970143	1997	Central African Republic	ERR998748		Weill et al. Science 2017
CNRVC970126	1997	Central African Republic	ERR998744		Weill et al. Science 2017
CNRVC970079	1997	Central African Republic	ERR998736		Weill et al. Science 2017
CNRVC970108	1997	Central African Republic	ERR998737		Weill et al. Science 2017
CNRVC970109	1997	Central African Republic	ERR998738		Weill et al. Science 2017
CNRVC970127	1997	Central African Republic	ERR998745		Weill et al. Science 2017
VCS1	1992	India	ERR018124		Mutreja et al. Nature 2011
4670	1991	Bangladesh	ERR019883		Mutreja et al. Nature 2011
MJ1485	1994	Bangladesh	ERR018120		Mutreja et al. Nature 2011
MJ1236	1994	Bangladesh		CP001485/CP001486	Chun et al. Proc Natl Acad Sci USA 2009
MAB039	2012	Bangladesh	DRR335723		Monir et al. Microbiol Spectr 2022
MAB035	2012	Bangladesh	DRR335720		Monir et al. Microbiol Spectr 2022
MAB037	2012	Bangladesh	DRR335721		Monir et al. Microbiol Spectr 2022
A346_2	1994	Bangladesh	ERR018179		Mutreja et al. Nature 2011
CNRVC150223	1993	Lebanon	ERR1879432		Weill et al. Science 2017
CNRVC150215	1993	Lebanon	ERR1879389		Weill et al. Science 2017
CNRVC150230	1994	Italy	ERR1879438		Weill et al. Science 2017
CNRVC940149	1994	Albania	ERR1879577		Weill et al. Science 2017
RKI-ZBS2-CH218	1994	Turkey	ERR1880794		Weill et al. Science 2017
Gaz11	1994	Palestine	ERR042733		Weill et al. Science 2017
Gaz2	1994	Palestine	ERR042729		Weill et al. Science 2017
CNRVC150219	1994	Romania	ERR1879393		Weill et al. Science 2017
Gaz21	1994	Palestine	ERR042738		Weill et al. Science 2017
CNRVC070154	1994	Algeria	ERR1878560		Weill et al. Science 2017
CNRVC070120	1994	Algeria	ERR1878555		Weill et al. Science 2017
CNRVC950798	1995	Iraq	ERR1879593		Weill et al. Science 2017
CNRVC950800	1995	Iraq	ERR1879594		Weill et al. Science 2017
CNRVC950792	1995	Iraq	ERR1879588		Weill et al. Science 2017
CNRVC030438	2003	Iraq	ERR1878096		Weill et al. Science 2017
F5149	1997	Mozambique	ERR1880763		Weill et al. Science 2017
NICD_15070	2001	Republic of South Africa	ERR1880780		Weill et al. Science 2017
NICD_14794	2001	Republic of South Africa	ERR1880779		Weill et al. Science 2017
NICD_16230	2001	Republic of South Africa	ERR1880785		Weill et al. Science 2017
NICD_14191	2001	Republic of South Africa	ERR1880778		Weill et al. Science 2017
NICD_4076	2001	Republic of South Africa	ERR1880790		Weill et al. Science 2017
NICD_1405	2001	Republic of South Africa	ERR1880777		Weill et al. Science 2017
NICD_1242	2001	Republic of South Africa	ERR1880775		Weill et al. Science 2017
NICD_1264	2001	Republic of South Africa	ERR1880776		Weill et al. Science 2017
NICD_1241	2001	Republic of South Africa	ERR1880774		Weill et al. Science 2017
NICD_15104	2001	Republic of South Africa	ERR1880781		Weill et al. Science 2017
NICD_16879	2001	Republic of South Africa	ERR1880788		Weill et al. Science 2017
NICD_273	1998	Republic of South Africa	ERR1880789		Weill et al. Science 2017
F8479	2002	Republic of South Africa	ERR1880769		Weill et al. Science 2017
F8478	2002	Republic of South Africa	ERR1880768		Weill et al. Science 2017
CNRVC990019	1999	Mozambique	ERR976585		Weill et al. Science 2017
CNRVC990038	1999	Mozambique	ERR976586		Weill et al. Science 2017
CNRVC990039	1999	Mozambique	ERR976587		Weill et al. Science 2017
NICD_15907	2001	Republic of South Africa	ERR1880782		Weill et al. Science 2017
NICD_16744	2001	Republic of South Africa	ERR1877613		Weill et al. Science 2017
NICD_16756	2001	Republic of South Africa	ERR1880787		Weill et al. Science 2017
NICD_16211	2001	Republic of South Africa	ERR1880784		Weill et al. Science 2017
NICD_15959	2001	Republic of South Africa	ERR1880783		Weill et al. Science 2017
Zim_27	2009	Zimbabwe	ERR044800		Weill et al. Science 2017
Zim_25	2009	Zimbabwe	ERR044799		Weill et al. Science 2017
B_64	2004	Mozambique	ERR044797		Weill et al. Science 2017
B33	2004	Mozambique		ACHZ00000000	Chun et al. Proc Natl Acad Sci USA 2009
1346	2005	Mozambique	ERR025356		Mutreja et al. Nature 2011
1627	2005	Mozambique	ERR025377		Mutreja et al. Nature 2011

1362	2005	Mozambique	ERR025367		Mutreja et al. Nature 2011
CNRVC930003	1992	India	ERR1879553		Weill et al. Science 2017
THSTI_V157	1991	India	ERR1880841		Weill et al. Science 2017
THSTI_V156	1991	India	ERR1880840		Weill et al. Science 2017
V212-1	1991	India	ERR018125		Mutreja et al. Nature 2011
116072	1991	Mexico	ERR044779		Domman et al. Science 2017
33297_1993	1993	Mexico	ERR163240		Domman et al. Science 2017
54267_1994	1994	Mexico	ERR163241		Domman et al. Science 2017
54328_1994	1994	Mexico	ERR163242		Domman et al. Science 2017
82	1998	Mexico	ERR108516		Domman et al. Science 2017
87662	1993	Mexico	ERR044786		Domman et al. Science 2017
87667	1993	Mexico	ERR044785		Domman et al. Science 2017
116075	1992	Mexico	ERR044783		Domman et al. Science 2017
Mex6	1992	Mexico	ERR042754		Domman et al. Science 2017
54	1999	Mexico	ERR108518		Domman et al. Science 2017
85	2000	Mexico	ERR108522		Domman et al. Science 2017
60452_1995	1995	Mexico	ERR163244		Domman et al. Science 2017
60483_1995	1995	Mexico	ERR576983		Didelot et al. PLoS Genet 2015
116073	1991	Mexico	ERR044781		Domman et al. Science 2017
95430	1997	Mexico	ERR044791		Domman et al. Science 2017
838	1999	Mexico	ERR108517		Domman et al. Science 2017
CNRVC150220	1992	Pakistan	ERR1879429		Weill et al. Science 2017
CNR+B545+B520	1991	Romania	ERR1879430		Weill et al. Science 2017
CNRVC940047	1991	Romania	ERR1879574		Weill et al. Science 2017
4070-CDC	1994	China	ERR576985		Didelot et al. PLoS Genet 2015
2657-CDC	1995	China	ERR579068		Didelot et al. PLoS Genet 2015
956-CDC	2001	China	ERR576975		Didelot et al. PLoS Genet 2015
SC2000-CDC	2000	China	ERR579091		Didelot et al. PLoS Genet 2015
SC1998_242-1-CDC	1998	China	ERR579092		Didelot et al. PLoS Genet 2015
4672	2000	Bangladesh	ERR019884		Mutreja et al. Nature 2011
143-CDC	2001	China	ERR579086		Didelot et al. PLoS Genet 2015
SC1998_098-1-CDC	1998	China	ERR579114		Didelot et al. PLoS Genet 2015
1627-CDC	1997	China	ERR579078		Didelot et al. PLoS Genet 2015
CNRVC990209	1999	Laos	ERR1879645		Weill et al. Science 2017
1909-CDC	1998	China	ERR579077		Didelot et al. PLoS Genet 2015
936-CDC	1998	China	ERR576976		Didelot et al. PLoS Genet 2015
CNRVC990194	1999	Cambodia	ERR1879644		Weill et al. Science 2017
4210-CDC	1999	China	ERR576984		Didelot et al. PLoS Genet 2015
1944-CDC	2000	China	ERR579076		Didelot et al. PLoS Genet 2015
JX1998-1306-1-CDC	1998	China	ERR579093		Didelot et al. PLoS Genet 2015
1605-CDC	1993	China	ERR579079		Didelot et al. PLoS Genet 2015
2605-CDC	1998	China	ERR579069		Didelot et al. PLoS Genet 2015
No2022-3	2023	Philippines	ERS16984340		Rouard et al. Euro Surveill 2024
H223920552	2023	Unknown	SRR25431052		Rouard et al. Euro Surveill 2024
PhVE5	2011	Philippines		AWWE01	Klinzing et al. mBio 2015
PhVC311	2011	Philippines		AWWD01	Klinzing et al. mBio 2015
PhVC326	2011	Philippines		AWWF01	Klinzing et al. mBio 2015
KorC3	2016	Korea		UWOW01	Ha et al. Front Public Health 2019
KorC2	2016	Korea		UWOZ01	Ha et al. Front Public Health 2019
KorC1	2016	Korea		UWOX01	Ha et al. Front Public Health 2019
KorE1	2016	Korea		UWOY01	Ha et al. Front Public Health 2019
4039-CDC	1993	China	ERR576986		Didelot et al. PLoS Genet 2015
200106-CDC	2001	China	ERR579313		Katz et al. mBio 2013
CNRVC150239	1993	Cambodia	ERR1879538		Weill et al. Science 2017
93284-CDC	1993	China	ERR576977		Didelot et al. PLoS Genet 2015
129-CDC	1994	China	ERR579311		Didelot et al. PLoS Genet 2015
1525-CDC	1994	China	ERR579986		Didelot et al. PLoS Genet 2015
2530-CDC	1996	China	ERR579073		Didelot et al. PLoS Genet 2015
CNRVC930155	1993	Thailand	ERR1879570		Weill et al. Science 2017
CNRVC010100	2001	Indonesia	ERR1877943		Weill et al. Science 2017
Mdg2	2010	Papua New Guinea	SRR6950904		Greenhill et al. Microb Genom 2019

