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Supplementary Material

Inference framework to estimate comparative transmissibility

We assumed that the N501Y mutation and $\Delta 69/\Delta 70$ deletions characterize the three strains 501N, 501Y Variant 1 and 501Y Variant 2, but their differential transmissibility (if any) might be attributable to the combination of N501Y and other mutations including $\Delta 69/\Delta 70$ deletions acquired in the emergence of 501Y Variant 1 and 2 lineages (Figure 1, Table 1 and Table S1). For conciseness, we used *N*, *Y*1 and *Y*2 to denote the three strains. We defined the comparative transmissibility of any two strains as the ratio of their basic reproductive numbers. That is, the comparative transmissibility of strains *Y*1 and *Y*2 with respective to strain *N* was $\sigma_{Y1} = R_0^{Y1}/R_0^N$ and $\sigma_{Y2} = R_0^{Y2}/R_0^N$, respectively.

We formulated a framework to infer σ_{Y1} and σ_{Y2} under the following base case assumptions: (1) the three strains co-circulated locally during our study period (September 22 to November 16, 2020); (2) non-pharmaceutical interventions (NPIs) had the same effect on all three strains; (3) the probability that an infected person was selected for viral sequencing did not depend on which strain he/she was infected with; (4) recovery from infection with any strain provided protection against reinfection of all strains during our study period; (5) age-specific susceptibility to infection (if any) was the same for all three strains; and (6) after community transmission of strains *Y*1 and *Y*2 have been established, the effect of further de novo emergence on their prevalence was negligible.

Under these base case assumptions [8, 9], the next generation matrix (NGM) of infections by strains Y1 and Y2 were σ_{Y1} and σ_{Y2} times that of the strain N. Let $\rho_j(t)$ be the proportion of strain j among all new COVID-19 infections generated at time t. As the pandemic unfolds, $\rho_j(t)$ would increase monotonically towards 1 if strain j had the highest comparative transmissibility. In our previous work [8, 9], we have shown that $\rho_j(t)$ can be well-approximated using the equation:

$$\rho_j(t) = \frac{\int_0^t \sigma_j g^j(t-a)\rho_j(a)i(a)da}{\sum_{k \in (N,Y1,Y2)} \int_0^t \sigma_k g^k(t-a)\rho_k(a)i(a)da}$$

where i(t) was the total incidence rate (i.e., including three strains), g^j was the generation time distribution for strain *j*. In the base case, we assumed that all three strains had the same generation time distribution with mean 5.4 days [11]. Let Z_d^j be the number of SARS-CoV-2 sequences sampled on day *d* that was strain *j*, and $\tilde{\iota}(t)$ be a reliable proxy of the incidence rate i(t). We substitute i(t)with $\tilde{\iota}(t)$ and denote the resulting approximation of $\rho_j(t)$ by $\tilde{\rho}_j(t)$. The comparative transmissibility of strains Y1 and Y2 with respect to strain N (i.e., σ_{Y1} and σ_{Y2}) were estimated using the following likelihood function:

$$L(\sigma_{Y_1}, \sigma_{Y_2}) = \prod_d \left(\frac{\left(Z_d^N + Z_d^{Y_1} + Z_d^{Y_2} \right)!}{Z_d^N ! Z_d^{Y_1} ! Z_d^{Y_2} !} \prod_{j \in (N, Y_1, Y_2)} \left(\int_d^{d+1} \tilde{\rho}_j(t) \right)^{Z_d^j} \right)$$

The statistical inference was performed in a Bayesian framework with non-informative (flat) priors using Markov Chain Monte Carlo.

Discussion about assumptions of the inference framework

Our inference framework is based on the six assumptions described above and its application on the comparative transmissibility of 501N, 501Y Variant 1 and 501Y Variant 2 has several limitations.

First, we assumed the three strains cocirculated locally during the study period (September 22 to November 16, 2020) but our phylogenetic analyses suggest that 501Y Variant 1 and 2 have clear geographical separation in Wales vs England. Our analyses about comparative transmissibility should not be substantially affected because 501N cocirculated with 501Y Variant 1 in Wales and 501N cocirculated with 501Y Variant 2 in England respectively, and the basic reproductive number of 501N should remain the same. However, the effective reproductive number of 501N might be different in Wales and England due to different non-pharmaceutical interventions implemented in different locations (e.g., Tier 1-3 interventions) between September 22 and November 16. Therefore, it is urgent to compare our estimates of σ_{Y1} and σ_{Y2} to observed serial interval and effective reproductive number of 501Y Variant 2 from contact tracing results of cluster of cases.

Second, we assumed the probability that an infected person was selected for sequencing did not depend on which strain he/she was infected with. Given the geographical separation of 501Y Variant 1 and 2 in Wales and England, it is likely that a person infected with 501Y Variant 2 in England had a higher probability to be selected for sequencing because England has a much higher coverage of sequencing pipelines (Figure 2) [3]. Nonetheless, as discussed above, our estimates of comparative transmissibility should not be substantially biased given 501N was used as the comparator.

Third, we assumed recovery from infection with any strain provided protection against reinfection of all strains during our study period, but 501Y Variant 2 carries an unusually large number of mutations

and some of them might link to immunoescape that were first identified in immunocompromised patients, such as $\Delta 69/\Delta 70$ (Table S1). It is therefore unknown to what extent a person infected by one strain is protected against infection of another strain. Future studies of the individual and combinatorial effects of these mutations to the viral phenotypes are warranted.

Fourth, the currently available data did not allow us to explore whether age-specific susceptibility to infection was the same for the three strains. If the N501Y mutation would increase the binding to human ACE2, it might increase the susceptibility of children to 501Y Variant 2 [16]. Thus, future work from contact tracing or household study is required to clarify the role of N501Y and the associated effects of age-susceptibility.

Gene	Changes of amino acids	Potential effects on SARS-CoV-2
Spike	H69, V70 deletion	Enhanced infectivity in cell models [17]; Linked to
		immune escape in immunocompromised patients [18]
	N501Y	Enhanced binding affinity to human ACE2 [4, 5];
		Increased occupancy of the open conformation of the
		spike protein [6]
	P681H	Adjacent to the furin cleavage site which is of
		biological significance [2]

 Table S1. Potential effects of the changes of amino acids on spike protein of SARS-CoV-2

Table S2. Acknowledgement to the contributors of the SARS-CoV-2 sequences used in this study. We gratefully acknowledge the following Authors from the Originating laboratories responsible for obtaining the specimens, as well as the Submitting laboratories where the genome data (n=7,003) were generated and shared via GISAID, on which this research is based. All Submitters of data may be contacted directly via www.gisaid.org.

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EPI_ISL_660561	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660562	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660579	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660581	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660570	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660567	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660584	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660569	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660577	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660571	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660566	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660572	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660573	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660583	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660586	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660587	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660580	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660553	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
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EPI_ISL_660578	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
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EPI_ISL_660575	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660574	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_693664	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
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EPI_ISL_693673	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al

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EPI_ISL_660589	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660599	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660590	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660554	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
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EPI_ISL_660559	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660582	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_660560	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
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EPI_ISL_626600	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626601	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626602	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626607	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626609	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626611	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626612	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626613	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626616	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626618	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626619	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al

EPI_ISL_626622	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_626623	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_ISL_414647	Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB)	Placide Mbala-Kingebeni et al
EPI_ISL_668700	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668818	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668701	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668702	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668553	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668703	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668589	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668754	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668819	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668820	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668821	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668554	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668822	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668704	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668836	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668705	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668706	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668707	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668823	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668590	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668824	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668602	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668755	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668756	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668591	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668577	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668603	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al
EPI_ISL_668825	Department of Virus and Microbiological Special Diagnostics,	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Copenhagen, Denmark	University, Denmark	Consortium et al

EPI_ISL_668578	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668826	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668708	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668827	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668709	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668650	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668710	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668734	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668742	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668828	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668711	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668712	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668713	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_668651	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669785	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669636	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669637	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669786	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669548	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669787	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669638	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669612	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669639	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669495	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669773	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669613	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669640	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669525	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669521	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669774	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669641	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L

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EPI_ISL_669643	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669614	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669788	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669789	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669644	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669645	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669646	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669790	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669538	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669791	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669792	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669647	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
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EPI_ISL_669649	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669650	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669651	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669758	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669652	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669793	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669653	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669654	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669655	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669794	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669656	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669795	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669796	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669657	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_669658	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
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EPI_ISL_669661	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
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EPI_ISL_669709	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
EPI_ISL_669783	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen L
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EPI_ISL_682768	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
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EPI_ISL_682778	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
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EPI_ISL_682783	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682784	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682787	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682788	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682797	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682798	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682799	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682805	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682808	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682816	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682818	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682823	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682826	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682836	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
EPI_ISL_682839	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
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EPI_ISL_682849	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen I
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EPI_ISL_682906	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682911	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682912	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682913	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682915	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682918	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682921	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682930	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682932	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682942	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682943	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
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EPI_ISL_682982	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
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EPI_ISL_682989	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682991	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
EPI_ISL_682992	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
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EPI_ISL_682996	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertser
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EPI_ISL_617504	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617643	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617578	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617790	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616619	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616633	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616634	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616635	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616652	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616548	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616695	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616702	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616711	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616714	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616727	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616728	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616732	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616746	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616802	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616805	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616847	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616859	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615968	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615972	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615978	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615983	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615996	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616017	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616324	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616326	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_616368	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616369	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616044	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
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EPI_ISL_616065	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616083	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616087	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616113	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616119	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616156	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616205	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616269	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616310	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616315	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616320	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616335	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616345	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616357	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616372	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616402	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615424	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615425	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615448	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622718	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622704	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615594	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615607	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615629	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615630	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615631	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615632	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615633	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_615634	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615826	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615828	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615843	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615857	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615859	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615872	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615873	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615885	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615761	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615767	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615779	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615786	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615787	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615788	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615789	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615790	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615793	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615794	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615819	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622034	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622042	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622051	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622053	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622054	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622056	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622057	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622058	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622061	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622066	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622070	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_621942	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621951	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621953	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621959	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621960	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621967	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621971	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621976	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621977	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621979	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622084	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622089	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622111	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622139	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615716	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615719	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615721	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615731	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615743	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615522	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615543	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615380	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615381	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615382	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615383	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615385	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615386	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615388	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615389	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615390	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615391	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_615392	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615394	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615395	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615396	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621827	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621833	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621834	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621835	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621836	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621838	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621839	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621840	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621852	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615652	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615653	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615657	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615661	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615667	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615674	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615680	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615687	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615689	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615690	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615691	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615692	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615693	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615374	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621323	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621326	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621336	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621341	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_621342	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621343	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621350	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621352	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621353	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621364	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621283	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621303	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621304	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621310	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621878	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621882	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621901	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621906	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621907	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621930	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621931	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621371	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621935	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622153	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622158	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622159	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622175	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622176	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621372	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621380	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621381	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621383	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621385	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621390	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621425	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_621427	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621437	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621517	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621525	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621534	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621581	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621443	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621453	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621454	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621465	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621467	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621481	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621483	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621495	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621496	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621501	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621512	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622756	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621815	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622759	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621772	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621813	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621776	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621592	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621593	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621596	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621606	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621618	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621638	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621644	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621645			

