

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 were generated and shared via GISAID, on which this research is based.

All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1000001, EPI_ISL_1000007	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1000058, EPI_ISL_1000063, EPI_ISL_1000065, EPI_ISL_1000069	Plateforme BIS Namur	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1000189, EPI_ISL_1000312, EPI_ISL_1000319, EPI_ISL_1000321	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1000847, EPI_ISL_1000855, EPI_ISL_1000863, EPI_ISL_1000877, EPI_ISL_1000880, EPI_ISL_1000935	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford
EPI_ISL_1001189, EPI_ISL_1001190, EPI_ISL_1001221, EPI_ISL_1001261, EPI_ISL_1001262	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Zoe Yandle, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1001354, EPI_ISL_1001386	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Griscelli Franck
EPI_ISL_1001393	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Thellier
EPI_ISL_1001851	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
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EPI_ISL_1002347	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003928, EPI_ISL_1003929, EPI_ISL_1003930, EPI_ISL_1003931, EPI_ISL_1003932	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003933	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003934, EPI_ISL_1003935, EPI_ISL_1003936, EPI_ISL_1003937, EPI_ISL_1003938, EPI_ISL_1003939	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003940	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003941, EPI_ISL_1003942, EPI_ISL_1003943, EPI_ISL_1003944, EPI_ISL_1003945	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003946	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003947, EPI_ISL_1003948, EPI_ISL_1003949, EPI_ISL_1003950, EPI_ISL_1003951, EPI_ISL_1003952	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003953	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
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see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003980	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie

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		Zürich	Nissen, Natascha Santacrose, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
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EPI_ISL_1005501, EPI_ISL_1005503	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
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see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007946, EPI_ISL_1007949, EPI_ISL_1007966, EPI_ISL_1007973, EPI_ISL_1007974, EPI_ISL_1007975, EPI_ISL_1007976, EPI_ISL_1007977	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulis, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszaków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba
EPI_ISL_1008340, EPI_ISL_1008355, EPI_ISL_1008356	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1008563, EPI_ISL_1008575, EPI_ISL_1008577, EPI_ISL_1008580, EPI_ISL_1008581	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1008589	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1008598	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1008672, EPI_ISL_1008674	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Giannico A.
EPI_ISL_1008687	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.
EPI_ISL_1008690, EPI_ISL_1008692, EPI_ISL_1008694, EPI_ISL_1008702	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Giannico A.
EPI_ISL_1009644, EPI_ISL_1009648	DPHL	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1009721, EPI_ISL_1009733	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1011674, EPI_ISL_1011676	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., ONeil,M., Bronson A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1012669, EPI_ISL_1012670, EPI_ISL_1012671	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012884, EPI_ISL_1012885, EPI_ISL_1012887, EPI_ISL_1012888, EPI_ISL_1012889, EPI_ISL_1012891, EPI_ISL_1012894, EPI_ISL_1012896, EPI_ISL_1012899	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'elda Malone, Jennifer Benoit
EPI_ISL_1012927, EPI_ISL_1012933, EPI_ISL_1012934, EPI_ISL_1012935, EPI_ISL_1012937, EPI_ISL_1012943, EPI_ISL_1012944, EPI_ISL_1012946, EPI_ISL_1012947, EPI_ISL_1012953, EPI_ISL_1012955, EPI_ISL_1012957, EPI_ISL_1012963, EPI_ISL_1012964, EPI_ISL_1012965, EPI_ISL_1012967, EPI_ISL_1012971, EPI_ISL_1012973, EPI_ISL_1012974, EPI_ISL_1012975, EPI_ISL_1012977, EPI_ISL_1012982, EPI_ISL_1012983, EPI_ISL_1012984, EPI_ISL_1012985, EPI_ISL_1012986, EPI_ISL_1012990, EPI_ISL_1012991, EPI_ISL_1012992, EPI_ISL_1012993, EPI_ISL_1012995, EPI_ISL_1013000, EPI_ISL_1013001, EPI_ISL_1013003	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Esteban, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori	
see above	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)		
EPI_ISL_1013211, EPI_ISL_1013212, EPI_ISL_1013213, EPI_ISL_1013235	Hôpital Necker	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Fourgeaud Jacques
EPI_ISL_1013411, EPI_ISL_1013412	CHU - Hôpital Cavale Blanche	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Piorgre LéA
EPI_ISL_1013415	Hôpital Necker	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Fourgeaud Jacques

EPI_ISL_1013417	Institut Pasteur de Guadeloupe	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Talarmin Antoine
EPI_ISL_1013468	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013470, EPI_ISL_1013472	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013475	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013480, EPI_ISL_1013481	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013494	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013684, EPI_ISL_1013685, EPI_ISL_1013696, EPI_ISL_1013713, EPI_ISL_1013714, EPI_ISL_1013715, EPI_ISL_1013726, EPI_ISL_1013804, EPI_ISL_1013805, EPI_ISL_1013806, EPI_ISL_1013807, EPI_ISL_1013808, EPI_ISL_1013809, EPI_ISL_1013810, EPI_ISL_1013811, EPI_ISL_1013812, EPI_ISL_1013813, EPI_ISL_1013814, EPI_ISL_1013815, EPI_ISL_1013816, EPI_ISL_1013817, EPI_ISL_1013818, EPI_ISL_1013842, EPI_ISL_1013843, EPI_ISL_1013849, EPI_ISL_1013850, EPI_ISL_1013958, EPI_ISL_1013959, EPI_ISL_1013960, EPI_ISL_1013961, EPI_ISL_1014270, EPI_ISL_1014271, EPI_ISL_1014278, EPI_ISL_1014283, EPI_ISL_1014329, EPI_ISL_1014330, EPI_ISL_1014331, EPI_ISL_1014332, EPI_ISL_1014351, EPI_ISL_1014352, EPI_ISL_1014355, EPI_ISL_1014383, EPI_ISL_1014416, EPI_ISL_1014597, EPI_ISL_1014598, EPI_ISL_1014599, EPI_ISL_1014600, EPI_ISL_1014601, EPI_ISL_1014602, EPI_ISL_1014603, EPI_ISL_1014604, EPI_ISL_1014605, EPI_ISL_1014606, EPI_ISL_1014607, EPI_ISL_1014608, EPI_ISL_1014609, EPI_ISL_1014610, EPI_ISL_1014611			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1014806, EPI_ISL_1014807, EPI_ISL_1014850, EPI_ISL_1014852, EPI_ISL_1014855, EPI_ISL_1014858, EPI_ISL_1014861, EPI_ISL_1014863, EPI_ISL_1014866, EPI_ISL_1014867, EPI_ISL_1014869			
see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1015646, EPI_ISL_1015647	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1015881	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilicisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_1016013	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1016101, EPI_ISL_1016102, EPI_ISL_1016103, EPI_ISL_1016104, EPI_ISL_1016106, EPI_ISL_1016107	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016132	THE MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016169	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016175, EPI_ISL_1016178, EPI_ISL_1016185, EPI_ISL_1016193, EPI_ISL_1016209, EPI_ISL_1016219	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016595, EPI_ISL_1016596, EPI_ISL_1016612, EPI_ISL_1016613, EPI_ISL_1016614, EPI_ISL_1016615, EPI_ISL_1016616, EPI_ISL_1016617, EPI_ISL_1016618, EPI_ISL_1016619, EPI_ISL_1016620, EPI_ISL_1016621			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1016864	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Usshier, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Mutaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1016935, EPI_ISL_1016936	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1017760, EPI_ISL_1017810	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1017835, EPI_ISL_1017845, EPI_ISL_1017848, EPI_ISL_1017853, EPI_ISL_1017862, EPI_ISL_1017868	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1018218, EPI_ISL_1018219	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1020362	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1020559, EPI_ISL_1020564, EPI_ISL_1020565, EPI_ISL_1020566, EPI_ISL_1020567, EPI_ISL_1020568, EPI_ISL_1020570, EPI_ISL_1020574, EPI_ISL_1020579, EPI_ISL_1020580, EPI_ISL_1020581, EPI_ISL_1020583, EPI_ISL_1020584, EPI_ISL_1020588, EPI_ISL_1020591			
see above	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1023619, EPI_ISL_1023620, EPI_ISL_1023621, EPI_ISL_1023622, EPI_ISL_1023623, EPI_ISL_1023624, EPI_ISL_1023625, EPI_ISL_1023626, EPI_ISL_1023627, EPI_ISL_1023628, EPI_ISL_1023629, EPI_ISL_1023631, EPI_ISL_1023632, EPI_ISL_1023633, EPI_ISL_1023636, EPI_ISL_1023637, EPI_ISL_1023639, EPI_ISL_1023640, EPI_ISL_1023645, EPI_ISL_1023646, EPI_ISL_1023647, EPI_ISL_1023648, EPI_ISL_1023649, EPI_ISL_1023650, EPI_ISL_1023651, EPI_ISL_1023652, EPI_ISL_1023653, EPI_ISL_1023654, EPI_ISL_1023655, EPI_ISL_1023656, EPI_ISL_1023657, EPI_ISL_1023658, EPI_ISL_1023682, EPI_ISL_1023684, EPI_ISL_1023687, EPI_ISL_1023689, EPI_ISL_1023691, EPI_ISL_1023692, EPI_ISL_1023693, EPI_ISL_1023694, EPI_ISL_1023695, EPI_ISL_1023696, EPI_ISL_1023697, EPI_ISL_1023698, EPI_ISL_1023699, EPI_ISL_1023700, EPI_ISL_1023701, EPI_ISL_1023702, EPI_ISL_1023703, EPI_ISL_1023704, EPI_ISL_1023705, EPI_ISL_1023706, EPI_ISL_1023707, EPI_ISL_1023711, EPI_ISL_1023712, EPI_ISL_1023713, EPI_ISL_1023714, EPI_ISL_1023715, EPI_ISL_1023716, EPI_ISL_1023717, EPI_ISL_1023722, EPI_ISL_1023724, EPI_ISL_1023728, EPI_ISL_1023730, EPI_ISL_1023731, EPI_ISL_1023732, EPI_ISL_1023733, EPI_ISL_1023734, EPI_ISL_1023735, EPI_ISL_1023736, EPI_ISL_1023737, EPI_ISL_1023738, EPI_ISL_1023739, EPI_ISL_1023740, EPI_ISL_1023742, EPI_ISL_1023743, EPI_ISL_1023744, EPI_ISL_1023745, EPI_ISL_1023746, EPI_ISL_1023747, EPI_ISL_1023748, EPI_ISL_1023749, EPI_ISL_1023750, EPI_ISL_1023751, EPI_ISL_1023753, EPI_ISL_1023755, EPI_ISL_1023756, EPI_ISL_1023757, EPI_ISL_1023758, EPI_ISL_1023759, EPI_ISL_1023760, EPI_ISL_1023761, EPI_ISL_1023762, EPI_ISL_1023763, EPI_ISL_1023764, EPI_ISL_1023765, EPI_ISL_1023766, EPI_ISL_1023767, EPI_ISL_1023768, EPI_ISL_1023769, EPI_ISL_1023770, EPI_ISL_1023771, EPI_ISL_1023773, EPI_ISL_1023774, EPI_ISL_1023775, EPI_ISL_1023776, EPI_ISL_1023777, EPI_ISL_1023778, EPI_ISL_1023779, EPI_ISL_1023780, EPI_ISL_1023781, EPI_ISL_1023782, EPI_ISL_1023783, EPI_ISL_1023784, EPI_ISL_1023785, EPI_ISL_1023786, EPI_ISL_1023787, EPI_ISL_1023788, EPI_ISL_1023789, EPI_ISL_1023790, EPI_ISL_1023791, EPI_ISL_1023792, EPI_ISL_1023793, EPI_ISL_1023794, EPI_ISL_1023795, EPI_ISL_1023796, EPI_ISL_1023797, EPI_ISL_1023798, EPI_ISL_1023799, EPI_ISL_1023800, EPI_ISL_1023802, EPI_ISL_1023804, EPI_ISL_1023805, EPI_ISL_1023806, EPI_ISL_1023807, EPI_ISL_1023808, EPI_ISL_1023810, EPI_ISL_1023811, EPI_ISL_1023812, EPI_ISL_1023813, EPI_ISL_1023814, EPI_ISL_1023815, EPI_ISL_1023816, EPI_ISL_1023817, EPI_ISL_1023818, EPI_ISL_1023819, EPI_ISL_1023820, EPI_ISL_1023821, EPI_ISL_1023822, EPI_ISL_1023823, EPI_ISL_1023824, EPI_ISL_1023825, EPI_ISL_1023851, EPI_ISL_1023852, EPI_ISL_1023853, EPI_ISL_1023854, EPI_ISL_1023855, EPI_ISL_1023856, EPI_ISL_1023857, EPI_ISL_1023858, EPI_ISL_1023859, EPI_ISL_1023861, EPI_ISL_1023862, EPI_ISL_1023863, EPI_ISL_1023864, EPI_ISL_1023865, EPI_ISL_1023866, EPI_ISL_1023867, EPI_ISL_1023868, EPI_ISL_1023869, EPI_ISL_1023870, EPI_ISL_1023871, EPI_ISL_1023872, EPI_ISL_1023873, EPI_ISL_1023874, EPI_ISL_1023875, EPI_ISL_1023876, EPI_ISL_1023877, EPI_ISL_1023878, EPI_ISL_1023879, EPI_ISL_1023880, EPI_ISL_1023881, EPI_ISL_1023883, EPI_ISL_1023884, EPI_ISL_1023885, EPI_ISL_1023886, EPI_ISL_1023887, EPI_ISL_1023888, EPI_ISL_1023889, EPI_ISL_1023890, EPI_ISL_1023891, EPI_ISL_1023892, EPI_ISL_1023893, EPI_ISL_1023894, EPI_ISL_1023895, EPI_ISL_1023896, EPI_ISL_1023897, EPI_ISL_1023898, EPI_ISL_1023899, EPI_ISL_1023900, EPI_ISL_1023902, EPI_ISL_1023903, EPI_ISL_1023904, EPI_ISL_1023905, EPI_ISL_1023907, EPI_ISL_1023908, EPI_ISL_1023909, EPI_ISL_1023912, EPI_ISL_1023913, EPI_ISL_1023914, EPI_ISL_1023915, EPI_ISL_1023916, EPI_ISL_1023917, EPI_ISL_1023918, EPI_ISL_1023919, EPI_ISL_1023921, EPI_ISL_1023922, EPI_ISL_1023923, EPI_ISL_1023924, EPI_ISL_1023925, EPI_ISL_1023926, EPI_ISL_1023927, EPI_ISL_1023928, EPI_ISL_1023929, EPI_ISL_1023930, EPI_ISL_1023931, EPI_ISL_1023932, EPI_ISL_1023933, EPI_ISL_1023934, EPI_ISL_1023935, EPI_ISL_1023936, EPI_ISL_1023937, EPI_ISL_1023938, EPI_ISL_1023939, EPI_ISL_1023940, EPI_ISL_1023941, EPI_ISL_1023942, EPI_ISL_1023944, EPI_ISL_1023945, EPI_ISL_1023946, EPI_ISL_1023948, EPI_ISL_1023949, EPI_ISL_1023950, EPI_ISL_1023951, EPI_ISL_1023952, EPI_ISL_1023953, EPI_ISL_1023954, EPI_ISL_1023955, EPI_ISL_1023956, EPI_ISL_1023957, EPI_ISL_1023958, EPI_ISL_1023959, EPI_ISL_1023960, EPI_ISL_1023961, EPI_ISL_1023962, EPI_ISL_1023963, EPI_ISL_1023964, EPI_ISL_1023965,			

see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1033703, EPI_ISL_1034019	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1034289, EPI_ISL_1034290, EPI_ISL_1034291, EPI_ISL_1034292, EPI_ISL_1034294, EPI_ISL_1034295, EPI_ISL_1034296, EPI_ISL_1034297, EPI_ISL_1034298, EPI_ISL_1034299, EPI_ISL_1034300, EPI_ISL_1034301			
see above	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	José Gonçalves, Tom Koritnik, Martin Bosilj, Katarina Proscenc, Metka Paragi
EPI_ISL_1034925, EPI_ISL_1034935, EPI_ISL_1034952, EPI_ISL_1035016, EPI_ISL_1035017, EPI_ISL_1035018, EPI_ISL_1035019, EPI_ISL_1035022, EPI_ISL_1035023, EPI_ISL_1035030, EPI_ISL_1035034, EPI_ISL_1035043, EPI_ISL_1035054, EPI_ISL_1035056, EPI_ISL_1035062, EPI_ISL_1035066, EPI_ISL_1035100, EPI_ISL_1035106, EPI_ISL_1035126, EPI_ISL_1035127, EPI_ISL_1035128, EPI_ISL_1035129, EPI_ISL_1035130, EPI_ISL_1035135, EPI_ISL_1035160, EPI_ISL_1035176, EPI_ISL_1035185, EPI_ISL_1035188, EPI_ISL_1035191, EPI_ISL_1035192, EPI_ISL_1035209, EPI_ISL_1035231, EPI_ISL_1035232, EPI_ISL_1035454, EPI_ISL_1035455, EPI_ISL_1035573, EPI_ISL_1035574, EPI_ISL_1035575, EPI_ISL_1035576, EPI_ISL_1035578, EPI_ISL_1035582, EPI_ISL_1035621, EPI_ISL_1035622, EPI_ISL_1035623, EPI_ISL_1035624, EPI_ISL_1035668, EPI_ISL_1035671, EPI_ISL_1035710, EPI_ISL_1035716, EPI_ISL_1035719, EPI_ISL_1035720, EPI_ISL_1035723, EPI_ISL_1035738, EPI_ISL_1035739, EPI_ISL_1035740, EPI_ISL_1035741, EPI_ISL_1035742, EPI_ISL_1035753, EPI_ISL_1035754, EPI_ISL_1035755, EPI_ISL_1035756			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1035919, EPI_ISL_1035920, EPI_ISL_1035921, EPI_ISL_1035922, EPI_ISL_1035961, EPI_ISL_1036420	Labo analyses med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Goubard Agathe
EPI_ISL_1036572, EPI_ISL_1036573, EPI_ISL_1036574, EPI_ISL_1036576, EPI_ISL_1036583, EPI_ISL_1036584	TGen North	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engeltshar, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1036860, EPI_ISL_1036929	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1038282, EPI_ISL_1038284, EPI_ISL_1038287, EPI_ISL_1038289, EPI_ISL_1038290, EPI_ISL_1038296, EPI_ISL_1038297, EPI_ISL_1038300, EPI_ISL_1038304, EPI_ISL_1038305, EPI_ISL_1038374, EPI_ISL_1038375, EPI_ISL_1038376, EPI_ISL_1038377, EPI_ISL_1038378, EPI_ISL_1038379, EPI_ISL_1038382, EPI_ISL_1038383, EPI_ISL_1038384, EPI_ISL_1038385, EPI_ISL_1038389, EPI_ISL_1038390, EPI_ISL_1038391, EPI_ISL_1038392, EPI_ISL_1038393, EPI_ISL_1038394, EPI_ISL_1038395, EPI_ISL_1038396, EPI_ISL_1038399, EPI_ISL_1038401, EPI_ISL_1038402, EPI_ISL_1038404, EPI_ISL_1038414, EPI_ISL_1038415, EPI_ISL_1038417, EPI_ISL_1038424, EPI_ISL_1038433, EPI_ISL_1038434, EPI_ISL_1038435, EPI_ISL_1038436, EPI_ISL_1038437, EPI_ISL_1038438, EPI_ISL_1038439, EPI_ISL_1038440, EPI_ISL_1038441, EPI_ISL_1038442, EPI_ISL_1038503, EPI_ISL_1038504, EPI_ISL_1038505, EPI_ISL_1038506, EPI_ISL_1038508, EPI_ISL_1038511, EPI_ISL_1038512, EPI_ISL_1038513, EPI_ISL_1038514, EPI_ISL_1038515, EPI_ISL_1038516, EPI_ISL_1038518, EPI_ISL_1038521, EPI_ISL_1038526, EPI_ISL_1038554, EPI_ISL_1038585, EPI_ISL_1038586, EPI_ISL_1038587, EPI_ISL_1038588, EPI_ISL_1038589, EPI_ISL_1038590, EPI_ISL_1038591, EPI_ISL_1038592, EPI_ISL_1038593, EPI_ISL_1038594, EPI_ISL_1038595, EPI_ISL_1038598, EPI_ISL_1038599, EPI_ISL_1038600, EPI_ISL_1038601, EPI_ISL_1038611, EPI_ISL_1038612, EPI_ISL_1038614, EPI_ISL_1038615, EPI_ISL_1038616, EPI_ISL_1038617, EPI_ISL_1038619, EPI_ISL_1038620, EPI_ISL_1038621, EPI_ISL_1038622, EPI_ISL_1038623, EPI_ISL_1038624, EPI_ISL_1038625, EPI_ISL_1038626, EPI_ISL_1038627, EPI_ISL_1038629, EPI_ISL_1038630, EPI_ISL_1038631, EPI_ISL_1038632, EPI_ISL_1038633, EPI_ISL_1038639, EPI_ISL_1038640, EPI_ISL_1038642, EPI_ISL_1038644, EPI_ISL_1038645, EPI_ISL_1038653, EPI_ISL_1038654, EPI_ISL_1038655, EPI_ISL_1038665, EPI_ISL_1038666, EPI_ISL_1038675, EPI_ISL_1038676, EPI_ISL_1038682, EPI_ISL_1038683, EPI_ISL_1038684, EPI_ISL_1038685, EPI_ISL_1038686, EPI_ISL_1038687, EPI_ISL_1038688, EPI_ISL_1038694, EPI_ISL_1038695, EPI_ISL_1038738, EPI_ISL_1038745, EPI_ISL_1038746, EPI_ISL_1038748, EPI_ISL_1038749, EPI_ISL_1038750, EPI_ISL_1038751, EPI_ISL_1038752, EPI_ISL_1038753, EPI_ISL_1038754, EPI_ISL_1038755, EPI_ISL_1038756, EPI_ISL_1038757, EPI_ISL_1038758, EPI_ISL_1038759, EPI_ISL_1038761, EPI_ISL_1038763, EPI_ISL_1038764, EPI_ISL_1038766, EPI_ISL_1038767, EPI_ISL_1038768, EPI_ISL_1038769, EPI_ISL_1038770, EPI_ISL_1038771, EPI_ISL_1038772, EPI_ISL_1038773, EPI_ISL_1038774, EPI_ISL_1038775, EPI_ISL_1038776, EPI_ISL_1038781, EPI_ISL_1038782, EPI_ISL_1038783, EPI_ISL_1038786			