Lae1	2010	Papua New Guinea	SRR6950905	Greenhill et al. Microb Genom 2019
9-CDC	2001	China	ERR579309	Didelot et al. PLoS Genet 2015
V011506-CDC	2001	China	ERR576951	Didelot et al. PLoS Genet 2015
4111	2002	Vietnam	ERR019880	Mutreja et al. Nature 2011
4113	2003	Vietnam	ERR025364	Mutreja et al. Nature 2011
147-CDC	2002	China	ERR579085	Didelot et al. PLoS Genet 2015
4110	1995	Vietnam	ERR019879	Mutreja et al. Nature 2011
4121	2004	Vietnam	ERR025362	Mutreja et al. Nature 2011
A130	1989	India	ERR018154	Mutreja et al. Nature 2011
A131	1989	India	ERR018153	Mutreja et al. Nature 2011
THSTI_V8	1989	India	ERR1880842	Weill et al. Science 2017
MG116226	1991	Bangladesh	ERR025396	Mutreja et al. Nature 2011
MG116025	1991	Bangladesh	ERR018122	Mutreja et al. Nature 2011
V5	1989	India	ERR018127	Mutreja et al. Nature 2011
V109	1990	India	ERR018126	Mutreja et al. Nature 2011
THSTI_VC63	1992	India	ERR1880844	Weill et al. Science 2017
CNRVC940135	1994	Nepal	ERR1879576	Weill et al. Science 2017
THSTI_CO327	1993	India	ERR1880804	Weill et al. Science 2017
THSTI_CO368	1993	India	ERR1880805	Weill et al. Science 2017
CNRVC940103	1994	Guinea	ERR976537	Weill et al. Science 2017
CNRVC950712	1995	Sierra Leone	ERR998675	Weill et al. Science 2017
CNRVC940164	1994	Liberia	ERR998657	Weill et al. Science 2017
RKI-ZBS2-CH234	1994	Turkey	ERR1880795	Weill et al. Science 2017
CNRVC950699	1995	Guinea	ERR998670	Weill et al. Science 2017
CNRVC950724	1995	Guinea	ERR998677	Weill et al. Science 2017
CNRVC950758	1995	Cote d'Ivoire	ERR998685	Weill et al. Science 2017
CNRVC940128	1994	Guinea	ERR976539	Weill et al. Science 2017
CNRVC140133	1994-	Guinea Bissau	ERR976504	Weill et al. Science 2017
CNRVC940109	1994	Guinea	ERR976538	Weill et al. Science 2017
CNRVC940141	1994	Guinea	ERR976542	Weill et al. Science 2017
CNRVC960272	1996	Senegal	ERR998710	Weill et al. Science 2017
CNRVC950723	1995	Guinea	ERR998676	Weill et al. Science 2017
CNRVC950730	1995	Liberia	ERR998679	Weill et al. Science 2017
CNRVC950753	1995	Cote d'Ivoire	ERR998682	Weill et al. Science 2017
CNRVC960263	1996	Mauritania	ERR1879599	Weill et al. Science 2017
CNRVC960031	1996	Senegal	ERR998693	Weill et al. Science 2017
CNRVC960122	1996	Senegal	ERR998695	Weill et al. Science 2017
CNRVC150226	1994	Senegal	ERR1879434	Weill et al. Science 2017
CNRVC960023	1996	Senegal	ERR998691	Weill et al. Science 2017
CNRVC960018	1996	Senegal	ERR998690	Weill et al. Science 2017
CNRVC960260	1996	Mauritania	ERR1879598	Weill et al. Science 2017
CNRVC070123	1997	Algeria	ERR7139725	Benamrouche et al. Emerg Infect Dis 2022
CNRVC070162	1997	Algeria	ERR7139726	Benamrouche et al. Emerg Infect Dis 2022
F5144	1997	Guinea Bissau	ERR1880762	Weill et al. Science 2017
CNRVC960324	1996	Senegal	ERR998719	Weill et al. Science 2017
CNRVC960318	1996	Senegal	ERR998717	Weill et al. Science 2017
CNRVC960327	1996	Senegal	ERR998720	Weill et al. Science 2017
CNRVC960321	1996	Senegal	ERR998718	Weill et al. Science 2017
CNRVC940142	1994	Liberia	ERR976543	Weill et al. Science 2017
CNRVC950728	1995	Liberia	ERR998678	Weill et al. Science 2017
CNRVC940165	1994	Liberia	ERR998658	Weill et al. Science 2017
CNRVC950756	1995	Cote d'Ivoire	ERR998684	Weill et al. Science 2017
CNRVC960223	1996	Liberia	ERR998699	Weill et al. Science 2017
CNRVC010042	2001	Cote d'Ivoire	ERR1877647	Weill et al. Science 2017
CNRVC010038	2001	Cote d'Ivoire	ERR1877646	Weill et al. Science 2017
CNRVC030567	2003	Cote d'Ivoire	ERR1878102	Weill et al. Science 2017
CNRVC030485	2003	Cote d'Ivoire	ERR1878100	Weill et al. Science 2017
CNRVC020404	2002	Cote d'Ivoire	ERR1878089	Weill et al. Science 2017
CNRVC980367	1998	Guinea	ERR976574	Weill et al. Science 2017
CNRVC030477	2003	Liberia	ERR1878099	Weill et al. Science 2017
CNRVC030475	2003	Liberia	ERR1878098	Weill et al. Science 2017

CNRVC020062	2002	Liberia	ERR1877954	Weill et al. Science 2017
CNRVC020393	2002	Liberia	ERR1878088	Weill et al. Science 2017
CNRVC080496	2006	Cote d'Ivoire	ERR1878571	Weill et al. Science 2017
L237	2012	Guinea	ERR386704	Weill et al. Science 2017
L211	2012	Guinea	ERR386666	Weill et al. Science 2017
L233	2012	Guinea	ERR386658	Weill et al. Science 2017
CNRVC120195	2012	Guinea Bissau	ERR1878605	Weill et al. Science 2017
CNRVC120194	2012	Guinea Bissau	ERR1878604	Weill et al. Science 2017
K6975	2008	Guinea Bissau	ERR1880772	Weill et al. Science 2017
K6979	2008	Guinea Bissau	ERR1880773	Weill et al. Science 2017
CNRVC040206	2004	Guinea	ERR1878112	Weill et al. Science 2017
CNRVC060009	2006	Mali	ERR1878149	Weill et al. Science 2017
CNRVC070124	2005	Mauritania	ERR1878556	Weill et al. Science 2017
CNRVC070142	2006	Mauritania	ERR1878558	Weill et al. Science 2017
CNRVC040257	2004	Sierra Leone	ERR1878115	Weill et al. Science 2017
CNRVC040303	2004	Senegal	ERR1878117	Weill et al. Science 2017
CNRVC060010	2005	Mali	ERR1878150	Weill et al. Science 2017
CNRVC040314	2004	Senegal	ERR1878127	Weill et al. Science 2017
CNRVC040203	2004	Sierra Leone	ERR1878111	Weill et al. Science 2017
CNRVC070144	2005	Mauritania	ERR1878559	Weill et al. Science 2017
CNRVC070136	2006	Mauritania	ERR1878557	Weill et al. Science 2017
CNRVC960250	1996	Mali	ERR998704	Weill et al. Science 2017
CNRVC950708	1995	Mali	ERR998674	Weill et al. Science 2017
CNRVC950707	1995	Mali	ERR998673	Weill et al. Science 2017
CNRVC950755	1995	Cote d'Ivoire	ERR998683	Weill et al. Science 2017
CNRVC950806	1995	Burkina Faso	ERR998688	Weill et al. Science 2017
CNRVC950801	1995	Burkina Faso	ERR998687	Weill et al. Science 2017
CNRVC950759	1995	Niger	ERR998686	Weill et al. Science 2017
CNRVC970152	1997	Benin	ERR998750	Weill et al. Science 2017
CNRVC970147	1997	Benin	ERR998749	Weill et al. Science 2017
CNRVC960003	1996	Niger	ERR998689	Weill et al. Science 2017
CNRVC970019	1997	Cameroon	ERR998726	Weill et al. Science 2017
CNRVC970125	1997	Central African Republic	ERR998743	Weill et al. Science 2017
CNRVC980021	1997	Cameroon	ERR976554	Weill et al. Science 2017
CNRVC970123	1997	Central African Republic	ERR998742	Weill et al. Science 2017
CNRVC980022	1997	Cameroon	ERR976555	Weill et al. Science 2017
CNRVC970110	1997	Central African Republic	ERR998739	Weill et al. Science 2017
CNRVC970112	1997	Central African Republic	ERR998740	Weill et al. Science 2017
CNRVC960243	1996	Chad	ERR998702	Weill et al. Science 2017
F4169	1997	Nigeria	ERR1879656	Weill et al. Science 2017
CNRVC970014	1997	Cameroon	ERR998725	Weill et al. Science 2017
CNRVC960246	1996	Cameroon	ERR998703	Weill et al. Science 2017
CNRVC960293	1996	Cameroon	ERR998712	Weill et al. Science 2017
CNRVC980395	1998	Cameroon	ERR976576	Weill et al. Science 2017
CNRVC980397	1998	Cameroon	ERR976578	Weill et al. Science 2017
CNRVC980374	1998	Chad	ERR1879638	Weill et al. Science 2017
CNRVC980396	1998	Cameroon	ERR976577	Weill et al. Science 2017
CNRVC980398	1998	Cameroon	ERR976579	Weill et al. Science 2017
CNRVC960265	1996	Chad	ERR998708	Weill et al. Science 2017
CNRVC960273	1996	Chad	ERR998711	Weill et al. Science 2017
CNRVC960228	1996	Chad	ERR998700	Weill et al. Science 2017
CNRVC960234	1996	Chad	ERR998701	Weill et al. Science 2017
CNRVC960028	1996	Nigeria	ERR998692	Weill et al. Science 2017
CNRVC960254	1996	Nigeria	ERR998706	Weill et al. Science 2017
CNRVC960271	1996	Nigeria	ERR998709	Weill et al. Science 2017
CNRVC960258	1996	Nigeria	ERR998707	Weill et al. Science 2017
CNRVC960252	1996	Nigeria	ERR998705	Weill et al. Science 2017
CNRVC980359	1998	Burkina Faso	ERR976572	Weill et al. Science 2017
CNRVC980360	1998	Burkina Faso	ERR976573	Weill et al. Science 2017
CNRVC000005	1999	Niger	ERR1877637	Weill et al. Science 2017
CNRVC000323	2000	Cameroon	ERR1877643	Weill et al. Science 2017

CNRVC010023	2000	Cameroon	ERR1877645	Weill et al. Science 2017
CNRVC990234	1999	Burkina Faso	ERR1879646	Weill et al. Science 2017
CNRVC010108	2001	Togo	ERR1877944	Weill et al. Science 2017
CNRVC010206	2001	Burkina Faso	ERR1877949	Weill et al. Science 2017
CNRVC010205	2001	Burkina Faso	ERR1877948	Weill et al. Science 2017
CNRVC040210	2004	Niger	ERR1878114	Weill et al. Science 2017
CNRVC050334	2005	Nigeria	ERR1878147	Weill et al. Science 2017
CNRVC050323	2005	Nigeria	ERR1878146	Weill et al. Science 2017
CNRVC010221	2001	Cameroon	ERR1877950	Weill et al. Science 2017
CNRVC010123	2001	Chad	ERR1877946	Weill et al. Science 2017
CNRVC010203	2001	Chad	ERR1877947	Weill et al. Science 2017
CNRVC010120	2001	Chad	ERR1877945	Weill et al. Science 2017
CNRVC040074	2001	Cameroon	ERR1878106	Weill et al. Science 2017
CNRVC050008	2005	Cameroon	ERR1878128	Weill et al. Science 2017
CNRVC040110	2004	Cameroon	ERR1878108	Weill et al. Science 2017
CNRVC050011	2005	Cameroon	ERR1878129	Weill et al. Science 2017
CNRVC040082	2002	Cameroon	ERR1878107	Weill et al. Science 2017
CNRVC040061	2004	Cameroon	ERR1878105	Weill et al. Science 2017
CNRVC080764	2008	Cameroon	ERR1878574	Weill et al. Science 2017
CNRVC060111	2006	Cameroon	ERR1878152	Weill et al. Science 2017
CNRVC080762	2008	Cameroon	ERR1878573	Weill et al. Science 2017
CNRVC050073	2005	Equatorial Guinea	ERR1878131	Weill et al. Science 2017
CNRVC050060	2005	Equatorial Guinea	ERR1878130	Weill et al. Science 2017
CNRVC070012	2007	Republic of the Congo	ERR1878550	Weill et al. Science 2017
CNRVC070011	2007	Republic of the Congo	ERR1878549	Weill et al. Science 2017
CNRVC030084	2003	Benin	ERR1878092	Weill et al. Science 2017
CNRVC020367	2002	Benin	ERR1877957	Weill et al. Science 2017
CNRVC020361	2002	Benin	ERR1877956	Weill et al. Science 2017
CNRVC030082	2003	Benin	ERR1878091	Weill et al. Science 2017
CNRVC040127	2004	Benin	ERR1878109	Weill et al. Science 2017
CNRVC040209	2004	Niger	ERR1878113	Weill et al. Science 2017
K0108	2003	Mali	ERR1880771	Weill et al. Science 2017
K0107	2003	Mali	ERR1880770	Weill et al. Science 2017
CNRVC040132	2004	Benin	ERR1878110	Weill et al. Science 2017
CNRVC060273	2006	Niger	ERR1878545	Weill et al. Science 2017
CNRVC070164	2007	Benin	ERR1878561	Weill et al. Science 2017
CNRVC080497	2006	Cote d'Ivoire	ERR1878572	Weill et al. Science 2017
CNRVC050139	2005	Benin	ERR1878133	Weill et al. Science 2017
CNRVC050140	2005	Benin	ERR1878134	Weill et al. Science 2017
CNRVC070334	2005	Burkina Faso	ERR1878563	Weill et al. Science 2017
CNRVC070316	2005	Burkina Faso	ERR1878562	Weill et al. Science 2017
CNRVC060272	2006	Niger	ERR1878544	Weill et al. Science 2017
CNRVC060279	2006	Nigeria	ERR1878546	Weill et al. Science 2017
CNRVC060280	2006	Nigeria	ERR1878547	Weill et al. Science 2017
CNRVC080124	2008	Niger	ERR1878566	Weill et al. Science 2017
CNRVC080122	2008	Niger	ERR1878565	Weill et al. Science 2017
CNRVC100183	2010	Benin	ERR1878587	Weill et al. Science 2017
712-11	2011	Ghana	ERR1024518	Weill et al. Science 2017
CNRVC100176	2010	Benin	ERR1878586	Weill et al. Science 2017
L387	2010	Togo	ERR572571	Weill et al. Science 2017
L388	2010	Togo	ERR572572	Weill et al. Science 2017
L400	2011	Togo	ERR572840	Weill et al. Science 2017
L390	2010	Togo	ERR572574	Weill et al. Science 2017
L399	2011	Togo	ERR572582	Weill et al. Science 2017
THSTI_D31153	1998	India	ERR1880812	Weill et al. Science 2017
THSTI_AM305	1997	India	ERR1880801	Weill et al. Science 2017
F5333	1998	Tanzania	ERR1880767	Weill et al. Science 2017
F5332	1998	Tanzania	ERR1880766	Weill et al. Science 2017
CNRVC150243	1998	Kenya	ERR1879540	Weill et al. Science 2017
CNRVC980194	1998	Rwanda	ERR976566	Weill et al. Science 2017
CNRVC980195	1998	Rwanda	ERR976567	Weill et al. Science 2017