EPI_ISL_621656	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621675	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621679	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621680	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621681	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621684	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621692	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621693	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621695	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621696	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621697	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621699	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621704	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621705	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621708	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621714	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621715	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621716	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621718	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621723	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621743	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621759	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615172	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615175	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615179	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615183	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615205	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615211	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615212	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615234	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615239	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_615246	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615283	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615285	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615286	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615288	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615289	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615290	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615291	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615292	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615299	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615308	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615309	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615310	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615328	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615348	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615351	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615356	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615368	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620802	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620804	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620805	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620806	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620808	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620812	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620813	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620818	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620829	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620858	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620864	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620867	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620870	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_620871	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620872	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620873	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620874	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620875	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620876	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620877	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620878	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620879	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620882	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620884	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620902	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620904	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620907	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620909	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620911	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620914	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620918	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620919	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620928	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620934	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620944	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619938	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619942	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619949	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619969	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621221	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621243	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620954	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620958	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620965	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_620974	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620992	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620997	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621000	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621007	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621008	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621023	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621033	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621036	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621037	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621039	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621048	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620158	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620161	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620163	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620164	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620165	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620166	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620168	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620174	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620175	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620176	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620181	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620182	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620184	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620191	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620197	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620199	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620207	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620215	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620223	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_621090	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621119	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621132	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620230	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620232	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620233	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620234	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620235	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620240	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620241	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620265	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620266	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620272	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620289	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620294	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620299	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621154	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621155	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621171	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_621182	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620064	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620066	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620069	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620070	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620075	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620077	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620080	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620085	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620094	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620096	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620097	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_620105	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620117	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620118	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620119	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620121	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620123	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619989	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619990	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620005	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620009	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620038	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620041	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620042	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620043	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620044	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620047	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_615582	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622331	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622301	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_622314	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620305	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620320	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620321	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620323	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620345	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620346	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620347	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620348	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620350	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620351	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620353	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_620355	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620357	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620358	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620359	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620363	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620382	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_620402	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619411	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619415	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619417	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619438	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619446	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619604	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619606	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619608	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619609	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619610	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619611	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619612	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619617	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619618	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619619	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619623	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619626	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619632	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619633	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619639	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619640	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619641	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619642	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619643	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_619646	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619649	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619653	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619666	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619678	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619538	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619557	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619571	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619572	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619578	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619580	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619584	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619587	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619591	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619592	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619596	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619597	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619598	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619602	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619460	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619470	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619473	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619474	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619478	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619479	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619480	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619481	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619482	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619484	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619485	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619488	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_619489	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619490	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619503	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619518	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619521	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619523	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619524	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619526	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619527	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619528	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619529	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619530	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619679	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619680	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619681	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619682	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619683	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619684	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619685	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619686	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619688	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619689	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619690	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619704	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619707	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619708	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619710	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619711	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619723	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619727	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619768	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_619769	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619779	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619780	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619807	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619809	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619823	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619825	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619833	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619837	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619845	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619870	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619874	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619875	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619886	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619897	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619898	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618981	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618982	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619070	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618983	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618935	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618984	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618985	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618940	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619071	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618986	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618941	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618987	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618942	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618943	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618944	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_618988	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618989	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618990	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619072	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618991	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618992	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619073	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618993	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618994	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618995	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618996	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618997	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618998	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619074	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619075	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618999	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619000	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortia et al
	Statens Serum Institut, Denmark	University, Denmark	Consoluta et al
EPI_ISL_619001	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortia et al
EPI_ISL_619001 EPI_ISL_619002	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_619002	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_619002 EPI_ISL_619003	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
EPI_ISL_619002 EPI_ISL_619003 EPI_ISL_619004	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_619002 EPI_ISL_619003 EPI_ISL_619004 EPI_ISL_619007	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
EPI_ISL_619002 EPI_ISL_619003 EPI_ISL_619004 EPI_ISL_619007 EPI_ISL_619008	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
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EPI_ISL_618932	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618946	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619076	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618947	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618948	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619015	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619016	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619077	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618919	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619078	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619061	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618949	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619020	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619029	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619022	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
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EPI_ISL_619024	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619024			
	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome
EPI_ISL_619027	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_619027 EPI_ISL_619025	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
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EPI_ISL_618952	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618911	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619036	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619040	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619042	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618953	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619069	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618950	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618912	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618954	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619044	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619038	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619109	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619041	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619043	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618939	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619045	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619047	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619050	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618407	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618411	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618412	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618422	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618956	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619062	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619051	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618414	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619046	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_619048	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618415	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_618472	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618480	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618435	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618473	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618426	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618474	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618481	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618445	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618492	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618493	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618457	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618458	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618468	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618449	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618459	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618488	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618450	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618516	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618523	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618533	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618541	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618546	Department of Virus and Microbiological Special Diagnostics,	Albertson Jab, Department of Chemistry and Riessianse, Aalberg	
	Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortia et al
EPI_ISL_618551	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark		
EPI_ISL_618551	Department of Virus and Microbiological Special Diagnostics,	University, Denmark	Consortia et al
EPI_ISL_618510		Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
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EPI_ISL_618510	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
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EPI_ISL_618510 EPI_ISL_618535 EPI_ISL_618502	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_618510 EPI_ISL_618535 EPI_ISL_618502 EPI_ISL_618548	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_618510 EPI_ISL_618535 EPI_ISL_618502 EPI_ISL_618548 EPI_ISL_618543	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al

EPI_ISL_618505	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618556	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618522	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618559	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618584	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618594	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618608	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618617	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618560	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618561	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618579	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618623	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618600	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618690	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618715	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618664	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618692	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618702	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618686	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618694	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618687	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618723	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618672	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618681	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618707	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618724	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618708	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618747	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618785	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618786	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618749	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_618755	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618773	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618796	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618781	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618788	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618775	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618789	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618744	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618753	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618818	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618828	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618835	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618844	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618852	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618810	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618820	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618829	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618830	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618823	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618838	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618861	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618870	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618839	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618862	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618871	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618849	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618873	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618874	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618816	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618865	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616979	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_616977	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618877	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618883	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618892	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618879	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618894	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618885	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_618902	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617060	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617102	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616954	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616978	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616980	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616981	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616986	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617061	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616925	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616990	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616991	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616952	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616984	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617062	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617063	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616989	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616953	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616940	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616938	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616939	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616987	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617056	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617055	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_616982	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616983	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616985	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616988	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616995	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616996	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617000	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616999	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616941	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617064	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616998	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616992	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616993	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616942	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616997	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616994	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617001	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617065	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617006	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617008	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617010	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617004	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617007	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616937	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617002	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617009	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617011	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617066	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617013	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617012	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617003	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_617005	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616921	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617017	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617018	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617019	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617023	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617026	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617020	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616944	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617014	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616943	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617021	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617024	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617067	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617015	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617025	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617022	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617016	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617028	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617030	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617033	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617027	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617031	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617032	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616934	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616945	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617029	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617068	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617034	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617036	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617041	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_616935	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617038	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617042	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617059	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617039	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617037	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616936	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617040	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617035	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617906	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617915	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617932	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617045	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617907	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617043	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617044	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617046	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617935	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617936	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616946	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_616951	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617914	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_617921	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625772	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625757	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625763	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625733	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625773	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625758	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625764	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625765	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_625759	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625767	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625760	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625768	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625770	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625761	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625766	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625762	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625769	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625853	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625771	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625774	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625961	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625941	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625708	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625944	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625963	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625854	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625938	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625855			
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625856			
EPI_ISL_625856	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625780	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_625780	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_625780 EPI_ISL_625980	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
EPI_ISL_625780 EPI_ISL_625980 EPI_ISL_625712	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_625780 EPI_ISL_625980 EPI_ISL_625712 EPI_ISL_626001	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
EPI_ISL_625780 EPI_ISL_625980 EPI_ISL_625712 EPI_ISL_626001 EPI_ISL_625778	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome
EPI_ISL_625780 EPI_ISL_625980 EPI_ISL_625712 EPI_ISL_626001 EPI_ISL_625778 EPI_ISL_625717	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_625780 EPI_ISL_625980 EPI_ISL_625712 EPI_ISL_626001 EPI_ISL_625778 EPI_ISL_625717 EPI_ISL_625974	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al

EPI_ISL_625718	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625858	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625719	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625793	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625787	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625789	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625713	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625794	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625795	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625784	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625785	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625790	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625860	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625859	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625796	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625715	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625887	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625888	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625720	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625797			
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625792			
EPI_ISL_625792	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625798	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_625798	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
EPI_ISL_625798 EPI_ISL_625786	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics,	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
EPI_ISL_625798 EPI_ISL_625786 EPI_ISL_625788	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_625798 EPI_ISL_625786 EPI_ISL_625788 EPI_ISL_625791	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome Consortia et al Danish Covid-19 Genome
EPI_ISL_625798 EPI_ISL_625786 EPI_ISL_625788 EPI_ISL_625791 EPI_ISL_625804	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome
EPI_ISL_625798 EPI_ISL_625786 EPI_ISL_625788 EPI_ISL_625791 EPI_ISL_625804 EPI_ISL_625805	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al
EPI_ISL_625798 EPI_ISL_625786 EPI_ISL_625788 EPI_ISL_625791 EPI_ISL_625804 EPI_ISL_625805 EPI_ISL_625731	Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Consortia et al Danish Covid-19 Genome Consortia et al

EPI_ISL_625861	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625806	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625809	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625800	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625810	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625714	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625725	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625734	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625803	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625807	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625755	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625814	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625862	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625811	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625815	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625816	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625736	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625812	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625813	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625721	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625735	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625817	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625820	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625818	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625823	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625722	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625824	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625723	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625826	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625821	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al
EPI_ISL_625825	Department of Virus and Microbiological Special Diagnostics,	Albertsen lab, Department of Chemistry and Bioscience, Aalborg	Danish Covid-19 Genome
	Statens Serum Institut, Denmark	University, Denmark	Consortia et al

EPI_ISL_625863	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_625822	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_625819	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_625864	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_625836	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_625838	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_625827	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
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EPI_ISL_668805	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668739	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668740	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668644	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668806	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668691	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668692	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668748	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668807	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668656	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668749	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668645	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668808	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668657	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668809	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668646	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668810	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668811	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668693	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668576	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668647	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668812	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668750	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668694	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
EPI_ISL_668573	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen
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Albertsen Lab, Departmei Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668566
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668528
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668741
Albertsen Lab, Departmen Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668658
Albertsen Lab, Departmen Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668696
Albertsen Lab, Departmen Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668697
Albertsen Lab, Departmen Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668753
Albertsen Lab, Departmei Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668835
Albertsen Lab, Departmei Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668813
Albertsen Lab, Departmei Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668814
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668574
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668529
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668659
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Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668575
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Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668660
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668567
Albertsen Lab, Departmei Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668516
Albertsen Lab, Departmer Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668816
Albertsen Lab, Departmer Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668698
Albertsen Lab, Departmer Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668545
Albertsen Lab, Departmer Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668661
Albertsen Lab, Departmer Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668699
Albertsen Lab, Departmei Uni	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668662
Albertsen Lab, Departmei Un	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	EPI_ISL_668817
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EPI_ISL_407071	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_407073	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_412116	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414040	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414041	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414042	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414043	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414044	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414005	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414008	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414009	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414010	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414522	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414011	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415129	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414523	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414012	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414006	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414007	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415130	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415131	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414524	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414013	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415132	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415133	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415134	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415135	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415136	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415137	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al

EPI_ISL_415138	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415139	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415140	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415141	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415142	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415143	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415144	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415145	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415146	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
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EPI_ISL_415148	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415149	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414525	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_414526	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_415150	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Monica Galiano et al
EPI_ISL_686537	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_603191	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_603192	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_603198	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_603202	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_622845	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_593818	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_622852	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_622859	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_603215	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_653940	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_653933	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_632796	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI_ISL_653951	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_653952	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_653943	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al

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EPI_ISL_637168	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637169	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637170	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637171	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_666740	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_660755	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637172	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637173	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637174	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_637175	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_653954	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_660777	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_660791	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678665	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678671	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678673	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678682	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678686	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678694	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678696	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678697	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693484	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693398	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693399	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693400	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693401	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693402	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683461	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693403	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678715	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al

