

Supplementary Data

GISAID identifier	Sequencing platform	Collection date	Sequencing facility
EPI_ISL_452363	Oxford Nanopore GridION	31 Jan 2020	Laboratory of Infectious Diseases Center of Beijing Ditan Hospital
EPI_ISL_452361	Oxford Nanopore GridION	11 Feb 2020	Laboratory of Infectious Diseases Center of Beijing Ditan Hospital
EPI_ISL_1069206	Oxford Nanopore MinION	26 Jan 2020	Microbiology Laboratory, Lu'an Center for Disease Control and Prevention, Anhui
EPI_ISL_413017	Illumina MiSeq	8 Feb 2020	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University
EPI_ISL_451325	Oxford Nanopore MinION	31 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451394	Oxford Nanopore MinION	3 Feb 2020	West China Hospital of Sichuan University
EPI_ISL_451390	Oxford Nanopore MinION	23 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451322	Oxford Nanopore MinION	1 Feb 2020	West China Hospital of Sichuan University
EPI_ISL_451389	Oxford Nanopore MinION	30 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451377	Oxford Nanopore MinION	8 Feb 2020	West China Hospital of Sichuan University
EPI_ISL_451330	Oxford Nanopore MinION	29 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451319	Oxford Nanopore MinION	27 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451320	Oxford Nanopore MinION	27 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451353	Oxford Nanopore MinION	27 Jan 2020	West China Hospital of Sichuan University
EPI_ISL_451076	Oxford Nanopore MinION	8 Feb 2020	West China Hospital of Sichuan University

EPI_ISL_454919	Oxford Nanopore MinION	3 Feb 2020	Wuhan Chain Medical Labs (CMLabs)
EPI_ISL_462306	Illumina MiSeq	14 Feb 2020	National Public Health Laboratory, National Centre for Infectious Diseases, Singapore
EPI_ISL_493179	Oxford Nanopore PromethION	26 Jan 2020	National Virus Resource Center, Chinese Academy of Sciences, Wuhan
EPI_ISL_493180	Oxford Nanopore PromethION	26 Jan 2020	National Virus Resource Center, Chinese Academy of Sciences, Wuhan
EPI_ISL_493182	Oxford Nanopore PromethION	26 Jan 2020	National Virus Resource Center, Chinese Academy of Sciences, Wuhan

Table S1 Sequencing platforms and facilities used to sequence the 20 intermediate genomes
Sequencing information was derived from the GISAID entry for each genome.

EPI_ISL_451313, EPI_ISL_451314, EPI_ISL_451315, EPI_ISL_451316, EPI_ISL_451321,
 EPI_ISL_451326, EPI_ISL_451327, EPI_ISL_451328, EPI_ISL_451329, EPI_ISL_451331,
 EPI_ISL_451334, EPI_ISL_451338, EPI_ISL_451344, EPI_ISL_451345, EPI_ISL_451346,
 EPI_ISL_451354, EPI_ISL_451356, EPI_ISL_451357, EPI_ISL_451359, EPI_ISL_451360,
 EPI_ISL_451365, EPI_ISL_451369, EPI_ISL_451370, EPI_ISL_451371, EPI_ISL_451374,
 EPI_ISL_451376, EPI_ISL_451378, EPI_ISL_451379, EPI_ISL_451380, EPI_ISL_451381,
 EPI_ISL_451382, EPI_ISL_451384, EPI_ISL_451385, EPI_ISL_451386, EPI_ISL_451387,
 EPI_ISL_451388, EPI_ISL_451391, EPI_ISL_451392, EPI_ISL_451395, EPI_ISL_451398,
 EPI_ISL_454930, EPI_ISL_454931, EPI_ISL_454932, EPI_ISL_454933, EPI_ISL_454934,
 EPI_ISL_454935, EPI_ISL_454936, EPI_ISL_454937, EPI_ISL_454980, EPI_ISL_454981,
 EPI_ISL_455374, EPI_ISL_455375, EPI_ISL_455386, EPI_ISL_455391

Supp Data S1 Genomes from the study by Lin et al (2020) that were included in the analysis of Pekar et al