CNRVC990015	1999	Uganda	ERR976584	Weill et al. Science 2017
CNRVC000044	2000	Uganda	ERR1877639	Weill et al. Science 2017
CNRVC000043	2000	Uganda	ERR1877638	Weill et al. Science 2017
CNRVC980080	1998	Tanzania	ERR976563	Weill et al. Science 2017
CNRVC980081	1998	Tanzania	ERR976564	Weill et al. Science 2017
CNRVC980029	1998	Comoros	ERR976558	Weill et al. Science 2017
CNRVC980026	1998	Comoros	ERR976557	Weill et al. Science 2017
CNRVC980023	1998	Comoros	ERR976556	Weill et al. Science 2017
CNRVC000064	2000	Madagascar	ERR976595	Weill et al. Science 2017
CNRVC000065	2000	Madagascar	ERR976596	Weill et al. Science 2017
CNRVC010055	2001	Madagascar	ERR1877940	Weill et al. Science 2017
CNRVC010051	2000	Madagascar	ERR1877939	Weill et al. Science 2017
CNRVC010008	2001	Comoros	ERR1877644	Weill et al. Science 2017
CNRVC990078	1999	Madagascar	ERR976588	Weill et al. Science 2017
CNRVC010045	2001	Comoros	ERR1877648	Weill et al. Science 2017
CNRVC000056	1999	Madagascar	ERR976590	Weill et al. Science 2017
CNRVC000055	1999	Madagascar	ERR976589	Weill et al. Science 2017
CNRVC000085	2000	Comoros	ERR1877640	Weill et al. Science 2017
CNRVC000062	2000	Madagascar	ERR976594	Weill et al. Science 2017
CNRVC000059	2000	Madagascar	ERR976592	Weill et al. Science 2017
CNRVC000058	2000	Madagascar	ERR976591	Weill et al. Science 2017
CNRVC000060	2000	Madagascar	ERR976593	Weill et al. Science 2017
CNRVC980384	1998	Sudan	ERR976575	Weill et al. Science 2017
CNRVC980356	1998	Sudan	ERR976571	Weill et al. Science 2017
CNRVC150240	1998	Kenya	ERR1879539	Weill et al. Science 2017
CNRVC150212	1998	Tanzania	ERR1879386	Weill et al. Science 2017
CNRVC020003	2002	Comoros	ERR1877953	Weill et al. Science 2017
CNRVC030593	2003	Comoros	ERR1878103	Weill et al. Science 2017
CNRVC030594	2003	Comoros	ERR1878104	Weill et al. Science 2017
6197	2007	Kenya	ERR019292	Mutreja et al. Nature 2011
6194	2007	Kenya	ERR019295	Mutreja et al. Nature 2011
6201	2007	Kenya	ERR019291	Mutreja et al. Nature 2011
6191	2005	Kenya	ERR019288	Mutreja et al. Nature 2011
6193	2005	Kenya	ERR019296	Mutreja et al. Nature 2011
6212	2007	Kenya	ERR019289	Mutreja et al. Nature 2011
6214	2007	Kenya	ERR019287	Mutreja et al. Nature 2011
6210	2007	Kenya	ERR019290	Mutreja et al. Nature 2011
6215	2005	Kenya	ERR019297	Mutreja et al. Nature 2011
KNC151	2010	Kenya	ERR117573	Kiiru et al. Plos One 2013
KNC147	2010	Kenya	ERR117588	Kiiru et al. Plos One 2013
KNC145	2010	Kenya	ERR117571	Kiiru et al. Plos One 2013
Tanz_58	2011	Tanzania	ERS2318704	Kachwamba et al. BMC Infect Dis 2017
Tanz_56	2012	Tanzania	ERS2318703	Kachwamba et al. BMC Infect Dis 2017
KNC1888	2007	Kenya	ERR117593	Kiiru et al. Plos One 2013
VE3	2010	Kenya	ERR037741	Kiiru et al. Plos One 2013
KNC155	2010	Kenya	ERR117597	Kiiru et al. Plos One 2013
KNC8885	2010	Kenya	ERR117595	Kiiru et al. Plos One 2013
KNC158	2010	Kenya	ERR117583	Kiiru et al. Plos One 2013
KNC157	2009	Kenya	ERR117592	Kiiru et al. Plos One 2013
KNC156	2009	Kenya	ERR117594	Kiiru et al. Plos One 2013
VE2	2010	Kenya	ERR037739	Kiiru et al. Plos One 2013
KNEXXH	2009	Kenya	ERR117556	Kiiru et al. Plos One 2013
KNEXC	2009	Kenya	ERR117555	Kiiru et al. Plos One 2013
VE1	2010	Kenya	ERR037738	Kiiru et al. Plos One 2013
KNC8880	2010	Kenya	ERR117578	Kiiru et al. Plos One 2013
KNC8889	2010	Kenya	ERR117581	Kiiru et al. Plos One 2013
CNRVC980005	1998	Uganda	ERR976553	Weill et al. Science 2017
CNRVC980004	1998	Uganda	ERR976552	Weill et al. Science 2017
CNRVC000209	2000	Rwanda	ERR1877641	Weill et al. Science 2017
CNRVC000212	2000	Rwanda	ERR1877642	Weill et al. Science 2017
CNRVC030469	2003	DRC	ERR1878097	Weill et al. Science 2017

CNRVC030032	2003	DRC	ERR1878090	Weill et al. Science 2017
CNRVC050077	2005	DRC	ERR1878132	Weill et al. Science 2017
CNRVC040299	2004	DRC	ERR1878116	Weill et al. Science 2017
CNRVC070067	2007	South Sudan	ERR1878554	Weill et al. Science 2017
CNRVC070066	2007	South Sudan	ERR1878553	Weill et al. Science 2017
KNC8678	2009	Kenya	ERR114416	Kiiru et al. Plos One 2013
KNC11	2010	Kenya	ERR117586	Kiiru et al. Plos One 2013
KNE3G	2010	Kenya	ERR117490	Kiiru et al. Plos One 2013
KNE3C	2010	Kenya	ERR117473	Kiiru et al. Plos One 2013
KNE11B	2010	Kenya	ERR117484	Kiiru et al. Plos One 2013
KNC8673	2009	Kenya	ERR114415	Kiiru et al. Plos One 2013
KNC8572	2009	Kenya	ERR117612	Kiiru et al. Plos One 2013
KNC8675	2009	Kenya	ERR117610	Kiiru et al. Plos One 2013
KNC56	2010	Kenya	ERR117577	Kiiru et al. Plos One 2013
KNC1509	2009	Kenya	ERR117613	Kiiru et al. Plos One 2013
KNC8679	2008	Kenya	ERR117606	Kiiru et al. Plos One 2013
KNC206	2009	Kenya	ERR117604	Kiiru et al. Plos One 2013
7687	2009	Kenya	ERR028074	Mutreja et al. Nature 2011
7684	2009	Kenya	ERR028068	Mutreja et al. Nature 2011
7682	2009	Kenya	ERR028066	Mutreja et al. Nature 2011
7685	2009	Kenya	ERR028076	Mutreja et al. Nature 2011
7686	2009	Kenya	ERR028075	Mutreja et al. Nature 2011
KNC8669	2010	Kenya	ERR117599	Kiiru et al. Plos One 2013
4621STDY6714774	2012	Kenya	ERS1572809	Weill et al. Nature 2019
4621STDY6714778	2010	Kenya	ERS1572813	Weill et al. Nature 2019
4621STDY6714768	2012	Kenya	ERS1572803	Weill et al. Nature 2019
4621STDY6714763	2012	Kenya	ERS1572798	Weill et al. Nature 2019
CNRVC060119	2006	Kenya	ERR1878153	Weill et al. Science 2017
CNRVC060120	2006	Kenya	ERR1878154	Weill et al. Science 2017
CNRVC070020	2007	Djibouti	ERR1878551	Weill et al. Science 2017
A482	2007	Djibouti	ERR018174	Mutreja et al. Nature 2011
A481	2007	Djibouti	ERR018175	Mutreja et al. Nature 2011
A483	2007	Djibouti	ERR018172	Mutreja et al. Nature 2011
KNE168	2010	Kenya	ERR117569	Kiiru et al. Plos One 2013
KNE170	2010	Kenya	ERR117485	Kiiru et al. Plos One 2013
KNC161	2010	Kenya	ERR117590	Kiiru et al. Plos One 2013
KNC233	2009	Kenya	ERR117605	Kiiru et al. Plos One 2013
KNC207	2009	Kenya	ERR117609	Kiiru et al. Plos One 2013
KNC133	2007	Kenya	ERR117579	Kiiru et al. Plos One 2013
KNC135	2009	Kenya	ERR117572	Kiiru et al. Plos One 2013
KNC1420	2009	Kenya	ERR117607	Kiiru et al. Plos One 2013
KNE134	2009	Kenya	ERR117480	Kiiru et al. Plos One 2013
KNE134B	2009	Kenya	ERR117482	Kiiru et al. Plos One 2013
CNRVC980324	1998	Rwanda	ERR976569	Weill et al. Science 2017
CNRVC010062	2001	Burundi	ERR1877942	Weill et al. Science 2017
CNRVC010061	2001	Burundi	ERR1877941	Weill et al. Science 2017
CNRVC010254	2001	DRC	ERR1877952	Weill et al. Science 2017
CNRVC060153	2006	DRC	ERR1878155	Weill et al. Science 2017
CNRVC050284	2005	DRC	ERR1878136	Weill et al. Science 2017
L284	2008	DRC	ERR572757	Weill et al. Science 2017
CNRVC080383	2008	South Sudan	ERR1878569	Weill et al. Science 2017
Tanz_60	2012	Tanzania	ERS2318705	Kachwamba et al. BMC Infect Dis 2017
3	2009	DRC	ERR386690	Weill et al. Science 2017
217	2009	DRC	ERR386672	Weill et al. Science 2017
L78	2009	DRC	ERR572538	Weill et al. Science 2017
4784	2009	Tanzania	ERR025370	Mutreja et al. Nature 2011
L363	2013	DRC	ERR572559	Weill et al. Science 2017
L377	2013	DRC	ERR572836	Weill et al. Science 2017
CNRVC150056	2015	DRC	ERR2265650	Weill et al. Nature 2019
CNRVC150071	2015	DRC	ERR2265651	Weill et al. Nature 2019
CTMA-1420	2015	DRC	ERR3269010	Irengue et al. PLoS Negl Trop Dis 2020