EPI_ISL_1039674, EPI_ISL_1039675, EPI_ISL_1039676	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Rona S. Scott, Jennifer L. Carroll, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevill, John A. Vanchiere, Daniel J. Snyder, Vaughn S. Cooper, Jeremy P. Kamil
EPI_ISL_1039711	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_1039738, EPI_ISL_1039758, EPI_ISL_1039759, EPI_ISL_1039760, EPI_ISL_1039761, EPI_ISL_1039762	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1039832, EPI_ISL_1039834	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_1040003, EPI_ISL_1040004, EPI_ISL_1040007, EPI_ISL_1040008	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1040404	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Peugeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1040447	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1040459	Vivalia - Clinique Saint-Joseph	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1040907, EPI_ISL_1040908	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1041210, EPI_ISL_1041211, EPI_ISL_1041212	Hungarian Defence Forces Military Medical Centre	National Laboratory of Virology, Szentágotthai Research Centre	Endre Gábor Tóth, Balázs Somogyi, Ágnes Balázs-Nagy, Csaba Peresztlényi,Ferenc Jakab, Gábor Kemenesi
EPI_ISL_1042002, EPI_ISL_1042007, EPI_ISL_1042052, EPI_ISL_1042061, EPI_ISL_1042088, EPI_ISL_1042142, EPI_ISL_1042147, EPI_ISL_1042161, EPI_ISL_1042167, EPI_ISL_1042169, EPI_ISL_1042173, EPI_ISL_1042239, EPI_ISL_1042255, EPI_ISL_1042265, EPI_ISL_1042292, EPI_ISL_1042296, EPI_ISL_1042305, EPI_ISL_1042324, EPI_ISL_1042339, EPI_ISL_1042347, EPI_ISL_1043291, EPI_ISL_1043310, EPI_ISL_1043342, EPI_ISL_1043370, EPI_ISL_1043436, EPI_ISL_1043450, EPI_ISL_1045243, EPI_ISL_1045251, EPI_ISL_1045280, EPI_ISL_1045353, EPI_ISL_1045381, EPI_ISL_1045382, EPI_ISL_1045397, EPI_ISL_1045451, EPI_ISL_1045452, EPI_ISL_1045459, EPI_ISL_1045462, EPI_ISL_1045710, EPI_ISL_1045717, EPI_ISL_1045749, EPI_ISL_1045758, EPI_ISL_1045759, EPI_ISL_1045798, EPI_ISL_1045828, EPI_ISL_1045830, EPI_ISL_1045847, EPI_ISL_1045849, EPI_ISL_1045851, EPI_ISL_1045875, EPI_ISL_1046557	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
see above	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1046784	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Eri Nakayama, Shigeru Tajima, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1046798, EPI_ISL_1046799, EPI_ISL_1046804, EPI_ISL_1046809, EPI_ISL_1046810, EPI_ISL_1046811, EPI_ISL_1046815, EPI_ISL_1046821, EPI_ISL_1046822, EPI_ISL_1046825, EPI_ISL_1046827, EPI_ISL_1046830, EPI_ISL_1046832, EPI_ISL_1046833, EPI_ISL_1046834, EPI_ISL_1046837, EPI_ISL_1046844, EPI_ISL_1046845, EPI_ISL_1046847, EPI_ISL_1046856, EPI_ISL_1046857, EPI_ISL_1046858, EPI_ISL_1046859, EPI_ISL_1046866, EPI_ISL_1046868, EPI_ISL_1046871, EPI_ISL_1046874, EPI_ISL_1046877, EPI_ISL_1046878	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Esteban, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori	
see above	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol. Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Esteban, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori
EPI_ISL_1047035	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology, University of Birmingham: Claire McMurray, Joanne Stockton, Samuel Nicholls, Radoslaw Poplawski, Will Rowe, Josh Quick, Nicholas Loman. University of Birmingham Testing Laboratory: Celina M Whalley, Andrew Bosworth, Charlotte Poxon, Kasun Wanigasooriya, Oliver Pickles, Mike Kidd, Alex Richter, Andrew D Beggs PHE Heartlands Lab: Husam Osman, Andrew Bosworth. Queen Elizabeth Hospital: Anna Casey
EPI_ISL_1047072, EPI_ISL_1047086, EPI_ISL_1047088	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_1047834	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, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1047871, EPI_ISL_1047872, EPI_ISL_1047873	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1048350	Labor Prof. Dr. G. Enders MVZ GbR	Robert Koch Institute, Influenza and respiratory viruses FG17 & Bioinformatics MF1, Berlin, Germany	F. Tewald, Stephan Fuchs, Stefan Kroeger, Marianne Wedde, Oliver Drechsel, Aleksandar Radonic, Rene Kniecinski, Ralf Duerwald, Thorsten Wolff
EPI_ISL_1048413, EPI_ISL_1048414, EPI_ISL_1048415, EPI_ISL_1048416, EPI_ISL_1048417, EPI_ISL_1048418, EPI_ISL_1048419	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Sylvia Krzowska, Monika Cermiska, Barbara Doliska, Ewa Liszewska, Tomasz Jakubczak, Marta ukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Róycka, Beata Wasiek
EPI_ISL_1048562	National Health Laboratory Service, South Africa	KRISP, Kzn Research Innovation and Sequencing Platform	Giandhari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Emmanuel SJ, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_1048617, EPI_ISL_1048618, EPI_ISL_1048722, EPI_ISL_1048723, EPI_ISL_1048724, EPI_ISL_1048725, EPI_ISL_1048726, EPI_ISL_1048727, EPI_ISL_1048728, EPI_ISL_1048729, EPI_ISL_1048730, EPI_ISL_1048731, EPI_ISL_1048732, EPI_ISL_1048733, EPI_ISL_1048734	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1049487	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1049979, EPI_ISL_1049980, EPI_ISL_1049981, EPI_ISL_1049982, EPI_ISL_1049983, EPI_ISL_1049984	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1050176	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, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1050223	Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak; Alasdair MacLean, Rory Gunson; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Sharif Shaaban, Matthew Holden; Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1050344, EPI_ISL_1050345	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton,Aaron Jeffries,Michelle Michelsen,Joanna Warwick-Dugdale,Audrey Farbos,Robyn Manley,Stephen Michell,Jane Masoli
EPI_ISL_1050378, EPI_ISL_1050379, EPI_ISL_1050382, EPI_ISL_1050383, EPI_ISL_1050393, EPI_ISL_1050394, EPI_ISL_1050395, EPI_ISL_1050397, EPI_ISL_1050413, EPI_ISL_1050414, EPI_ISL_1050415, EPI_ISL_1050416, EPI_ISL_1051055, EPI_ISL_1051057, EPI_ISL_1051072, EPI_ISL_1051078, EPI_ISL_1051079, EPI_ISL_1051081, EPI_ISL_1051083, EPI_ISL_1051085, EPI_ISL_1051086, EPI_ISL_1051100	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1051280, EPI_ISL_1051281, EPI_ISL_1051282, EPI_ISL_1051283, EPI_ISL_1051284, EPI_ISL_1051285, EPI_ISL_1051286, EPI_ISL_1051403, EPI_ISL_1051404, EPI_ISL_1051405, EPI_ISL_1051406, EPI_ISL_1051408	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,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
see above	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,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham

EPI_ISL_1051730, EPI_ISL_1051731, EPI_ISL_1051732, EPI_ISL_1051733, EPI_ISL_1051743, EPI_ISL_1051749, EPI_ISL_1051750, EPI_ISL_1051751, EPI_ISL_1051752, EPI_ISL_1051753, EPI_ISL_1051754, EPI_ISL_1051757, EPI_ISL_1051766, EPI_ISL_1051780, EPI_ISL_1051781, EPI_ISL_1051783	see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1052206, EPI_ISL_1052209, EPI_ISL_1052211, EPI_ISL_1052212, EPI_ISL_1052214, EPI_ISL_1052217, EPI_ISL_1052218, EPI_ISL_1052219, EPI_ISL_1052220, EPI_ISL_1052232, EPI_ISL_1052233, EPI_ISL_1052235, EPI_ISL_1052237, EPI_ISL_1052238, EPI_ISL_1052239, EPI_ISL_1052240, EPI_ISL_1052242, EPI_ISL_1052243, EPI_ISL_1052245, EPI_ISL_1052246, EPI_ISL_1052247, EPI_ISL_1052260, EPI_ISL_1052285, EPI_ISL_1052288, EPI_ISL_1052293, EPI_ISL_1052299, EPI_ISL_1052320, EPI_ISL_1052322, EPI_ISL_1052327, EPI_ISL_1052328, EPI_ISL_1052329, EPI_ISL_1052332, EPI_ISL_1052335, EPI_ISL_1052336, EPI_ISL_1052337, EPI_ISL_1052339, EPI_ISL_1052340, EPI_ISL_1052342, EPI_ISL_1052343, EPI_ISL_1052352, EPI_ISL_1052357, EPI_ISL_1052377, EPI_ISL_1052383, EPI_ISL_1052384, EPI_ISL_1052390, EPI_ISL_1052448, EPI_ISL_1052601, EPI_ISL_1052612, EPI_ISL_1053598, EPI_ISL_1053599, EPI_ISL_1053600, EPI_ISL_1053601, EPI_ISL_1053602, EPI_ISL_1053603, EPI_ISL_1053604, EPI_ISL_1053605, EPI_ISL_1053606, EPI_ISL_1053607	see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1053749, EPI_ISL_1053971		Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_1056121, EPI_ISL_1056319, EPI_ISL_1056320, EPI_ISL_1056376, EPI_ISL_1056377, EPI_ISL_1056385, EPI_ISL_1056386, EPI_ISL_1056387, EPI_ISL_1056388, EPI_ISL_1056394, EPI_ISL_1056395, EPI_ISL_1056396, EPI_ISL_1056397, EPI_ISL_1056398, EPI_ISL_1056399, EPI_ISL_1056414, EPI_ISL_1056415, EPI_ISL_1056416, EPI_ISL_1056417, EPI_ISL_1056418, EPI_ISL_1056419, EPI_ISL_1056420, EPI_ISL_1056421, EPI_ISL_1056440, EPI_ISL_1056445, EPI_ISL_1056537, EPI_ISL_1056545, EPI_ISL_1056569, EPI_ISL_1056597, EPI_ISL_1056599	see above	National Laboratory for Health, Environment and Food	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1057032, EPI_ISL_1057073		KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1058060		Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1058068, EPI_ISL_1058072, EPI_ISL_1058073, EPI_ISL_1058074, EPI_ISL_1058075		Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1058439		St. Nikolaus-Hospital Eupen	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058537, EPI_ISL_1058539, EPI_ISL_1058541, EPI_ISL_1058542, EPI_ISL_1058544, EPI_ISL_1058545, EPI_ISL_1058547		CHR de La Citadelle	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058560, EPI_ISL_1058561, EPI_ISL_1058564		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058566		Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058568, EPI_ISL_1058569, EPI_ISL_1058570		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058571		Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058573		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058574		Clinique N.D de Grâce Gosselies	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1058831, EPI_ISL_1058846		Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_1059221, EPI_ISL_1059222, EPI_ISL_1059223, EPI_ISL_1059224, EPI_ISL_1059225, EPI_ISL_1059226, EPI_ISL_1059227		University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1059943		Instituto de Salud Carlos III	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Gil, G.
EPI_ISL_1059985, EPI_ISL_1059986, EPI_ISL_1059987		XERENCIA DE XESTIÓN INTEGRADA DE PONTEVEDRA E O SALNÉS	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonis, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Trigo, M.
EPI_ISL_1060011		HOSPITAL SEVERO OCHOA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Reyes, S.
EPI_ISL_1060033		Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Milkenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1060384, EPI_ISL_1060385, EPI_ISL_1060386, EPI_ISL_1060447, EPI_ISL_1060448, EPI_ISL_1060450, EPI_ISL_1060451, EPI_ISL_1060452, EPI_ISL_1060453		Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guinoleau Thibault
EPI_ISL_1060552		Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1060578, EPI_ISL_1060583, EPI_ISL_1060584, EPI_ISL_1060590		Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Rousset Dominique
EPI_ISL_1060611		Instituto Nacional de Medicina Genómica	Instituto Nacional de Medicina Genómica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1063510		Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1063588, EPI_ISL_1063744, EPI_ISL_1063758		Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1064172		Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell

EPI_ISL_1064258, EPI_ISL_1064274, EPI_ISL_1064275	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1064386	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064446, EPI_ISL_1064447	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1064583, EPI_ISL_1064584, EPI_ISL_1064585, EPI_ISL_1064586, EPI_ISL_1064587, EPI_ISL_1064588	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064594, EPI_ISL_1064595, EPI_ISL_1064596	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064623	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064979	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie
EPI_ISL_1065142, EPI_ISL_1065160, EPI_ISL_1065173, EPI_ISL_1065195, EPI_ISL_1065211, EPI_ISL_1065263, EPI_ISL_1065277, EPI_ISL_1065307, EPI_ISL_1065331, EPI_ISL_1065375, EPI_ISL_1065426, EPI_ISL_1065432, EPI_ISL_1065433, EPI_ISL_1065434, EPI_ISL_1065455, EPI_ISL_1065508, EPI_ISL_1065520, EPI_ISL_1065555, EPI_ISL_1065600, EPI_ISL_1065632, EPI_ISL_1065635, EPI_ISL_1065649, EPI_ISL_1065704, EPI_ISL_1065711, EPI_ISL_1065718, EPI_ISL_1065759, EPI_ISL_1065768, EPI_ISL_1065794, EPI_ISL_1065822, EPI_ISL_1065823, EPI_ISL_1065834, EPI_ISL_1065916, EPI_ISL_1065955, EPI_ISL_1065965, EPI_ISL_1065973, EPI_ISL_1065981, EPI_ISL_1065987, EPI_ISL_1066037, EPI_ISL_1066050, EPI_ISL_1066070, EPI_ISL_1066081, EPI_ISL_1066123, EPI_ISL_1066138, EPI_ISL_1066152, EPI_ISL_1066165, EPI_ISL_1066167, EPI_ISL_1066197, EPI_ISL_1066198, EPI_ISL_1066228, EPI_ISL_1066230, EPI_ISL_1066277, EPI_ISL_1066278, EPI_ISL_1066283, EPI_ISL_1066292, EPI_ISL_1066293, EPI_ISL_1066383, EPI_ISL_1066417, EPI_ISL_1066423, EPI_ISL_1066428, EPI_ISL_1066438, EPI_ISL_1066449, EPI_ISL_1066471, EPI_ISL_1066498, EPI_ISL_1066522, EPI_ISL_1066536, EPI_ISL_1066540, EPI_ISL_1066551, EPI_ISL_1066567, EPI_ISL_1066590, EPI_ISL_1066593, EPI_ISL_1066595, EPI_ISL_1066596, EPI_ISL_1066619, EPI_ISL_1066641, EPI_ISL_1066660, EPI_ISL_1066677, EPI_ISL_1066705, EPI_ISL_1066714, EPI_ISL_1066723, EPI_ISL_1066732, EPI_ISL_1066768, EPI_ISL_1066801, EPI_ISL_1066811, EPI_ISL_1066888, EPI_ISL_1066892, EPI_ISL_1066902, EPI_ISL_1066905, EPI_ISL_1066928, EPI_ISL_1066939, EPI_ISL_1066951, EPI_ISL_1066960, EPI_ISL_1066962, EPI_ISL_1066971, EPI_ISL_1066983, EPI_ISL_1067001, EPI_ISL_1067017, EPI_ISL_1067019, EPI_ISL_1067028, EPI_ISL_1067032, EPI_ISL_1067043, EPI_ISL_1067047, EPI_ISL_1067067, EPI_ISL_1067073, EPI_ISL_1067076, EPI_ISL_1067077, EPI_ISL_1067078, EPI_ISL_1067089, EPI_ISL_1067102, EPI_ISL_1067108, EPI_ISL_1067126, EPI_ISL_1067153, EPI_ISL_1067196, EPI_ISL_1067213, EPI_ISL_1067231, EPI_ISL_1067236, EPI_ISL_1067263, EPI_ISL_1067265, EPI_ISL_1067312, EPI_ISL_1067333, EPI_ISL_1067345, EPI_ISL_1067377, EPI_ISL_1067392, EPI_ISL_1067417, EPI_ISL_1067418, EPI_ISL_1067435, EPI_ISL_1067449, EPI_ISL_1067476, EPI_ISL_1067479, EPI_ISL_1067496, EPI_ISL_1067499, EPI_ISL_1067515, EPI_ISL_1067557	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1067809	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1067858, EPI_ISL_1067859, EPI_ISL_1067860, EPI_ISL_1067861, EPI_ISL_1067862, EPI_ISL_1067863, EPI_ISL_1067864, EPI_ISL_1067865, EPI_ISL_1067866, EPI_ISL_1067867, EPI_ISL_1067868	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1068296	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1070005, EPI_ISL_1070045, EPI_ISL_1070095, EPI_ISL_1070121, EPI_ISL_1070845	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1073911, EPI_ISL_1073912	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1073924	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1080127, EPI_ISL_1080128, EPI_ISL_1080130, EPI_ISL_1080133, EPI_ISL_1080134, EPI_ISL_1080138, EPI_ISL_1080139, EPI_ISL_1080141, EPI_ISL_1080142, EPI_ISL_1080144, EPI_ISL_1080145, EPI_ISL_1080146, EPI_ISL_1080147, EPI_ISL_1080149, EPI_ISL_1080152, EPI_ISL_1080155, EPI_ISL_1080156, EPI_ISL_1080157, EPI_ISL_1080158, EPI_ISL_1080159, EPI_ISL_1080160, EPI_ISL_1080163, EPI_ISL_1080164, EPI_ISL_1080165, EPI_ISL_1080169, EPI_ISL_1080172, EPI_ISL_1080174, EPI_ISL_1080176, EPI_ISL_1080181, EPI_ISL_1080182, EPI_ISL_1080183, EPI_ISL_1080187, EPI_ISL_1080188, EPI_ISL_1080192, EPI_ISL_1080203, EPI_ISL_1080204, EPI_ISL_1080211, EPI_ISL_1080214, EPI_ISL_1080215, EPI_ISL_1080223, EPI_ISL_1080231, EPI_ISL_1080232, EPI_ISL_1080235, EPI_ISL_1080236, EPI_ISL_1080237, EPI_ISL_1080238, EPI_ISL_1080239, EPI_ISL_1080244, EPI_ISL_1080248, EPI_ISL_1080250, EPI_ISL_1080255, EPI_ISL_1080257, EPI_ISL_1080260, EPI_ISL_1080265, EPI_ISL_1080267, EPI_ISL_1080278, EPI_ISL_1080281, EPI_ISL_1080282, EPI_ISL_1080287, EPI_ISL_1080295, EPI_ISL_1080296, EPI_ISL_1080302, EPI_ISL_1080306, EPI_ISL_1080307, EPI_ISL_1080409	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1080447	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1081035, EPI_ISL_1081036, EPI_ISL_1081037, EPI_ISL_1081038, EPI_ISL_1081039, EPI_ISL_1081040, EPI_ISL_1081042, EPI_ISL_1081043, EPI_ISL_1081044	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
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EPI_ISL_1081101, EPI_ISL_1081104, EPI_ISL_1081107	Biology Lab, HIA BEGIN	IRBA, 2MI	GORGE O., DEPEILLE A., CHAPUS C., MERENS-GONTIER A.
EPI_ISL_1081136, EPI_ISL_1081173, EPI_ISL_1081181, EPI_ISL_1081184	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_1081844, EPI_ISL_1081845, EPI_ISL_1081846, EPI_ISL_1081847, EPI_ISL_1081848, EPI_ISL_1081849, EPI_ISL_1081851, EPI_ISL_1081852, EPI_ISL_1081853, EPI_ISL_1081855, EPI_ISL_1081856, EPI_ISL_1081857, EPI_ISL_1081858, EPI_ISL_1081859, EPI_ISL_1081860, EPI_ISL_1081861, EPI_ISL_1081863, EPI_ISL_1081865, EPI_ISL_1081866, EPI_ISL_1081867, EPI_ISL_1081868, EPI_ISL_1081869, EPI_ISL_1081870, EPI_ISL_1081871, EPI_ISL_1081872, EPI_ISL_1081873, EPI_ISL_1081874, EPI_ISL_1081875, EPI_ISL_1081876, EPI_ISL_1081877	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1082292, EPI_ISL_1082293	INT Fondazione Pascale	INT Fondazione Pascale	INT Fondazione Pascale
EPI_ISL_1084755	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1085166	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1085540, EPI_ISL_1085541, EPI_ISL_1085544, EPI_ISL_1085545, EPI_ISL_1085553, EPI_ISL_1085641, EPI_ISL_1085671, EPI_ISL_1085672	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlitsky
EPI_ISL_1086409, EPI_ISL_1086452, EPI_ISL_1086552, EPI_ISL_1086560, EPI_ISL_1086566, EPI_ISL_1086569, EPI_ISL_1086570, EPI_ISL_1086572, EPI_ISL_1086573, EPI_ISL_1086575, EPI_ISL_1086578, EPI_ISL_1086582, EPI_ISL_1086584, EPI_ISL_1086588, EPI_ISL_1086592, EPI_ISL_1086597, EPI_ISL_1086601, EPI_ISL_1086603, EPI_ISL_1086616, EPI_ISL_1086618, EPI_ISL_1086626, EPI_ISL_1086634, EPI_ISL_1086635, EPI_ISL_1086639, EPI_ISL_1086641, EPI_ISL_1086650, EPI_ISL_1086659, EPI_ISL_1086661, EPI_ISL_1086664	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases,	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E.