EPI_ISL_693397	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_693404	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683472	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683462	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683463	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683464	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683465	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683453	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683466	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683467	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683468	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683469	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683473	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683470	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_683471	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678788	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team et al
EPI_ISL_678788 EPI_ISL_558770		COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	
	Health England	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	al The Lighthouse Lab in Alderley
EPI_ISL_558770	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	al The Lighthouse Lab in Alderley Park et al
EPI_ISL_558770 EPI_ISL_572857	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Tanya Golubchik et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Tanya Golubchik et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859 EPI_ISL_572850	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Tanya Golubchik et al Tanya Golubchik et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859 EPI_ISL_572850 EPI_ISL_572860	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859 EPI_ISL_572850 EPI_ISL_572860 EPI_ISL_572861	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859 EPI_ISL_572850 EPI_ISL_572860 EPI_ISL_572861 EPI_ISL_568142	Health England Lighthouse Lab in Alderley Park • Arford Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital • Oxford Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital • Oxford Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital • Oxford Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital • Oxford Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital • Oxford Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital • Chord Viromics, NDM, University of Oxford; Oxford University • Mospitals; Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Jacquelyn Wynn et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859 EPI_ISL_572850 EPI_ISL_572860 EPI_ISL_572861 EPI_ISL_568142 EPI_ISL_568013	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital University, Basingstoke and North Hampshire Hospital Usithouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Jacquelyn Wynn et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572850 EPI_ISL_572850 EPI_ISL_572861 EPI_ISL_568142 EPI_ISL_568013 EPI_ISL_568087	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital University: Deford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital University: Basingstoke and North Hampshire Hospital University Basingstoke and North Hampshire Hospital University: Basingstoke and North Hampshire Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Jacquelyn Wynn et al Jacquelyn Wynn et al
EPI_ISL_558770 EPI_ISL_572857 EPI_ISL_572858 EPI_ISL_572849 EPI_ISL_572859 EPI_ISL_572850 EPI_ISL_572860 EPI_ISL_572861 EPI_ISL_568142 EPI_ISL_568013 EPI_ISL_568087 EPI_ISL_567765	Health England Lighthouse Lab in Alderley Park Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Alderley Park Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	al The Lighthouse Lab in Alderley Park et al Tanya Golubchik et al Jacquelyn Wynn et al Jacquelyn Wynn et al

EPI_ISL_572602	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_584166	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_566357	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_566375	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_576655	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_576687	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_589385	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_589276	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_580436	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_580600	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_579984	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_580240	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_580251	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587932	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587890	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_588020	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_588008	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587985	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_586892	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_586862	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_586685	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_586611	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
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EPI_ISL_586741	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587168	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
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EPI_ISL_587019	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587174	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587221	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al

EPI_ISL_587166	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587191	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_587254	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597824	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597739	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597678	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597736	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597674	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597582	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597872	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598186	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598010	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598207	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598240	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598176	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_597985	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598154	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_598094	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_630450	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_630670	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_630369	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
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EPI_ISL_664526	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al

EPI_ISL_664746	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
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EPI_ISL_655653	Lighthouse Lab in Alderley Park	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Jacquelyn Wynn et al
EDI ISI 655715	Lighthourse Lab in Alderlay Park	UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_655715	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacqueign wynn et ar
EPI_ISL_655966	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_655834	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
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EPI_ISL_678874	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_678875	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_678879	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_678901	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_678904	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_678913	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_656594	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
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EPI_ISL_664747	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_678940	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_678953	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
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EPI_ISL_678974	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
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EPI_ISL_675294	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al

EPI_ISL_675186	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675234	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675429	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675463	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675162	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675422	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675750	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
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EPI_ISL_675766	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_674240	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_674364	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_675822	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_674253	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
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EPI_ISL_693333	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Jacquelyn Wynn et al
EPI_ISL_679042	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology et al
EPI_ISL_650126	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology et al
EPI_ISL_650760	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology et al
EPI_ISL_651422	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology et al
EPI_ISL_679133	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology et al
EPI_ISL_514443	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Luke W Meredith et al
EPI_ISL_512334	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Luke W Meredith et al
EPI_ISL_512335	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Luke W Meredith et al
EPI_ISL_529224	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Luke W Meredith et al
EPI_ISL_549388	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_549374	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572862	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572484	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572863	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
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EPI_ISL_572616	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572851	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572867	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572642	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572524	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al

EPI_ISL_572852	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572868	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_572541	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_612123	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638066	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_637503	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638067	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638068	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_651423	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_650580	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
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EPI_ISL_664599	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_664542	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_664528	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_664748	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_664529	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
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EPI_ISL_664527	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_664601	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_664139	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
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EPI_ISL_679175	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_679240	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_704610	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_704611	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_704612	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_704613	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_551918	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_551869	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_581396	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_581394	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_566444	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_572869	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al

EPI_ISL_572870	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638069	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638070	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638071	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_576958	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_584392	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_584409	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_584432	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_580391	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_594620	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_609542	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_609753	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_609659	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_609789	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
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EPI_ISL_596975	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
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EPI_ISL_596982	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_597084	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_608430	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al

EPI_ISL_608577	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_608629	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_608531	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_637504	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_637677	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_608497	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_608571	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_637310	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638072	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_608363	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_608523	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_637628	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_637451	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_637391	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
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EPI_ISL_626785	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_637678	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_610775	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
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EPI_ISL_673160	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_672940	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_673099	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643513	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643363	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643431	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643472	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643475	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643519	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643378	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643338	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643435	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643341	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643603	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643552	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643501	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643318	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_643401	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_643356	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_647519	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647522	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647781	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647773	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al

EPI_ISL_647600	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_647512	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647737	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647485	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_647663	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647567	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647725	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647621	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_647237	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_647688	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_647148	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_646085	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647445	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_646031	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647389	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647219	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_645897	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_646091	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al

EPI_ISL_645920	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_646089	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_647258	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_647449	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_647132	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_647341	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_647422	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
EPI_ISL_647373	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
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EPI_ISL_647190	Lighthouse Lab in Cambridge	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Rob Howes et al
LFI_13L_047130	Lighthouse Lab in Cambridge	UK) Consortium	NOD HOWES ET al
EPI_ISL_647264	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647173	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647188	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647304	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_647181	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
EPI_ISL_664752	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_664752 EPI_ISL_664602	Trust/Department of Infection, Immunity and Cardiovascular		Thushan de Silva et al Thushan de Silva et al
	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_664602	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_664602 EPI_ISL_651078	 Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department, Sheffield Teaching Hospitals NHS Foundation 	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al Thushan de Silva et al
EPI_ISL_664602 EPI_ISL_651078 EPI_ISL_664600	 Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield 	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Thushan de Silva et al Thushan de Silva et al Thushan de Silva et al
EPI_ISL_664602 EPI_ISL_651078 EPI_ISL_664600 EPI_ISL_659373	 Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department, Sheffield Teaching Hospitals NHS Foundation Disease, The Medical School, University of Sheffield Virology Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Lighthouse Lab in Cambridge 	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Thushan de Silva et al Thushan de Silva et al Thushan de Silva et al Rob Howes et al
EPI_ISL_664602 EPI_ISL_651078 EPI_ISL_664600 EPI_ISL_659373 EPI_ISL_659421	 Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Lighthouse Lab in Cambridge Lighthouse Lab in Cambridge 	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Thushan de Silva et al Thushan de Silva et al Thushan de Silva et al Rob Howes et al Rob Howes et al
EPI_ISL_664602 EPI_ISL_651078 EPI_ISL_664600 EPI_ISL_659373 EPI_ISL_659421 EPI_ISL_659310	 Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Lighthouse Lab in Cambridge Lighthouse Lab in Cambridge 	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Thushan de Silva et al Thushan de Silva et al Thushan de Silva et al Rob Howes et al Rob Howes et al
EPI_ISL_664602 EPI_ISL_651078 EPI_ISL_664600 EPI_ISL_659373 EPI_ISL_659421 EPI_ISL_659310 EPI_ISL_659207	 Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Lighthouse Lab in Cambridge Lighthouse Lab in Cambridge Lighthouse Lab in Cambridge 	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Thushan de Silva et al Thushan de Silva et al Thushan de Silva et al Rob Howes et al Rob Howes et al Rob Howes et al
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EPI_ISL_659252	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_679251	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
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	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham		

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EPI_ISL_679302	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
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EPI_ISL_679306	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
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EPI_ISL_679313	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_702281	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Rob Howes et al
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EPI_ISL_627210	University of Exeter
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EPI_ISL_664474	University of Exeter
EPI_ISL_679352	University of Exeter
EPI_ISL_650688	Liverpool Clinical Laboratories
EPI_ISL_664469	Liverpool Clinical Laboratories
EPI_ISL_664134	Liverpool Clinical Laboratories
EPI_ISL_664233	University College London Hospital
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EPI_ISL_704041	University College London Hospital

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EPI_ISL_679510	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679513	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679515	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679516	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679517	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679536	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
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EPI_ISL_679556	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679558	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679559	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679560	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679561	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679563	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679569	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679572	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679574	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679578	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679601	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_679612	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al

EPI_ISL_679613	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_703107	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_704963	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_703069	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_705232	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_702824	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_705184	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_705132	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_703740	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_705392	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_705396	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_702910	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_705007	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_611622	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_611623	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_611559	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_611558	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_612131	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_627211	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_ISL_553059	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_553057	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_553205	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_553253	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_553217	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_553022	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_553091	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575800	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575790	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_575837	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575900	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_575784	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575913	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575963	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575764	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_552517	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552485	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552693	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552609	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_552683	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_552682	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552448	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552497	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552450	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552536	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552610	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552444	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552553	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_552472	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575922	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575868	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575916	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575964	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575809	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575840	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575972	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575962	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_575919	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_576996	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_577001	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_577037	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_552398	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552368	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552174	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552178	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551972	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_540641	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_540653	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_540675	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_540684	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_552063	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_552126	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552139	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552107	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551969	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_552390	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_552307	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_550572	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_550626	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550593	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550590	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550684	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550724	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_568365	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550733	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550622	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550728	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550629	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550045	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550094	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_549993	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550099	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550173	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_572871	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_550082	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_549342	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_550089	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551204	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551023	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551192	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551193	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551257	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550856	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551174	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551125	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551209	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550868	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550889	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550913	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550982	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550975	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550977	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_550797	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_551039	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551102	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_551056	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566637	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566436	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566499	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566472	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566811	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566911	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566942	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566690	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566743	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566980	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566770	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566939	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_566751	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_549343	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_549343 EPI_ISL_572596		COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al Darren L Smith et al
	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle		
EPI_ISL_572596	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Darren L Smith et al The Lighthouse Lab in Milton
EPI_ISL_572596 EPI_ISL_601564	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777 EPI_ISL_601557	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777 EPI_ISL_601557 EPI_ISL_601739	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777 EPI_ISL_601557 EPI_ISL_601739 EPI_ISL_601412	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601557 EPI_ISL_601739 EPI_ISL_601412 EPI_ISL_601443	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777 EPI_ISL_601739 EPI_ISL_601412 EPI_ISL_601443 EPI_ISL_601359	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777 EPI_ISL_601739 EPI_ISL_601412 EPI_ISL_601443 EPI_ISL_601359 EPI_ISL_601465	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_572596 EPI_ISL_601564 EPI_ISL_601524 EPI_ISL_601777 EPI_ISL_601739 EPI_ISL_601412 EPI_ISL_601443 EPI_ISL_601359 EPI_ISL_601465 EPI_ISL_601439	Translational Research Laboratory, Portsmouth Hospitals NHS Trust Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Darren L Smith et al The Lighthouse Lab in Milton Keynes et al

EPI_ISL_581008	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580915	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580995	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581040	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_577086	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_577088	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_581297	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581205	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581139	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581145	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581200	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581277	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581117	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581252	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581165	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580783	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580837	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580715	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580683	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580834	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580684	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580782	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589603	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594933	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_594956	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_594959	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_580774	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580667	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580739	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589721	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589605	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_589599	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589723	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589709	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589698	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589664	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589103	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589176	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589199	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589266	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589043	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589226	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599849	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_600113	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599840	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599838	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599887	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599818	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_600089	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_600093	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599863	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599976	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_600040	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599988	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_600054	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_600118	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_599956	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594989	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_594990	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_595037	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al

EPI_ISL_595043	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_612132	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_612133	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_627212	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_595087	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_612134	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_650401	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_650947	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_650566	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_598575	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598609	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598670	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598554	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598715	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598654	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598689	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598550	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598804	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598626	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598629	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598454	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598406	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598415	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598411	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598328	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598510	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598430	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_598437	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_598523	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_595139	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665760	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_608773	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_626747	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_626827	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_608717	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_608829	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_608736	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_608762	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_665570	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_665435	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_606903	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606633	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606880	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606905	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_606692	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_606740	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606732	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606298	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606424	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606909	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606879	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_607410	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_607326	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_607505	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_607298	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_607313	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_607414	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_607408	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_607416	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_607440	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_606742	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606590	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_606423	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606586	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606436	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606476	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606306	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606559	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606512	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606429	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606555	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_606401	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_638073	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_606545	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_638074	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638076	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638077	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638078	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_644091	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623594	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623836	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_623628	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623565	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623624	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623805	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623778	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_623362	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629152	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629364	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629323	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629624	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629305	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629350	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629322	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629374	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629177	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_629381	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634362	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634480	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634281	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629121	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634338	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630347	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634359	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634273	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634371	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634397	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_634389	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630060	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630255	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630136	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630214	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630058	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630284	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_630171	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629723	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629597	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629559	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629587	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629560	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629703	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_629446	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629660	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629752	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629485	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_629440	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_651431	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651432	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651433	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_643989	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_643987	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_642782	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_642837	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_643020	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_642938	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_642900	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_642961	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_643043	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_642791	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_651434	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_651079	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650983	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_651080	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_651081	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_651435	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_650564	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_650609	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_650553	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_637594	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_650209	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al