CTMA-1439	2015	DRC	ERR3269029	Irengue et al. PLoS Negl Trop Dis 2020
CNRVC160460	2016	DRC	ERR6614159	Hounmanou et al. Emerg Infect Dis 2023
Tanz_78	2015	Tanzania	ERS2318712	Kachwamba et al. BMC Infect Dis 2017
Tanz_100_1	2015	Tanzania	ERS2318718	Kachwamba et al. BMC Infect Dis 2017
CNRVC160448	2016	DRC	ERR6613988	Hounmanou et al. Emerg Infect Dis 2023
CNRVC150256	2015	DRC	ERR2265661	Weill et al. Nature 2019
CTMA-1449	2016	DRC	ERR3269038	Irengue et al. PLoS Negl Trop Dis 2020
CNRVC170306	2017	DRC	ERR6614163	Hounmanou et al. Emerg Infect Dis 2023
CNRVC170311	2017	DRC	ERR6614190	Hounmanou et al. Emerg Infect Dis 2023
CNRVC170307	2017	DRC	ERR6614164	Hounmanou et al. Emerg Infect Dis 2023
CNRVC170309	2017	DRC	ERR6614166	Hounmanou et al. Emerg Infect Dis 2023
CNRVC180010	2018	DRC	ERR6614196	Hounmanou et al. Emerg Infect Dis 2023
CNRVC180042	2018	DRC	ERR6614562	Hounmanou et al. Emerg Infect Dis 2023
CNRVC180044	2018	DRC	ERR6614564	Hounmanou et al. Emerg Infect Dis 2023
CNRVC170312	2017	DRC	ERR6614191	Hounmanou et al. Emerg Infect Dis 2023
CNRVC210067	2020	DRC	ERR6614597	Hounmanou et al. Emerg Infect Dis 2023
CNRVC210009	2020	DRC	ERR6614576	Hounmanou et al. Emerg Infect Dis 2023
CNRVC210063	2020	DRC	ERR6614594	Hounmanou et al. Emerg Infect Dis 2023
CNRVC210055	2020	DRC	ERR6614593	Hounmanou et al. Emerg Infect Dis 2023
CNRVC210065	2020	DRC	ERR6614595	Hounmanou et al. Emerg Infect Dis 2023
CNRVC210004	2019	DRC	ERR6614569	Hounmanou et al. Emerg Infect Dis 2023
L342	2001	DRC	ERR572810	Weill et al. Science 2017
CNRVC010243	2001	DRC	ERR1877951	Weill et al. Science 2017
CNRVC020284	2002	DRC	ERR1877955	Weill et al. Science 2017
CNRVC030293	2003	DRC	ERR1878093	Weill et al. Science 2017
259_1	2004	Zambia	ERR164773	Weill et al. Science 2017
169_12	2003	Zambia	ERR164765	Weill et al. Science 2017
204_12	2003	Zambia	ERR044795	Weill et al. Science 2017
329_1	2004	Zambia	ERR164768	Weill et al. Science 2017
218_2	2003	Zambia	ERR164766	Weill et al. Science 2017
CP1041	2004	Zambia	SRR227309	Katz et al. mBio 2013
336_1	2004	Zambia	ERR164776	Weill et al. Science 2017
CP1040	2004	Zambia	SRR227307	Unpublished (EBI-ENA)
CNRVC030519	2002	DRC	ERR1878101	Weill et al. Science 2017
CNRVC060003	2006	DRC	ERR1878148	Weill et al. Science 2017
CNRVC070045	2007	DRC	ERR1878552	Weill et al. Science 2017
2	2009	DRC	ERR386683	Weill et al. Science 2017
CNRVC080370	2008	DRC	ERR1878568	Weill et al. Science 2017
CNRVC080133	2008	DRC	ERR1878567	Weill et al. Science 2017
CNRVC100062	2010	Zambia	ERR1878582	Weill et al. Science 2017
CNRVC100057	2010	Zambia	ERR1878581	Weill et al. Science 2017
CNRVC070530	2007	DRC	ERR1878564	Weill et al. Science 2017
L283	2008	DRC	ERR572756	Weill et al. Science 2017
L354	2011	DRC	ERR572821	Weill et al. Science 2017
L268	2012	Zambia	ERR386661	Weill et al. Science 2017
L254	2012	Zambia	ERR386663	Weill et al. Science 2017
L273	2012	Zambia	ERR386656	Weill et al. Science 2017
Tanz_20	2015	Tanzania	ERS2318689	Kachwamba et al. BMC Infect Dis 2017
Tanz_65	2015	Tanzania	ERS2318708	Kachwamba et al. BMC Infect Dis 2017
CNRVC140013	2014	DRC	ERR1878608	Weill et al. Science 2017
CNRVC140012	2014	DRC	ERR1878607	Weill et al. Science 2017
L372	2013	DRC	ERR572563	Weill et al. Science 2017
L1	2009	DRC	ERR572514	Weill et al. Science 2017
726	2009	DRC	ERR386698	Weill et al. Science 2017
622	2009	DRC	ERR386629	Weill et al. Science 2017
CNRVC140069	2014	South Sudan	ERR2265645	Weill et al. Nature 2019
CNRVC140077	2014	South Sudan	ERR2265647	Weill et al. Nature 2019
CNRVC140054	2014	South Sudan	ERR2265591	Weill et al. Nature 2019
CNRVC140072	2014	South Sudan	ERR2265646	Weill et al. Nature 2019
CNRVC150141	2015	South Sudan	ERR2265653	Weill et al. Nature 2019
CNRVC140079	2014	South Sudan	ERR2265648	Weill et al. Nature 2019

CNRVC150165	2015	South Sudan	ERR2265654	Weill et al. Nature 2019
CNRVC160462	2016	South Sudan	ERR2265668	Weill et al. Nature 2019
CNRVC160461	2016	South Sudan	ERR2265667	Weill et al. Nature 2019
CNRVC170164	2017	South Sudan	ERR2265672	Weill et al. Nature 2019
CNRVC170165	2017	South Sudan	ERR2265673	Weill et al. Nature 2019
CNRVC170161	2017	South Sudan	ERR2265671	Weill et al. Nature 2019
CNRVC170160	2017	South Sudan	ERR2265670	Weill et al. Nature 2019
CNRVC170159	2017	South Sudan	ERR2265669	Weill et al. Nature 2019
L204	2012	DRC	ERR386711	Weill et al. Science 2017
L310	2011	DRC	ERR572781	Weill et al. Science 2017
L184	2012	DRC	ERR572548	Weill et al. Science 2017
L193	2012	DRC	ERR386712	Weill et al. Science 2017
L174	2012	DRC	ERR386688	Weill et al. Science 2017
L201	2012	DRC	ERR386647	Weill et al. Science 2017
L198	2012	DRC	ERR386695	Weill et al. Science 2017
CNRVC110266	2011	Central African Republic	ERR1878602	Weill et al. Science 2017
CNRVC110272	2011	Central African Republic	ERR1878603	Weill et al. Science 2017
L300	2011	DRC	ERR572772	Weill et al. Science 2017
L339	2012	DRC	ERR572807	Weill et al. Science 2017
L384	2013	DRC	ERR572837	Weill et al. Science 2017
CTMA-1408	2015	DRC	ERR3268998	Irengue et al. PLoS Negl Trop Dis 2020
CTMA-1410	2015	DRC	ERR3269000	Irengue et al. PLoS Negl Trop Dis 2020
CTMA-1421	2015	DRC	ERR3269011	Irengue et al. PLoS Negl Trop Dis 2020
CTMA-1442	2016	DRC	ERR3269031	Irengue et al. PLoS Negl Trop Dis 2020
CTMA-1478	2017	DRC	ERR3269064	Irengue et al. PLoS Negl Trop Dis 2020
CTMA-1425	2016	DRC	ERR3269015	Irengue et al. PLoS Negl Trop Dis 2020
CNRVC160426	2016	DRC	ERR3891239	Breurec et al. Emerg Infect Dis 2021
CNRVC160427	2016	DRC	ERR3890505	Breurec et al. Emerg Infect Dis 2021
CNRVC160431	2016	DRC	ERR3890507	Breurec et al. Emerg Infect Dis 2021
CNRVC160429	2016	DRC	ERR3890506	Breurec et al. Emerg Infect Dis 2021
CNRVC190054	2016	Central African Republic	ERR3890517	Breurec et al. Emerg Infect Dis 2021
CNRVC160163	2016	Central African Republic	ERR3891235	Breurec et al. Emerg Infect Dis 2021
CNRVC160164	2016	Central African Republic	ERR3891236	Breurec et al. Emerg Infect Dis 2021
THSTI_AM232	1996	India	ERR1880800	Weill et al. Science 2017
CNRVC960215	1996	India	ERR1879597	Weill et al. Science 2017
CNRVC990299	1999	Afghanistan	ERR1879649	Weill et al. Science 2017
CNRVC990298	1999	Afghanistan	ERR1879648	Weill et al. Science 2017
PRL64	1992	India	ERR018195	Mutreja et al. Nature 2011
CNRVC970077	1997	India	ERR1879637	Weill et al. Science 2017
THSTI_C18932	1997	India	ERR1880802	Weill et al. Science 2017
THSTI_E12067	1999	India	ERR1880813	Weill et al. Science 2017
THSTI_CRC198	2000	India	ERR1880810	Weill et al. Science 2017
THSTI_CRC155	2000	India	ERR1880809	Weill et al. Science 2017
THSTI_H11801	2002	India	ERR1880817	Weill et al. Science 2017
THSTI_RC12	2001	India	ERR1880836	Weill et al. Science 2017
THSTI_I17260	2003	India	ERR1880820	Weill et al. Science 2017
THSTI_J4770	2004	India	ERR1880830	Weill et al. Science 2017
THSTI_J16173	2004	India	ERR1880829	Weill et al. Science 2017
MBRN14	2004	India	ERR018130	Mutreja et al. Nature 2011
4322	2004	India	ERR019881	Mutreja et al. Nature 2011
4339	2004	India	ERR025361	Mutreja et al. Nature 2011
4646	2007	India	ERR025372	Mutreja et al. Nature 2011
4656	2006	India	ERR018112	Mutreja et al. Nature 2011
MAB008	2006	Bangladesh	DRR335698	Monir et al. Microbiol Spectr 2022
MAB006	2005	Bangladesh	DRR335696	Monir et al. Microbiol Spectr 2022
MAB004	2005	Bangladesh	DRR335694	Monir et al. Microbiol Spectr 2022
4551	2007	India	ERR025357	Mutreja et al. Nature 2011
4552	2007	India	ERR025368	Mutreja et al. Nature 2011
4593	2007	India	ERR025359	Mutreja et al. Nature 2011
4605	2007	India	ERR018111	Mutreja et al. Nature 2011
THSTI_IDH0002	2007	India	ERR1880821	Weill et al. Science 2017