Centers for Disease Control and Prevention			Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell		
EPI_ISL_1087314	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang		
EPI_ISL_1087558, EPI_ISL_1087559, EPI_ISL_1087560, EPI_ISL_1087561, EPI_ISL_1087563, EPI_ISL_1087564, EPI_ISL_1087565, EPI_ISL_1087566, EPI_ISL_1087567, EPI_ISL_1087568, EPI_ISL_1087569, EPI_ISL_1087570, EPI_ISL_1087571, EPI_ISL_1087572, EPI_ISL_1087573, EPI_ISL_1087574, EPI_ISL_1087575, EPI_ISL_1087576, EPI_ISL_1087577, EPI_ISL_1087578, EPI_ISL_1087579, EPI_ISL_1087580, EPI_ISL_1087581, EPI_ISL_1087582, EPI_ISL_1087583, EPI_ISL_1087584, EPI_ISL_1087585, EPI_ISL_1087586, EPI_ISL_1087587, EPI_ISL_1087588, EPI_ISL_1087589, EPI_ISL_1087590, EPI_ISL_1087591, EPI_ISL_1087592, EPI_ISL_1087593, EPI_ISL_1087594, EPI_ISL_1087595, EPI_ISL_1087596, EPI_ISL_1087597, EPI_ISL_1087598, EPI_ISL_1087599, EPI_ISL_1087600, EPI_ISL_1087601, EPI_ISL_1087602, EPI_ISL_1087603, EPI_ISL_1087604, EPI_ISL_1087605, EPI_ISL_1087606, EPI_ISL_1087607, EPI_ISL_1087608, EPI_ISL_1087609, EPI_ISL_1087610, EPI_ISL_1087611, EPI_ISL_1087612, EPI_ISL_1087613, EPI_ISL_1087614, EPI_ISL_1087615, EPI_ISL_1087616, 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EPI_ISL_1088525, EPI_ISL_1088530, EPI_ISL_1088533, EPI_ISL_1088536, EPI_ISL_1088539, EPI_ISL_1088543, EPI_ISL_1088544					
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell		
EPI_ISL_1088925, EPI_ISL_1088932, EPI_ISL_1088936, EPI_ISL_1088940	Helix / Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell		
EPI_ISL_1089446, EPI_ISL_1089447, EPI_ISL_1089448, EPI_ISL_1089449, EPI_ISL_1089450, EPI_ISL_1089451, EPI_ISL_1089452, EPI_ISL_1089453, EPI_ISL_1089454, EPI_ISL_1089455, EPI_ISL_1089456, EPI_ISL_1089594, EPI_ISL_1089614, EPI_ISL_1089651, EPI_ISL_1089652, EPI_ISL_1089653, EPI_ISL_1089654, EPI_ISL_1089655, EPI_ISL_1089656, EPI_ISL_1089807, EPI_ISL_1089852, EPI_ISL_1089853, EPI_ISL_1089854, EPI_ISL_1089855, EPI_ISL_1089856, EPI_ISL_1089857, EPI_ISL_1089858, EPI_ISL_1089859, EPI_ISL_1089860, EPI_ISL_1089861, EPI_ISL_1089862, EPI_ISL_1089863, EPI_ISL_1089864, EPI_ISL_1089865, EPI_ISL_1089866, EPI_ISL_1089867, EPI_ISL_1089868, EPI_ISL_1089869, EPI_ISL_1089870, EPI_ISL_1089871, EPI_ISL_1089872, EPI_ISL_1089873, EPI_ISL_1089874	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team		
EPI_ISL_1090417, EPI_ISL_1090518, EPI_ISL_1090708, EPI_ISL_1090711, EPI_ISL_1090800, EPI_ISL_1090801, EPI_ISL_1090802, EPI_ISL_1090803, EPI_ISL_1090804, EPI_ISL_1090805, EPI_ISL_1090806, EPI_ISL_1090807, EPI_ISL_1090808, EPI_ISL_1090809, EPI_ISL_1090810, EPI_ISL_1090811, EPI_ISL_1090812, EPI_ISL_1090813, EPI_ISL_1090814, EPI_ISL_1090815, EPI_ISL_1090816, EPI_ISL_1090817, EPI_ISL_1090818, EPI_ISL_1090819, EPI_ISL_1090820, EPI_ISL_1090821, EPI_ISL_1090822, EPI_ISL_1090823, EPI_ISL_1090824, EPI_ISL_1090825, EPI_ISL_1090826, EPI_ISL_1090827, EPI_ISL_1090828, EPI_ISL_1090829, EPI_ISL_1090830, EPI_ISL_1090831, EPI_ISL_1090832, EPI_ISL_1090833, EPI_ISL_1090834, EPI_ISL_1090835, EPI_ISL_1090836, EPI_ISL_1090837, EPI_ISL_1090838	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell		
EPI_ISL_1091183, EPI_ISL_1091185, EPI_ISL_1091195, EPI_ISL_1091198, EPI_ISL_1091203, EPI_ISL_1091205, EPI_ISL_1091227	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak		
EPI_ISL_1091420, EPI_ISL_1091421, EPI_ISL_1091438, EPI_ISL_1091439, EPI_ISL_1091474, EPI_ISL_1091475, EPI_ISL_1091477, EPI_ISL_1091478	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team		
EPI_ISL_1091610, EPI_ISL_1091618	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias		
EPI_ISL_1091706, EPI_ISL_1091707	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias		
EPI_ISL_1091717, EPI_ISL_1091718, EPI_ISL_1091719	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias		
EPI_ISL_1091747, EPI_ISL_1091748, EPI_ISL_1091749, EPI_ISL_1091750, EPI_ISL_1091753, EPI_ISL_1091776	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias		
EPI_ISL_1091896	Tempus	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh		
EPI_ISL_1091986	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa		
EPI_ISL_1092382, EPI_ISL_1092393, EPI_ISL_1092398, EPI_ISL_1092400, EPI_ISL_1092415, EPI_ISL_1092424, EPI_ISL_1092425, EPI_ISL_1092426, EPI_ISL_1092427, EPI_ISL_1092428, EPI_ISL_1092429, EPI_ISL_1092430, EPI_ISL_1092431, EPI_ISL_1092432, EPI_ISL_1092433, EPI_ISL_1092434, EPI_ISL_1092435, EPI_ISL_1092436, EPI_ISL_1092437, EPI_ISL_1092438, EPI_ISL_1092439, EPI_ISL_1092440, EPI_ISL_1092441, EPI_ISL_1092442, EPI_ISL_1092443, EPI_ISL_1092444, EPI_ISL_1092445, EPI_ISL_1092446, EPI_ISL_1092447, EPI_ISL_1092448, EPI_ISL_1092449, EPI_ISL_1092450, EPI_ISL_1092451, EPI_ISL_1092452, EPI_ISL_1092453, EPI_ISL_1092454, EPI_ISL_1092455, EPI_ISL_1092456, EPI_ISL_1092457, EPI_ISL_1092458, EPI_ISL_1092459, EPI_ISL_1092460, EPI_ISL_1092461, EPI_ISL_1092462, EPI_ISL_1092463, EPI_ISL_1092464, EPI_ISL_1092465, EPI_ISL_1092466, EPI_ISL_1092467, EPI_ISL_1092468, EPI_ISL_1092469, EPI_ISL_1092470, EPI_ISL_1092471, EPI_ISL_1092472, EPI_ISL_1092473, EPI_ISL_1092474, EPI_ISL_1092475, EPI_ISL_1092476, EPI_ISL_1092477, EPI_ISL_1092478, EPI_ISL_1092479, EPI_ISL_1092480, EPI_ISL_1092481, EPI_ISL_1092482, EPI_ISL_1092483, EPI_ISL_1092484, EPI_ISL_1092485, EPI_ISL_1092486, EPI_ISL_1092487, EPI_ISL_1092488, EPI_ISL_1092489, EPI_ISL_1092490, EPI_ISL_1092491, EPI_ISL_1092492, EPI_ISL_1092493, EPI_ISL_1092494, EPI_ISL_1092495, EPI_ISL_1092496, EPI_ISL_1092497, EPI_ISL_1092498, EPI_ISL_1092499, EPI_ISL_1092500, EPI_ISL_1092501, EPI_ISL_1092502, EPI_ISL_1092503, EPI_ISL_1092504, EPI_ISL_1092505, EPI_ISL_1092506, EPI_ISL_1092507, EPI_ISL_1092508, EPI_ISL_1092509, EPI_ISL_1092510, EPI_ISL_1092511, EPI_ISL_1092512, EPI_ISL_1092513, EPI_ISL_1092514, EPI_ISL_1092515, EPI_ISL_1092516, EPI_ISL_1092517, EPI_ISL_1092518, EPI_ISL_1092519, EPI_ISL_1092520, EPI_ISL_1092521, EPI_ISL_1092522, EPI_ISL_1092523, EPI_ISL_1092524, EPI_ISL_1092525, EPI_ISL_1092526, EPI_ISL_1092527, EPI_ISL_1092528, EPI_ISL_1092529, EPI_ISL_1092530, EPI_ISL_1092531, EPI_ISL_1092532, EPI_ISL_1092533, EPI_ISL_1092534, EPI_ISL_1092535, EPI_ISL_1092536, EPI_ISL_1092537, EPI_ISL_1092538, EPI_ISL_1092539, EPI_ISL_1092540, EPI_ISL_1092541, EPI_ISL_1092542, EPI_ISL_1092543, EPI_ISL_1092544, EPI_ISL_1092545, EPI_ISL_1092546, EPI_ISL_1092547, EPI_ISL_1092548, EPI_ISL_1092549, EPI_ISL_1092550, EPI_ISL_1092551, EPI_ISL_1092552, EPI_ISL_1092553, EPI_ISL_1092554, EPI_ISL_1092555, EPI_ISL_1092556, EPI_ISL_1092557, EPI_ISL_1092558, EPI_ISL_1092559, EPI_ISL_1092560, EPI_ISL_1092561, EPI_ISL_1092562, EPI_ISL_1092563, EPI_ISL_1092564, EPI_ISL_1092565, EPI_ISL_1092566, EPI_ISL_1092567, EPI_ISL_1092568, EPI_ISL_1092569, EPI_ISL_1092570, EPI_ISL_1092571, EPI_ISL_1092572, EPI_ISL_1092573, EPI_ISL_1092574, EPI_ISL_1092575, EPI_ISL_1092576, EPI_ISL_1092577, EPI_ISL_1092578, EPI_ISL_1092579, EPI_ISL_1092580, EPI_ISL_1092581, EPI_ISL_1092582, EPI_ISL_1092583, EPI_ISL_1092584, EPI_ISL_1092585, EPI_ISL_1092586, EPI_ISL_1092587, EPI_ISL_1092588, EPI_ISL_1092589, EPI_ISL_1092590, EPI_ISL_1092591, EPI_ISL_1092592, EPI_ISL_1092593, EPI_ISL_1092594, EPI_ISL_1092595, EPI_ISL_1092596, EPI_ISL_1092597, EPI_ISL_1092598, EPI_ISL_1092599, EPI_ISL_1092600, EPI_ISL_1092601, EPI_ISL_1092602, EPI_ISL_1092603, EPI_ISL_1092604, EPI_ISL_1092605, EPI_ISL_1092606, EPI_ISL_1092607, EPI_ISL_1092608, EPI_ISL_1092609, EPI_ISL_1092610, EPI_ISL_1092611, EPI_ISL_1092612, EPI_ISL_1092613, EPI_ISL_1092614, EPI_ISL_1092615, EPI_ISL_1092616, EPI_ISL_1092617, EPI_ISL_1092618, EPI_ISL_1092619, EPI_ISL_1092620, EPI_ISL_1092621, EPI_ISL_1092622, EPI_ISL_1PI					

EPI_ISL_1094356, EPI_ISL_1094372	WI State Laboratory of Hygiene	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094387	NM Dept. Health, Scientific Laboratory Division	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094388	IA State Hygienic Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094392, EPI_ISL_1094394, EPI_ISL_1094402	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094416, EPI_ISL_1094418, EPI_ISL_1094419, EPI_ISL_1094420, EPI_ISL_1094421, EPI_ISL_1094423	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094459, EPI_ISL_1094461, EPI_ISL_1094463	WI State Laboratory of Hygiene	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094542	SD Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094548, EPI_ISL_1094549, EPI_ISL_1094550, EPI_ISL_1094551, EPI_ISL_1094555	SC Dept of Health and Env. Control-Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094661, EPI_ISL_1094662, EPI_ISL_1094663, EPI_ISL_1094664, EPI_ISL_1094665	NM Dept. Health, Scientific Laboratory Division	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095087, EPI_ISL_1095096	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095205, EPI_ISL_1095206, EPI_ISL_1095207	WI State Laboratory of Hygiene	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095307, EPI_ISL_1095308, EPI_ISL_1095309, EPI_ISL_1095310, EPI_ISL_1095311, EPI_ISL_1095312, EPI_ISL_1095313, EPI_ISL_1095314, EPI_ISL_1095315, EPI_ISL_1095316	SC Dept of Health and Env. Control-Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1096217, EPI_ISL_1096226, EPI_ISL_1096227	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1097515	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1097727, EPI_ISL_1097728, EPI_ISL_1097729	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1103796, EPI_ISL_1103798	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
EPI_ISL_1104324, EPI_ISL_1104325, EPI_ISL_1104332, EPI_ISL_1104444, EPI_ISL_1104450	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_1104936, EPI_ISL_1104942, EPI_ISL_1104964, EPI_ISL_1105015, EPI_ISL_1105030, EPI_ISL_1105038, EPI_ISL_1105041, EPI_ISL_1105113, EPI_ISL_1105125, EPI_ISL_1105139, EPI_ISL_1105142, EPI_ISL_1105146, EPI_ISL_1105155, EPI_ISL_1105162, EPI_ISL_1105180	see above	University College London Hospital	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_1105468	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, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutili, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1105873, EPI_ISL_1105894, EPI_ISL_1105897, EPI_ISL_1105901, EPI_ISL_1105903	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joeseeph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1107639	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_1108387	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1109492, EPI_ISL_1109500	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109519	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109527, EPI_ISL_1109540	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109558	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109563	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109565, EPI_ISL_1109566	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109571	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109633	INNO Diagnostics Reference Laboratory	RCMI-Center for Research Resources, Ponce Research Institute	Vanessa Rivera-Amill, Andrea Arias-García, Raphael Sánchez-Torres
EPI_ISL_1110063, EPI_ISL_1110090	UW Virology Lab	UW Virology Lab	Pavitra Rouchoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1110156, EPI_ISL_1110157	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1111011, EPI_ISL_1111012	Hopital	National Reference Center for Viruses of Respiratory	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der

		Infections, Institut Pasteur, Paris	Werf,Pilorge LÉA Virginia DCLS
EPI_ISL_1111550	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	
EPI_ISL_1112221, EPI_ISL_1112222	Ospedale Santissima Annunziata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Giannico A., Ridolfi D.
EPI_ISL_1113193	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1116893, EPI_ISL_1116896	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1117751	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117847	Institut für Pathologie, Salzkammergut Klinikum Vöcklabruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118031	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118134	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Løvestad
EPI_ISL_1118350	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118351, EPI_ISL_1118352	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118353	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118354, EPI_ISL_1118355	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118432	Foerde Hospital, Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118445	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118586	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118587	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118588, EPI_ISL_1118589	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118590	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118591	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118592	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118593	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118594	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118595	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1121089, EPI_ISL_1121090, EPI_ISL_1121091, EPI_ISL_1121092, EPI_ISL_1121093, EPI_ISL_1121094, EPI_ISL_1121095	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1121489, EPI_ISL_1121491, EPI_ISL_1121492, EPI_ISL_1121493, EPI_ISL_1121494, EPI_ISL_1121495, EPI_ISL_1121496, EPI_ISL_1121497, EPI_ISL_1121498, EPI_ISL_1121500, EPI_ISL_1121501, EPI_ISL_1121502, EPI_ISL_1121509, EPI_ISL_1121510, EPI_ISL_1121513			
see above	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Dommam, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1121784, EPI_ISL_1121804, EPI_ISL_1121805	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRoque,P., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1121861	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1122001, EPI_ISL_1122006	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1122430, EPI_ISL_1122438, EPI_ISL_1122445	Cebu TB Reference Laboratory	Philippine Genome Center	Francis A. Tablizo, Kenneth M. Kim, Carlo M. Lapid, Marc Jerrone R. Castro, Maria Sofia L. Yangzon, Benedict A. Maralit, Marc Edsel C. Ayes, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, Maria Rosario Singh-Vergeire and Cynthia P. Saloma
EPI_ISL_1122457	Hi-Precision Diagnostics	Philippine Genome Center	Francis A. Tablizo, Kenneth M. Kim, Carlo M. Lapid, Marc Jerrone R. Castro, Maria Sofia L. Yangzon, Benedict A. Maralit, Marc Edsel C. Ayes, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, Maria Rosario Singh-Vergeire and Cynthia P. Saloma
EPI_ISL_1124696, EPI_ISL_1125055, EPI_ISL_1125385, EPI_ISL_1125724, EPI_ISL_1125875, EPI_ISL_1126773, EPI_ISL_1126821	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium

EPI_ISL_1128121	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1128786	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1129349, EPI_ISL_1129448, EPI_ISL_1129614, EPI_ISL_1129769, EPI_ISL_1129771, EPI_ISL_1129777, EPI_ISL_1129784, EPI_ISL_1129806	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129854, EPI_ISL_1129883	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129888, EPI_ISL_1129968	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129983	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129991, EPI_ISL_1130047, EPI_ISL_1130048, EPI_ISL_1130051, EPI_ISL_1130062, EPI_ISL_1130125	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130147	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130161, EPI_ISL_1130169, EPI_ISL_1130183, EPI_ISL_1130260, EPI_ISL_1130281, EPI_ISL_1130318, EPI_ISL_1130338, EPI_ISL_1130374, EPI_ISL_1130403, EPI_ISL_1130463	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130550	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130624, EPI_ISL_1130643, EPI_ISL_1130645, EPI_ISL_1130650, EPI_ISL_1130670	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130684, EPI_ISL_1130697, EPI_ISL_1130705, EPI_ISL_1130718, EPI_ISL_1130747	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130886, EPI_ISL_1130966, EPI_ISL_1130985, EPI_ISL_1131037, EPI_ISL_1131073, EPI_ISL_1131083	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1132301	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1132736, EPI_ISL_1132737, EPI_ISL_1132767, EPI_ISL_1132768, EPI_ISL_1132769, EPI_ISL_1132770, EPI_ISL_1132771, EPI_ISL_1132772, EPI_ISL_1132773, EPI_ISL_1132774, EPI_ISL_1132775, EPI_ISL_1132811			
see above	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1135028	C.H.R.U. MONTPIED	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1136365, EPI_ISL_1136366, EPI_ISL_1136367, EPI_ISL_1136368, EPI_ISL_1136369, EPI_ISL_1136370, EPI_ISL_1136371, EPI_ISL_1136498, EPI_ISL_1136499, EPI_ISL_1136500, EPI_ISL_1136501, EPI_ISL_1136502, EPI_ISL_1136503, EPI_ISL_1136504			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137182, EPI_ISL_1137183, EPI_ISL_1137184, EPI_ISL_1137185	UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Lee H. Harrison, Jane W. Marsh, Marissa P. Griffith, Stephanie L. Mitchell, Vatsala R. Srinivasa, Kady D. Waggle, Daniel J. Snyder, Vaughn S. Cooper
EPI_ISL_1137613	Academic Center for Pathomorphological and Genetic-Molecular Diagnostics Ltd, Bialystok, Poland	Academic Center for Pathomorphological and Genetic-Molecular Diagnostics Ltd, Bialystok, Poland	Radoslaw Charkiewicz, Przemyslaw Biecek, Jacek Nikliski, Joanna Resze
EPI_ISL_1138743, EPI_ISL_1138744, EPI_ISL_1138746	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138748	General Hospital - Shtip	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138885	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1142648	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown
EPI_ISL_1143047	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143049	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143050	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143087	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143093	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143094	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1143099	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143150, EPI_ISL_1143160	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143173	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1143177	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown

EPI_ISL_1143179	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1143183	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143202	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143210, EPI_ISL_1143215, EPI_ISL_1143238, EPI_ISL_1143250	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143259	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143264	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143285, EPI_ISL_1143286, EPI_ISL_1143301, EPI_ISL_1143305	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143390, EPI_ISL_1143391, EPI_ISL_1143392, EPI_ISL_1143393, EPI_ISL_1143394, EPI_ISL_1143395, EPI_ISL_1143396, EPI_ISL_1143397, EPI_ISL_1143398, EPI_ISL_1143399, EPI_ISL_1143400, EPI_ISL_1143402, EPI_ISL_1143403, EPI_ISL_1143404, EPI_ISL_1143405, EPI_ISL_1143406, EPI_ISL_1143407, EPI_ISL_1143408, EPI_ISL_1143410, EPI_ISL_1143411, EPI_ISL_1143412, EPI_ISL_1143413, EPI_ISL_1143414, EPI_ISL_1143415, EPI_ISL_1143416			
see above	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1143940, EPI_ISL_1143943	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1144020, EPI_ISL_1144021	Helios Universitätsklinikum Wuppertal: Universität Witten/Herdecke: Institut für Medizinische Labordiagnostik	Robert Koch Institute	unknown
EPI_ISL_1144023, EPI_ISL_1144024, EPI_ISL_1144026, EPI_ISL_1144027, EPI_ISL_1144029, EPI_ISL_1144030, EPI_ISL_1144031, EPI_ISL_1144032, EPI_ISL_1144033, EPI_ISL_1144034, EPI_ISL_1144035, EPI_ISL_1144036, EPI_ISL_1144039, EPI_ISL_1144040, EPI_ISL_1144045			
see above	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1144251	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1144363	Institut für Immunologie und Genetik Kaiserslautern: Medizinisches Labor Dr. med. B. Thiele	Robert Koch Institute	unknown
EPI_ISL_1144366, EPI_ISL_1144367, EPI_ISL_1144369	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1144993, EPI_ISL_1144995, EPI_ISL_1144997	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145001, EPI_ISL_1145003	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145007, EPI_ISL_1145009	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145010	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145012	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145017	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145029, EPI_ISL_1145042	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145043	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145045, EPI_ISL_1145046, EPI_ISL_1145049, EPI_ISL_1145051, EPI_ISL_1145053	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145055	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145060	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145064	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145066	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145068	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145069, EPI_ISL_1145071, EPI_ISL_1145073, EPI_ISL_1145075, EPI_ISL_1145076, EPI_ISL_1145080, EPI_ISL_1145082, EPI_ISL_1145084	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145093	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145094, EPI_ISL_1145099, EPI_ISL_1145100, EPI_ISL_1145101, EPI_ISL_1145104	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145107	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145110, EPI_ISL_1145116	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145117	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145118	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145124, EPI_ISL_1145126, EPI_ISL_1145127, EPI_ISL_1145131, EPI_ISL_1145134, EPI_ISL_1145140, EPI_ISL_1145142, EPI_ISL_1145143, EPI_ISL_1145146, EPI_ISL_1145149	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145150	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145153	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145165	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145166	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1145167, EPI_ISL_1145169, EPI_ISL_1145179, EPI_ISL_1145185	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145197	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145199	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown

EPI_ISL_1145200, EPI_ISL_1145202	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145213, EPI_ISL_1145215, EPI_ISL_1145216	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzIm RUHR GmbH	Robert Koch Institute	unknown
EPI_ISL_1145225, EPI_ISL_1145226, EPI_ISL_1145227, EPI_ISL_1145269	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1145338, EPI_ISL_1145341, EPI_ISL_1145352, EPI_ISL_1145357, EPI_ISL_1145364, EPI_ISL_1145366, EPI_ISL_1145367, EPI_ISL_1145380, EPI_ISL_1145381, EPI_ISL_1145383, EPI_ISL_1145389, EPI_ISL_1145395, EPI_ISL_1145413, EPI_ISL_1145421, EPI_ISL_1145450			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145511, EPI_ISL_1145515, EPI_ISL_1145519, EPI_ISL_1145520	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown
EPI_ISL_1145912, EPI_ISL_1145914	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145916	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145918, EPI_ISL_1145919	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145924	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1145925	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145944, EPI_ISL_1145946	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1145963	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1145968	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145979	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1145981	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1145982, EPI_ISL_1145986	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145998	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146016	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146026, EPI_ISL_1146037, EPI_ISL_1146048, EPI_ISL_1146058	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146060	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146061	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146072, EPI_ISL_1146080	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146082	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1146085, EPI_ISL_1146089	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146101	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146109	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146112	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146118	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146149	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146151	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1146156, EPI_ISL_1146157	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146163	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146164	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146166	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1146167	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1146242, EPI_ISL_1146243, EPI_ISL_1146244, EPI_ISL_1146245, EPI_ISL_1146246, EPI_ISL_1146247, EPI_ISL_1146248, EPI_ISL_1146249, EPI_ISL_1146250, EPI_ISL_1146251, EPI_ISL_1146252			
see above	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1147152, EPI_ISL_1147153, EPI_ISL_1147156, EPI_ISL_1147160, EPI_ISL_1147162, EPI_ISL_1147164	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1147417, EPI_ISL_1147418, EPI_ISL_1147420	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147423	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147430	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147457, EPI_ISL_1147467	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147476	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147478, EPI_ISL_1147480, EPI_ISL_1147486, EPI_ISL_1147487	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147489	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147492	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147500, EPI_ISL_1147502, EPI_ISL_1147509, EPI_ISL_1147512, EPI_ISL_1147523, EPI_ISL_1147525, EPI_ISL_1147526	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147587, EPI_ISL_1147594	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1147660	Uniklinikum Jena	Robert Koch Institute	unknown

EPI_ISL_1147692	amedes MVZ für Laboratoriumsmedizin Fürstenfeldbruck	Robert Koch Institute	unknown
EPI_ISL_1147695, EPI_ISL_1147696, EPI_ISL_1147702, EPI_ISL_1147703, EPI_ISL_1147706	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1148063	MVZ für Laboratoriumsmedizin und Mikrobiologie Würzburg	Robert Koch Institute	unknown
EPI_ISL_1148075, EPI_ISL_1148130	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1148170, EPI_ISL_1148205	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148217	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1148254	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148381	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148394	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148420	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148433	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1150096	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150706	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151406	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1151854	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1151904, EPI_ISL_1151940	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151975	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1152538	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152547	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1152553	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152556	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152557	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152562, EPI_ISL_1152564, EPI_ISL_1152565	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1152574	MVZ Labor Dortmund	Robert Koch Institute	unknown
EPI_ISL_1152579	Limbach - MVZ Labor Münster (Cullen)	Robert Koch Institute	unknown
EPI_ISL_1152594	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1152597, EPI_ISL_1152601	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1152605	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1152779	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1153364	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153416	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1153953	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1154789	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154797	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154800	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154804	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154816	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154821	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154830, EPI_ISL_1154834, EPI_ISL_1154835	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154844, EPI_ISL_1154847	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154850	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154855	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154871	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154885	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154907	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154912, EPI_ISL_1154917	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154924	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154927	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154931, EPI_ISL_1154935, EPI_ISL_1154955, EPI_ISL_1154960	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154963	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154975	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154977	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154981	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154999	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown

EPI_ISL_1155013	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1155017	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155033, EPI_ISL_1155037	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1155051	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155062, EPI_ISL_1155063	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1155064	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155069	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155091, EPI_ISL_1155093	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1155101	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155105	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155153, EPI_ISL_1155179, EPI_ISL_1155184	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155188	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1155200	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1155524, EPI_ISL_1155536	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155566	Institut für med. Mikrobiologie u. Virologie Klinikum Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1155709, EPI_ISL_1155711, EPI_ISL_1155713	AX BIO OCEAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1157281, EPI_ISL_1157298, EPI_ISL_1157316, EPI_ISL_1157323, EPI_ISL_1157355	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1158368, EPI_ISL_1158433	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1159140, EPI_ISL_1159141, EPI_ISL_1159142, EPI_ISL_1159143	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.ROMAN SOTO, SERGIO
EPI_ISL_1159158	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonís,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. BLAZQUEZ ABELLAN, ANA
EPI_ISL_1159168, EPI_ISL_1159170, EPI_ISL_1159172	HOSPITAL SAN PEDRO DE ALCANTARA - C.D. 05	Instituto de Salud Carlos III	Sandonís,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. RODRIGUEZ RODRIGUEZ, GUADALUPE
EPI_ISL_1159192, EPI_ISL_1159193	HOSPITAL LOS ARCOS	Instituto de Salud Carlos III	Sandonís,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. CAMARA SIMON, MARGARITA
EPI_ISL_1159196	COMPLEJO HOSPITALARIO DE NAVARRA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. NAVASCUES ORTEGA, ANA
EPI_ISL_1159215	HOSPITAL UNIVERSITARIO DE GUADALAJARA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. GONZALEZ PRAETORIUS, ALEJANDRO
EPI_ISL_1159884	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1160202	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Matte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1163777, EPI_ISL_1163778	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameroon Grant, Evelyn Hoffman, Patricio Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1163824, EPI_ISL_1163825	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Mencacci A., Camilloni B., Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1164558, EPI_ISL_1164559, EPI_ISL_1164564, EPI_ISL_1164565, EPI_ISL_1164566, EPI_ISL_1164572, EPI_ISL_1164574, EPI_ISL_1164581, EPI_ISL_1164587, EPI_ISL_1164594	Charite Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charite Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_1164793	Idaho Bureau of Laboratories	IBL	"R. Beukelman, Matthew C. Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"
EPI_ISL_1165212, EPI_ISL_1165214, EPI_ISL_1165216, EPI_ISL_1165227, EPI_ISL_1165536, EPI_ISL_1165661	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1165846	Centre Hospitalier de l'Ardenne	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1167251, EPI_ISL_1167252, EPI_ISL_1167253, EPI_ISL_1167254	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1167297	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1167770, EPI_ISL_1167773, EPI_ISL_1167774	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1168047	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1168137	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1168294	Academic Center for Pathomorphological and Genetic-Molecular Diagnostics ltd, Bialystok, Poland	Academic Center for Pathomorphological and Genetic-Molecular Diagnostics ltd, Bialystok, Poland	Radoslaw Charkiewicz, Przemysaw Biecek, Jacek Nikliski, Joanna Resze
EPI_ISL_1168705, EPI_ISL_1168706, EPI_ISL_1168707, EPI_ISL_1168708, EPI_ISL_1168709, EPI_ISL_1168710, EPI_ISL_1168711, EPI_ISL_1168712, EPI_ISL_1168713, EPI_ISL_1168714, EPI_ISL_1168715, EPI_ISL_1168716, EPI_ISL_1168717, EPI_ISL_1168718, EPI_ISL_1168719, EPI_ISL_1168720, EPI_ISL_1168721, EPI_ISL_1168723, EPI_ISL_1168724, EPI_ISL_1168725, EPI_ISL_1168727	see above	Houston Health Dept.	Rykter Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1169490	OR State PHL-Virology/Immunology Section	Genomics and Discovery, Respiratory Viruses Branch,	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine



		Division of Viral Diseases, Centers for Disease Control and Prevention	Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169501	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169717, EPI_ISL_1169718 EPI_ISL_1171516	Colorado Department of Public Health and Environment Cliniques Cud-Luxembourg	Colorado Department of Public Health and Environment GIGA Medical Genomics	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1171642	IAL Regional de Marília	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1171651, EPI_ISL_1171652	IAL Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1173874, EPI_ISL_1173891, EPI_ISL_1173897, EPI_ISL_1173901 EPI_ISL_1178515	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli Quadram Institute Bioscience	TIGEM COVID-19 Genomics UK (COG-UK) Consortium	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Michele Cennamo Valentina Bouche Chiara Colantuono Lucio Di Filippo Mariano Fiorenza Anna Manfredi Marcello Salvi Giuseppe Portella Andrea Ballabio Davide Cacchiarelli Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1178773	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1180268	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	"Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodríguez-Grande, Pilar Catalán, Patricia Muñoz, Darío García de Viedma"
EPI_ISL_1181833, EPI_ISL_1181834	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1182554	Laboratório Central do Estado do Rio de Janeiro	Coordenação Geral de Laboratórios de Saúde Pública (CGLAB/DAEVS/SVS/MS)	Vagner Fonseca, et al.
EPI_ISL_1184135	Rochester Regional Hospital	Multidrug-Resistant Organism Repository and Surveillance Network (MRSN)	Emil Lesho, Brendan Corey, Francois Lebreton, Ana C. Ong, Brett E. Swierczewski, Jason W. Bennett, Edward E. Walsh, and Patrick Mc Gann
EPI_ISL_1184177 EPI_ISL_1185387	Indiana Animal Disease Diagnostic Laboratory County of San Luis Obispo Public Health Laboratory	Carpi Laboratory - Purdue University Chan-Zuckerberg Biohub	Jack Dorman, Ilinca I Ciubotariu, Lev Gorenstein, Abebe A Fola, G Kenitra Hendrix, Rebecca P Wilkes, Giovanna Carpi CZB Cliahub Consortium
EPI_ISL_1186002, EPI_ISL_1186004, EPI_ISL_1186007, EPI_ISL_1186010, EPI_ISL_1186012, EPI_ISL_1186013, EPI_ISL_1186018, EPI_ISL_1186022 EPI_ISL_1190727	San Diego County Public Health Laboratory Lighthouse Lab in Glasgow	Andersen lab at Scripps Research Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1190748	Servizo de Microbioloxía. Complexo Hospitalario de Santiago de Compostela.	Servizo de Microbioloxía. Complexo Hospitalario de Santiago de Compostela.	José Costa, Iria Roca, Amparo Coira, Gema Barbeito, Rocío Trastoy, Antonio Aguilera, María Luisa Pérez del Molino
EPI_ISL_1190964, EPI_ISL_1190983, EPI_ISL_1190987, EPI_ISL_1190998, EPI_ISL_1191006, EPI_ISL_1191011, EPI_ISL_1191025, EPI_ISL_1191035, EPI_ISL_1191044, EPI_ISL_1191050 EPI_ISL_1191682, EPI_ISL_1191722, EPI_ISL_1191723, EPI_ISL_1191724, EPI_ISL_1191725 EPI_ISL_1192247	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana HOPITAL UNIVERSITAIRE DE FORT DE FRANCE Foerde Hospital, Department of Microbiology	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana CNR Virus des Infections Respiratoires - France SUD Norwegian Institute of Public Health, Department of Virology	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1192284	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192311	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192312	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192316	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192336, EPI_ISL_1192338, EPI_ISL_1192340, EPI_ISL_1192343, EPI_ISL_1192345, EPI_ISL_1192346, EPI_ISL_1192348, EPI_ISL_1192349, EPI_ISL_1192350, EPI_ISL_1192358, EPI_ISL_1192361 see above	Clinical Molecular Microbiology Laboratory, UNC Hospitals Laboratory Corporation of America	Jeremy Wang Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouille, Marcia Eisenberg, Howard Engert, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1194384, EPI_ISL_1194385, EPI_ISL_1194391, EPI_ISL_1194392, EPI_ISL_1194395, EPI_ISL_1194398, EPI_ISL_1194399, EPI_ISL_1194400, EPI_ISL_1194401, EPI_ISL_1194412 EPI_ISL_1195421	Quest Diagnostics Incorporated Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1196774, EPI_ISL_1196792	Clinical Microbiology Laboratory, Faculty of Medicine,	Faculty of Medicine, Universitas Indonesia	Fadilah, Khaerunissa Anbar Istiadi, Rafika Indah Paramita, Linda Erlina, Fera Ibrahim, Anis Karuniawati, Pratiwi Sudarmono, Beti Ernawati dewi, Andi