EPI_ISL_650675	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_650556	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_650846	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_650409	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_642828	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_643027	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_651082	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_651438	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650761	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650765	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650325	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_658850	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658907	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_658848	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_659067	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_659022	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_659086	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658945	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658969	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658748	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658796	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_651083	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_650565	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_650606	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_651084	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_650151	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_650352	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_659075	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658946	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_651439	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_658824	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_679641	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679651	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al

EPI_ISL_650607	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_679661	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651085	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_659013	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_679697	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679725	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679748	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679761	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679763	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679764	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679765	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679767	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679768	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679771	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679774	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679775	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679776	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679778	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679784	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679787	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679805	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679809	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_679816	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_645477	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_679841	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_649479	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_649205	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657800	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657757	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657735	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al

EPI_ISL_657719	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657982	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657792	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657869	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657979	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657661	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_657494	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657702	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_657607	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658267	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658112	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658368	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658217	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658137	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658249	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_658249 EPI_ISL_657711	Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes		
		UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Keynes et al The Lighthouse Lab in Milton
EPI_ISL_657711	Lighthouse Lab in Milton Keynes	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_657711 EPI_ISL_656892	Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_657711 EPI_ISL_656892 EPI_ISL_656731	Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_676197	Lighthouse Lab in Milton Keynes	UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Keynes et al The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_478515	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_549382	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704709	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704711	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704714	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704716	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704788	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
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EPI_ISL_572607	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_540697	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_595165	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_595167	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al

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EPI_ISL_626702	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_627214	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
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EPI_ISL_650201	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650493	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650421	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650120	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
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EPI_ISL_704725	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704728	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704609	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704731	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704734	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704736	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704739	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665603	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650461	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704797	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704741	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704744	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704746	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704754	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704791	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704794	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704757	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704759	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665638	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665438	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665574	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665465	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650385	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665594	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665380	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665639	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704123	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al

EPI_ISL_665596	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665295	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704772	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704802	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_704777	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_549376	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_549375	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth et al
EPI_ISL_572872	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_584777	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_627215	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_627216	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_679947	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth et al
EPI_ISL_704780	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_577213	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_679974	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_531939	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531770	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_536922	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531540	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530558	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530491	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530543	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540237	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540308	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540238	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540347	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540403	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540089	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_539989	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540028	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540063	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_549345	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_549346	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al

EPI_ISL_559756	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_537201	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540012	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_539940	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_539942	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540099	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540014	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_541823	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_541786	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_559787	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_559790	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_559795	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_637282	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638079	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_577238	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_577252	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_559842	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_559848	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_572619	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_559885	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_559887	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_559893	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_590231	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590340	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590211	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590280	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590191	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590381	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_602099	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590558	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590578	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al

EPI_ISL_549562	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_549685	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_572873	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_567052	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567148	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567060	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567043	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567084	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567095	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567047	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567297	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567507	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567431	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567300	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567428	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_567517	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590050	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590162	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590042	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589860	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589949	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589934	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_590015	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589928	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589999	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589871	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_577286	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_601459	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601250	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_581080	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599570	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al

EPI_ISL_599766	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599748	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599544	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599759	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_581334	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_584852	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_584855	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_579791	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_579771	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_579800	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_579772	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600786	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588681	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588530	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588632	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_638080	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638081	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638082	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_638083	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_588396	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588969	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588897	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588373	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_595693	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_588945	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588901	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589223	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589119	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_589151	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_595769	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al

EPI_ISL_595781	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_595783	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_595785	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_588145	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588254	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588204	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588116	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600138	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600414	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600475	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600271	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600485	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600341	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600220	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600509	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_679990	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_679990 EPI_ISL_595840	Trust/Department of Infection, Immunity and Cardiovascular	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al Dave J. Baker et al
	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield		
EPI_ISL_595840	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_595840 EPI_ISL_595841	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Dave J. Baker et al Dave J. Baker et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Quadram Institute Bioscience Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456 EPI_ISL_599221	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456 EPI_ISL_599221 EPI_ISL_599324	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456 EPI_ISL_599221 EPI_ISL_599324 EPI_ISL_584999	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Dave J. Baker et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456 EPI_ISL_599221 EPI_ISL_599324 EPI_ISL_584999 EPI_ISL_587337	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Dave J. Baker et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456 EPI_ISL_599221 EPI_ISL_599324 EPI_ISL_584999 EPI_ISL_587337 EPI_ISL_587431	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Harper VanSteenhouse et al Dave J. Baker et al Harper VanSteenhouse et al
EPI_ISL_595840 EPI_ISL_595841 EPI_ISL_599454 EPI_ISL_599339 EPI_ISL_599444 EPI_ISL_599456 EPI_ISL_599324 EPI_ISL_587537 EPI_ISL_587431 EPI_ISL_587578	Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Quadram Institute Bioscience Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow Lighthouse Lab in Glasgow	COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Dave J. Baker et al Dave J. Baker et al Harper VanSteenhouse et al Dave J. Baker et al Harper VanSteenhouse et al Harper VanSteenhouse et al

EPI_ISL_587593	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_587594	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_626757	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_638084	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_637347	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_637400	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_627255	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_595963	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_595972	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_627256	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_627258	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_595994	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_596020	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_597268	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_597415	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_597391	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_665272	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_627260	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_627261	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_627262	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638086	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638087	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_638088	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_643255	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_643227	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_643052	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_643090	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_643200	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_665761	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_651466	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_611423	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al

EPI_ISL_611299	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_611338	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_651467	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_651468	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_611414	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_651470	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651472	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651473	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651474	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651475	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651476	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651477	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651479	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651480	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_630704	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_629951	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_633983	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_633891	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_629999	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
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EPI_ISL_634221	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
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EPI_ISL_634054	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
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EPI_ISL_633507	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_633642	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_633434	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
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EPI_ISL_662665	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_662855	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al

EPI_ISL_662870	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
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EPI_ISL_662957	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_663100	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_663087	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_663070	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_651484	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_663107	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_662879	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
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EPI_ISL_642101	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642539	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641655	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641977	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641781	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642577	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642708	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
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EPI_ISL_642257	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642233	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642476	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642212	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642237	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_642485	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641654	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641612	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641717	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641816	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al

EPI_ISL_641883	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_641892	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646461	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646622	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646629	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646455	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_665414	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby et al
EPI_ISL_680072	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_680074	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_646644	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646451	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646282	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_646407	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
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EPI_ISL_704237	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_680119	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_611869	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_650488	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_637436	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_680133	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_453709	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_611520	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_611699	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_475410	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_680168	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_596211	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_572618	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_680187	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_414500	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust	Department of Infection, Immunity and Cardiovascular Disease, The Florey Institute, The Medical School, University of Sheffield	Thushan de Silva et al
EPI_ISL_414501	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust	Department of Infection, Immunity and Cardiovascular Disease, The Florey Institute, The Medical School, University of Sheffield	Thushan de Silva et al
EPI_ISL_492900	Department of Medical Microbiology, Western Sussex Hospitals NHS Foundation Trust, St Richard's Hospital	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Manasa Mutingwende et al
EPI_ISL_614296	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al

EPI_ISL_614297	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614298	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614299	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614300	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614301	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614303	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614304	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_614316	Faroese National Reference Laboratory for Fish and Animal Diseases	Faroese National Reference Laboratory for Fish and Animal Diseases	Maria Marjunardóttir Dahl et al
EPI_ISL_407079	Lapland Central Hospital	Department of Virology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland	Teemu Smura et al
EPI_ISL_414640	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_412971	HUS Diagnostiikkakeskus, Hallinto	Department of Virology Faculty of Medicine, Medicum University of Helsinki	Teemu Smura et al
EPI_ISL_414646	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_414645	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_414641	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_414644	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_414642	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_414643	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_413605	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_413602	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_413603	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_413604	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura et al
EPI_ISL_406534	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_406535	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_406536	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_676565	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
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EPI_ISL_410486	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Bal et al
EPI_ISL_623099	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
EPI_ISL_582112	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
EPI_ISL_582120	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
EPI_ISL_623100	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
EPI_ISL_623101	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al

EPI_ISL_623102	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
EPI_ISL_639999	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal et al
EPI_ISL_693765	hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet et al
EPI_ISL_414623	Laboratoire de Virologie Institut de Virologie - INSERM U 1109 Hôpitaux Universitaires de Strasbourg	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414631	Hôpital Robert Debré Laboratoire de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414632	Hôpital Robert Debré Laboratoire de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414626	unknown	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414627	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414628	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414629	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414630	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414634	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414635	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414636	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414637	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414638	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_406596	Department of Infectious and Tropical Diseases, Bichat Claude Bernard Hospital, Paris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al
EPI_ISL_406597	Department of Infectious and Tropical Diseases, Bichat Claude Bernard Hospital, Paris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al
EPI_ISL_408430	Department of Infectious and Tropical Diseases, Bichat Claude Bernard Hospital, Paris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al
EPI_ISL_408431	Sorbonne Université, Inserm et Assistance Publique-Hôpitaux de Paris (Pitié Salpétrière)	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al
EPI_ISL_414633	Centre Hospitalier René Dubois Laboratoire de Microbiologie - Bât A	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_414624	Centre Hositalier Universitaire de Rouen Laboratoire de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_569312	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR et al
EPI_ISL_644400	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR et al
EPI_ISL_644401	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR et al
EPI_ISL_414625	Centre Hospitalier Régional Universitaire de Nantes Laboratoire de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert et al
EPI_ISL_411066	Fujian Center for Disease Control and Prevention	Fujian Center for Disease Control and Prevention	Chen Wei et al
EPI_ISL_411060	Fujian Center for Disease Control and Prevention	Fujian Center for Disease Control and Prevention	Chen Wei et al
EPI_ISL_415643	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Nato Kotaria et al
EPI_ISL_415642	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Nato Kotaria et al
EPI_ISL_415641	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Nato Kotaria et al
EPI_ISL_415644	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Nato Kotaria et al
EPI_ISL_412912	State Health Office Baden-Württemberg	Charité Universitätsmedizin Berlin, Institute of Virology	Victor M Corman et al

EPI_ISL_414520	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Mathias C Walter et al
EPI_ISL_414521	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Mathias C Walter et al
EPI_ISL_406862	Charité Universitätsmedizin Berlin, Institute of Virology; Institut für Mikrobiologie der Bundeswehr, Munich	Charité Universitätsmedizin Berlin, Institute of Virology	Victor M Corman et al
EPI_ISL_413488	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414507	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414497	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414498	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414499	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414504	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414505	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414506	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414508	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414509	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_414574	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al
EPI_ISL_631378	University Hospital Cologne	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_631379	University Hospital Cologne	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_631332	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_666627	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_666645	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_666650	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_539604	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI_ISL_413888	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413853	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413860	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413859	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413889	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413851	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413852	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413857	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413858	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413854	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al

EPI_ISL_403932	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_403933	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_403934	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_403935	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_403936	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_403937	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health	Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_406531	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provinical Public Health	Guangdong Provincial Center for Disease Control and Prevention	Min Kang et al
EPI_ISL_406538	Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health	Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_413869	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413861	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413862	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413863	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413884	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413882	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413856	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413855	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413864	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413875	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413850	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413874	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413866	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413867	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_413872	Guangdong Provincial Institution of Public Health, Guangdong Provinical Center for Disease Control and Prevention	Guangdong Provincial Institution of Public Health	Jing Lu et al
EPI_ISL_406533	Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provinical Public Health	Guangdong Provincial Center for Diseases Control and Prevention	Min Kang et al
EPI_ISL_414692	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_414663	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_414686	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_414687	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	the First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al