4488	2006	India	ERR025369	Mutreja et al. Nature 2011
CP1042	2010	Thailand	SRR227324	Katz et al. mBio 2013
AHV1003-CDC	2010	China	ERR576974	Didelot et al. PLoS Genet 2015
2255-CDC	2008	China	ERR579075	Didelot et al. PLoS Genet 2015
4122	2007	Vietnam	ERR019885	Mutreja et al. Nature 2011
4623	2007	India	ERR025358	Mutreja et al. Nature 2011
4536	2007	India	ERR025375	Mutreja et al. Nature 2011
4585	2007	India	ERR025366	Mutreja et al. Nature 2011
THSTI_IDH00136	2007	India	ERR1880822	Weill et al. Science 2017
4600	2007	India	ERR025371	Mutreja et al. Nature 2011
CNRVC080397	2008	India	ERR1878570	Weill et al. Science 2017
THSTI_IDH02367	2009	India	ERR1880826	Weill et al. Science 2017
7772	2009	India	ERR351208	Abd El Ghany et al. PLoS Negl Trop Dis 2014
5286	2009	India	ERR351188	Abd El Ghany et al. PLoS Negl Trop Dis 2014
7994	2009	India	ERR351210	Abd El Ghany et al. PLoS Negl Trop Dis 2014
THSTI_IDH00563	2008	India	ERR1880823	Weill et al. Science 2017
THSTI_31698	2012	India	ERR2269927	Weill et al. Nature 2019
THSTI_27071	2011	India	ERR2269926	Weill et al. Nature 2019
VC-22	2010	Nepal	SRR308725	Hendriksen et al. mBio 2011
VC-16	2010	Nepal	SRR308717	Hendriksen et al. mBio 2011
VC-20	2010	Nepal	SRR308723	Hendriksen et al. mBio 2011
VC-2	2010	Nepal	SRR308690	Hendriksen et al. mBio 2011
VC-7	2010	Nepal	SRR308704	Hendriksen et al. mBio 2011
VC-21	2010	Nepal	SRR308724	Hendriksen et al. mBio 2011
VC-10	2010	Nepal	SRR308707	Hendriksen et al. mBio 2011
VC-13	2010	Nepal	SRR308713	Hendriksen et al. mBio 2011
VC-12	2010	Nepal	SRR308709	Hendriksen et al. mBio 2011
VC-5	2010	Nepal	SRR308693	Hendriksen et al. mBio 2011
VC-3	2010	Nepal	SRR308691	Hendriksen et al. mBio 2011
VC-4	2010	Nepal	SRR308692	Hendriksen et al. mBio 2011
VC-17	2010	Nepal	SRR308720	Hendriksen et al. mBio 2011
VC-1	2010	Nepal	SRR308665	Hendriksen et al. mBio 2011
VC-8	2010	Nepal	SRR308705	Hendriksen et al. mBio 2011
VC-9	2010	Nepal	SRR308706	Hendriksen et al. mBio 2011
VC-11	2010	Nepal	SRR308708	Hendriksen et al. mBio 2011
BGD005	2007	Bangladesh	DRR335608	Monir et al. Microbiol Spectr 2022
EM1626	2011	Bangladesh	SRR491153	Unpublished (EBI-ENA)
BGD104	2009	Bangladesh	DRR189276	Morita et al. mBio 2020
BGD105	2009	Bangladesh	DRR189277	Morita et al. mBio 2020
S9KCH9	2010	Pakistan	ERR051772	Shah et al. Emerg Inf Dis 2015
S7KCH20	2010	Pakistan	ERR051770	Shah et al. Emerg Inf Dis 2015
S2KCH17	2010	Pakistan	ERR051765	Shah et al. Emerg Inf Dis 2015
S4KCH16	2010	Pakistan	ERR051767	Shah et al. Emerg Inf Dis 2015
S5KCH10	2010	Pakistan	ERR051768	Shah et al. Emerg Inf Dis 2015
S23HH18	2010	Pakistan	ERR051786	Shah et al. Emerg Inf Dis 2015
S6KCH7	2010	Pakistan	ERR051769	Shah et al. Emerg Inf Dis 2015
CNRVC170250	2013	Iran	ERR2269837	Weill et al. Nature 2019
CNRVC170249	2013	Iran	ERR2269836	Weill et al. Nature 2019
CNRVC170252	2015	Iran	ERR2269838	Weill et al. Nature 2019
CNRVC170248	2012	Iran	ERR2269835	Weill et al. Nature 2019
CNRVC150177	2015	Iraq	ERR2265659	Weill et al. Nature 2019
CNRVC150170	2015	Iraq	ERR2265657	Weill et al. Nature 2019
CNRVC150168	2015	Iraq	ERR2265655	Weill et al. Nature 2019
CNRVC150169	2015	Iraq	ERR2265656	Weill et al. Nature 2019
CNRVC150181	2015	Iraq	ERR2265660	Weill et al. Nature 2019
CNRVC150171	2015	Iraq	ERR2265658	Weill et al. Nature 2019
HCIS-036B	2013	Bangladesh	DRX179774	Morita et al. mBio 2020
BGD133	2015	Bangladesh	DRR189296	Morita et al. mBio 2020
IDH-07956	2015	India	DRX179796	Morita et al. mBio 2020
PCS-0023	2010	Bangladesh	DRX179809	Morita et al. mBio 2020
HCIS-055B	2013	Bangladesh	DRX179777	Morita et al. mBio 2020

HCIS-101B	2014	Bangladesh	DRX179784		Morita et al. mBio 2020
HCIS-138A	2014	Bangladesh	DRX179782		Morita et al. mBio 2020
BGD128	2015	Bangladesh	DRR189293		Morita et al. mBio 2020
BGD130	2015	Bangladesh	DRR189294		Morita et al. mBio 2020
BGD132	2015	Bangladesh	DRR189295		Morita et al. mBio 2020
BGD122	2013	Bangladesh	DRR189290		Morita et al. mBio 2020
BGD119	2012	Bangladesh	DRR189287		Morita et al. mBio 2020
BGD120	2012	Bangladesh	DRR189288		Morita et al. mBio 2020
BGD124	2014	Bangladesh	DRR189291		Morita et al. mBio 2020
BGD138	2016	Bangladesh	DRR189299		Morita et al. mBio 2020
BGD159	2017	Bangladesh	DRR335689		Monir et al. Microbiol Spectr 2022
BGD151	2017	Bangladesh	DRR335681		Monir et al. Microbiol Spectr 2022
BGD148	2016	Bangladesh	DRR189305		Morita et al. mBio 2020
BGD140	2016	Bangladesh	DRR189301		Morita et al. mBio 2020
BGD139	2016	Bangladesh	DRR189300		Morita et al. mBio 2020
BGD136	2015	Bangladesh	DRR189297		Morita et al. mBio 2020
KDCP183	2019	Bangladesh	SRR14297546		Angermeyer et al. mBio 2022
KDCP69	2018	Bangladesh	SRR14297662		Angermeyer et al. mBio 2022
BGD141	2016	Bangladesh	DRR189302		Morita et al. mBio 2020
BGD146	2016	Bangladesh	DRR189304		Morita et al. mBio 2020
BGD152	2017	Bangladesh	DRR335682		Monir et al. Microbiol Spectr 2022
BGD143	2016	Bangladesh	DRR189303		Morita et al. mBio 2020
BGD149	2016	Bangladesh	DRR189306		Morita et al. mBio 2020
BGD157	2017	Bangladesh	DRR335687		Monir et al. Microbiol Spectr 2022
KMCP80	2018	Bangladesh	SRR14297696		Angermeyer et al. mBio 2022
KMCP49	2018	Bangladesh	SRR14297559		Angermeyer et al. mBio 2022
KDCP73	2018	Bangladesh	SRR14297636		Angermeyer et al. mBio 2022
BGD160	2017	Bangladesh	DRR335690		Monir et al. Microbiol Spectr 2022
KDCP68	2018	Bangladesh	SRR14297659		Angermeyer et al. mBio 2022
KDCP81	2018	Bangladesh	SRR14297544		Angermeyer et al. mBio 2022
KDCP90	2018	Bangladesh	SRR14297667		Angermeyer et al. mBio 2022
KDCP74	2018	Bangladesh	SRR14297542		Angermeyer et al. mBio 2022
THSTI_CO553	1994	India	ERR1880806		Weill et al. Science 2017
THSTI_AM120	1996	India	ERR1880799		Weill et al. Science 2017
THSTI_CO783	1994	India	ERR1880807		Weill et al. Science 2017
THSTI_CO908	1995	India	ERR1880808		Weill et al. Science 2017
THSTI_CO1089	1995	India	ERR1880803		Weill et al. Science 2017
THSTI_NLC8	1999	India	ERR1880835		Weill et al. Science 2017
THSTI_G27875	2001	India	ERR1880814		Weill et al. Science 2017
THSTI_I16615	2003	India	ERR1880819		Weill et al. Science 2017
THSTI_H12381	2002	India	ERR1880818		Weill et al. Science 2017
THSTI_D16133	1998	India	ERR1880811		Weill et al. Science 2017
4675	2001	Bangladesh	ERR018113		Mutreja et al. Nature 2011
4661	2001	Bangladesh	ERR018116		Mutreja et al. Nature 2011
A488_2	2006	Bangladesh	ERR018182		Mutreja et al. Nature 2011
A487_2	2007	Bangladesh	ERR025395		Mutreja et al. Nature 2011
4663	2001	Bangladesh	ERR018115		Mutreja et al. Nature 2011
4662	2001	Bangladesh	ERR025373		Mutreja et al. Nature 2011
CIRS101	2002	Bangladesh		ACVW00000000	Chun et al. Proc Natl Acad Sci USA 2009
4679	1999	Bangladesh	ERR018114		Mutreja et al. Nature 2011
MAB005	2005	Bangladesh	DRR335695		Monir et al. Microbiol Spectr 2022
BGD012	2007	Bangladesh	DRR335615		Monir et al. Microbiol Spectr 2022
MAB010	2007	Bangladesh	DRR335613		Monir et al. Microbiol Spectr 2022
MAB011	2007	Bangladesh	DRR335705		Monir et al. Microbiol Spectr 2022
CNRVC160017	2007	Iraq	ERR2265665		Weill et al. Nature 2019
CNRVC160013	2007	Iraq	ERR2265662		Weill et al. Nature 2019
CNRVC160014	2007	Iraq	ERR2265663		Weill et al. Nature 2019
CNRVC160018	2007	Iraq	ERR2265666		Weill et al. Nature 2019
CNRVC160016	2007	Iraq	ERR2265664		Weill et al. Nature 2019
THSTI_VC4	1992	India	ERR1880843		Weill et al. Science 2017
VC2248-1-CDC	2008	China	ERR579090		Didelot et al. PLoS Genet 2015

THSTI_K12759	2005	India	ERR1880831	Weill et al. Science 2017
MAB001	2004	Bangladesh	DRR335691	Monir et al. Microbiol Spectr 2022
MAB007	2005	Bangladesh	DRR335697	Monir et al. Microbiol Spectr 2022
CNRVC050280	2005	Pakistan	ERR1878135	Weill et al. Science 2017
S10P57	2010	Pakistan	ERR051773	Shah et al. Emerg Inf Dis 2015
CNRVC090123	2009	Pakistan	ERR1878575	Weill et al. Science 2017
F8D25	2010	Pakistan	ERR051752	Shah et al. Emerg Inf Dis 2015
CNRVC090144	2009	Pakistan	ERR1878577	Weill et al. Science 2017
S26R24	2010	Pakistan	ERR051789	Shah et al. Emerg Inf Dis 2015
F1DN4	2010	Pakistan	ERR051745	Shah et al. Emerg Inf Dis 2015
F4D48	2010	Pakistan	ERR051748	Shah et al. Emerg Inf Dis 2015
S14P9	2010	Pakistan	ERR051777	Shah et al. Emerg Inf Dis 2015
CNRVC090143	2009	Pakistan	ERR1878576	Weill et al. Science 2017
891316	2015	Zimbabwe	ERR3342505	Mashe et al. N Engl J Med 2020
891315	2015	Zimbabwe	ERR3342504	Mashe et al. N Engl J Med 2020
S0034	2002	Mozambique	ERS1938058	Garrine et al. PLoS Neglect Trop Dis 2017
2011EL_1137	2009	Republic of South Africa	SRR774784	Katz et al. mBio 2013
S1019828_5	2010	Mozambique	ERS1938068	Garrine et al. PLoS Neglect Trop Dis 2017
S1020229_3	2010	Mozambique	ERS1938072	Garrine et al. PLoS Neglect Trop Dis 2017
CP1038	2009	Zimbabwe	SRR227311	Katz et al. mBio 2013
B_12	2009	Zimbabwe	ERR044798	Weill et al. Science 2017
S0074	2003	Mozambique	ERS1938060	Garrine et al. PLoS Neglect Trop Dis 2017
S0014	2002	Mozambique	ERS1938051	Garrine et al. PLoS Neglect Trop Dis 2017
S152	2003	Mozambique	ERS1938085	Garrine et al. PLoS Neglect Trop Dis 2017
S121	2003	Mozambique	ERS1938079	Garrine et al. PLoS Neglect Trop Dis 2017
S0035	2002	Mozambique	ERS1938059	Garrine et al. PLoS Neglect Trop Dis 2017
S24RG6	2010	Pakistan	ERR051787	Shah et al. Emerg Inf Dis 2015
S27RG11	2010	Pakistan	ERR051790	Shah et al. Emerg Inf Dis 2015
F19KTH2	2010	Pakistan	ERR051763	Shah et al. Emerg Inf Dis 2015
S12P76	2010	Pakistan	ERR051775	Shah et al. Emerg Inf Dis 2015
S13P83	2010	Pakistan	ERR051776	Shah et al. Emerg Inf Dis 2015
F16KTH6	2010	Pakistan	ERR051760	Shah et al. Emerg Inf Dis 2015
F15KTH7	2010	Pakistan	ERR051759	Shah et al. Emerg Inf Dis 2015
S18HH4	2010	Pakistan	ERR051781	Shah et al. Emerg Inf Dis 2015
S19HH5	2010	Pakistan	ERR051782	Shah et al. Emerg Inf Dis 2015
F2D59	2010	Pakistan	ERR051746	Shah et al. Emerg Inf Dis 2015
F7D30	2010	Pakistan	ERR051751	Shah et al. Emerg Inf Dis 2015
F11D4	2010	Pakistan	ERR051755	Shah et al. Emerg Inf Dis 2015
F5D38	2010	Pakistan	ERR051749	Shah et al. Emerg Inf Dis 2015
S1KCH15	2010	Pakistan	ERR051764	Shah et al. Emerg Inf Dis 2015
S21HH15	2010	Pakistan	ERR051784	Shah et al. Emerg Inf Dis 2015
S25R22	2010	Pakistan	ERR051788	Shah et al. Emerg Inf Dis 2015
F12D1	2010	Pakistan	ERR051756	Shah et al. Emerg Inf Dis 2015
S16HH1	2010	Pakistan	ERR051779	Shah et al. Emerg Inf Dis 2015
S22HH17	2010	Pakistan	ERR051785	Shah et al. Emerg Inf Dis 2015
S20HH14	2010	Pakistan	ERR051783	Shah et al. Emerg Inf Dis 2015
F14KPD3	2010	Pakistan	ERR051758	Shah et al. Emerg Inf Dis 2015
S8KCH18	2010	Pakistan	ERR051771	Shah et al. Emerg Inf Dis 2015
F17KTH4	2010	Pakistan	ERR051761	Shah et al. Emerg Inf Dis 2015
F18KTH3	2010	Pakistan	ERR051762	Shah et al. Emerg Inf Dis 2015
S17HH3	2010	Pakistan	ERR051780	Shah et al. Emerg Inf Dis 2015
THSTI_L9496	2006	India	ERR1880834	Weill et al. Science 2017
THSTI_K9398	2005	India	ERR1880832	Weill et al. Science 2017
CNRVC060089	2006	India	ERR1878151	Weill et al. Science 2017
4538	2007	India	ERR025360	Mutreja et al. Nature 2011
VC2454-CDC	2005	China	ERR579089	Didelot et al. PLoS Genet 2015
4519	2005	India	ERR025374	Mutreja et al. Nature 2011
THSTI_L19089	2006	India	ERR1880833	Weill et al. Science 2017
MBN17	2004	India	ERR018123	Mutreja et al. Nature 2011
CNRVC060333	2006	India/Nepal	ERR1878548	Weill et al. Science 2017
THSTI_IDH01405	2009	India	ERR1880825	Weill et al. Science 2017