	Universitas Indonesia		Yasmon, Dwiana Ocviyanti, Budi Wiweko, Ari Fahrial Syam, Badriul Hegar
EPI_ISL_1196867	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Mohd Zawawi Z, Ramly N, Robert F, Thayan R
EPI_ISL_1196878	LA Office of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1198062, EPI_ISL_1198063, EPI_ISL_1198064, EPI_ISL_1198067, EPI_ISL_1198068, EPI_ISL_1198069, EPI_ISL_1198090, EPI_ISL_1198091, EPI_ISL_1198097, EPI_ISL_1198098, EPI_ISL_1198099, EPI_ISL_1198100, EPI_ISL_1198108, EPI_ISL_1198109, EPI_ISL_1198129, EPI_ISL_1198137, EPI_ISL_1198138, EPI_ISL_1198139, EPI_ISL_1198140, EPI_ISL_1198141, EPI_ISL_1198142, EPI_ISL_1198143, EPI_ISL_1198144, EPI_ISL_1198164, EPI_ISL_1198165, EPI_ISL_1198167, EPI_ISL_1198182, EPI_ISL_1198183, EPI_ISL_1198184, EPI_ISL_1198185, EPI_ISL_1198186, EPI_ISL_1198187, EPI_ISL_1198188, EPI_ISL_1198189, EPI_ISL_1198190, EPI_ISL_1198191, EPI_ISL_1198192, EPI_ISL_1198193, EPI_ISL_1198194, EPI_ISL_1198195, EPI_ISL_1198196, EPI_ISL_1198197, EPI_ISL_1198198, EPI_ISL_1198199, EPI_ISL_1198200, EPI_ISL_1198201, EPI_ISL_1198209, EPI_ISL_1198210, EPI_ISL_1198273, EPI_ISL_1198295, EPI_ISL_1198301, EPI_ISL_1198302, EPI_ISL_1198303, EPI_ISL_1198304, EPI_ISL_1198311, EPI_ISL_1198314, EPI_ISL_1198350, EPI_ISL_1198351, EPI_ISL_1198360, EPI_ISL_1198361, EPI_ISL_1198364, EPI_ISL_1198564, EPI_ISL_1198565, EPI_ISL_1198566, EPI_ISL_1198567, EPI_ISL_1198568, EPI_ISL_1198569, EPI_ISL_1198570, EPI_ISL_1198571, EPI_ISL_1198572, EPI_ISL_1198573, EPI_ISL_1198574, EPI_ISL_1198575, EPI_ISL_1198576, EPI_ISL_1198577, EPI_ISL_1198578, EPI_ISL_1198579, EPI_ISL_1198580, EPI_ISL_1198581, EPI_ISL_1198582, EPI_ISL_1198583, EPI_ISL_1198584, EPI_ISL_1198585, EPI_ISL_1198586, EPI_ISL_1198587, EPI_ISL_1198588, EPI_ISL_1198589, EPI_ISL_1198590, EPI_ISL_1198591, EPI_ISL_1198592, EPI_ISL_1198593, EPI_ISL_1198594, EPI_ISL_1198595, EPI_ISL_1198596, EPI_ISL_1198597, EPI_ISL_1198598, EPI_ISL_1198599, EPI_ISL_1198600, EPI_ISL_1198601, EPI_ISL_1198602, EPI_ISL_1198603, EPI_ISL_1198604, EPI_ISL_1198605, EPI_ISL_1198606, EPI_ISL_1198607, EPI_ISL_1198608, EPI_ISL_1198609, EPI_ISL_1198610, EPI_ISL_1198611, EPI_ISL_1198612, EPI_ISL_1198613, EPI_ISL_1198614, EPI_ISL_1198615, EPI_ISL_1198616, EPI_ISL_1198617, EPI_ISL_1198618, EPI_ISL_1198619, EPI_ISL_1198620, EPI_ISL_1198621, EPI_ISL_1198622, EPI_ISL_1198623, EPI_ISL_1198624, EPI_ISL_1198625, EPI_ISL_1198626, EPI_ISL_1198627, EPI_ISL_1198628, EPI_ISL_1198629, EPI_ISL_1198630, EPI_ISL_1198631, EPI_ISL_1198632, EPI_ISL_1198633, EPI_ISL_1198634, EPI_ISL_1198663, EPI_ISL_1198664, EPI_ISL_1198666, EPI_ISL_1198667, EPI_ISL_1198668, EPI_ISL_1198670, EPI_ISL_1198671, EPI_ISL_1198672, EPI_ISL_1198673, EPI_ISL_1198674, EPI_ISL_1198675, EPI_ISL_1198676, EPI_ISL_1198677, EPI_ISL_1198678, EPI_ISL_1198679, EPI_ISL_1198680, EPI_ISL_1198681, EPI_ISL_1198682, EPI_ISL_1198683, EPI_ISL_1198684, EPI_ISL_1198685, EPI_ISL_1198686, EPI_ISL_1198687, EPI_ISL_1198688, EPI_ISL_1198689, EPI_ISL_1198690, EPI_ISL_1198691, EPI_ISL_1198692, EPI_ISL_1198693, EPI_ISL_1198694, EPI_ISL_1198695, EPI_ISL_1198696, EPI_ISL_1198697, EPI_ISL_1198698, EPI_ISL_1198699, EPI_ISL_1198700, EPI_ISL_1198701, EPI_ISL_1198702, EPI_ISL_1198703, EPI_ISL_1198704, EPI_ISL_1198705, EPI_ISL_1198706, EPI_ISL_1198707, EPI_ISL_1198708, EPI_ISL_1198709, EPI_ISL_1198710, EPI_ISL_1198711, EPI_ISL_1198712, EPI_ISL_1198713, EPI_ISL_1198714, EPI_ISL_1198715			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1198918	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; L.C. Laboratori Campisi s.r.l., Siracusa, Sicily, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Campisi Corrado, Iemmolo Rosario, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1199744, EPI_ISL_1199759, EPI_ISL_1199760, EPI_ISL_1199761, EPI_ISL_1199776, EPI_ISL_1199777, EPI_ISL_1199778, EPI_ISL_1199779, EPI_ISL_1199780, EPI_ISL_1199781, EPI_ISL_1199782, EPI_ISL_1199783, EPI_ISL_1199784, EPI_ISL_1199786, EPI_ISL_1199787, EPI_ISL_1199789, EPI_ISL_1199790, EPI_ISL_1199792, EPI_ISL_1199806, EPI_ISL_1199807, EPI_ISL_1199810, EPI_ISL_1199821, EPI_ISL_1199822, EPI_ISL_1199823, EPI_ISL_1199824, EPI_ISL_1199825, EPI_ISL_1199826, EPI_ISL_1199827, EPI_ISL_1199828, EPI_ISL_1199829, EPI_ISL_1199830, EPI_ISL_1199831, EPI_ISL_1199832, EPI_ISL_1199833, EPI_ISL_1199834, EPI_ISL_1199835, EPI_ISL_1199836, EPI_ISL_1199837, EPI_ISL_1199838, EPI_ISL_1199839, EPI_ISL_1199840, EPI_ISL_1199841, EPI_ISL_1199842, EPI_ISL_1199843, EPI_ISL_1199844, EPI_ISL_1199845, EPI_ISL_1199846, EPI_ISL_1199847, EPI_ISL_1199848, EPI_ISL_1199849, EPI_ISL_1199850, EPI_ISL_1199851, EPI_ISL_1199852, EPI_ISL_1199853, EPI_ISL_1199854, EPI_ISL_1199855, EPI_ISL_1199856, EPI_ISL_1199857, EPI_ISL_1199858, EPI_ISL_1199859, EPI_ISL_1199860, EPI_ISL_1199861, EPI_ISL_1199862, EPI_ISL_1199863, EPI_ISL_1199864, EPI_ISL_1199865, EPI_ISL_1199866, EPI_ISL_1199867, EPI_ISL_1199868, EPI_ISL_1199869, EPI_ISL_1199870, EPI_ISL_1199871, EPI_ISL_1199872, EPI_ISL_1199873, EPI_ISL_1199874, EPI_ISL_1199875, EPI_ISL_1199876, EPI_ISL_1199877, EPI_ISL_1199878, EPI_ISL_1199879, EPI_ISL_1199880, EPI_ISL_1199881, EPI_ISL_1199882, EPI_ISL_1199883, EPI_ISL_1199884, EPI_ISL_1199885, EPI_ISL_1199886, EPI_ISL_1199887, EPI_ISL_1199888, EPI_ISL_1199889, EPI_ISL_1199890, EPI_ISL_1199891, EPI_ISL_1199892, EPI_ISL_1199893, EPI_ISL_1199894, EPI_ISL_1199895, EPI_ISL_1199896, EPI_ISL_1199897, EPI_ISL_1199898, EPI_ISL_1199899, EPI_ISL_1199900, EPI_ISL_1199901, EPI_ISL_1199902, EPI_ISL_1199903, EPI_ISL_1199904, EPI_ISL_1199905, EPI_ISL_1199906, EPI_ISL_1199907, EPI_ISL_1199908, EPI_ISL_1199909, EPI_ISL_1199910, EPI_ISL_1199911, EPI_ISL_1199912, EPI_ISL_1199913, EPI_ISL_1199914, EPI_ISL_1199915, EPI_ISL_1199916, EPI_ISL_1199917, EPI_ISL_1199918, EPI_ISL_1199919, EPI_ISL_1199920, EPI_ISL_1199921, EPI_ISL_1199922, EPI_ISL_1199923, EPI_ISL_1199924, EPI_ISL_1199925, EPI_ISL_1199926, EPI_ISL_1199927, EPI_ISL_1199928, EPI_ISL_1199929, EPI_ISL_1199930, EPI_ISL_1199931, EPI_ISL_1199932, EPI_ISL_1199933, EPI_ISL_1199934, EPI_ISL_1199935, EPI_ISL_1199936, EPI_ISL_1199937, EPI_ISL_1199938, EPI_ISL_1199939, EPI_ISL_1199940, EPI_ISL_1199941, EPI_ISL_1199942, EPI_ISL_1199943, EPI_ISL_1199944, EPI_ISL_1199945, EPI_ISL_1199946, EPI_ISL_1199947, EPI_ISL_1199948, EPI_ISL_1199949, EPI_ISL_1199950, EPI_ISL_1199951, EPI_ISL_1199952, EPI_ISL_1199953, EPI_ISL_1199954, EPI_ISL_1199955, EPI_ISL_1199956, EPI_ISL_1199957, EPI_ISL_1199958, EPI_ISL_1199959, EPI_ISL_1199960, EPI_ISL_1199961, EPI_ISL_1199962, EPI_ISL_1199963, EPI_ISL_1199964, EPI_ISL_1199965, EPI_ISL_1199966, EPI_ISL_1199967, EPI_ISL_1199968, EPI_ISL_1199969, EPI_ISL_1199970, EPI_ISL_1199971, EPI_ISL_1199972, EPI_ISL_1199973, EPI_ISL_1199974, EPI_ISL_1199975, EPI_ISL_1199976, EPI_ISL_1199977, EPI_ISL_1199978, EPI_ISL_1199979, EPI_ISL_1199980, EPI_ISL_1199981, EPI_ISL_1199982, EPI_ISL_1199983, EPI_ISL_1199984, EPI_ISL_1199985, EPI_ISL_1199986, EPI_ISL_1199987, EPI_ISL_1199988, EPI_ISL_1199989, EPI_ISL_1199990, EPI_ISL_1199991, EPI_ISL_1199992, EPI_ISL_1199993, EPI_ISL_1199994, EPI_ISL_1199995, EPI_ISL_1199996, EPI_ISL_1199997, EPI_ISL_1199998, EPI_ISL_1199999, EPI_ISL_1200000, EPI_ISL_1200001, EPI_ISL_1200002, EPI_ISL_1200003, EPI_ISL_1200004, EPI_ISL_1200005, EPI_ISL_1200006, EPI_ISL_1200007, EPI_ISL_1200008, EPI_ISL_1200009, EPI_ISL_1200010, EPI_ISL_1200011, EPI_ISL_1200012, EPI_ISL_1200013, EPI_ISL_1200014, EPI_ISL_1200015, EPI_ISL_1200016, EPI_ISL_1200017, EPI_ISL_1200018, EPI_ISL_1200019, EPI_ISL_1200020, EPI_ISL_1200021, EPI_ISL_1200022, EPI_ISL_1200023, EPI_ISL_1200024, EPI_ISL_1200025, EPI_ISL_1200026, EPI_ISL_1200027, EPI_ISL_1200028, EPI_ISL_1200029, EPI_ISL_1200030, EPI_ISL_1200031, EPI_ISL_1200032, EPI_ISL_1200033, EPI_ISL_1200034, EPI_ISL_1200035, EPI_ISL_1200036, EPI_ISL_1200037, EPI_ISL_1200038, EPI_ISL_1200039, EPI_ISL_1200040, EPI_ISL_1200041, EPI_ISL_1200042, EPI_ISL_1200043, EPI_ISL_1200044, EPI_ISL_1200045, EPI_ISL_1200046, EPI_ISL_1200047, EPI_ISL_1200048, EPI_ISL_1200049, EPI_ISL_1200050, EPI_ISL_1200051, EPI_ISL_1200052, EPI_ISL_1200053, EPI_ISL_1200054, EPI_ISL_1200055, EPI_ISL_1200056, EPI_ISL_1200057, EPI_ISL_1200058, EPI_ISL_1200059, EPI_ISL_1200060, EPI_ISL_1200061, EPI_ISL_1200062, EPI_ISL_1200063, EPI_ISL_1200064, EPI_ISL_1200065, EPI_ISL_1200066, EPI_ISL_1200067, EPI_ISL_1200068, EPI_ISL_1200069, EPI_ISL_1200070, EPI_ISL_1200071, EPI_ISL_1200072, EPI_ISL_1200073, EPI_ISL_1200074, EPI_ISL_1200075, EPI_ISL_1200076, EPI_ISL_1200077, EPI_ISL_1200078, EPI_ISL_1200079, EPI_ISL_1200080, EPI_ISL_1200081, EPI_ISL_1200082, EPI_ISL_1200083, EPI_ISL_1200084			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1201439	AREA DE SALUD PAVAS (COOPESALUD)	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melary Calderón & Melissa Carazo-Gutiérrez
EPI_ISL_1201513	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeeene, Sylvie van der Werf,Combe Patrice
EPI_ISL_1201749	OM WSSE Wroclaw	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1205409, EPI_ISL_1205410, EPI_ISL_1205413, EPI_ISL_1205415, EPI_ISL_1205431, EPI_ISL_1205438	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1208576, EPI_ISL_1208578, EPI_ISL_1208585, EPI_ISL_1208592, EPI_ISL_1208598, EPI_ISL_1208601, EPI_ISL_1208605, EPI_ISL_1208616, EPI_ISL_1208626, EPI_ISL_1208634, EPI_ISL_1208635, EPI_ISL_1208639, EPI_ISL_1208641, EPI_ISL_1208642, EPI_ISL_1208648, EPI_ISL_1208653, EPI_ISL_1208654, EPI_ISL_1208657, EPI_ISL_1208658, EPI_ISL_1208662, EPI_ISL_1208664			
see above	Microbiology Department, Laboratori Clinic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina,Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, Jose Francisco Sánchez, Lauro Sumoy, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1209053, EPI_ISL_1209073, EPI_ISL_1209193	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Mei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1209378, EPI_ISL_1209379	LAM DIAGNOVIE RONCHIN	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1209588, EPI_ISL_1209611, EPI_ISL_1209760, EPI_ISL_1209761, EPI_ISL_1209762, EPI_ISL_1209763, EPI_ISL_1209764, EPI_ISL_1209765, EPI_ISL_1209766, EPI_ISL_1209767, EPI_ISL_1209768, EPI_ISL_1209769, EPI_ISL_1209770, EPI_ISL_1209771, EPI_ISL_1209939, EPI_ISL_1209940, EPI_ISL_1209941, EPI_ISL_1209942, EPI_ISL_1210323, EPI_ISL_1210324, EPI_ISL_1210325, EPI_ISL_1210326, EPI_ISL_1210327, EPI_ISL_1210328			
see above	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshoul, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1211903, EPI_ISL_1211905, EPI_ISL_1211914, EPI_ISL_1211916, EPI_ISL_1211921, EPI_ISL_1211925, EPI_ISL_1211926, EPI_ISL_1211927	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1212514	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1212659, EPI_ISL_1212661, EPI_ISL_1212664, EPI_ISL_1212666, EPI_ISL_1212668, EPI_ISL_1212670	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Mencacci A., Camilloni B., Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1213173, EPI_ISL_1213175, EPI_ISL_1213177, EPI_ISL_1213178	IMT-UFRN/RN	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca, Luiz G P de Almeida, Ronaldo da Silva Francisco Jr, Lucymara Fassarella Agnez Lima, Kátia Castanho Sortecceci, Vinicius Pietta Perez, Otavio J. Brustolini, Eduardo Sérgio Soares Sousa, Danielle Angst Secco, Angela Maria Guimarães Santos, George Rego Albuquerque, Ana Paula

EPI_ISL_1213180, EPI_ISL_1213182			Melo Mariano, Bianca Mendes Maciel, Alexandra L Gerber, Ana Paula de C Guimarães, Paulo Ricardo Nascimento, Francisco Paulo Freire Neto, Sandra Rocha Gadelha, Luís Cristóvão Porto, Eloiza Helena Campana, Selma Maria Bezerra Jeronimo, Ana Tereza R Vasconcelos
EPI_ISL_1213274	LAFEM/UESC	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca, Luiz G P de Almeida, Ronaldo da Silva Francisco Jr, Lucymara Fassarella Agnez Lima, Kátia Castanho Scoretcci, Vinicius Pietta Perez, Otavio J. Brustolini, Eduardo Sérgio Soares Sousa, Danielle Angst Secco, Angela Maria Guimarães Santos, George Rego Albuquerque, Ana Paula Melo Mariano, Bianca Mendes Maciel, Alexandra L Gerber, Ana Paula de C Guimarães, Paulo Ricardo Nascimento, Francisco Paulo Freire Neto, Sandra Rocha Gadelha, Luís Cristóvão Porto, Eloiza Helena Campana, Selma Maria Bezerra Jeronimo, Ana Tereza R Vasconcelos
EPI_ISL_1213275, EPI_ISL_1213277, EPI_ISL_1213279, EPI_ISL_1213281, EPI_ISL_1213282, EPI_ISL_1213284, EPI_ISL_1213286, EPI_ISL_1213288, EPI_ISL_1213289, EPI_ISL_1213291, EPI_ISL_1213293			
see above	IMT-UFRN/RN	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca, Luiz G P de Almeida, Ronaldo da Silva Francisco Jr, Lucymara Fassarella Agnez Lima, Kátia Castanho Scoretcci, Vinicius Pietta Perez, Otavio J. Brustolini, Eduardo Sérgio Soares Sousa, Danielle Angst Secco, Angela Maria Guimarães Santos, George Rego Albuquerque, Ana Paula Melo Mariano, Bianca Mendes Maciel, Alexandra L Gerber, Ana Paula de C Guimarães, Paulo Ricardo Nascimento, Francisco Paulo Freire Neto, Sandra Rocha Gadelha, Luís Cristóvão Porto, Eloiza Helena Campana, Selma Maria Bezerra Jeronimo, Ana Tereza R Vasconcelos
EPI_ISL_1218027, EPI_ISL_1218079, EPI_ISL_1218088	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218112, EPI_ISL_1218114, EPI_ISL_1218129, EPI_ISL_1218130, EPI_ISL_1218133, EPI_ISL_1218137, EPI_ISL_1218151, EPI_ISL_1218156	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1219189, EPI_ISL_1219190, EPI_ISL_1219191, EPI_ISL_1219192, EPI_ISL_1219193	BIOR	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Irena Meistere, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219194, EPI_ISL_1219195, EPI_ISL_1219196, EPI_ISL_1219197, EPI_ISL_1219198, EPI_ISL_1219199, EPI_ISL_1219200, EPI_ISL_1219201, EPI_ISL_1219202, EPI_ISL_1219203, EPI_ISL_1219204, EPI_ISL_1219205, EPI_ISL_1219206, EPI_ISL_1219207, EPI_ISL_1219208, EPI_ISL_1219209, EPI_ISL_1219210, EPI_ISL_1219211, EPI_ISL_1219212			
see above	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219269, EPI_ISL_1219270, EPI_ISL_1219271, EPI_ISL_1219272, EPI_ISL_1219273, EPI_ISL_1219274	LIC	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219455, EPI_ISL_1219456, EPI_ISL_1219457	BIOR	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Irena Meistere, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219458, EPI_ISL_1219459, EPI_ISL_1219460, EPI_ISL_1219461, EPI_ISL_1219462, EPI_ISL_1219463, EPI_ISL_1219464, EPI_ISL_1219465, EPI_ISL_1219466, EPI_ISL_1219467, EPI_ISL_1219468, EPI_ISL_1219469			
see above	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1224876	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224914, EPI_ISL_1224915, EPI_ISL_1224916, EPI_ISL_1224917, EPI_ISL_1224918, EPI_ISL_1224919, EPI_ISL_1224920	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1224950	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1225013	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1225640, EPI_ISL_1225654	Connecticut DPH	Grubaug Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Anthony Muyombwe, Randy Downing, Jafar Razeq, Stephen M. Bart, Nathan Grubaug
EPI_ISL_1226015	NE Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226031	"PA Department of Health, Bureau of Laboratories"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226054, EPI_ISL_1226055, EPI_ISL_1226056, EPI_ISL_1226057, EPI_ISL_1226058, EPI_ISL_1226059, EPI_ISL_1226060, EPI_ISL_1226061, EPI_ISL_1226062, EPI_ISL_1226063	"NYSDOH Wadsworth Center, Virology Lab"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226146, EPI_ISL_1226147, EPI_ISL_1226148, EPI_ISL_1226149, EPI_ISL_1226152, EPI_ISL_1226154	OH Department of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226194, EPI_ISL_1226196, EPI_ISL_1226197, EPI_ISL_1226198, EPI_ISL_1226199, EPI_ISL_1226200, EPI_ISL_1226203, EPI_ISL_1226205	"CO Dept. of Public Health and Environment, Lab Services Division"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226233, EPI_ISL_1226234, EPI_ISL_1226235	VT Dept. of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226239, EPI_ISL_1226246, EPI_ISL_1226256, EPI_ISL_1226266, EPI_ISL_1226267, EPI_ISL_1226269, EPI_ISL_1226275	"CDPH, Viral and Rickettsial Disease Laboratory"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226326, EPI_ISL_1226327, EPI_ISL_1226337	"OK Public Health Laboratory, Oklahoma State DOH"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226408, EPI_ISL_1226409, EPI_ISL_1226410	MO State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226594, EPI_ISL_1226681	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kristen St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Erasmus Schneider,

EPI_ISL_1226847	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Erica Lasek-Nesselquist Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226956, EPI_ISL_1227056, EPI_ISL_1227057, EPI_ISL_1227058, EPI_ISL_1227393, EPI_ISL_1227394	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227549	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227593, EPI_ISL_1227594, EPI_ISL_1227595, EPI_ISL_1227596, EPI_ISL_1227597, EPI_ISL_1227598, EPI_ISL_1227599, EPI_ISL_1227600	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227716	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227860	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227970	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228028, EPI_ISL_1228041	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228452, EPI_ISL_1228474, EPI_ISL_1228475	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228560	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1231621, EPI_ISL_1231622, EPI_ISL_1231624, EPI_ISL_1231625, EPI_ISL_1231766	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1232024	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1233565, EPI_ISL_1233566, EPI_ISL_1233568, EPI_ISL_1233573	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1234787	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234797	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234798, EPI_ISL_1234843, EPI_ISL_1234850, EPI_ISL_1234851, EPI_ISL_1234866, EPI_ISL_1234875, EPI_ISL_1234878, EPI_ISL_1234884, EPI_ISL_1234897, EPI_ISL_1234899, EPI_ISL_1234917	see above	see above	see above
EPI_ISL_1234918, EPI_ISL_1234937, EPI_ISL_1234940	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234946, EPI_ISL_1234957, EPI_ISL_1234973, EPI_ISL_1234975, EPI_ISL_1234983, EPI_ISL_1234991, EPI_ISL_1234996	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235007	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235017, EPI_ISL_1235019, EPI_ISL_1235020, EPI_ISL_1235024	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235044	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235047, EPI_ISL_1235049	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235057	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235096, EPI_ISL_1235109, EPI_ISL_1235114, EPI_ISL_1235129, EPI_ISL_1235131, EPI_ISL_1235156, EPI_ISL_1235163, EPI_ISL_1235174, EPI_ISL_1235218, EPI_ISL_1235233, EPI_ISL_1235265, EPI_ISL_1235327, EPI_ISL_1235333, EPI_ISL_1235337	see above	see above	see above
EPI_ISL_1235748, EPI_ISL_1235749, EPI_ISL_1235750, EPI_ISL_1235751, EPI_ISL_1235752, EPI_ISL_1235753, EPI_ISL_1235754, EPI_ISL_1235756, EPI_ISL_1235758, EPI_ISL_1235774, EPI_ISL_1235789, EPI_ISL_1235804, EPI_ISL_1235835, EPI_ISL_1235843, EPI_ISL_1235861, EPI_ISL_1235869, EPI_ISL_1235871	see above	see above	see above
EPI_ISL_1238766	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1239393	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1242050, EPI_ISL_1242158, EPI_ISL_1242168, EPI_ISL_1242198, EPI_ISL_1242228, EPI_ISL_1242264	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Boršová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomira Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vina, Jozef Nosek, Boris Klempa
EPI_ISL_1245398	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1246954	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1247694, EPI_ISL_1247742, EPI_ISL_1247745	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorarrain A, Cilla G.
EPI_ISL_1247826	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1248260	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
	University College London, Great Ormond Street Hospital for	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutili, Paola Niola, Patricia Dyal, Charlotte