EPI_ISL_414688	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_414689	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_414690	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_414691	State Key Laboratory of Respiratory Disease, National Clinical Research Center for Respiratory Disease, Guangzhou Institute of Respiratory Health, the First Affiliated Hospital of Guangzhou Medical University	The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen	Zhao et al et al
EPI_ISL_412966	Technology Centre, Guangzhou Customs	Technology Centre, Guangzhou Customs	Shi et al
EPI_ISL_412967	Technology Centre, Guangzhou Customs	Technology Centre, Guangzhou Customs	Shi et al
EPI_ISL_406970	Hangzhou Center for Disease and Control Microbiology Lab	Hangzhou Center for Disease and Control Microbiology Lab	Yu Hua et al
EPI_ISL_407313	Hangzhou Center for Disease Control and Prevention	Hangzhou Center for Disease Control and Prevention	Jun Li et al
EPI_ISL_415709	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	Hangping Yao et al
EPI_ISL_416042	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	Hangping Yao et al
EPI_ISL_416044	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	Hangping Yao et al
EPI_ISL_416046	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	Hangping Yao et al
EPI_ISL_415711	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	Hangping Yao et al
EPI_ISL_416047	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	Hangping Yao et al
EPI_ISL_416425	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	Hangping Yao et al
EPI_ISL_412026	Second Hospital of Anhui Medical University	Second Hospital of Anhui Medical University	Changtai Wang et al
EPI_ISL_416314	Department of Microbiology, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong SAR, China	Department of Microbiology, Faculty of Medicine, Chinese University of Hong Kong, Hong Kong SAR, China	Zigui Chen et al
EPI_ISL_416315	Department of Microbiology, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong SAR, China	Department of Microbiology, Faculty of Medicine, Chinese University of Hong Kong, Hong Kong SAR, China	Zigui Chen et al
EPI_ISL_412029	Hong Kong Department of Health	The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_412030	Hong Kong Department of Health	School of Public Health, The University of Hon g Kong	Dominic N.C. Tsang et al
EPI_ISL_412028	Hong Kong Department of Health	School of Public Health, The University of Hon g Kong	Dominic N.C. Tsang et al
EPI_ISL_414527	Hong Kong Department of Health	School of Public Health, The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_414528	Hong Kong Department of Health	School of Public Health, The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_414569	Hong Kong Department of Health	School of Public Health, The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_414571	Hong Kong Department of Health	School of Public Health, The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_414519	Hong Kong Department of Health	School of Public Health, The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_414517	Hong Kong Department of Health	School of Public Health, The University of Hong Kong	Dominic N.C. Tsang et al
EPI_ISL_677761	University of Szeged, Institute of Clinical Microbiology	National Laboratory of Virology, Szentágothai Research Centre	Endre Gábor Tóth et al

EPI_ISL_416426	Virological Research Group, Szentágothai Research Centre, University of Pécs	Bioinformatics Research Group, Szentágothai Research Centre, University of Pécs	Péter Urbán et al
EPI_ISL_413522	Indian Council of Medical Research - National Institute of Virology	National Influenza Center, Indian Council of Medical Research - National Institute of Virology	Potdar V et al
EPI_ISL_413523	Indian Council of Medical Research-National Institute of Virology	National Influenza Center, Indian Council of Medical Research- National Institute of Virology	Potdar V et al
EPI_ISL_414487	UCD National Virus Reference Laboratory	UCD National Virus Reference Laboratory	Michael Carr et al
EPI_ISL_414584	UCD National Virus Reference Laboratory	UCD National Virus Reference Laboratory	Michael Carr et al
EPI_ISL_414585	UCD National Virus Reference Laboratory	UCD National Virus Reference Laboratory	Michael Carr et al
EPI_ISL_414586	UCD National Virus Reference Laboratory	UCD National Virus Reference Laboratory	Michael Carr et al
EPI_ISL_414587	UCD National Virus Reference Laboratory	UCD National Virus Reference Laboratory	Michael Carr et al
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EPI_ISL_410546	INMI Lazzaro Spallanzani IRCCS	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Maria R. Capobianchi et al
EPI_ISL_410545	INMI Lazzaro Spallanzani IRCCS	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Maria R. Capobianchi et al
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EPI_ISL_413489	Laboratorio di Microbiologia e Virologia, Università Vita-Salute San Raffaele, Milano	Laboratorio di Microbiologia e Virologia, Università Vita-Salute San Raffaele, Milano	R.A Diotti et al
EPI_ISL_407084	Department of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_412968	Takayuki Hishiki Kanagawa Prefectural Institute of Public Health	Takayuki Hishiki Kanagawa Prefectural Institute of Public Health	Hishiki et al
EPI_ISL_412969	Takayuki Hishiki Kanagawa Prefectural Institute of Public Health	Takayuki Hishiki Kanagawa Prefectural Institute of Public Health	Hishiki et al
EPI_ISL_667615	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_667669	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_408669	Dept. of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_410531	Dept. of Pathology, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_410532	Dept. of Pathology, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_413459	Department of Pathology, Toshima Hospital	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_408665	Dept. of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_408666	Dept. of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_408667	Dept. of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al
EPI_ISL_408488	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control & Prevention, CCDC	Wenjie Tan et al
EPI_ISL_411950	NHC Key laboratory of Enteric Pathogenic Microbiology, Institute of Pathogenic Microbiology	Jiangsu Provincial Center for Disease Control & Prevention	Lunbiao Cui et al
EPI_ISL_411952	NHC Key laboratory of Enteric Pathogenic Microbiology, Institute of Pathogenic Microbiology	Jiangsu Provincial Center for Disease Control & Prevention	Kangchen Zhao et al
EPI_ISL_411953	NHC Key laboratory of Enteric Pathogenic Microbiology, Institute of Pathogenic Microbiology	Jiangsu Provincial Center for Disease Control & Prevention	Kangchen Zhao et al
EPI_ISL_408486	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control & Prevention, CCDC	Wenjie Tan et al
EPI_ISL_412459	Jingzhou Center for Disease Control and Prevention	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_413593	Laboratoire National de Santé	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_501196	Department of Medical Microbiology, University Malaya Medical Centre	Department of Medical Microbiology, Faculty of Medicine, University of Malaya	Yoong Min CHONG et al
EPI_ISL_501218	Department of Medical Microbiology, University Malaya Medical Centre	Department of Medical Microbiology, Faculty of Medicine, University of Malaya	Yoong Min CHONG et al

EPI_ISL_412972	Instituto Nacional de Enfermedades Respiratorias	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Ramirez-Gonzalez Ernesto et al
EPI_ISL_410301	National Influenza Centre, National Public Health Laboratory, Kathmandu, Nepal	The University of Hong Kong	Ranjit Sah et al
EPI_ISL_413564	MHC West-Brabant	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413565	Foundation Pamm	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413566	MHC Gooi & Vechtstreek	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413567	unknown	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413568	MHC Drente	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413569	RIVM	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413570	RIVM	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413571	MHC Brabant Zuidoost	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_632445	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink et al
EPI_ISL_415460	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_632440	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink et al
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EPI_ISL_413572	MHC Kennemerland	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413573	Dienst Gezondheid & Jeugd Zuid-Holland Zuid	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413574	MHC West-Brabant	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413575	RIVM	Erasmus Medical Center	David Nieuwenhuijse et al
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EPI_ISL_632335	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink et al
EPI_ISL_636491	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer et al
EPI_ISL_413577	MHC Gooi & Vechtstreek	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413578	ErasmusMC	Erasmus Medical Center	David Nieuwenhuijse et al
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EPI_ISL_413579	MHC Haaglanden	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413580	MHC Hart voor Brabant	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413581	RIVM	Erasmus Medical Center	David Nieuwenhuijse et al
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EPI_ISL_414460	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413582	ErasmusMC	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413583	MHC Rotterdam-Rijnmond	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413584	unknown	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413586	Foundation Elisabeth-Tweesteden Ziekenhuis	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413587	Foundation Elisabeth-Tweesteden Ziekenhuis	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_414435	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al

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EPI_ISL_414463	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413588	MHC Utrecht	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413589	MHC Utrecht	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_413590	MHC Utrecht	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_414553	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al
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EPI_ISL_413591	MHC Flevoland	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_414444	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al
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EPI_ISL_414445	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al
EPI_ISL_548108	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren et al
EPI_ISL_413490	Auckland Hospital	Institute of Environmental Science and Research (ESR)	Matt Storey et al
EPI_ISL_413550	Centre for Human and Zoonotic Virology (CHAZVY), College of Medicine University of Lagos/Lagos University Teaching Hospital (LUTH), part of the Laboratory Network of the Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Oluniyi P.E. et al
EPI_ISL_610548	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_414949	Regional Virus Laboratory, Belfast	Public Health Wales Microbiology Cardiff	Tanya Curran et al
EPI_ISL_536835	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531388	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531286	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531357	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531423	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_531426	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530934	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530630	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530655	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530645	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530657	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530757	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530453	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_530432	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540324	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540277	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540286	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al

EPI_ISL_540236	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540254	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540271	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_577346	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_590898	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_ISL_668414	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_ISL_668428	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_ISL_415152	Gorgas Memorial Institute for Health Studies	Gorgas Memorial Institute for Health Studies	Danilo Franco et al
EPI_ISL_415787	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Peru	Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular.Instituto Nacional de Salud.Peru	Carlos Padilla Rojas et al
EPI_ISL_413647	Centro Hospital do Porto, E.P.E H. Geral de Santo Antonio	Instituto Nacional de Saude (INSA)	Raquel Guiomar et al
EPI_ISL_413648	Centro Hospitalar e Universitário de Sao Joao, Porto	Instituto Nacional de Saude (INSA)	Raquel Guiomar et al
EPI_ISL_512978	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Sara Mfarrej et al
EPI_ISL_606189	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_413221	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Emma Thomson et al
EPI_ISL_414024	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Emma Thomson et al
EPI_ISL_414025	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Emma Thomson et al
EPI_ISL_414026	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Emma Thomson et al
EPI_ISL_414027	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Emma Thomson et al
EPI_ISL_415628	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Kathy Smollett et al
EPI_ISL_415630	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Kathy Smollett et al
EPI_ISL_415631	West of Scotland Specialist Virology Centre, NHSGGC	MRC-University of Glasgow Centre for Virus Research	Kathy Smollett et al
EPI_ISL_540823	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540824	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540826	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540829	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540830	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540836	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540837	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540850	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540865	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_540868	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_612124	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_612125	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_650523	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al

EPI_ISL_627209	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_626995	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_626691	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_626749	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_626851	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_627030	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_626835	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_650802	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_650175	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_651424	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_680442	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_665640	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_665633	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_665641	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_415640	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415629	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415632	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415633	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415634	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415635	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415636	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415637	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415638	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_415639	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian	McHugh M et al
EPI_ISL_540881	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_540884	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_540892	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_577356	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_594831	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_612126	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_612127	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al

EPI_ISL_612128	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_612129	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_650167	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_651425	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_651426	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_651427	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_651428	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_665762	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_650531	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M et al
EPI_ISL_625413	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_531569	NHSGGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Ana da Silva Filipe et al
EPI_ISL_530468	NHSGGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Ana da Silva Filipe et al
EPI_ISL_530435	NHSGGC West of Scotland Specialist Virology Centre / MRC- University of Glasgow Centre for Virus Research	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Ana da Silva Filipe et al
EPI_ISL_568421	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568464	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568446	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540391	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568291	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568356	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568304	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568325	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568340	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_540040	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568343	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568335	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568373	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_560040	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_560050	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al

EPI_ISL_602095	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_602100	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568224	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568269	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_568229	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_576016	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_576067	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_602019	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_602009	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_575339	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_575363	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601099	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_575365	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_575395	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601101	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601185	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601102	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599735	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599629	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599489	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599607	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601229	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601222	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_585520	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_600976	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601041	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601034	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601032	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601009	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al