THSTI_IDH01272	2008	India	ERR1880824	Weill et al. Science 2017
IDH01726	2009	India	ERR018187	Mutreja et al. Nature 2011
VC-6	2010	Nepal	SRR308703	Hendriksen et al. mBio 2011
VC-19	2010	Nepal	SRR308722	Hendriksen et al. mBio 2011
DCC-159	2011	Bangladesh	DRX179776	Morita et al. mBio 2020
DCC-028	2011	Bangladesh	DRX179775	Morita et al. mBio 2020
BGD107	2009	Bangladesh	DRR189278	Morita et al. mBio 2020
BGD021	2008	Bangladesh	DRR335623	Monir et al. Microbiol Spectr 2022
DCC-203A	2012	Bangladesh	DRX179773	Morita et al. mBio 2020
DCC-001	2012	Bangladesh	DRX179811	Morita et al. mBio 2020
BGD016	2008	Bangladesh	DRR335619	Monir et al. Microbiol Spectr 2022
BGD025	2008	Bangladesh	DRR335627	Monir et al. Microbiol Spectr 2022
DCC-006	2012	Bangladesh	DRX179812	Morita et al. mBio 2020
BGD023	2008	Bangladesh	DRR335625	Monir et al. Microbiol Spectr 2022
PCS-0030	2010	Bangladesh	DRX179810	Morita et al. mBio 2020
BGD007	2007	Bangladesh	DRR335610	Monir et al. Microbiol Spectr 2022
CP1050	2010	Bangladesh	SRR227335	Katz et al. mBio 2013
CP1048	2010	Bangladesh	SRR227303	Katz et al. mBio 2013
BGD110	2010	Bangladesh	DRR189280	Morita et al. mBio 2020
BGD126	2015	Bangladesh	DRR189292	Morita et al. mBio 2020
BGD114	2011	Bangladesh	DRR189283	Morita et al. mBio 2020
CNRVC110078	2011	Bangladesh	ERR2265590	Weill et al. Nature 2019
MAB002	2004	Bangladesh	DRR335692	Monir et al. Microbiol Spectr 2022
THSTI_IDH02834	2010	India	ERR1880827	Weill et al. Science 2017
VC-15	2010	Nepal	SRR308716	Hendriksen et al. mBio 2011
VC-18	2010	Nepal	SRR308721	Hendriksen et al. mBio 2011
THSTI_IDH02959	2010	India	ERR1880828	Weill et al. Science 2017
5417	2009	India	ERR351191	Abd El Ghany et al. PLoS Negl Trop Dis 2014
6734	2009	India	ERR351205	Abd El Ghany et al. PLoS Negl Trop Dis 2014
6016	2009	India	ERR351193	Abd El Ghany et al. PLoS Negl Trop Dis 2014
5663	2009	India	ERR351192	Abd El Ghany et al. PLoS Negl Trop Dis 2014
7683	2009	India	ERR351207	Abd El Ghany et al. PLoS Negl Trop Dis 2014
5185	2009	India	ERR351179	Abd El Ghany et al. PLoS Negl Trop Dis 2014
5046	2009	India	ERR351175	Abd El Ghany et al. PLoS Negl Trop Dis 2014
6557	2009	India	ERR351203	Abd El Ghany et al. PLoS Negl Trop Dis 2014
6259	2009	India	ERR351199	Abd El Ghany et al. PLoS Negl Trop Dis 2014
5202	2009	India	ERR351185	Abd El Ghany et al. PLoS Negl Trop Dis 2014
4966	2009	India	ERR351174	Abd El Ghany et al. PLoS Negl Trop Dis 2014
CNRVC140160	2010	Niger	ERR1878611	Weill et al. Science 2017
CNRVC100224	2010	Nigeria	ERR1878589	Weill et al. Science 2017
CNRVC100159	2010	Nigeria	ERR1878583	Weill et al. Science 2017
CNRVC090177	2009	Nigeria	ERR1878579	Weill et al. Science 2017
CNRVC090182	2009	Cameroon	ERR1878580	Weill et al. Science 2017
CNRVC090175	2009	Nigeria	ERR1878578	Weill et al. Science 2017
CNRVC100186	2010	Cameroon	ERR1878588	Weill et al. Science 2017
CNRVC140167	2010	Niger	ERR1878612	Weill et al. Science 2017
2010EL_1749	2010	Cameroon	SRR773655	Reimer et al. Emerg Infect 2011
CNRVC110128	2010	Cameroon	ERR1878598	Weill et al. Science 2017
CNRVC100246	2010	Chad	ERR1878591	Weill et al. Science 2017
CNRVC100240	2010	Chad	ERR1878590	Weill et al. Science 2017
CNRVC110230	2011	Chad	ERR1878599	Weill et al. Science 2017
CNRVC110241	2011	Chad	ERR1878600	Weill et al. Science 2017
L403	2011	Togo	ERR572585	Weill et al. Science 2017
L395	2010	Togo	ERR572839	Weill et al. Science 2017
L410	2012	Togo	ERR572590	Weill et al. Science 2017
L397	2010	Togo	ERR572580	Weill et al. Science 2017
CNRVC110058	2011	Nigeria	ERR1878593	Weill et al. Science 2017
CNRVC110060	2011	Nigeria	ERR1878594	Weill et al. Science 2017
CNRVC110096	2010	Cameroon	ERR1878595	Weill et al. Science 2017
CNRVC110113	2011	Cameroon	ERR1878596	Weill et al. Science 2017
CNRVC110120	2011	Cameroon	ERR1878597	Weill et al. Science 2017

L413	2012	Togo	ERR572592		Weill et al. Science 2017
L408	2011	Togo	ERR572589		Weill et al. Science 2017
L409	2012	Togo	ERR572842		Weill et al. Science 2017
CNRVC110262	2011	Nigeria	ERR1878601		Weill et al. Science 2017
468-14	2014	Ghana	ERR1024524		Weill et al. Science 2017
19-14	2014	Ghana	ERR1024521		Weill et al. Science 2017
262-14	2014	Ghana	ERR1024526		Weill et al. Science 2017
CNRVC140027	2014	Nigeria	ERR1878609		Weill et al. Science 2017
CNRVC140150	2014	Nigeria	ERR1878610		Weill et al. Science 2017
CNRVC220016	2023	Cameroon	ERS16748234		Rouard et al. Euro Surveill 2024
CNRVC220058	2023	Cameroon	ERS16748237		Rouard et al. Euro Surveill 2024
CNRVC220064	2023	France	ERS16748239		Rouard et al. Euro Surveill 2024
CNRVC220053	2023	France	ERS16748236		Rouard et al. Euro Surveill 2024
CNRVC220061	2023	France	ERS16748238		Rouard et al. Euro Surveill 2024
HC-22A1	2010	Haiti	SRR191381		Katz et al. mBio 2013
HCUF01	2010	Haiti	SRR135540		Katz et al. mBio 2013
HC-40A1	2010	Haiti	SRR135545		Katz et al. mBio 2013
CNRVC100278	2010	Haiti	ERR1878592		Weill et al. Science 2017
THSTI_20370	2010	India	ERR2269808		Weill et al. Nature 2019
THSTI_23485	2010	India	ERR2269921		Weill et al. Nature 2019
THSTI_23835	2010	India	ERR2269922		Weill et al. Nature 2019
HC-68A1	2010	Haiti	SRR191363		Katz et al. mBio 2013
2010EL_1792	2010	Haiti		AELJ00000000.1	Reimer et al. Emerg Infect 2011
2010EL_1786	2010	Haiti		CP003069.1/CP003070	Reimer et al. Emerg Infect 2011
2010EL_1798	2010	Haiti		AELI00000000.1	Katz et al. mBio 2013
THSTI_26871	2011	India	ERR2269924		Weill et al. Nature 2019
THSTI_26866	2011	India	ERR2269923		Weill et al. Nature 2019
VC-26	2010	Nepal	SRR308727		Hendriksen et al. mBio 2011
VC-14	2010	Nepal	SRR308715		Hendriksen et al. mBio 2011
VC-25	2010	Nepal	SRR308726		Hendriksen et al. mBio 2011
THSTI_26907	2011	India	ERR2269925		Weill et al. Nature 2019
THSTI_32676	2012	India	ERR2269928		Weill et al. Nature 2019
IDH-07665	2015	India	DRX179789		Morita et al. mBio 2020
THSTI_33102	2012	India	ERR2269929		Weill et al. Nature 2019
THSTI_36268	2013	India	ERR2269946		Weill et al. Nature 2019
THSTI_36124	2013	India	ERR2269930		Weill et al. Nature 2019
THSTI_36136	2013	India	ERR2269945		Weill et al. Nature 2019
THSTI_41049	2014	India	ERR2269947		Weill et al. Nature 2019
CNRVC140176	2014	India	ERR2265649		Weill et al. Nature 2019
THSTI_36133	2013	India	ERR2269944		Weill et al. Nature 2019
IDH-08792	2016	India	DRX179802		Morita et al. mBio 2020
IDH-07934	2015	India	DRX179790		Morita et al. mBio 2020
THSTI_52586	2016	India	ERR2270655		Weill et al. Nature 2019
IDH-08591	2016	India	DRX179798		Morita et al. mBio 2020
IDH-08729	2016	India	DRX179801		Morita et al. mBio 2020
IDH-09205	2016	India	DRX179805		Morita et al. mBio 2020
IDH-08923	2016	India	DRX179803		Morita et al. mBio 2020
IDH-09122	2016	India	DRX179804		Morita et al. mBio 2020
THSTI_45544	2015	India	ERR2269950		Weill et al. Nature 2019
THSTI_45983	2015	India	ERR2269952		Weill et al. Nature 2019
THSTI_46073	2015	India	ERR2269953		Weill et al. Nature 2019
CNRVC150140	2015	India	ERR2265652		Weill et al. Nature 2019
THSTI_41055	2014	India	ERR2269948		Weill et al. Nature 2019
THSTI_41081	2014	India	ERR2269949		Weill et al. Nature 2019
NALMLE13	2018	Bangladesh		SIUO01	Baddam et al. mBio 2020
BGD137	2016	Bangladesh	DRR189298		Morita et al. mBio 2020
31_1	2015	Kenya	ERR2265589		Weill et al. Nature 2019
4621STDY6714780	2016	Kenya	ERS1572815		Weill et al. Nature 2019
4621STDY6714758	2015	Kenya	ERS1572793		Weill et al. Nature 2019
4621STDY6714750	2015	Kenya	ERS1572785		Weill et al. Nature 2019
UG026	2015	Uganda		SAMN08744332	Bwire et al. PLoS Negl Trop Dis 2018