EPI_ISL_601060	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600970	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600952	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601055	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601057	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600947	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601096	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_601050	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600794	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600780	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600823	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600729	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600626	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600677	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600737	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600629	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600753	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600680	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600689	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600678	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600633	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600645	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600703	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600615	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600587	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600579	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600175	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600400	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600171	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600245	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_600169	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al

EPI_ISL_600205	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_585561	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_585563	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_585570	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_599227	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599238	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599176	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599248	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599255	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599177	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599173	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599189	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_585598	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_585601	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_599463	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598912	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598908	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599028	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598923	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599101	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598931	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598936	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598953	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599034	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598948	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599050	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_599011	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_598999	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_627250	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_627252	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_627254	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_595942	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al

EPI_ISL_627257	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_627259	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_596102	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_665432	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_596161	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_596164	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_612158	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_638089	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_643239	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_625384	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_625386	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_625347	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_625373	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_625390	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_625379	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_624176	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_624010	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_624067	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_651482	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_651483	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_649731	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_649721	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_644039	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_644009	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_649743	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_649647	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_665271	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith et al
EPI_ISL_649609	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676411	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676412	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al

EPI_ISL_676414	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676390	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676339	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676315	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676323	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676373	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676370	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_676327	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_408482	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control & Prevention, CCDC	Wenjie Tan et al
EPI_ISL_414936	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Xiao-Lin Jiang et al
EPI_ISL_414937	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Xiao-Lin Jiang et al
EPI_ISL_414938	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Xiao-Lin Jiang et al
EPI_ISL_414939	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Xiao-Lin Jiang et al
EPI_ISL_414940	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Xiao-Lin Jiang et al
EPI_ISL_414941	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Xiao-Lin Jiang et al
EPI_ISL_416316	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416317	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416318	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416319	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416320	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416321	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416322	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416323	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416324	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416325	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416326	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416327	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416328	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al

EPI_ISL_416329	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416330	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416331	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416332	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416333	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416334	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416335	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416336	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416337	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416338	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416339	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416340	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416341	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416342	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416343	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416344	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416345	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416346	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416347	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416348	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416349	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416350	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416351	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al

EPI_ISL_416352	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416353	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416354	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416355	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416357	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416358	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416359	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416360	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416361	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416362	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416363	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416364	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416365	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416366	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416367	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416368	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416369	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416370	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416372	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416373	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416375	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416376	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416377	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al

EPI_ISL_416378	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416379	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416380	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416381	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416382	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416383	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416384	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416385	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416386	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416387	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416388	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416389	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416390	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416391	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_414510	Key Laboratory of Medical Molecular Virology (MOE/NHC/CAMS), School of Basic Medicine, Shanghai Medical College, Fudan University	Key Laboratory of Medical Molecular Virology (MOE/NHC/CAMS), School of Basic Medicine, Shanghai Medical College, Fudan University	Zhang et al
EPI_ISL_416392	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416393	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416394	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416396	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416397	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416398	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416399	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416400	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al

EPI_ISL_416401	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416402	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416403	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416404	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416405	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416406	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416407	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416408	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_416409	Shanghai Public Health Clinical Center, Shanghai Medical College, Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EPI_ISL_406030	The University of Hong Kong - Shenzhen Hospital	Li Ka Shing Faculty of Medicine, The University of Hong Kong	Chan et al
EPI_ISL_405839	The University of Hong Kong - Shenzhen Hospital	Li Ka Shing Faculty of Medicine, The University of Hong Kong	Chan et al
EPI_ISL_406593	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinical Research Center for Infectious Disease, Shenzhen Third People's Hospital	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinical Research Center for Infectious Disease, Shenzhen Third People's Hospital	Yang Yang et al
EPI_ISL_406594	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinical Research Center for Infectious Disease, Shenzhen Third People's Hospital	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinical Research Center for Infectious Disease, Shenzhen Third People's Hospital	Yang Yang et al
EPI_ISL_406595	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinical Research Center for Infectious Disease, Shenzhen Third People's Hospital	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinical Research Center for Infectious Disease, Shenzhen Third People's Hospital	Yang Yang et al
EPI_ISL_408484	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control & Prevention, CCDC	Wenjie Tan et al
EPI_ISL_406973	Singapore General Hospital	National Public Health Laboratory	Mak et al
EPI_ISL_410716	National Public Health Laboratory, National Centre for Infectious Diseases	National Centre for Infectious Diseases, National Centre for Infectious Diseases	Octavia S et al
EPI_ISL_410719	National Public Health Laboratory	National Public Health Laboratory	Octavia S et al
EPI_ISL_414378	National Centre for Infectious Diseases	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_414379	National Centre for Infectious Diseases	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_414380	National Centre for Infectious Diseases	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_407987	Singapore General Hospital	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_407988	National Centre for Infectious Diseases	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_410535	National Centre for Infectious Diseases	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_410536	Singapore General Hospital, Molecular Laboratory, Division of Pathology	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_410537	Singapore General Hospital, Molecular Laboratory, Division of Pathology	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al
EPI_ISL_410713	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Octavia S et al
EPI_ISL_410714	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Octavia S et al

EPI_ISL_410715	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Octavia S et al
EPI_ISL_635203	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik et al
EPI_ISL_635204	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	The National Laboratory of Health, Environment and Food - Centre for Medical Microbiology Maribor	Samo Zakotnik et al
EPI_ISL_635202	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik et al
EPI_ISL_636459	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik et al
EPI_ISL_660605	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660606	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660608	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660609	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660610	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660611	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660612	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660613	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660614	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660615	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678572	Netcare	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678567	Netcare	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678596	Netcare	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678571	Netcare	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678597	Netcare	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678570	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678625	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678626	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678627	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678628	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678629	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678630	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678631	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678632	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678633	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678634	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678635	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678636	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678638	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678639	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678640	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678641	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_678642	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660190	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660629	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_660637	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al

EPI_ISL_660646 EPI ISL 660659 EPI ISL 678643 EPI_ISL_678604 EPI ISL 678615 EPI ISL 678618 EPI_ISL_678621 EPI_ISL_696460 EPI ISL 696489 EPI_ISL_696454 EPI_ISL_696474 EPI ISL 696472 EPI_ISL_696470 EPI ISL 696475 EPI_ISL_696485 EPI ISI 696466 EPI_ISL_696461 EPI_ISL_696452 EPI ISL 696455 EPI_ISL_696471 EPI_ISL_696481 EPI_ISL_696473 EPI ISL 696459 EPI_ISL_696453 EPI_ISL_696456 EPI ISL 696488 EPI_ISL_696487 EPI_ISL_696490 EPI ISI 696458 EPI_ISL_696469 EPI ISL 696478 EPI ISL 696476 EPI_ISL_696477 EPI_ISL_696467 EPI_ISL_696465 EPI ISL 696463 EPI_ISL_696491 EPI_ISL_696457 EPI_ISL_696482 EPI ISL 696484 EPI_ISL_696486 EPI_ISL_696483 EPI ISL 696479 Hornlee Clinic wc HLC & NHLS/UCT

NHLS-IALCH NHLS-IALCH NHLS-IALCH NHLS-IALCH NHLS-IALCH NHLS-IALCH NHLS-IALCH Kranshoek Clinic wc KSH & NHLS/UCT New Horizon Clinic wc NZC & NHLS/UCT Plettenberg Bay Clinic wc PLC & NHLS/UCT Pacaltsdorp Clinic wc PAC & NHLS/UCT Conville CDC wc CVC & NHLS/LICT Pacaltsdorp Clinic wc PAC & NHLS/UCT Sedgefield Clinic wc SGE & NHLS/UCT Touwsranten Clinic wc TST & NHLS/UCT Great Brak River Clinic wc GBC & NHLS/UCT Thembalethu CDC wc THC & NHLS/UCT Thembalethu CDC wc THC & NHLS/UCT Thembalethu CDC wc THC & NHLS/UCT George Hospital wc GRH & NHLS/UCT George Hospital wc GRH & NHLS/UCT George Hospital wc GRH & NHLS/UCT Pacaltsdorp Clinic wc PAC & NHLS/UCT Pacaltsdorp Clinic wc PAC & NHLS/UCT Pacaltsdorp Clinic wc PAC & NHLS/UCT Sedgefield Clinic wc SGE & NHLS/UCT Sedgefield Clinic wc SGE & NHLS/UCT Touwsranten Clinic wc TST & NHLS/UCT George Hospital wc GRH & NHLS/UCT Knysna Hospital wc KNY & NHLS/UCT Knysna Hospital wc KNY & NHLS/UCT Plettenberg Bay Clinic wc PLC & NHLS/UCT Knysna Hospital wc KNY & NHLS/UCT Knysna CDC wc WLC & NHLS/UCT Kwanokuthula CDC wc KWA & NHLS/UCT Knysna Hospital wc KNY & NHLS/UCT Knysna Hospital wc KNY & NHLS/UCT Hornlee Clinic wc HLC & NHLS/UCT Knysna Hospital wc KNY & NHLS/UCT Khayelethu Clinic wc KLC & NHLS/UCT Hornlee Clinic wc HLC & NHLS/UCT Hornlee Clinic wc HLC & NHLS/UCT

KRISP, KZN Research Innovation and Sequencing Platform KRISP, KZN Research Innovation and Sequencing Platform

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EPI_ISL_696500	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696499	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696520	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696521	Thembalethu CDC wc THC & NHLS/UC	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696501	Great Brak River Clinic wc GBC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696507	Great Brak River Clinic wc GBC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696512	Conville CDC wc CVC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696497	Great Brak River Clinic wc GBC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696496	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696494	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696493	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696519	Thembalethu CDC wc THC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696518	Sedgefield Clinic wc SGE & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696498	Kranshoek Clinic wc KSH & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696517	Sedgefield Clinic wc SGE & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696510	Sedgefield Clinic wc SGE & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696516	Sedgefield Clinic wc SGE & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696515	Sedgefield Clinic wc SGE & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696514	Sedgefield Clinic wc SGE & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696513	Pacaltsdorp Clinic wc PAC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696492	Conville CDC wc CVC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696504	Pacaltsdorp Clinic wc PAC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696503	George Hospital wc GRH & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696506	Knysna CDC wc WLC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696495	Knysna CDC wc WLC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696505	Khayelethu Clinic wc KLC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_696502	Hornlee Clinic wc HLC & NHLS/UCT	KRISP, KZN Research Innovation and Sequencing Platform	Arash Iranzadeh et al
EPI_ISL_622904	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Allam M et al
EPI_ISL_407193	Korea Centers for Disease Control & Prevention (KCDC) Center for Laboratory Control of Infectious Diseases Division of Viral Diseases	Korea Centers for Disease Control & Prevention (KCDC) Center for Laboratory Control of Infectious Diseases Division of Viral Diseases	Jeong-Min Kim et al
EPI_ISL_412869	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al
EPI_ISL_412870	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al
EPI_ISL_412871	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al
EPI_ISL_412872	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al
EPI_ISL_412873	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al
EPI_ISL_413017	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Changmin Kang et al
EPI_ISL_413018	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Changmin Kang et al

EPI_ISL_413513	Division of Infectious Diseases, Department of Internal Medicine, Korea University College of Medicine	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Changmin Kang et al
EPI_ISL_413514	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Changmin Kang et al
EPI_ISL_413515	Division of Infectious Diseases, Department of Internal Medicine, Korea University College of Medicine	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Changmin Kang et al
EPI_ISL_413516	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Department of Microbiology, Institute for Viral Diseases, College of Medicine, Korea University	Changmin Kang et al
EPI_ISL_411929	Department of Clinical Diagnostics	Department of Clinical Diagnostics	Park et al
EPI_ISL_414495	Servicio Microbiología. Hospital Clínico Universitario. Valencia.	Sequencing and Bioinformatics Service. Molecular Epidemiology Laboratory. FISABIO-Public Health	David Navarro et al
EPI_ISL_414496	Servicio Microbiologia. Hospital Clinico Universitario. Valencia.	Sequencing and Bioinformatics Service. Molecular Epidemiology Laboratory. FISABIO-Public Health	David Navarro et al
EPI_ISL_414598	Servicio Microbiologia, Hospital Clinico Universitario, Valencia	Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health.	David Navarro et al
EPI_ISL_411951	Unit for Laboratory Development and Technology Transfer, Public Health Agency of Sweden	Unit for Laboratory Development and Technology Transfer, Public Health Agency of Sweden	Bengner et al
EPI_ISL_475556	Halmstad klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_676512	Klinsisk mikrobiologi Linkoping	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_ISL_594152	Klinsisk mikrobiologi Linkoping	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_654502	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_676503	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_ISL_581987	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_415457	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_413999	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
EPI_ISL_415704	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415456	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_414021	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
EPI_ISL_581933	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581935	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581945	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581949	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581950	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581967	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581990	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_581998	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPI_ISL_415701	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415455	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415706	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415700	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415454	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415705	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415708	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415707	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415458	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415459	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_413997	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al

EPI_ISL_414019	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
 EPI_ISL_414020	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
EPI_ISL_414022	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
EPI_ISL_415698	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415699	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415702	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_415703	University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EPI_ISL_413996	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
EPI_ISL_414023	Laboratoire de Virologie, HUG	Swiss National Reference Centre for Influenza	LAUBSCHER Florian et al. et al
EPI_ISL_413019	Department of Internal Medicine, Triemli Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al
EPI_ISL_413020	Department of Internal Medicine, Triemli Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al
EPI_ISL_413021	Klinik Hirslanden Zurich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al
EPI_ISL_413022	Division of Infectious Diseases, University Hospital Zurich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al
EPI_ISL_413023	Division of Infectious Diseases, University Hospital Zurich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al
EPI_ISL_413024	Division of Infectious Diseases, University Hospital Zurich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al
EPI_ISL_406031	Centers for Disease Control, R.O.C. (Taiwan)	Centers for Disease Control, R.O.C. (Taiwan)	Ji-Rong Yang et al
EPI_ISL_411926	Taiwan Centers for Disease Control	Taiwan Centers for Disease Control	Ji-Rong Yang et al
EPI_ISL_411927	Taiwan Centers for Disease Control	Taiwan Centers for Disease Control	Ji-Rong Yang et al
EPI_ISL_411915	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan.	Kuo-Chien Tsao et al
EPI_ISL_415741	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao et al
EPI_ISL_415742	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao et al
EPI_ISL_415743	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao et al
EPI_ISL_444275	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao et al
EPI_ISL_408489	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh et al
EPI_ISL_410218	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh et al
EPI_ISL_413592	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh et al
EPI_ISL_403962	Bamrasnaradura Hospital	 Department of Medical Sciences, Ministry of Public Health, Thailand 2. Thai Red Cross Emerging Infectious Diseases - Health Science Centre 3. Department of Disease Control, Ministry of Public Health, Thailand 	Pilailuk et al
EPI_ISL_403963	Bamrasnaradura Hospital	 Department of Medical Sciences, Ministry of Public Health, Thailand 2. Thai Red Cross Emerging Infectious Diseases - Health Science Centre 3. Department of Disease Control, Ministry of Public Health, Thailand 	Pilailuk et al
EPI_ISL_434692	Bamrasnaradura hospital	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Pilailuk et al
EPI_ISL_412983	Tianmen Center for Disease Control and Prevention	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_500716	BSL3 Lab Pendik Veterinary Control Institute	Department of Medicinal Genetics, Bursa Uludağ University, Faculty of medicine By Sehime Gülsün Temel, Adem Alemdar, Kadir Yeşilbağ	Mustafa HASOKSUZ et al
EPI_ISL_491476	BSL3 Lab, Pendik Veterinary Control Enstitue	Genomic Laboratory (GLAB), Istanbul Technical University	Mustafa HASOKSUZ et al
EPI_ISL_406223	Arizona Department of Health Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_406034	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_408008	California Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al

EPI_ISL_408009	California Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_408010	California Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral	Ying Tao et al
EPI_ISL_410044	California Department of Public Health	Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Jing Zhang et al
EPI_ISL_411954	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral	Krista Queen et al
EPI_ISL_411955	California Department of Public Health	Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_412862	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_413557	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_413931	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_413558	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI ISL 413559	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
	·		Xianding Deng et al
EPI_ISL_413561	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	
EPI_ISL_413922	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_413924	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_413925	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_413926	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_413928	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_414648	Andersen Lab, The Scripps Research Institute	Andersen Lab, The Scripps Research Institute	Mark Zeller et al
EPI_ISL_406036	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_416417	Connecticut State Department of Public Health	Grubaugh Lab - Yale School of Public Health	Joseph Fauver et al
EPI_ISL_416420	Yale Clinical Virology Laboratory	Grubaugh Lab - Yale School of Public Health	Joseph Fauver et al
EPI_ISL_416421	Yale Clinical Virology Laboratory	Grubaugh Lab - Yale School of Public Health	Joseph Fauver et al
EPI_ISL_416423	Yale Clinical Virology Laboratory	Grubaugh Lab - Yale School of Public Health	Joseph Fauver et al
EPI_ISL_413606	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_413615	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_413616	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_413617	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_413618	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_413619	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_413620	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_413621	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_413622	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_413623	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_414479	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_413607	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_414480	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al

EPI_ISL_414481	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_414482	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_414483	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_414484	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_414485	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_413608	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_413609	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_413610	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_413611	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al
EPI_ISL_413612	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_413613	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_413614	unknown	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_547774	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond et al
EPI_ISL_626452	Northwestern Memorial Hospital	Ozer Lab	Ramon Lorenzo-Redondo et al
EPI_ISL_404253	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al
EPI_ISL_410045	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li et al
EPI_ISL_593554	Brigham and Women's Hospital	Jonathan Li Laboratory	Manish C. Choudhary et al
EPI_ISL_593555	Brigham and Women's Hospital	Jonathan Li Laboratory	Manish C. Choudhary et al
EPI_ISL_593556	Brigham and Women's Hospital	Jonathan Li Laboratory	Manish C. Choudhary et al
EPI_ISL_593557	Brigham and Women's Hospital	Jonathan Li Laboratory	Manish C. Choudhary et al
EPI_ISL_593558	Brigham and Women's Hospital	Jonathan Li Laboratory	Manish C. Choudhary et al
EPI_ISL_692846	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang et al
EPI_ISL_409067	Massachusetts Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al
EPI_ISL_682133	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano et al
EPI_ISL_414588	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Matt Plumb et al
EPI_ISL_414589	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Matt Plumb et al
EPI_ISL_414590	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Matt Plumb et al
EPI_ISL_683766	DOHMH Corona	New York City Public Health Laboratory	Jade Wang et al
EPI_ISL_456109	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Maria Aguero-Rosenfeld et al
EPI_ISL_414476	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Gopi Patel et al
EPI_ISL_415151	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Gopi Patel et al
EPI_ISL_526015	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell et al
EPI_ISL_411956	Texas Department of State Health Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al
EPI_ISL_415539	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young et al
EPI_ISL_415541	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young et al
EPI_ISL_415542	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young et al

EPI_ISL_415543	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young et al
EPI_ISL_415544	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young et al
EPI_ISL_413456	Seattle Flu Study, University of Washington Medical Center	Seattle Flu Study, University of Washington Medical Center	Chu et al et al
EPI_ISL_413560	Seattle Flu Study	Seattle Flu Study	Chu et al et al
EPI_ISL_570847	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414363	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414364	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414365	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414366	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414367	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414368	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414369	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414591	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414592	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414593	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414594	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414595	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414596	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414597	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414616	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414617	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414618	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414619	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414620	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414621	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_414622	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415605	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415606	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415607	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415608	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415609	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415610	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415611	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415612	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415613	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415614	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415615	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415616	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415617	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415619	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415620	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415621	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415622	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al

EPI_ISL_415623	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415624	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415625	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415626	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415627	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415591	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415592	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415594	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415595	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415596	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415597	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415598	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415599	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415600	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415601	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415602	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415603	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_415604	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_404895	Providence Regional Medical Center	Division of Viral Diseases, Centers for Disease Control and Prevention	Queen et al
EPI_ISL_413562	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413563	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413601	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413649	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413650	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413651	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413652	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413653	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_412970	Washington State Department of Health	Seattle Flu Study	Helen Chu et al
EPI_ISL_413025	Harborview Medical Center	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413455	Washington State Public Health Lab	University of Washington Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413457	Washington State Public Health Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413458	Washington State Public Health Lab	UW Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413486	Valley Medical Center	University of Washington Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_413487	Harborview Medical Center	University of Washington Virology Lab	Pavitra Roychoudhury et al
EPI_ISL_408670	Wisconsin Department of Health Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Jing Zhang et al
EPI_ISL_416427	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al
EPI_ISL_416428	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al
EPI_ISL_416430	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al
EPI_ISL_416431	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al
EPI_ISL_416429	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al

EPI_ISL_408668	National Influenza Center - National Institute of Hygiene and Epidemiology (NIHE)	National Influenza Center - National Institute of Hygiene and Epidemiology (NIHE)	Ung Thi Hong Trang et al
EPI_ISL_625434	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_634772	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_634783	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_624489	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Jacquelyn Wynn et al
EPI_ISL_665338	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett et al
EPI_ISL_585626	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_585628	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_585629	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark et al
EPI_ISL_625439	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_609176	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_634802	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_634809	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Rob Howes et al
EPI_ISL_627208	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_626843	West of Scotland Specialist Virology Centre, NHSGGC / MRC- University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe et al
EPI_ISL_553113	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Alderley Park et al
EPI_ISL_553113 EPI_ISL_535183	Lighthouse Lab in Milton Keynes Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham		
	Queens Medical Centre, Clinical Microbiology Department /	UK) consortium	Park et al
EPI_ISL_535183	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Park et al Gemma Clark et al The Lighthouse Lab in Alderley
EPI_ISL_535183 EPI_ISL_552145	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh Oxford Viromics, NDM, University of Oxford; Oxford University	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874 EPI_ISL_560080	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al Tanya Golubchik et al
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874 EPI_ISL_560080 EPI_ISL_601551	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874 EPI_ISL_560080 EPI_ISL_601551 EPI_ISL_601786	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874 EPI_ISL_560080 EPI_ISL_601751 EPI_ISL_601754	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh / Notford Viromics, NDM, University of Oxford; Oxford University Highthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874 EPI_ISL_560080 EPI_ISL_601751 EPI_ISL_601754 EPI_ISL_601638	Queens Medical Centre, Clinical Microbiology Department / Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Oxford Viromics, NDM, University of Oxford; Oxford University Highthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_535183 EPI_ISL_552145 EPI_ISL_552062 EPI_ISL_552081 EPI_ISL_572874 EPI_ISL_560080 EPI_ISL_601551 EPI_ISL_601754 EPI_ISL_601638 EPI_ISL_601724	Queens Medical Centre, Clinical Microbiology Department / Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Oxford Viromics, NDM, University of Oxford; Oxford University Highthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Park et al Gemma Clark et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al The Lighthouse Lab in Alderley Park et al McHugh M et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al

EPI_ISL_601440	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_601378	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_601367	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580961	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580864	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580898	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581078	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581076	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_577401	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik et al
EPI_ISL_581283	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581202	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589789	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_581343	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_589770	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_580848	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	The Lighthouse Lab in Milton
EPI_ISL_580719	Lighthouse Lab in Winton Reynes	UK) consortium	Keynes et al
EPI_ISL_580719	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital		
	Oxford Viromics, NDM, University of Oxford; Oxford University	UK) consortium	Keynes et al
EPI_ISL_594906	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium	Keynes et al Tanya Golubchik et al
EPI_ISL_594906 EPI_ISL_594921	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819 EPI_ISL_580736	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819 EPI_ISL_580736 EPI_ISL_580812	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819 EPI_ISL_580812 EPI_ISL_580812 EPI_ISL_600912	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819 EPI_ISL_580812 EPI_ISL_580812 EPI_ISL_600912 EPI_ISL_600892	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al
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EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819 EPI_ISL_580812 EPI_ISL_600912 EPI_ISL_600913 EPI_ISL_600915	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580819 EPI_ISL_580812 EPI_ISL_580812 EPI_ISL_600912 EPI_ISL_600913 EPI_ISL_600915 EPI_ISL_600915	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594906 EPI_ISL_594921 EPI_ISL_589764 EPI_ISL_580736 EPI_ISL_580812 EPI_ISL_580812 EPI_ISL_600912 EPI_ISL_600913 EPI_ISL_600915 EPI_ISL_600915 EPI_ISL_589070 EPI_ISL_599946	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al
EPI_ISL_594906 EPI_ISL_589764 EPI_ISL_589764 EPI_ISL_580716 EPI_ISL_580736 EPI_ISL_580812 EPI_ISL_600912 EPI_ISL_600913 EPI_ISL_600915 EPI_ISL_600915 EPI_ISL_599946 EPI_ISL_599839	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital Lighthouse Lab in Milton Keynes Lighthouse Lab in Milton Keynes	UK) consortium COVID-19 Genomics UK (COG-UK) Consortium COVID-19 Genomics UK (COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Keynes et al Tanya Golubchik et al Tanya Golubchik et al The Lighthouse Lab in Milton Keynes et al