UG020	2016	Uganda		SAMN08744331	Bwire et al. PLoS Negl Trop Dis 2018
UG010	2016	Uganda		SAMN08744330	Bwire et al. PLoS Negl Trop Dis 2018
Tanz_9	2015	Tanzania	ERS2318682		Kachwamba et al. BMC Infect Dis 2017
Tanz_42	2015	Tanzania	ERS2318697		Kachwamba et al. BMC Infect Dis 2017
Tanz_2	2015	Tanzania	ERS2318680		Kachwamba et al. BMC Infect Dis 2017
Tanz_3	2015	Tanzania	ERS2318681		Kachwamba et al. BMC Infect Dis 2017
Tanz_48	2015	Tanzania	ERS2318700		Kachwamba et al. BMC Infect Dis 2017
Tanz_14	2015	Tanzania	ERS2318685		Kachwamba et al. BMC Infect Dis 2017
Tanz_33	2015	Tanzania	ERS2318693		Kachwamba et al. BMC Infect Dis 2017
YA00122530	2018	Zimbabwe	ERR3342507		Mashe et al. N Engl J Med 2020
YA00122534	2018	Zimbabwe	ERR3342511		Mashe et al. N Engl J Med 2020
YA00122536	2018	Zimbabwe	ERR3342512		Mashe et al. N Engl J Med 2020
YA00120881	2018	Zimbabwe	ERR3342506		Mashe et al. N Engl J Med 2020
YA00122539	2018	Zimbabwe	ERR3342514		Mashe et al. N Engl J Med 2020
4621STDY6714749	2015	Kenya	ERS1572784		Weill et al. Nature 2019
4621STDY6714748	2015	Kenya	ERS1572783		Weill et al. Nature 2019
CNRVC170178	2017	Yemen	ERR2269616		Weill et al. Nature 2019
CNRVC170180	2017	Yemen	ERR2269618		Weill et al. Nature 2019
CNRVC170207	2017	Yemen	ERR2269810		Weill et al. Nature 2019
CNRVC170206	2017	Yemen	ERR2269809		Weill et al. Nature 2019
CNRVC170177	2016	Yemen	ERR2269615		Weill et al. Nature 2019
CNRVC170168	2016	Yemen	ERR2265674		Weill et al. Nature 2019
CNRVC170184	2017	Yemen	ERR2269622		Weill et al. Nature 2019
CNRVC170196	2017	Yemen	ERR2269709		Weill et al. Nature 2019
CNRVC170189	2017	Yemen	ERR2269644		Weill et al. Nature 2019
CNRVC170201	2017	Yemen	ERR2269714		Weill et al. Nature 2019
CNRVC170186	2017	Yemen	ERR2269641		Weill et al. Nature 2019
CNRVC170242	2017	Yemen	ERR2269834		Weill et al. Nature 2019
CNRVC190241	2019	Yemen	ERR7057891		Lassalle et al. Nat Microbiol 2023
CNRVC190245	2019	Yemen	ERR7057895		Lassalle et al. Nat Microbiol 2023
CNRVC190238	2019	Yemen	ERR7057858		Lassalle et al. Nat Microbiol 2023
CNRVC190249	2019	Yemen	ERR7057899		Lassalle et al. Nat Microbiol 2023
CNRVC190243	2019	Yemen	ERR7057893		Lassalle et al. Nat Microbiol 2023
CNRVC190239	2019	Yemen	ERR7057859		Lassalle et al. Nat Microbiol 2023
CNRVC190244	2019	Yemen	ERR7057894		Lassalle et al. Nat Microbiol 2023
CNRVC190240	2019	Yemen	ERR7057860		Lassalle et al. Nat Microbiol 2023
CNRVC190242	2019	Yemen	ERR7057892		Lassalle et al. Nat Microbiol 2023
CNRVC190232	2019	Yemen	ERR7057835		Lassalle et al. Nat Microbiol 2023
CNRVC190250	2019	Yemen	ERR7057900		Lassalle et al. Nat Microbiol 2023
CNRVC190236	2019	Yemen	ERR7057856		Lassalle et al. Nat Microbiol 2023
CNRVC190246	2019	Yemen	ERR7057896		Lassalle et al. Nat Microbiol 2023
CNRVC190237	2019	Yemen	ERR7057857		Lassalle et al. Nat Microbiol 2023
CNRVC190233	2019	Yemen	ERR7057836		Lassalle et al. Nat Microbiol 2023
VIC11	2022	Lebanon	ERS16287304		Abou Fayad et al. bioRxiv 2023
VIC7	2022	Lebanon	ERS16287318		Abou Fayad et al. bioRxiv 2023
VIC11-A	2022	Lebanon	ERS16287303		Abou Fayad et al. bioRxiv 2023
CNRVC230274	2023	Kenya	ERS20275829		This study
H231240238_1901530	2023	Kenya	SRR26217611		This study
CNRVC230106	2023	Kenya	ERS20275828		This study
CNRVC240128	2024	Mayotte	ERS20275841		This study
CNRVC240042	2024	Comoros	ERS20275835		This study
CNRVC240051	2024	Mayotte	ERS20275838		This study
CNRVC240027	2024	Comoros	ERS20275830		This study
CNRVC240037	2024	Tanzania	ERS20275833		This study
CNRVC240130	2024	Mayotte	ERS20275843		This study
CNRVC240106	2024	Comoros	ERS20275840		This study
CNRVC240043	2024	Comoros	ERS20275836		This study
CNRVC240038	2024	Tanzania	ERS20275834		This study
CNRVC240036	2024	Tanzania	ERS20275832		This study
CNRVC240069	2024	Mayotte	ERS20275839		This study
CNRVC240035	2024	Comoros	ERS20275831		This study

CNRVC240049	2024	Mayotte	ERS20275837	This study
CNRVC240129	2024	Tanzania	ERS20275842	This study
IDH-08389	2015	India	DRX179797	Morita et al. mBio 2020
THSTI_45869	2015	India	ERR2269951	Weill et al. Nature 2019
THSTI_52588	2016	India	ERR2270656	Weill et al. Nature 2019
THSTI_52629	2016	India	ERR2270657	Weill et al. Nature 2019
THSTI_55199	2017	India	ERR2270659	Weill et al. Nature 2019
THSTI_52665	2016	India	ERR2270658	Weill et al. Nature 2019
IDH-09473	2016	India	DRX179807	Morita et al. mBio 2020
IDH-09620	2016	India	DRX179808	Morita et al. mBio 2020
CNRVC190003	2019	India	ERR7166568	Smith et al. Emerg Infect Dis 2023
CNRVC190048	2019	India	ERR7166569	Smith et al. Emerg Infect Dis 2023
CNRVC190050	2019	India	ERR7166570	Smith et al. Emerg Infect Dis 2023
CNRVC190057	2019	India	ERR7166571	Smith et al. Emerg Infect Dis 2023
H224800437	2023	Unknown	SRR25431051	Rouard et al. Euro Surveill 2024
2021V-1160	2021	India	SRR20083339	Smith et al. Emerg Infect Dis 2023
CNRVC230015	2023	Bangladesh	ERS16748233	Rouard et al. Euro Surveill 2024
PNUSAV003594	2022	India	SRR22561727	Smith et al. Emerg Infect Dis 2023
H222520754	2023	India	SRR25434424	Rouard et al. Euro Surveill 2024
PNUSAV003223	2022	India	SRR21449932	Smith et al. Emerg Infect Dis 2023
SRR22936405	2022	Pakistan	SRR22936405	Unpublished (NIH, Pakistan)
PNUSAV003579	2022	Pakistan	SRR23644540	Smith et al. Emerg Infect Dis 2023
SRR22947118	2022	Pakistan	SRR22947118	Unpublished (NIH, Pakistan)
LD04947912	2023	Malawi	ERR11219417	Rouard et al. Euro Surveill 2024
YA00436893	2023	Malawi	ERR11219418	Rouard et al. Euro Surveill 2024
LD04952620	2023	Malawi	ERR11219413	Rouard et al. Euro Surveill 2024
LD04967541	2023	Malawi	ERR11219415	Rouard et al. Euro Surveill 2024
YA00444950	2023	Malawi	ERR11219416	Rouard et al. Euro Surveill 2024
IK04586933	2023	Malawi	ERR11219414	Rouard et al. Euro Surveill 2024
H222480296	2023	Pakistan	SRR25430856	Rouard et al. Euro Surveill 2024
No2022-2	2023	Iraq	ERS16984339	Rouard et al. Euro Surveill 2024
H222500491	2023	Iraq	SRR25430831	Rouard et al. Euro Surveill 2024
H223660049	2023	Unknown	SRR25430883	Rouard et al. Euro Surveill 2024
Vib827	2023	Iraq	SRR26802395	Rouard et al. Euro Surveill 2024
CNRVC230013	2023	Iraq	ERS16748231	Rouard et al. Euro Surveill 2024
CNRVC230011	2023	Iraq	ERS16748229	Rouard et al. Euro Surveill 2024
CNRVC230009	2023	Iraq	ERS16748227	Rouard et al. Euro Surveill 2024
Vib849	2023	Iraq	SRR26802391	Rouard et al. Euro Surveill 2024
2023-0040	2023	Iraq	ERR12177982	Rouard et al. Euro Surveill 2024
PNUSAV002943	2022	Iraq	SRR20325463	Smith et al. Emerg Infect Dis 2023
Vib838	2023	Iraq	SRR26802393	Rouard et al. Euro Surveill 2024
Vib826	2023	Iraq	SRR26802396	Rouard et al. Euro Surveill 2024
CNRVC220126	2022	Lebanon	ERS16282661	Abou Fayad et al. bioRxiv 2023
CNRVC220133	2022	Lebanon	ERS16282668	Abou Fayad et al. bioRxiv 2023
CNRVC220130	2022	Lebanon	ERS16282665	Abou Fayad et al. bioRxiv 2023
CNRVC220122	2022	Lebanon	ERS16282657	Abou Fayad et al. bioRxiv 2023
CNRVC220136	2022	Lebanon	ERS16282671	Abou Fayad et al. bioRxiv 2023
Vib835	2023	Iraq	SRR26802394	Rouard et al. Euro Surveill 2024
CNRVC230010	2023	Iraq	ERS16748228	Rouard et al. Euro Surveill 2024
Vib842	2023	Iraq	SRR26802392	Rouard et al. Euro Surveill 2024
CNRVC230012	2023	Iraq	ERS16748230	Rouard et al. Euro Surveill 2024
CNRVC230014	2023	Iraq	ERS16748232	Rouard et al. Euro Surveill 2024
920004-22	2023	Iraq	ERR12246784	Rouard et al. Euro Surveill 2024
CNRVC220032	2023	France	ERS16748235	Rouard et al. Euro Surveill 2024
H223380327	2023	Iran	SRR25430921	Rouard et al. Euro Surveill 2024
2023-0041	2023	United Arab Emirates	ERR12177986	Rouard et al. Euro Surveill 2024
SRR22947124	2022	Pakistan	SRR22947124	Unpublished (NIH, Pakistan)
SRR22936391	2022	Pakistan	SRR22936391	Unpublished (NIH, Pakistan)
H221641402	2023	Pakistan	SRR25434423	Rouard et al. Euro Surveill 2024
SRR22947123	2022	Pakistan	SRR22947123	Unpublished (NIH, Pakistan)
SRR22936389	2022	Pakistan	SRR22936389	Unpublished (NIH, Pakistan)