EPI_ISL_609287	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_609291	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_609294	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_609247	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_609226	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_609243	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_609280	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_595144	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_625415	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_642942	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_647831	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	The Lighthouse Lab in Milton Keynes et al
EPI_ISL_650959	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_651436	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun et al
EPI_ISL_651437	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_638090	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva et al
EPI_ISL_650559	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_650716	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_414486	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415041	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_414488	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415435	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415977	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415978	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
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EPI_ISL_415453	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415536	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415991	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_413556	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_416026	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415916	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415918	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
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EPI_ISL_416024	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al

EPI_ISL_415657	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_415538	Wales Specialist Virology Centre	Public Health Wales Microbiology Cardiff	Catherine Moore et al
EPI_ISL_529226	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
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EPI_ISL_681181	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_681236	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore et al
EPI_ISL_588671	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_588445	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_586240	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al
EPI_ISL_599329	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_647854	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_647944	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_634737	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) consortium	Harper VanSteenhouse et al
EPI_ISL_647928	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al

EPI_ISL_647890	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_647897	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_647919	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_647904	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG- UK) Consortium	Harper VanSteenhouse et al
EPI_ISL_413691	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413692	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413693	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413694	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413697	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413711	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413729	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413746	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413748	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413749	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413750	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413751	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413753	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413761	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413791	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_413809	Weifang Center for Disease Control and Prevention	Weifang Center for Disease Control and Prevention & BGI- Shenzhen	Qing Nie et al
EPI_ISL_402132	Wuhan Jinyintan Hospital	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_412898	Wuhan Jinyintan Hospital	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_412978	The Central Hospital Of Wuhan	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_412979	Union Hospital of Tongji Medical College, Huazhong University of Science and Technology	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_412980	Union Hospital of Tongji Medical College, Huazhong University of Science and Technology	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_412981	CR&WISCO GENERAL HOSPITAL	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_412982	Wuhan Lung Hospital	Hubei Provincial Center for Disease Control and Prevention	Bin Fang et al
EPI_ISL_402125	National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China CDC)	National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China CDC)	Zhang et al
EPI_ISL_402123	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Lili Ren et al
EPI_ISL_403931	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Lili Ren et al
EPI_ISL_403930	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Lili Ren et al
EPI_ISL_403929	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Lili Ren et al

EPI_ISL_403928	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College	Lili Ren et al
EPI_ISL_402120	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Wenjie Tan et al
EPI_ISL_402121	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Wenjie Tan et al
EPI_ISL_406798	General Hospital of Central Theater Command of People's Liberation Army of China	BGI & Institute of Microbiology, Chinese Academy of Sciences & Shandong First Medical University & Shandong Academy of Medical Sciences & General Hospital of Central Theater Command of People's Liberation Army of China	Weijun Chen et al
EPI_ISL_406800	General Hospital of Central Theater Command of People's Liberation Army of China	BGI & Institute of Microbiology, Chinese Academy of Sciences & Shandong First Medical University & Shandong Academy of Medical Sciences & General Hospital of Central Theater Command of People's Liberation Army of China	Weijun Chen et al
EPI_ISL_406801	General Hospital of Central Theater Command of People's Liberation Army of China	BGI & Institute of Microbiology, Chinese Academy of Sciences & Shandong First Medical University & Shandong Academy of Medical Sciences & General Hospital of Central Theater Command of People's Liberation Army of China	Weijun Chen et al
EPI_ISL_406716	State Key Laboratory of Virology, Wuhan University	State Key Laboratory of Virology, Wuhan University	Chen et al
EPI_ISL_406717	State Key Laboratory of Virology, Wuhan University	State Key Laboratory of Virology, Wuhan University	Chen et al
EPI_ISL_402127	Wuhan Jinyintan Hospital	Wuhan Institute of Virology, Chinese Academy of Sciences	Peng Zhou et al
EPI_ISL_402124	Wuhan Jinyintan Hospital	Wuhan Institute of Virology, Chinese Academy of Sciences	Peng Zhou et al
EPI_ISL_402128	Wuhan Jinyintan Hospital	Wuhan Institute of Virology, Chinese Academy of Sciences	Peng Zhou et al
EPI_ISL_402129	Wuhan Jinyintan Hospital	Wuhan Institute of Virology, Chinese Academy of Sciences	Peng Zhou et al
EPI_ISL_402130	Wuhan Jinyintan Hospital	Wuhan Institute of Virology, Chinese Academy of Sciences	Peng Zhou et al
EPI_ISL_408480	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control & Prevention, CCDC	Wenjie Tan et al
EPI_ISL_404227	Zhejiang Provincial Center for Disease Control and Prevention	Department of Microbiology, Zhejiang Provincial Center for Disease Control and Prevention	Yin Chen et al
EPI_ISL_404228	Zhejiang Provincial Center for Disease Control and Prevention	Department of Microbiology, Zhejiang Provincial Center for Disease Control and Prevention	Yanjun Zhang et al
EPI_ISL_487275	Department of Veterinary Pathology, University of Liege - FARAH	Department of Veterinary Pathology, University of Liege - FARAH	Garigliany et al
EPI_ISL_683164	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium et al
EPI_ISL_683165	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium et al
EPI_ISL_683166	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium et al
EPI_ISL_536400	Fareham Creek Veterinary Surgery	MRC-University of Glasgow Centre for Virus Research	Margaret J Hosie et al
EPI_ISL_483063	unknown	Virology, Ecole Nationale Veterinaire de Toulouse	Bessiere et al
EPI_ISL_483064	unknown	Virology, Ecole Nationale Veterinaire de Toulouse	Bessiere et al
EPI_ISL_437349	Ecole nationale vétérinaire d'Alfort-laboratoire de santé animale Anses UMR 1161 de virologie ENVA-Anses-INRAE	Institut Pasteur CIBU-ERI	Sophie Le Poder et al
EPI_ISL_482820	Centre de Recerca en Sanitat Animal (IRTA-CReSA)	IrsiCaixa AIDS Research Lab	J. Segalés et al
EPI_ISL_699506	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Hamer et al
EPI_ISL_699507	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Hamer et al
EPI_ISL_699509	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Hamer et al
EPI_ISL_450403	School of Public Health, The University of Hong Kong	School of Public Health, The University of Hong Kong	Sit et al
EPI_ISL_699508	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Diagnostic Virology Laboratory, USDA National Veterinary Services Laboratories	Hamer et al
EPI_ISL_566038	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
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EPI_ISL_566037	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
EPI_ISL_626343	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626346	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626340	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626344	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626341	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626345	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626347	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626342	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626348	Statens Serum Institute	Statens Serum Institute	Hammer et al
EPI_ISL_626349	Statens Serum Institute	Statens Serum Institute	Hammer et al
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EPI_ISL_683103	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen La
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EPI_ISL_641438	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertse
EPI_ISL_683203	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertse
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EPI_ISL_683262	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Dep
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EPI_ISL_683316	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen La
EPI_ISL_683317	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen La
EPI_ISL_683318	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen La
EPI_ISL_683319	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen La
EPI_ISL_683320	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen La
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EPI_ISL_641471	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
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EPI_ISL_641482	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
EPI_ISL_641483	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
EPI_ISL_641484	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
EPI_ISL_641485	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
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EPI_ISL_641487	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
EPI_ISL_641488	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Thomas Bruun Rasmussen et al
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EPI_ISL_431778	Virology, Wageningen Bioveterinary Research	Virology, Wageningen Bioveterinary Research	Oreshkova et al
EPI_ISL_522991	Dutch COVID-19 response team	Erasmus Medical Center	OH consortium et al
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EPI_ISL_447634	Virology, Wageningen Bioveterinary Research	Virology, Wageningen Bioveterinary Research	Oreshkova et al
EPI_ISL_459910	Zoonotic and Exotic infection Diseases Division, Harbin Veterinary Research Institute, CAAS	Zoonotic and Exotic infection Diseases Division, Harbin Veterinary Resrarch Institute, CAAS	Jinliang Wang et al
EPI_ISL_420293	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories	Patrick K. Mitchell et al
EPI_ISL_566039	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
EPI_ISL_566041	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
EPI_ISL_566042	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
EPI_ISL_566040	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
EPI_ISL_566043	Wildlife Conservation Society, Bronx Zoo	Diagnostic Virology Laboratory, United States Department of Agriculture, National Veterinary Services Laboratories, Population Medicine and Diagnostic Sciences, Cornell University	McAloose et al
EPI_ISL_415692	unknown	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert, Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Flora Donati Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_415697	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert, Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Flora Donati Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Raulin Olivia
EPI_ISL_415540	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young, Kelly Oakeson
EPI_ISL_415696	Centre Hospitalier Compiègne Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert, Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Flora Donati Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Raulin Olivia
EPI_ISL_415695	unknown	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert, Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Flora Donati Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_415694	unknown	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert, Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Flora Donati Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_415693	Hôpital Instruction des Armées - BEGIN	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélnie Albert, Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Flora Donati Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Christine Bigaillon

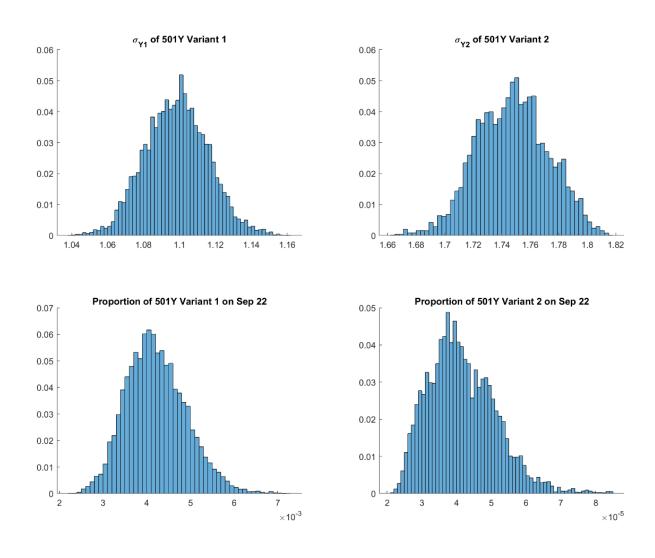


Figure S1. The posterior distribution of model parameters

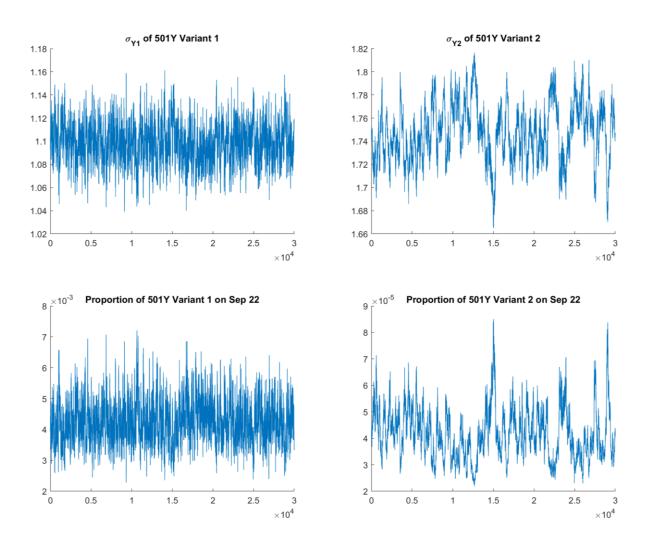


Figure S2. The MCMC trace plots of model parameter