PNUSAV002918	2022	Pakistan	SRR20209284	Smith et al. Emerg Infect Dis 2023
SRR22947126	2022	Pakistan	SRR22947126	Unpublished (NIH, Pakistan)
No2022-1	2023	Pakistan	ERS16984338	Rouard et al. Euro Surveill 2024
SRR22936408	2022	Pakistan	SRR22936408	Unpublished (NIH, Pakistan)
SRR22936401	2022	Pakistan	SRR22936401	Unpublished (NIH, Pakistan)
PNUSAV003629	2022	Pakistan	SRR23644598	Smith et al. Emerg Infect Dis 2023
SRR22936396	2022	Pakistan	SRR22936396	Unpublished (NIH, Pakistan)
SRR22947122	2022	Pakistan	SRR22947122	Unpublished (NIH, Pakistan)
SRR22947121	2022	Pakistan	SRR22947121	Unpublished (NIH, Pakistan)
PNUSAV002693	2022	Pakistan	SRR18456400	Smith et al. Emerg Infect Dis 2023
Vch-Q4233	2022	Pakistan	SRR21074467	Sim et al. Microbiol Resour Announc 2023
H223560586	2023	Afghanistan	SRR25430833	Rouard et al. Euro Surveill 2024
H223560587	2023	Unknown	SRR25430849	Rouard et al. Euro Surveill 2024
PNUSAV002803	2022	Pakistan	SRR19326147	Smith et al. Emerg Infect Dis 2023
H221560698	2023	Pakistan	SRR25434422	Rouard et al. Euro Surveill 2024
SRR22936409	2022	Pakistan	SRR22936409	Unpublished (NIH, Pakistan)
H223520433	2023	Unknown	SRR25430858	Rouard et al. Euro Surveill 2024
SRR22936410	2022	Pakistan	SRR22936410	Unpublished (NIH, Pakistan)
SRR22936407	2022	Pakistan	SRR22936407	Unpublished (NIH, Pakistan)
H223440544	2023	Pakistan	SRR25431038	Rouard et al. Euro Surveill 2024
H223340512	2023	Pakistan	SRR25430835	Rouard et al. Euro Surveill 2024
H223720179	2023	Pakistan	SRR25431053	Rouard et al. Euro Surveill 2024
H222100782	2023	Pakistan	SRR25430852	Rouard et al. Euro Surveill 2024
PNUSAV003597	2022	Pakistan	SRR22561718	Smith et al. Emerg Infect Dis 2023
Vch-N1252	2022	Pakistan	SRR21074466	Sim et al. Microbiol Resour Announc 2023
SRR22936399	2022	Pakistan	SRR22936399	Unpublished (NIH, Pakistan)
PNUSAV002860	2022	Pakistan	SRR19537974	Smith et al. Emerg Infect Dis 2023
THSTI_56650	2017	India	ERR2270660	Weill et al. Nature 2019
THSTI_56712	2017	India	ERR2270662	Weill et al. Nature 2019
74_18	2018	Algeria	ERR7139718	Benamrouche et al. Emerg Infect Dis 2022
524_18	2018	Algeria	ERR7135567	Benamrouche et al. Emerg Infect Dis 2022
571_18	2018	Algeria	ERR7135571	Benamrouche et al. Emerg Infect Dis 2022
1523_18	2018	Algeria	ERR7135495	Benamrouche et al. Emerg Infect Dis 2022
KDCP137	2018	Bangladesh	SRR14297671	Angermeyer et al. mBio 2022
KDCP82	2018	Bangladesh	SRR14297663	Angermeyer et al. mBio 2022
KDCP152	2018	Bangladesh	SRR14297678	Angermeyer et al. mBio 2022
KDCP136	2018	Bangladesh	SRR14297670	Angermeyer et al. mBio 2022
KDCP168	2018	Bangladesh	SRR14297545	Angermeyer et al. mBio 2022
KDCP98	2018	Bangladesh	SRR14297668	Angermeyer et al. mBio 2022
KMCP90	2018	Bangladesh	SRR14297657	Angermeyer et al. mBio 2022
KDCP154	2018	Bangladesh	SRR14297679	Angermeyer et al. mBio 2022
KDCP87	2018	Bangladesh	SRR14297666	Angermeyer et al. mBio 2022
NALMLE08	2018	Bangladesh		SIUJ01 Baddam et al. mBio 2020
NALMLE02	2018	Bangladesh		SIUD01 Baddam et al. mBio 2020
KMCP55	2018	Bangladesh	SRR14297691	Angermeyer et al. mBio 2022
KMCP70	2018	Bangladesh	SRR14297565	Angermeyer et al. mBio 2022
KMCP69	2018	Bangladesh	SRR14297564	Angermeyer et al. mBio 2022
KDCP83	2018	Bangladesh	SRR14297665	Angermeyer et al. mBio 2022
KMCP68	2018	Bangladesh	SRR14297563	Angermeyer et al. mBio 2022
KMCP90	2018	Bangladesh	SRR14297567	Angermeyer et al. mBio 2022
KDCP147	2018	Bangladesh	SRR14297676	Angermeyer et al. mBio 2022
KDCP144	2018	Bangladesh	SRR14297674	Angermeyer et al. mBio 2022
KDCP140	2018	Bangladesh	SRR14297673	Angermeyer et al. mBio 2022
KDCP103	2018	Bangladesh	SRR14297669	Angermeyer et al. mBio 2022
KDCP79	2018	Bangladesh	SRR14297543	Angermeyer et al. mBio 2022
NALMLE26	2018	Bangladesh		SIVB01 Baddam et al. mBio 2020
KMCP72	2018	Bangladesh	SRR14297695	Angermeyer et al. mBio 2022
KDCP148	2018	Bangladesh	SRR14297677	Angermeyer et al. mBio 2022
THSTI_56695	2017	India	ERR2270661	Weill et al. Nature 2019
KMCP57	2018	Bangladesh	SRR14297560	Angermeyer et al. mBio 2022
KMCP56	2018	Bangladesh	SRR14297692	Angermeyer et al. mBio 2022

KMCP67	2018	Bangladesh	SRR14297694		Angermeyer et al. mBio 2022
KMCP88	2018	Bangladesh	SRR14297566		Angermeyer et al. mBio 2022
KMCP85	2018	Bangladesh	SRR14297697		Angermeyer et al. mBio 2022
KMCP61	2018	Bangladesh	SRR14297561		Angermeyer et al. mBio 2022
KMCP93	2018	Bangladesh	SRR14297568		Angermeyer et al. mBio 2022
KMCP65	2018	Bangladesh	SRR14297562		Angermeyer et al. mBio 2022
KMCP52	2018	Bangladesh	SRR14297690		Angermeyer et al. mBio 2022
NALMLE30	2018	Bangladesh		SIVF01	Baddam et al. mBio 2020
KDCP202	2019	Bangladesh	SRR14297681		Angermeyer et al. mBio 2022
KDCP260	2019	Bangladesh	SRR14297687		Angermeyer et al. mBio 2022
KDCP262	2019	Bangladesh	SRR14297554		Angermeyer et al. mBio 2022
KDCP254	2019	Bangladesh	SRR14297686		Angermeyer et al. mBio 2022
KDCP245	2019	Bangladesh	SRR14297553		Angermeyer et al. mBio 2022
KMCP119	2019	Bangladesh	SRR14297569		Angermeyer et al. mBio 2022
KMCP137	2019	Bangladesh	SRR14297571		Angermeyer et al. mBio 2022
KDCP250	2019	Bangladesh	SRR14297685		Angermeyer et al. mBio 2022
KDCP264	2019	Bangladesh	SRR14297556		Angermeyer et al. mBio 2022
DMAVC-17	2022	Bangladesh	DRR395010		Monir et al. Nat Commun 2022
DMAVC-21	2022	Bangladesh	DRR395014		Monir et al. Nat Commun 2022
DMAVC-15	2022	Bangladesh	DRR395008		Monir et al. Nat Commun 2022
DMAVC-4	2022	Bangladesh	DRR394997		Monir et al. Nat Commun 2022
DMAVC-19	2022	Bangladesh	DRR395012		Monir et al. Nat Commun 2022
DMAVC-8	2022	Bangladesh	DRR395001		Monir et al. Nat Commun 2022
DMAVC-18	2022	Bangladesh	DRR395011		Monir et al. Nat Commun 2022
560_2022	2023	Bangladesh	ERS17138786		Rouard et al. Euro Surveill 2024
KDCP215	2019	Bangladesh	SRR14297548		Angermeyer et al. mBio 2022
KDCP195	2019	Bangladesh	SRR14297680		Angermeyer et al. mBio 2022
KDCP241	2019	Bangladesh	SRR14297552		Angermeyer et al. mBio 2022
KMCP107	2019	Bangladesh	SRR14297699		Angermeyer et al. mBio 2022
KMCP134	2019	Bangladesh	SRR14297570		Angermeyer et al. mBio 2022
KMCP138	2019	Bangladesh	SRR14297700		Angermeyer et al. mBio 2022
KDCP231	2019	Bangladesh	SRR14297551		Angermeyer et al. mBio 2022
KDCP278	2019	Bangladesh	SRR14297557		Angermeyer et al. mBio 2022
CNRVC190225	2019	Bangladesh	ERR11264438		Smith et al. Emerg Infect Dis 2023
KMCP160	2019	Bangladesh	SRR14297648		Angermeyer et al. mBio 2022
KMCP160	2019	Bangladesh	SRR14297481		Angermeyer et al. mBio 2022
KDCP187	2019	Bangladesh	SRR14297547		Angermeyer et al. mBio 2022
KDCP226	2019	Bangladesh	SRR14297550		Angermeyer et al. mBio 2022
KDCP220	2019	Bangladesh	SRR14297549		Angermeyer et al. mBio 2022
KDCP208	2019	Bangladesh	SRR14297682		Angermeyer et al. mBio 2022
KDCP228	2019	Bangladesh	SRR14297684		Angermeyer et al. mBio 2022
KMCP146	2019	Bangladesh	SRR14297458		Angermeyer et al. mBio 2022
KDCP281	2019	Bangladesh	SRR14297558		Angermeyer et al. mBio 2022
KDCP270	2019	Bangladesh	SRR14297689		Angermeyer et al. mBio 2022
KMCP145	2019	Bangladesh	SRR14297701		Angermeyer et al. mBio 2022
DMAVC-6	2022	Bangladesh	DRR394999		Monir et al. Nat Commun 2022
DMAVC-11	2022	Bangladesh	DRR395004		Monir et al. Nat Commun 2022
DMAVC-3	2022	Bangladesh	DRR394996		Monir et al. Nat Commun 2022
DMAVC-7	2022	Bangladesh	DRR395000		Monir et al. Nat Commun 2022
DMAVC-16	2022	Bangladesh	DRR395009		Monir et al. Nat Commun 2022
DMAVC-1	2022	Bangladesh	DRR394994		Monir et al. Nat Commun 2022
DMAVC-20	2021	Bangladesh	DRR395013		Monir et al. Nat Commun 2022
H221660698	2023	Bangladesh	SRR25431050		Rouard et al. Euro Surveill 2024
DMAVC-22	2022	Bangladesh	DRR395015		Monir et al. Nat Commun 2022
H221540590	2023	Bangladesh	SRR25430923		Rouard et al. Euro Surveill 2024
DMAVC-10	2022	Bangladesh	DRR395003		Monir et al. Nat Commun 2022
DMAVC-12	2022	Bangladesh	DRR395005		Monir et al. Nat Commun 2022
22040725-VUM	2023	Bangladesh	SRR23703406		Rouard et al. Euro Surveill 2024
DMAVC-2	2022	Bangladesh	DRR394995		Monir et al. Nat Commun 2022
DMAVC-13	2022	Bangladesh	DRR395006		Monir et al. Nat Commun 2022
DMAVC-5	2022	Bangladesh	DRR394998		Monir et al. Nat Commun 2022

DMAVC-9	2022	Bangladesh	DRR395002	Monir et al. Nat Commun 2022
H221460887	2023	Bangladesh	SRR25434472	Rouard et al. Euro Surveill 2024
DMAVC-14	2022	Bangladesh	DRR395007	Monir et al. Nat Commun 2022

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