	Children NHS Foundation Trust, Imperial College Healthcare NHS Trust		Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1248496	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Dr Judith Heaney, Matthew Byott, Dr Catherine Houlihan, Dr Daniel Frampton, Stuart Kirk, Dr Moira Spyer, Dr Paul Grant and Dr Eleni Nastouli
EPI_ISL_1248830, EPI_ISL_1248831, EPI_ISL_1248832	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,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_1249210, EPI_ISL_1249213, EPI_ISL_1249214, EPI_ISL_1249229, EPI_ISL_1249230	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1250296	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, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1251896, EPI_ISL_1251950, EPI_ISL_1251951, EPI_ISL_1251952	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1251967, EPI_ISL_1251969	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1251981	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1251984	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1251997	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1252005	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1252029	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1253702	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1255229	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Accra, Ghana	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Volta Road, Legon-Accra, Ghana	Collins M. Morang'a, Joyce M. Ngoi, Evelyn B. Quansah, Samirah Saidi, Dominic S.Y. Amuzu, Vincent Appiah, Philip M. Soglo, Vanessa Magnussen, Aisha Mohammed, Kesego Tapela, Nelson Kibinge, Abdoulaye B Diallo, Frederick Kumi-Ansah, Theophilus Odoom, Oliver D Boakyey, Emmanuel Amoako4, Abdul-Karim Abass, , Samuel Kaba Akoriyea, Frederick Tei-Maya, Lucas N. Amenga-Etego, Dam Kenneth Mibut, Yaw Bediako, Benjamin Demah Nuertey, Gordon A Awandare, Peter K Quashie, Gordon A Awandare, Yaw Bediako
EPI_ISL_1257842	RSUP Fatmawati	National Institute of Health Research and Development	Kartika Dewi Puspa, Hana Apsari Pawestri, Subangkit, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Nelly Puspandari, Krisna Pangesti, Lidya Utami, Luci Liana, Lusiya Ningsih, Vivi Setiawaty
EPI_ISL_1257970, EPI_ISL_1257971, EPI_ISL_1257972, EPI_ISL_1257973, EPI_ISL_1257974, EPI_ISL_1257975, EPI_ISL_1258411, EPI_ISL_1258412, EPI_ISL_1258420	MB-Cadham Provincial laboratory	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham. Gary Van Domselaar, Paul Van Caesele, Jared Bullard, David Alexander, Kerry Dust, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_1260929	ULSS 1 Dolomiti	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1260931	ULSS 6 Euganea	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1260946	ULSS 03 Venezia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1261784, EPI_ISL_1261785, EPI_ISL_1261786, EPI_ISL_1261787, EPI_ISL_1261788	State Hygienic Laboratory at the University of Iowa	State Hygienic Laboratory at the University of Iowa	Valerie Reeb, Erik Twait, Wes Hottel, Alankar Kampoowale
EPI_ISL_1262087, EPI_ISL_1262090	HOSPITAL UNIVERSITARIO INSULAR DE GRAN CANARIA	Instituto de Salud Carlos III	Sandonis,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Del Rosario, C.
EPI_ISL_1262616	Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zilvė Zemeckiene, Mantas Sarauskas, Marius Sukys, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1263232	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory
EPI_ISL_1263540	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Mohd Zawawi Z, Azizan MA, Thayan R
EPI_ISL_1265174, EPI_ISL_1265183, EPI_ISL_1265184, EPI_ISL_1265187, EPI_ISL_1265191, EPI_ISL_1265194, EPI_ISL_1265195, EPI_ISL_1265200, EPI_ISL_1265201, EPI_ISL_1265202, EPI_ISL_1265204, EPI_ISL_1265205, EPI_ISL_1265206, EPI_ISL_1265208, EPI_ISL_1265209, EPI_ISL_1265211, EPI_ISL_1265213, EPI_ISL_1265217, EPI_ISL_1265219, EPI_ISL_1265221, EPI_ISL_1265223, EPI_ISL_1265227, EPI_ISL_1265228, EPI_ISL_1265231, EPI_ISL_1265234			
see above	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1265751	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1267302, EPI_ISL_1267305	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1268759, EPI_ISL_1268761	Laborzentrum Weser	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_1272452	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Dario García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_1272614, EPI_ISL_1272629, EPI_ISL_1272631	MS Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwaní Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272647, EPI_ISL_1272651	HI Dept. of Health, State Laboratories Division	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine

EPI_ISL_1272676, EPI_ISL_1272679	RI State Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272692	TX DSHS, Lab Services Section MC 1947	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272717	FL Bureau of Public Health Laboratories-Tampa	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272856, EPI_ISL_1272867	AR Dept. of Health-PHL, Molecular Diagnostics	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273382, EPI_ISL_1273384	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vlaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1273667, EPI_ISL_1273668, EPI_ISL_1273670, EPI_ISL_1273672, EPI_ISL_1273673, EPI_ISL_1273727, EPI_ISL_1273757	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1273770, EPI_ISL_1273771, EPI_ISL_1273772, EPI_ISL_1273773, EPI_ISL_1273774, EPI_ISL_1273775, EPI_ISL_1273800	WSSE Gdask	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1278011	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1278549, EPI_ISL_1278550, EPI_ISL_1278561, EPI_ISL_1278610, EPI_ISL_1278765, EPI_ISL_1278766, EPI_ISL_1278767, EPI_ISL_1278768, EPI_ISL_1278769, EPI_ISL_1278770, EPI_ISL_1278771, EPI_ISL_1278772, EPI_ISL_1278773, EPI_ISL_1278774, EPI_ISL_1278796, EPI_ISL_1278801, EPI_ISL_1278924	see above	see above	see above
EPI_ISL_1279028, EPI_ISL_1279031, EPI_ISL_1279032, EPI_ISL_1279033, EPI_ISL_1279034, EPI_ISL_1279035, EPI_ISL_1279036, EPI_ISL_1279128, EPI_ISL_1279133, EPI_ISL_1279180, EPI_ISL_1279181, EPI_ISL_1279183, EPI_ISL_1279184, EPI_ISL_1279187, EPI_ISL_1279188, EPI_ISL_1279189	see above	see above	see above
EPI_ISL_1284212	RSU Medirossa	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284215	RS Medirossa Cikarang	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284219, EPI_ISL_1284223	RS Mitra Keluarga Kalideres	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284226, EPI_ISL_1284230, EPI_ISL_1284234	RSU Harapan Bunda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284237	RSU Harapan Bunda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284240	RS Harapan Mulia Cibusah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284244, EPI_ISL_1284247	RS Masmitra	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284251	RS Mitra Keluarga Gading Serpong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284254	RS Mitra Keluarga Gading Serpong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284258	RS Mulia Pajajaran	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1290922, EPI_ISL_1290956, EPI_ISL_1291133, EPI_ISL_1291189, EPI_ISL_1291190, EPI_ISL_1291191	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1291318, EPI_ISL_1291323, EPI_ISL_1291336, EPI_ISL_1291337, EPI_ISL_1291339, EPI_ISL_1291357, EPI_ISL_1291376	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedruza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1291625, EPI_ISL_1291639, EPI_ISL_1291646	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddle
EPI_ISL_1291741	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson.
EPI_ISL_1291742, EPI_ISL_1291744, EPI_ISL_1291748, EPI_ISL_1291749	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1292518, EPI_ISL_1292555, EPI_ISL_1292564, EPI_ISL_1292567, EPI_ISL_1292570	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_1293057, EPI_ISL_1293069, EPI_ISL_1293073, EPI_ISL_1293080	IAL Regional de Sorocaba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1295855, EPI_ISL_1295857, EPI_ISL_1295858, EPI_ISL_1295859, EPI_ISL_1295860, EPI_ISL_1295868	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1296602	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1296840	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battegay, Hans Hirsch, Adrian Egli

EPI_ISL_1297261, EPI_ISL_1297267, EPI_ISL_1297400	BIOMNIS PARIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1297454, EPI_ISL_1297455	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1299571, EPI_ISL_1299572, EPI_ISL_1299573, EPI_ISL_1299574, EPI_ISL_1299575, EPI_ISL_1299576, EPI_ISL_1299577, EPI_ISL_1299578, EPI_ISL_1299579, EPI_ISL_1299580, EPI_ISL_1299581, EPI_ISL_1299582, EPI_ISL_1299583, EPI_ISL_1299584, EPI_ISL_1299585, EPI_ISL_1299586, EPI_ISL_1299587, EPI_ISL_1299588, EPI_ISL_1299589, EPI_ISL_1299590, EPI_ISL_1299591, EPI_ISL_1299592, EPI_ISL_1299593, EPI_ISL_1299594, EPI_ISL_1299595, EPI_ISL_1299596, EPI_ISL_1299597, EPI_ISL_1299598, EPI_ISL_1299599, EPI_ISL_1299600, EPI_ISL_1299601, EPI_ISL_1299602, EPI_ISL_1299603, EPI_ISL_1299604, EPI_ISL_1299605, EPI_ISL_1299606, EPI_ISL_1299607, EPI_ISL_1299608, EPI_ISL_1299609, EPI_ISL_1299610, EPI_ISL_1299611, EPI_ISL_1299612, EPI_ISL_1299613, EPI_ISL_1299614, EPI_ISL_1299615, EPI_ISL_1299616, EPI_ISL_1299617, EPI_ISL_1299618, EPI_ISL_1299619, EPI_ISL_1299620, EPI_ISL_1299621, EPI_ISL_1299622, EPI_ISL_1299623, EPI_ISL_1299624, EPI_ISL_1299625, EPI_ISL_1299626, EPI_ISL_1299627, EPI_ISL_1299628, EPI_ISL_1299629, EPI_ISL_1299630, EPI_ISL_1299631, EPI_ISL_1299632, EPI_ISL_1299633, EPI_ISL_1299634, EPI_ISL_1299635, EPI_ISL_1299636, EPI_ISL_1299637, EPI_ISL_1299638, EPI_ISL_1299639, EPI_ISL_1299640, EPI_ISL_1299641, EPI_ISL_1299642, EPI_ISL_1299643, EPI_ISL_1299644, EPI_ISL_1299645, EPI_ISL_1299646, EPI_ISL_1299647, EPI_ISL_1299648, EPI_ISL_1299649, EPI_ISL_1299650, EPI_ISL_1299651, EPI_ISL_1299652, EPI_ISL_1299653, EPI_ISL_1299654, EPI_ISL_1299655, EPI_ISL_1299656, EPI_ISL_1299657, EPI_ISL_1299658, EPI_ISL_1299659, EPI_ISL_1299660, EPI_ISL_1299661, EPI_ISL_1299662, EPI_ISL_1299663, EPI_ISL_1299664, EPI_ISL_1299665, EPI_ISL_1299666, EPI_ISL_1299667, EPI_ISL_1299668, EPI_ISL_1299669, EPI_ISL_1299670, EPI_ISL_1299671, EPI_ISL_1299672, EPI_ISL_1299673, EPI_ISL_1299674, EPI_ISL_1299675, EPI_ISL_1299676, EPI_ISL_1299677, EPI_ISL_1299678, EPI_ISL_1299679, EPI_ISL_1299680, EPI_ISL_1299681, EPI_ISL_1299682, EPI_ISL_1299683, EPI_ISL_1299684, EPI_ISL_1299685, EPI_ISL_1299686, EPI_ISL_1299687, EPI_ISL_1299688, EPI_ISL_1299689, EPI_ISL_1299690, EPI_ISL_1299691, EPI_ISL_1299692, EPI_ISL_1299693, EPI_ISL_1299694, EPI_ISL_1299695, EPI_ISL_1299696, EPI_ISL_1299697, EPI_ISL_1299698, EPI_ISL_1299699, EPI_ISL_1299700, EPI_ISL_1299701, EPI_ISL_1299702, EPI_ISL_1299703, EPI_ISL_1299704, EPI_ISL_1299705, EPI_ISL_1299706, EPI_ISL_1299707, EPI_ISL_1299708, EPI_ISL_1299709			
see above	Microbiology, Department of Pathology, St. Bernard's Hospital, Gibraltar Health Authority	Respiratory Virus Unit, National Infection Service, Public Health England	PHE Covid Sequencing Team, Dr Nicholas Cortes (Gibraltar), Charlotte Gillborn-Jones (Gibraltar)
EPI_ISL_1300368, EPI_ISL_1300379, EPI_ISL_1300405	Texas Department of State Health Services - TXDSHS	Texas Department of State Health Services - TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1300486, EPI_ISL_1300490, EPI_ISL_1300497, EPI_ISL_1300498, EPI_ISL_1300499	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1301408	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Ana S. Gonzalez-Reiche, Hala Alshammary, Mitchell J. Sullivan, Brianne Ciferri, Ajay Obla, Angela Amoako, Mahmoud Awawda, Daniel Floda, Julia Matthews, Ashley Salimbangon, Levy Sominsky, Katherine Beach, Kayla Russo, Charles Gleason, Shclcie Fabre, Giulio Kleiner, Zenab Khan, Bremy Alburquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise Jurgczynsak, Nancy Francoeur, Betsaida Salom Melo, Irina Oussenko, Gintaras Deikus, Juan Soto, Shwetha Hara Sridhar, Ying-Chih Wang, Kathryn Twyman, Deena R. Altman, Robert Sebra, Adolfo Garcia-Sastre, Marta Luksa, Gopi Patel, Sarah Schaefer, Melissa Gitman, Michael D. Nowak, Alberto Paniz-Mondolfi, Emilia Mia Sordillo, Viviana Simon, Harm van Bakel
EPI_ISL_1301989, EPI_ISL_1301990, EPI_ISL_1302055, EPI_ISL_1302117	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1303162, EPI_ISL_1303163, EPI_ISL_1303164, EPI_ISL_1303165, EPI_ISL_1303169, EPI_ISL_1303170, EPI_ISL_1303171, EPI_ISL_1303172, EPI_ISL_1303173, EPI_ISL_1303174, EPI_ISL_1303175, EPI_ISL_1303176, EPI_ISL_1303177, EPI_ISL_1303178, EPI_ISL_1303180, EPI_ISL_1303181, EPI_ISL_1303182, EPI_ISL_1303183, EPI_ISL_1303184, EPI_ISL_1303185, EPI_ISL_1303186, EPI_ISL_1303187, EPI_ISL_1303190, EPI_ISL_1303308			
see above	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores,H., Freeman,J.
EPI_ISL_1303381	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1303509	LACEN do Estado de Tocantins	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1308545	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton,Aaron Jeffries,Michelle Michelsen,Joanna Warwick-Dugdale,Audrey Farbos,Robyn Manley,Stephen Michell,Jane Masoli
EPI_ISL_1308707, EPI_ISL_1308708	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole A, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1309056, EPI_ISL_1309073	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, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1309674	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1311781	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1311915, EPI_ISL_1311923, EPI_ISL_1311928, EPI_ISL_1311941	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martín, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_1312078, EPI_ISL_1312120	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1313049, EPI_ISL_1313050, EPI_ISL_1313051, EPI_ISL_1313150	LABOSUD PROVENCE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1313151, EPI_ISL_1313711	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1313848	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1315012, EPI_ISL_1315057, EPI_ISL_1315062	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1315340	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Jeong-Ah Kim, Chae Young Lee, Jin Sun No, Eun-Jin Kim
EPI_ISL_1317241	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317303, EPI_ISL_1317304, EPI_ISL_1317305	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317881, EPI_ISL_1317882, EPI_ISL_1317883, EPI_ISL_1317884	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317886, EPI_ISL_1317888, EPI_ISL_1317889	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317890, EPI_ISL_1317891, EPI_ISL_1317892	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317893	Unilabs Laboratory Medicine	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes

EPI_ISL_1318428, EPI_ISL_1318434, EPI_ISL_1318435, EPI_ISL_1318438, EPI_ISL_1318439, EPI_ISL_1318441, EPI_ISL_1318444	ND Dept. of Health Laboratory Services-Microbiology	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318516, EPI_ISL_1318523	"AR Dept. of Health-PHL, Molecular Diagnostics"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1321537	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1321613, EPI_ISL_1321626, EPI_ISL_1321639, EPI_ISL_1321642	LADR GmbH MVZ Dr. Kramer & Kollegen Geesthacht	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_1324354, EPI_ISL_1324355, EPI_ISL_1324356, EPI_ISL_1324357, EPI_ISL_1324358, EPI_ISL_1324359	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Rona S. Scott, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevil, Martin J. Sapp, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1335693	National Laboratory for Health, Environment and Food, OMM, Celje	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1335809, EPI_ISL_1335827, EPI_ISL_1335857	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1336797	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcelli M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1340798, EPI_ISL_1340799, EPI_ISL_1340800	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1341783	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Rona S. Scott, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevil, Martin J. Sapp, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1346579, EPI_ISL_1346581	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1348502, EPI_ISL_1348509, EPI_ISL_1348511, EPI_ISL_1348513, EPI_ISL_1348536, EPI_ISL_1348542, EPI_ISL_1348581	Universitätsklinikum Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1349095	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1349614	Landesgesundheitsamt Baden-Württemberg	Robert Koch Institute	unknown
EPI_ISL_1355313, EPI_ISL_1355326, EPI_ISL_1355375, EPI_ISL_1355386, EPI_ISL_1355623	Universitätsmedizin Mannheim	Robert Koch Institute	unknown
EPI_ISL_1358555, EPI_ISL_1358557, EPI_ISL_1358559, EPI_ISL_1358563, EPI_ISL_1358565, EPI_ISL_1358566, EPI_ISL_1358569, EPI_ISL_1358570, EPI_ISL_1358571, EPI_ISL_1358572, EPI_ISL_1358573, EPI_ISL_1358574, EPI_ISL_1358575, EPI_ISL_1358576, EPI_ISL_1358577, EPI_ISL_1358578, EPI_ISL_1358579, EPI_ISL_1358580, EPI_ISL_1358581, EPI_ISL_1358583, EPI_ISL_1358584, EPI_ISL_1358585, EPI_ISL_1358586, EPI_ISL_1358587, EPI_ISL_1358588, EPI_ISL_1358589, EPI_ISL_1358590, EPI_ISL_1358591, EPI_ISL_1358592, EPI_ISL_1358593, EPI_ISL_1358594, EPI_ISL_1358595	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1358957	Hennepin County Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1359845, EPI_ISL_1359846	BIOMNIS PARIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1359970	LABORATOIRE FORESTIER	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1359971, EPI_ISL_1360026, EPI_ISL_1360027, EPI_ISL_1360028, EPI_ISL_1360029	HOPITAL UNIVERSITAIRE DE FORT DE FRANCE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1361539, EPI_ISL_1361579	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio' - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGE) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Pilusico, Giorgio Dirani, Vittorio Sambri, Simona Semprini, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1363975, EPI_ISL_1363976, EPI_ISL_1364300, EPI_ISL_1364301, EPI_ISL_1364302, EPI_ISL_1364303, EPI_ISL_1364304	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1364513, EPI_ISL_1364514	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1364624, EPI_ISL_1364628, EPI_ISL_1364633, EPI_ISL_1364644, EPI_ISL_1364654, EPI_ISL_1364673, EPI_ISL_1364746, EPI_ISL_1364789, EPI_ISL_1364812, EPI_ISL_1364836, EPI_ISL_1364847, EPI_ISL_1364862	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efreem S. Lim
EPI_ISL_1364896	Bundeswehrkrankenhaus Westerstede	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364897, EPI_ISL_1364898	Bundeswehrzentral Krankenhaus Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel



EPI_ISL_1364907 EPI_ISL_1365034	Bundeswehrkrankenhaus Hamburg Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Bundeswehr Institute of Microbiology Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel Chantal Akoua-Koffi, Diané Bamourou, Etlié Anoh, Oby Wayoro, Safiatou Karidioula, Adjaratou Traoré, Soundélé Maité, Monemo Pacome, Coulibaly Mbegan, Bamba Fatoumata Touré, Kra Ouffoué, Grit Schubert, Essia Belarbi, Fabian Leendertz
EPI_ISL_1366139, EPI_ISL_1366140	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1366383, EPI_ISL_1366391, EPI_ISL_1366392, EPI_ISL_1366394, EPI_ISL_1366405, EPI_ISL_1366406, EPI_ISL_1366407, EPI_ISL_1366408, EPI_ISL_1366409	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1369081, EPI_ISL_1369094, EPI_ISL_1369098, EPI_ISL_1369099, EPI_ISL_1369108, EPI_ISL_1369113, EPI_ISL_1369120	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1369335	Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño	SeqCOVID-SPAIN consortium/IBV(CSIC)	María de Toro, José Manuel Azcona Gutiérrez, María Pilar Bea Escudero, Miriam Blasco Alberdi and SeqCOVID-SPAIN consortium
EPI_ISL_1370213	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1373733, EPI_ISL_1373796, EPI_ISL_1373830	Washington University School of Medicine	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1373839, EPI_ISL_1373859, EPI_ISL_1373871	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1374021, EPI_ISL_1374040, EPI_ISL_1374046	Springfield-Greene Co. Health Dept.	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Jing Zhang, Yan Li, Ying Tao, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1379267, EPI_ISL_1379268, EPI_ISL_1379269, EPI_ISL_1379270, EPI_ISL_1379271, EPI_ISL_1379272, EPI_ISL_1379273, EPI_ISL_1379274, EPI_ISL_1379275, EPI_ISL_1379276, EPI_ISL_1379277, EPI_ISL_1379278, EPI_ISL_1379279, EPI_ISL_1379280, EPI_ISL_1379281, EPI_ISL_1379282, EPI_ISL_1379283, EPI_ISL_1379284, EPI_ISL_1379285, EPI_ISL_1379286, EPI_ISL_1379287, EPI_ISL_1379288, EPI_ISL_1379289, EPI_ISL_1379290, EPI_ISL_1379291, EPI_ISL_1379292, EPI_ISL_1379293, EPI_ISL_1379294, EPI_ISL_1379295, EPI_ISL_1379296, EPI_ISL_1379297, EPI_ISL_1379298, EPI_ISL_1379299, EPI_ISL_1379300, EPI_ISL_1379301, EPI_ISL_1379302, EPI_ISL_1379303, EPI_ISL_1379304, EPI_ISL_1379305, EPI_ISL_1379306, EPI_ISL_1379307, EPI_ISL_1379308, EPI_ISL_1379309, EPI_ISL_1379310, EPI_ISL_1379311, EPI_ISL_1379312, EPI_ISL_1379313, EPI_ISL_1379314, EPI_ISL_1379315, EPI_ISL_1379316, EPI_ISL_1379317, EPI_ISL_1379318, EPI_ISL_1379319, EPI_ISL_1379320, EPI_ISL_1379321, EPI_ISL_1379322, EPI_ISL_1379323, EPI_ISL_1379324, EPI_ISL_1379325, EPI_ISL_1379326, EPI_ISL_1379327, EPI_ISL_1379328, EPI_ISL_1379329, EPI_ISL_1379330, EPI_ISL_1379331, EPI_ISL_1379332, EPI_ISL_1379333, EPI_ISL_1379334, EPI_ISL_1379335			
see above	Hackensack Meridian Health	New York Genome Center	Michael Zody, Andre Corvelo, Dayna M. Oschwald, Samantha Fennessey, Tom Maniatis, Liang Chen, Jose Mediavilla, Marcus Cunningham, Kaelea Composto, Kar Chow, David Perlin, Barry Kreiswirth
EPI_ISL_1379553, EPI_ISL_1379559, EPI_ISL_1379560, EPI_ISL_1379561	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorice Lima, Suzane Silbert
EPI_ISL_1382857, EPI_ISL_1382858, EPI_ISL_1382859, EPI_ISL_1382860, EPI_ISL_1382861, EPI_ISL_1382862, EPI_ISL_1382863	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1383382, EPI_ISL_1383384, EPI_ISL_1383385, EPI_ISL_1383386, EPI_ISL_1383387, EPI_ISL_1383388, EPI_ISL_1383389, EPI_ISL_1383390, EPI_ISL_1383391, EPI_ISL_1383392, EPI_ISL_1383394, EPI_ISL_1383395, EPI_ISL_1383396, EPI_ISL_1383398, EPI_ISL_1383399, EPI_ISL_1383400, EPI_ISL_1383401, EPI_ISL_1383402, EPI_ISL_1383403, EPI_ISL_1383404, EPI_ISL_1383405			
see above	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1383854, EPI_ISL_1383855, EPI_ISL_1383856, EPI_ISL_1383858, EPI_ISL_1383859	Hospital Center Emile Mayrisch	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Cynthia Oxacelay, Tamir Abdelrahman
EPI_ISL_1384069, EPI_ISL_1384122	Hospital Center Luxembourg	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Michel Kohnen, Jean-Hugues Francois, Tamir Abdelrahman
EPI_ISL_1384560, EPI_ISL_1384561	Laboratoires Reunis	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Bernard Weber, Tamir Abdelrahman
EPI_ISL_1388377, EPI_ISL_1388380, EPI_ISL_1388382	Rothen Medizinische Laboratorien AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Ingrid Steffen, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388560	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388722	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Simon Fuchs, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388736	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_1389061, EPI_ISL_1389063	Rothen Medizinische Laboratorien AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Ingrid Steffen, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1391277, EPI_ISL_1391281, EPI_ISL_1391284, EPI_ISL_1391287, EPI_ISL_1391299, EPI_ISL_1391317, EPI_ISL_1391322, EPI_ISL_1391324, EPI_ISL_1391334, EPI_ISL_1391338, EPI_ISL_1391342, EPI_ISL_1391344, EPI_ISL_1391346, EPI_ISL_1391350, EPI_ISL_1391358, EPI_ISL_1391370			
see above	Motol University Hospital	Institute of Applied Biotechnologies a.s.	Petr Klemp, Ondej Brzo, Martin Kašný, Kateina Kvapilová, Pavel Devínek, Petr Kvapil
EPI_ISL_1392648, EPI_ISL_1392649	CHD Vendée	CHU Nantes Virology	Celine Bressollette-Bodin, Thomas Drumel, Audrey Rodallec, Berthe-Marie Imbert-Marcille, Cecile Le Boterff
EPI_ISL_1394620, EPI_ISL_1394621, EPI_ISL_1394623	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1394629, EPI_ISL_1394630, EPI_ISL_1394631, EPI_ISL_1394632, EPI_ISL_1394633, EPI_ISL_1394634, EPI_ISL_1394635, EPI_ISL_1394636, EPI_ISL_1394637, EPI_ISL_1394638, EPI_ISL_1394639, EPI_ISL_1394640, EPI_ISL_1394641, EPI_ISL_1394643			
see above	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397543	ALBANY MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397828	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider,

EPI_ISL_1400802, EPI_ISL_1400804		Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques Erica Lasek-Nesselquist
EPI_ISL_1402581	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	Hubert Niesters, Alexander Friedrich, Erley Lizarazo-Forero, Monika Flissikowska, Lilli Gard, Sigrid Rosema, Coretta Van Leer-Buter, Xuewei Zhou, Marjolein Knoester	
EPI_ISL_1403781	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory		Rafia Razzaque, Eugene Yeboah, Vanda Makris, John Fontana and Shane Sevey
EPI_ISL_1405668	UCSC Genomics Institute	UCSC Genomics Institute		Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-Detig, Namrita Dhillon, Maximilian Haeussler, David Haussler, Angie Hinrichs, Miten Jain, Joshua Kapp, A. Marm Kilpatrick, Jakob McBroome, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1416223	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services		Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1416280, EPI_ISL_1416281, EPI_ISL_1416282, EPI_ISL_1416283, EPI_ISL_1416284, EPI_ISL_1416285, EPI_ISL_1416286, EPI_ISL_1416287, EPI_ISL_1416288, EPI_ISL_1416289, EPI_ISL_1416290, EPI_ISL_1416291, EPI_ISL_1416292, EPI_ISL_1416293, EPI_ISL_1416294, EPI_ISL_1416295, EPI_ISL_1416296, EPI_ISL_1416297, EPI_ISL_1416298, EPI_ISL_1416299, EPI_ISL_1416300, EPI_ISL_1416301, EPI_ISL_1416302, EPI_ISL_1416303, EPI_ISL_1416304, EPI_ISL_1416305, EPI_ISL_1416306, EPI_ISL_1416307, EPI_ISL_1416309, EPI_ISL_1416310, EPI_ISL_1416311				
see above	Oregon State University TRACE Project	OSU Center for Genome Research and Biocomputing		Oregon State University TRACE Project
EPI_ISL_1417617, EPI_ISL_1417618, EPI_ISL_1417867, EPI_ISL_1417868, EPI_ISL_1417869, EPI_ISL_1417870, EPI_ISL_1417871, EPI_ISL_1418537, EPI_ISL_1418622, EPI_ISL_1418739, EPI_ISL_1418740, EPI_ISL_1418741, EPI_ISL_1418742, EPI_ISL_1418966, EPI_ISL_1418967, EPI_ISL_1418968, EPI_ISL_1418969, EPI_ISL_1418970, EPI_ISL_1418971, EPI_ISL_1418972, EPI_ISL_1418973, EPI_ISL_1418974, EPI_ISL_1418975				
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden		Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1419197, EPI_ISL_1419234, EPI_ISL_1419669, EPI_ISL_1419738	INSACOG-WB	National Institute of Biomedical Genomics - INSACOG		Arindam Maitra, Bhaswati Bandyopadhyay, Nidhan Kumar Biswas, Tamal Ghosh, Sreedhar Chinnaswamy, Ajay Chakraborti, Saumitra Das
EPI_ISL_1420351, EPI_ISL_1420634	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden		Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1423594, EPI_ISL_1423599, EPI_ISL_1423600, EPI_ISL_1423602, EPI_ISL_1423603, EPI_ISL_1423604, EPI_ISL_1423605, EPI_ISL_1423610, EPI_ISL_1423611, EPI_ISL_1423612, EPI_ISL_1423617, EPI_ISL_1423620, EPI_ISL_1423621, EPI_ISL_1423622, EPI_ISL_1423623, EPI_ISL_1423624, EPI_ISL_1423625, EPI_ISL_1423627, EPI_ISL_1423629, EPI_ISL_1423630, EPI_ISL_1423631				
see above	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)		Mónica Gozalo Margüello, María Eleicer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_1423652	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)		Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1423793, EPI_ISL_1423794, EPI_ISL_1423795, EPI_ISL_1423796, EPI_ISL_1423797, EPI_ISL_1423798, EPI_ISL_1423799, EPI_ISL_1423800, EPI_ISL_1423801	Servicio de Microbiología. Hospital Ramón y Cajal. (CIBERESP)	SeqCOVID-SPAIN consortium/IBV(CSIC)		Jose Mª González-Alba, L. Olavarrieta, Val Fernández, Juan C Galán and SeqCOVID-SPAIN consortium
EPI_ISL_1423927, EPI_ISL_1423928, EPI_ISL_1423933	Hospital Universitario Virgen de las Nieves de Granada-SAS	SeqCOVID-SPAIN consortium/IBV(CSIC)		Sara Sanbonmatsu Gámez, Irene Pedrosa Corral, José M. Navarro-Mari and SeqCOVID-SPAIN consortium
EPI_ISL_1424099	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory		Fumiko Yamamoto, Malaya K. Sahoo, Mamdouh Sibai, Daniel Solis, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1425036, EPI_ISL_1425039, EPI_ISL_1425040, EPI_ISL_1425041, EPI_ISL_1425043	Clalit Health Services Laboratories, Israel	Stern Lab		Stern Lab
EPI_ISL_1425126, EPI_ISL_1425138, EPI_ISL_1425211, EPI_ISL_1425212, EPI_ISL_1425213, EPI_ISL_1425214, EPI_ISL_1425215, EPI_ISL_1425216, EPI_ISL_1425217, EPI_ISL_1425218, EPI_ISL_1425219, EPI_ISL_1425220, EPI_ISL_1425221, EPI_ISL_1425222, EPI_ISL_1425223, EPI_ISL_1425224, EPI_ISL_1425225, EPI_ISL_1425226, EPI_ISL_1425227, EPI_ISL_1425228, EPI_ISL_1425234, EPI_ISL_1425242, EPI_ISL_1425243, EPI_ISL_1425267, EPI_ISL_1425268, EPI_ISL_1425394, EPI_ISL_1425395, EPI_ISL_1425396, EPI_ISL_1425421				
see above	Department of Infectious Diseases, Kobe Institute of Health	Department of Infectious Diseases, Kobe Institute of Health		Ryohei Nomoto, Noriko Nakanishi, Tomotada Iwamoto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1425586	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Minoru Nagi, Ken Miyazawa, Takashi Sakudoh, Nozomu Hanaoka, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1425587	Saitama Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Shigeru Tanjima, Eri Nakayama, Takahiro Maeki, Motohiko Ogawa, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1425590, EPI_ISL_1425592, EPI_ISL_1425597, EPI_ISL_1425598, EPI_ISL_1425600	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Tadashi Kikuchi, Hiroshi Ishii, Shigeru Kusagawa, Makoto Kuroda
EPI_ISL_1425734, EPI_ISL_1426286, EPI_ISL_1426287, EPI_ISL_1426288	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Shigeru Tanjima, Eri Nakayama, Takahiro Maeki, Motohiko Ogawa, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1426598, EPI_ISL_1426599, EPI_ISL_1426600	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1427160, EPI_ISL_1427161, EPI_ISL_1427162, EPI_ISL_1427163, EPI_ISL_1427164, EPI_ISL_1427165	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1427203, EPI_ISL_1427204, EPI_ISL_1427205, EPI_ISL_1427206, EPI_ISL_1427207, EPI_ISL_1427339	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1427582	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, , Makoto Kuroda
EPI_ISL_1427655	Sakai City Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1427676, EPI_ISL_1427677, EPI_ISL_1428000, EPI_ISL_1428144, EPI_ISL_1428156, EPI_ISL_1428157, EPI_ISL_1428158, EPI_ISL_1428274, EPI_ISL_1428283, EPI_ISL_1428320, EPI_ISL_1428321, EPI_ISL_1428322, EPI_ISL_1428624, EPI_ISL_1428625, EPI_ISL_1428652, EPI_ISL_1428653, EPI_ISL_1428654, EPI_ISL_1428655, EPI_ISL_1428972, EPI_ISL_1428973, EPI_ISL_1428974, EPI_ISL_1428975, EPI_ISL_1428976, EPI_ISL_1428977, EPI_ISL_1429009, EPI_ISL_1429010, EPI_ISL_1429011, EPI_ISL_1429012, EPI_ISL_1429222, EPI_ISL_1429223, EPI_ISL_1429224, EPI_ISL_1429257, EPI_ISL_1429258, EPI_ISL_1429276, EPI_ISL_1429277				
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1429719	Niigata Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda

EPI_ISL_1430071, EPI_ISL_1430072, EPI_ISL_1430075, EPI_ISL_1430267, EPI_ISL_1430268, EPI_ISL_1430269, EPI_ISL_1430319, EPI_ISL_1430415	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1430552, EPI_ISL_1430553	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1430555	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1430569	Toyama Institute of Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1430716, EPI_ISL_1430719, EPI_ISL_1430720, EPI_ISL_1430730, EPI_ISL_1430735	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1430763	Saitama Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1430807, EPI_ISL_1430808, EPI_ISL_1430809, EPI_ISL_1430810, EPI_ISL_1430811, EPI_ISL_1430812, EPI_ISL_1430813, EPI_ISL_1430814, EPI_ISL_1430815, EPI_ISL_1430816, EPI_ISL_1430817, EPI_ISL_1430820, EPI_ISL_1430892			
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1431137, EPI_ISL_1431138, EPI_ISL_1431139, EPI_ISL_1431140	Saitama Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1431190, EPI_ISL_1431191, EPI_ISL_1431200, EPI_ISL_1431333, EPI_ISL_1431334, EPI_ISL_1431335, EPI_ISL_1431336, EPI_ISL_1431337, EPI_ISL_1431338, EPI_ISL_1431339, EPI_ISL_1431340, EPI_ISL_1431341, EPI_ISL_1431342, EPI_ISL_1431343, EPI_ISL_1431344, EPI_ISL_1431345, EPI_ISL_1431346, EPI_ISL_1431347, EPI_ISL_1431348, EPI_ISL_1431349, EPI_ISL_1431350, EPI_ISL_1431351, EPI_ISL_1431352, EPI_ISL_1431353, EPI_ISL_1431354, EPI_ISL_1431355, EPI_ISL_1431356, EPI_ISL_1431357, EPI_ISL_1431358, EPI_ISL_1431359, EPI_ISL_1431360, EPI_ISL_1431361, EPI_ISL_1431362, EPI_ISL_1431363, EPI_ISL_1431364, EPI_ISL_1431365, EPI_ISL_1431366, EPI_ISL_1431367, EPI_ISL_1431368, EPI_ISL_1431369, EPI_ISL_1431370, EPI_ISL_1431371, EPI_ISL_1431372, EPI_ISL_1431373, EPI_ISL_1431374, EPI_ISL_1431375, EPI_ISL_1431376, EPI_ISL_1431562, EPI_ISL_1431563, EPI_ISL_1431564, EPI_ISL_1431565, EPI_ISL_1431566, EPI_ISL_1431597, EPI_ISL_1431598			
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1431651	Chiba Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1431973, EPI_ISL_1432085, EPI_ISL_1432087, EPI_ISL_1432088, EPI_ISL_1432090, EPI_ISL_1432723, EPI_ISL_1432725, EPI_ISL_1432727	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1434460, EPI_ISL_1434689, EPI_ISL_1434691	Ibaraki Prefectural Institute of Public Health	Ibaraki Prefectural Institute of Public Health	Keiko Goto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1442956, EPI_ISL_1442968, EPI_ISL_1442969, EPI_ISL_1442970, EPI_ISL_1442971, EPI_ISL_1442972, EPI_ISL_1442973, EPI_ISL_1442974	Gunma Prefectural Institute of Public Health and Environmental Sciences	Gunma Prefectural Institute of Public Health and Environmental Sciences	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda, Hiroyuki Tsukagoshi, Daisuke Shinoda, Mariko Saito
EPI_ISL_1443302, EPI_ISL_1443303, EPI_ISL_1443304, EPI_ISL_1443305	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameron Grant, Evelyn Hoffman, Patricio Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1443809, EPI_ISL_1443814, EPI_ISL_1443815, EPI_ISL_1443817	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1444777	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1444924, EPI_ISL_1444929, EPI_ISL_1444930, EPI_ISL_1444931, EPI_ISL_1444932, EPI_ISL_1444973, EPI_ISL_1444983	Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
EPI_ISL_1446422, EPI_ISL_1446424	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1448417	Sapporo City Institute of Public Health	Sapporo City Institute of Public Health	Asami Ohnishi,Rie Shimazaki,Yusuke Oguchi,Masayuki Kikuchi,Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1455865, EPI_ISL_1456994, EPI_ISL_1457011, EPI_ISL_1457021, EPI_ISL_1457047, EPI_ISL_1457526, EPI_ISL_1457590, EPI_ISL_1457609, EPI_ISL_1457689	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1461124, EPI_ISL_1461125, EPI_ISL_1461126, EPI_ISL_1461127, EPI_ISL_1461128, EPI_ISL_1461129, EPI_ISL_1461130, EPI_ISL_1461132, EPI_ISL_1461133, EPI_ISL_1461134	BIOSELLAL	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1465216	Laboratorio Central de Saude Publica do Estado do Maranhao (LACEN-MA)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Paixao, Ana Carolina Mendonca, Alice Sampaio Rocha, Renata Serrano Lopes, Lido Gonçalves Lima Neto, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_1465667	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1468445	Santa Casa de Misericordia de Pereira Barreto	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1468454	Santa Casa de Andradina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1468458	Secretaria Municipal de Saude de Valparaiso SP	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1468994, EPI_ISL_1468999, EPI_ISL_1469000, EPI_ISL_1469004, EPI_ISL_1469008, EPI_ISL_1469009,	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin

EPI_ISL_1469012 EPI_ISL_1469312	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1472198	Fukuoka Institute of Health and Environmental Sciences	Fukuoka Institute of Health and Environmental Sciences	Hiroaki Shigemura, Yoshiki Etoh, Asako Nakamura, Akira Ohishi, Takayuki Kobayashi, Saori Ueda, Chiharu Katamune, Mitsuhiro Hamasaki, Yuki Ashizuka, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1475149	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_1477069	Centre Hospitalier du Nord	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Fatiha Boulmerka, Tamir Abdelrahman
EPI_ISL_1477234, EPI_ISL_1477272, EPI_ISL_1477284	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1478755, EPI_ISL_1478756	Complejo Hospitalario Universitario de Pontevedra	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Campello M, Perez S, Regueiro B, Trigo M
EPI_ISL_1483281	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorce Lima, Suzane Silbert
EPI_ISL_1492073, EPI_ISL_1492074, EPI_ISL_1492076	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1495041	Laboratório de Biologia Integrativa	Laboratório de Biologia Integrativa	Filipe Romero Rebello Moreira, Diego Menezes Bonfim, Victor Emmanuel Viana Geddes, Danielle Alves Gomes Zauli, Joice do Prado Silva, Aline Brito de Lima, Frederico Scott Varella Malta, Alessandro Clayton de Souza Ferreira, Victor Cavalcanti Pardini, Daniel Costa Queiroz, Rafael Marques de Souza, Lucylene Miguita Luiz, Paula Luize Camargos Fonseca, Rennan Garcias Moreira, Nuno Rodrigues Faria, Carolina Moreira Voloch, Renan Pedra de Souza, Renato Santana Aguiar
EPI_ISL_1495166, EPI_ISL_1495167	Klinikum Wels-Grieskirchen	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Petr Triska, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1495201, EPI_ISL_1495202, EPI_ISL_1495240	Public Health Authority of the Slovak Republic	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Petr Triska, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1495723	Elling group, Institute of Molecular Biotechnology (IMBA)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Petr Triska, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1495978, EPI_ISL_1495979	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorrairain A, Gomez M, Cilla G.
EPI_ISL_1497435, EPI_ISL_1497461, EPI_ISL_1497501, EPI_ISL_1497502, EPI_ISL_1497503	National Public Health Organization	National Public Health Organization	Kyriaki Tryfinopoulou et al
EPI_ISL_1498422, EPI_ISL_1498423, EPI_ISL_1498424, EPI_ISL_1498425, EPI_ISL_1498426, EPI_ISL_1498427, EPI_ISL_1498428, EPI_ISL_1498430, EPI_ISL_1498431, EPI_ISL_1498433, EPI_ISL_1498435, EPI_ISL_1498436, EPI_ISL_1498437, EPI_ISL_1498438, EPI_ISL_1498439, EPI_ISL_1498442, EPI_ISL_1498443, EPI_ISL_1498444			
see above	Bionex Lab	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Thibault Ferrandon, Tamir Abdelrahman
EPI_ISL_1498917	Hospital Estadual de Mirandópolis	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1499106	Lafene Health Center	Kansas State Veterinary Diagnostic Laboratory	Tyler Doerksen, Andreea Lu, Lance Noll, Elizabeth Porter, Kasey Hogan, Emily Cox, Jianfa Bai, Jamie Henningson, Rachel Palinski
EPI_ISL_1501015, EPI_ISL_1501016, EPI_ISL_1501017, EPI_ISL_1501018, EPI_ISL_1501019, EPI_ISL_1501020, EPI_ISL_1501021, EPI_ISL_1501022	HEGP - Laboratoire de Virologie	HEGP - Laboratoire de Virologie	David Veyer
EPI_ISL_1503040	Gorgas Memorial Laboratory of Health Studies	Gorgas Memorial Laboratory of Health Studies	Gonzalez Claudia, Leyda Abrego, Moreno Ambar, Oris Chavarria, Jessica Gondola, Marlene Castillo, Ortiz Alma, Castillo Jorge, Moreno Brechla, Franco Danilo, Lopez-Verges Sandra, Martinez Alexander
EPI_ISL_1508957	Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntyche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISODE, Akolé Siliadin, Alassane OULO-MEDEL, Messanh DOUFFAN, Délima MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PETERS
EPI_ISL_1509920	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vlaij, Andraž Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1510342, EPI_ISL_1510343, EPI_ISL_1510344, EPI_ISL_1510345, EPI_ISL_1510346, EPI_ISL_1510354, EPI_ISL_1510355, EPI_ISL_1510364, EPI_ISL_1510365, EPI_ISL_1510366, EPI_ISL_1510367, EPI_ISL_1510373	see above	State Veterinary Institute Prague	Nagy, A.; Jirincova, H.; Suri, T.; Trnka, D.; Vecerova, J
EPI_ISL_1510725	HOSPITAL UNIVERSITARIO DE CANARIAS (GESTION ECONOMICA)	Instituto de Salud Carlos III	Sandonis, V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. CASTRO HERNANDEZ, BEATRIZ
EPI_ISL_1511225	CENTRO MILITAR DE VETERINARIA	Instituto de Salud Carlos III	Sandonis, V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. FERNANDEZ MOREIRA, DANIEL
EPI_ISL_1511572, EPI_ISL_1511573, EPI_ISL_1511574, EPI_ISL_1511575, EPI_ISL_1511576, EPI_ISL_1511577, EPI_ISL_1511578, EPI_ISL_1511583, EPI_ISL_1511584, EPI_ISL_1511585, EPI_ISL_1511586, EPI_ISL_1511587, EPI_ISL_1511588, EPI_ISL_1511592, EPI_ISL_1511593, EPI_ISL_1511594, EPI_ISL_1511595	see above	Hospital of the University of Pennsylvania Molecular Pathology Lab	John Everett, Kyle Rodino, Shantan Reddy, Pascha Hokama, Aoife M. Roche, Young Hwang, Abigail Glascock, Scott Sherrill-Mix, Samantha A. Whiteside, Jevon Graham-Wooten, Layla A. Khatib, Ayannah S. Fitzgerald, Arupa Ganguly, Mike Feldman, Brendan Kelly, Ronald G. Collman and Frederic Bushman
EPI_ISL_1522222	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Frenks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1526913, EPI_ISL_1526915, EPI_ISL_1526917, EPI_ISL_1526919, EPI_ISL_1526921, EPI_ISL_1526922, EPI_ISL_1526923, EPI_ISL_1526924, EPI_ISL_1526926, EPI_ISL_1526927, EPI_ISL_1526948, EPI_ISL_1526949, EPI_ISL_1526950, EPI_ISL_1526951, EPI_ISL_1526952, EPI_ISL_1526953, EPI_ISL_1526954, EPI_ISL_1526955, EPI_ISL_1526956, EPI_ISL_1526957, EPI_ISL_1526958, EPI_ISL_1526959, EPI_ISL_1526960, EPI_ISL_1526961, EPI_ISL_1526962, EPI_ISL_1526963, EPI_ISL_1526964, EPI_ISL_1526967, EPI_ISL_1526968, EPI_ISL_1526973, EPI_ISL_1526979, EPI_ISL_1526985	see above	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1527444	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1528262	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1529099	Global Health Research Complex (GHRC)	Texas A&M Institute for Genomic Sciences and Society (TIGSS)	Benjamin W. Neuman, Melissa M. Kahl-McDonagh, Kurt A. Zuelke, David Threadgill, Allison Ficht, Sankar P. Chaki, Sierra Guidry, Drew Hillhouse, Wesley Brashear

EPI_ISL_1532528, EPI_ISL_1532559, EPI_ISL_1532561, EPI_ISL_1532572, EPI_ISL_1532576	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Eftem S. Lim
EPI_ISL_1533996	Laboratorio Central de Saude Publica do Estado de Santa Catarina (LACEN-SC)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Paixao, Ana Carolina Mendonca, Alice Sampaio Rocha, Renata Serrano Lopes, Darcita Buerger Rovaris, Sandra Bianchini Fernandes, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_1534246	Ladismith (Nissenville) Clinic wc LAF	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Carolyn Williamson
EPI_ISL_1534365	De Rust (Blommenek) Clinic wc DRC	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Emmanuel SJ, Tegally H, de Oliveira T, Carolyn Williamson
EPI_ISL_1534366	Groote Schuur Hospital wc GSH	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Emmanuel SJ, Tegally H, de Oliveira T, Carolyn Williamson
EPI_ISL_1534367	Pacaltsdorp Clinic wc PAC	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Emmanuel SJ, Tegally H, de Oliveira T, Carolyn Williamson
EPI_ISL_1541559, EPI_ISL_1541562, EPI_ISL_1541565, EPI_ISL_1541566, EPI_ISL_1541567, EPI_ISL_1541568, EPI_ISL_1541574, EPI_ISL_1541576, EPI_ISL_1541577, EPI_ISL_1541579, EPI_ISL_1541580, EPI_ISL_1541581, EPI_ISL_1541582, EPI_ISL_1541583, EPI_ISL_1541584			
see above	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Sonia Acharya, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_1547365	Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology	Genomic Research Lab, BCSIR	Iffat Jahan, Md. Murshed Hasan Sarkar, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahasan Habib, Shahina Akter, Tanjina Akhter Banu, Barna Goswami, Md. Saddam Hossain, Mohammad Mohi Uddin, Md. Shamsul Haque Prodhon, Md. Hammadul Hoque, G. M. Nurnabi Azad Jewel, Md. Nazmul Hasan, Md. Fahmid Hossain Bhuiyan, Md. Asraful Jahan, Ajit Ghosh, Md. Akkas Ali, Md. Salim Khan
EPI_ISL_935186, EPI_ISL_942935, EPI_ISL_942938	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_944748	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Son Nguyen et al
EPI_ISL_949815, EPI_ISL_949820, EPI_ISL_949828, EPI_ISL_949869, EPI_ISL_949880, EPI_ISL_949973	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, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_950678, EPI_ISL_950679, EPI_ISL_950680, EPI_ISL_950681, EPI_ISL_950682, EPI_ISL_950683, EPI_ISL_950684, EPI_ISL_950685, EPI_ISL_950687, EPI_ISL_950688	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_953391, EPI_ISL_953397, EPI_ISL_953399, EPI_ISL_953400, EPI_ISL_953401	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_953429, EPI_ISL_953431, EPI_ISL_953432, EPI_ISL_953434, EPI_ISL_953439, EPI_ISL_953440, EPI_ISL_953441, EPI_ISL_953442, EPI_ISL_953443, EPI_ISL_953446, EPI_ISL_953447, EPI_ISL_953448, EPI_ISL_953474, EPI_ISL_953485, EPI_ISL_953486, EPI_ISL_953487, EPI_ISL_953488			
see above	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_954755, EPI_ISL_954756, EPI_ISL_954757, EPI_ISL_954758, EPI_ISL_954759, EPI_ISL_954760, EPI_ISL_954761, EPI_ISL_954763, EPI_ISL_954764, EPI_ISL_954765, EPI_ISL_954766, EPI_ISL_954767, EPI_ISL_954768, EPI_ISL_954769, EPI_ISL_954770, EPI_ISL_954771, EPI_ISL_954772, EPI_ISL_954773, EPI_ISL_954774			
see above	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_955107	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_955221	Indiana Animal Disease Diagnostic Laboratory	Carpi Laboratory - Purdue University	Jack Dorman, Ilinca I Ciubotariu, Lev Gorenstein, Abebe A Fola, G Kenitra Hendrix, Rebecca P Wilkes, Giovanna Carpi
EPI_ISL_955833, EPI_ISL_955836, EPI_ISL_955914, EPI_ISL_955917, EPI_ISL_955926, EPI_ISL_955927, EPI_ISL_955930	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_957073, EPI_ISL_957089, EPI_ISL_957103, EPI_ISL_957115, EPI_ISL_957150, EPI_ISL_957190, EPI_ISL_957194, EPI_ISL_957212, EPI_ISL_957225, EPI_ISL_957263, EPI_ISL_957279, EPI_ISL_957283, EPI_ISL_957287, EPI_ISL_957289, EPI_ISL_957314, EPI_ISL_957334, EPI_ISL_964349, EPI_ISL_964351, EPI_ISL_964352, EPI_ISL_964355, EPI_ISL_964357, EPI_ISL_964358, EPI_ISL_964359, EPI_ISL_964360, EPI_ISL_964362, EPI_ISL_964366, EPI_ISL_964368, EPI_ISL_964369, EPI_ISL_964371, EPI_ISL_964380, EPI_ISL_964382, EPI_ISL_964384, EPI_ISL_964387, EPI_ISL_964388, EPI_ISL_964396, EPI_ISL_964397, EPI_ISL_964401, EPI_ISL_964407, EPI_ISL_964408, EPI_ISL_964409, EPI_ISL_964413, EPI_ISL_964415, EPI_ISL_964416, EPI_ISL_964417, EPI_ISL_964422, EPI_ISL_964424, EPI_ISL_964425, EPI_ISL_964427, EPI_ISL_964430, EPI_ISL_964433, EPI_ISL_964437, EPI_ISL_964440, EPI_ISL_964441, EPI_ISL_964442, EPI_ISL_964452, EPI_ISL_964456, EPI_ISL_964457, EPI_ISL_964458, EPI_ISL_964468, EPI_ISL_964469, EPI_ISL_964471, EPI_ISL_964472, EPI_ISL_964473, EPI_ISL_964476, EPI_ISL_964482, EPI_ISL_964483, EPI_ISL_964484, EPI_ISL_964488, EPI_ISL_964489, EPI_ISL_964493, EPI_ISL_964494, EPI_ISL_964500, EPI_ISL_964501, EPI_ISL_964503, EPI_ISL_964504, EPI_ISL_964508, EPI_ISL_964509, EPI_ISL_964511, EPI_ISL_964516, EPI_ISL_964518, EPI_ISL_964520, EPI_ISL_964521, EPI_ISL_964523, EPI_ISL_964527, EPI_ISL_964532, EPI_ISL_964533, EPI_ISL_964537, EPI_ISL_964540, EPI_ISL_964541			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_965031	Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Piras Giovanna, Asproni Rosanna, Malune Paolo, Fiamma Maura, Monne Maria Itria, Palmas Angelo Domenico, Lo Maglio Iana, Mamei Giuseppe
EPI_ISL_965276	OSP CIV ATRI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_965864, EPI_ISL_965871, EPI_ISL_965880	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_966310, EPI_ISL_966313	Baylor Scott & White - Temple	Baylor Scott & White - Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_966334, EPI_ISL_966335, EPI_ISL_966336, EPI_ISL_966337, EPI_ISL_966339, EPI_ISL_966340, EPI_ISL_966341, EPI_ISL_966342, EPI_ISL_966343, EPI_ISL_966344, EPI_ISL_966345			
see above	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_966402	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966797, EPI_ISL_966798, EPI_ISL_966799, EPI_ISL_966800, EPI_ISL_966801, EPI_ISL_966802	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_969455	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_970812, EPI_ISL_970819, EPI_ISL_970820, EPI_ISL_970824, EPI_ISL_970830, EPI_ISL_970832, EPI_ISL_970837, EPI_ISL_970844, EPI_ISL_970850, EPI_ISL_970859, EPI_ISL_970862, EPI_ISL_970863, EPI_ISL_970882, EPI_ISL_970885, EPI_ISL_970886, EPI_ISL_970895, EPI_ISL_970905, EPI_ISL_970908, EPI_ISL_970910, EPI_ISL_970927, EPI_ISL_970928, EPI_ISL_970929, EPI_ISL_970932, EPI_ISL_970939, EPI_ISL_970943, EPI_ISL_970946, EPI_ISL_970949, EPI_ISL_970952, EPI_ISL_970953, EPI_ISL_970960, EPI_ISL_970969, EPI_ISL_970973, EPI_ISL_970975, EPI_ISL_970976, EPI_ISL_970980, EPI_ISL_970989,			

EPI_ISL_970990, EPI_ISL_970994, EPI_ISL_970996, EPI_ISL_970999, EPI_ISL_971000, EPI_ISL_971004, EPI_ISL_971009, EPI_ISL_971014, EPI_ISL_971021, EPI_ISL_971022, EPI_ISL_971032, EPI_ISL_971033, EPI_ISL_971035, EPI_ISL_971081, EPI_ISL_971092, EPI_ISL_971100, EPI_ISL_971112, EPI_ISL_971115, EPI_ISL_971124, EPI_ISL_971148, EPI_ISL_971158, EPI_ISL_971163, EPI_ISL_971166, EPI_ISL_971184, EPI_ISL_971188, EPI_ISL_971193, EPI_ISL_971198, EPI_ISL_971214, EPI_ISL_971220, EPI_ISL_971229, EPI_ISL_971232, EPI_ISL_971241, EPI_ISL_971250, EPI_ISL_971290, EPI_ISL_971293, EPI_ISL_971306, EPI_ISL_971315, EPI_ISL_971326, EPI_ISL_971335, EPI_ISL_971353, EPI_ISL_971355, EPI_ISL_971361, EPI_ISL_971375, EPI_ISL_971418, EPI_ISL_971431, EPI_ISL_971437, EPI_ISL_971439, EPI_ISL_971461, EPI_ISL_971467, EPI_ISL_971470, EPI_ISL_971485, EPI_ISL_971494, EPI_ISL_971496, EPI_ISL_971497, EPI_ISL_971500, EPI_ISL_971503, EPI_ISL_971504, EPI_ISL_971508, EPI_ISL_971509, EPI_ISL_971513, EPI_ISL_971516, EPI_ISL_971529, 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EPI_ISL_979964, EPI_ISL_979965, EPI_ISL_979966		National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Leontina Banica, Marius Surleac, Corina Casangiu, Petre Milu, Andreea Tudor, Simona Paraschiv, Dan Otelea
EPI_ISL_981155, EPI_ISL_981156, EPI_ISL_981174, EPI_ISL_981183		Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hual Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_981401, EPI_ISL_981402, EPI_ISL_981403, EPI_ISL_981405, EPI_ISL_981409, EPI_ISL_981410, EPI_ISL_981411, EPI_ISL_981413, EPI_ISL_981414, EPI_ISL_981415, EPI_ISL_981416, EPI_ISL_981417, EPI_ISL_981418, EPI_ISL_981419, EPI_ISL_981420, EPI_ISL_981421, EPI_ISL_981422, EPI_ISL_981423, EPI_ISL_981424, EPI_ISL_981426, EPI_ISL_981427, EPI_ISL_981429, EPI_ISL_981430, EPI_ISL_981431, EPI_ISL_981433, EPI_ISL_981434, EPI_ISL_981437, EPI_ISL_981438, EPI_ISL_981441, EPI_ISL_981442, EPI_ISL_981444, EPI_ISL_981445, EPI_ISL_981446, EPI_ISL_981449, EPI_ISL_981450, EPI_ISL_981490, EPI_ISL_981491, EPI_ISL_981493, EPI_ISL_981494, EPI_ISL_981495	see above	Groupe LCD	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981497		LABM BIOLAM CLINIQUE ESTREE	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981498, EPI_ISL_981499, EPI_ISL_981500, EPI_ISL_981501, EPI_ISL_981502, EPI_ISL_981503, EPI_ISL_981504, EPI_ISL_981506, EPI_ISL_981508, EPI_ISL_981509, EPI_ISL_981510, EPI_ISL_981511, EPI_ISL_981512, EPI_ISL_981513, EPI_ISL_981517, EPI_ISL_981519, EPI_ISL_981525, EPI_ISL_981526, EPI_ISL_981527, EPI_ISL_981528, EPI_ISL_981529, EPI_ISL_981530, EPI_ISL_981531	see above	Groupe LCD	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981559, EPI_ISL_981598, EPI_ISL_981599, EPI_ISL_981600, EPI_ISL_981601, EPI_ISL_981602, EPI_ISL_981603, EPI_ISL_981604, EPI_ISL_981605, EPI_ISL_981606, EPI_ISL_981684, EPI_ISL_981696, EPI_ISL_981697, EPI_ISL_981698, EPI_ISL_981699, EPI_ISL_981790, EPI_ISL_981791, EPI_ISL_981792, EPI_ISL_981793, EPI_ISL_981794, EPI_ISL_981795, EPI_ISL_981796, EPI_ISL_981797, EPI_ISL_981798, EPI_ISL_981799, EPI_ISL_981801, EPI_ISL_981833, EPI_ISL_981834, EPI_ISL_981849	see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_982140, EPI_ISL_982141		Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982145		Groupe LCD	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982148, EPI_ISL_982223, EPI_ISL_982224, EPI_ISL_982225		Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982873, EPI_ISL_982874, EPI_ISL_982875, EPI_ISL_982888, EPI_ISL_982901, EPI_ISL_982913, EPI_ISL_982914, EPI_ISL_982915, EPI_ISL_982916, EPI_ISL_982917, EPI_ISL_982918	see above	MEPHI Aix Marseille University (AMU)	MEPHI Aix Marseille University (AMU)	Anthony LEVASSEUR
EPI_ISL_983645, EPI_ISL_983646		University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_983653, EPI_ISL_983654, EPI_ISL_983655, EPI_ISL_983656		Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_983723, EPI_ISL_983724, EPI_ISL_983740, EPI_ISL_983741		Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_983863, EPI_ISL_983865, EPI_ISL_983867		Central Laboratory of Public Health of Rio Grande do Sul (Lacen-RS)	State Center for Health Surveillance of the Health Department of the State of Rio Grande do Sul (CEVS/SES-RS)	Aline Campos, Cynthia Molina, Lara Crescente, Leticia Garay, Ludmila Fiorenzano Baethgen, Richard Salvato, Tatiana Gregianini
EPI_ISL_984184, EPI_ISL_984185, EPI_ISL_984187, EPI_ISL_984231, EPI_ISL_984232, EPI_ISL_984233, EPI_ISL_984234, EPI_ISL_984235, EPI_ISL_984238		Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_984290, EPI_ISL_984617		Algemeen Medisch Laboratorium	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_985332, EPI_ISL_985336, EPI_ISL_985337, EPI_ISL_985338		Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emeleie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman

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EPI_ISL_988447	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988448, EPI_ISL_988449	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988450	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988452, EPI_ISL_988453	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988454, EPI_ISL_988455, EPI_ISL_988458	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988459, EPI_ISL_988460	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988462	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988463	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988464	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988468	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988470, EPI_ISL_988471, EPI_ISL_988473, EPI_ISL_988476, EPI_ISL_988479	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988480, EPI_ISL_988496, EPI_ISL_988506, EPI_ISL_988511, EPI_ISL_988521, EPI_ISL_988525, EPI_ISL_988530, EPI_ISL_988533, EPI_ISL_988561, EPI_ISL_988575, EPI_ISL_988625, EPI_ISL_988627, EPI_ISL_988633, EPI_ISL_988634, EPI_ISL_988664	see above	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988727, EPI_ISL_988742, EPI_ISL_988769, EPI_ISL_988800, EPI_ISL_988828, EPI_ISL_988834, EPI_ISL_988899, EPI_ISL_988908, EPI_ISL_988912	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_988956, EPI_ISL_988959, EPI_ISL_988966, EPI_ISL_988968, EPI_ISL_988987, EPI_ISL_989017	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_989530, EPI_ISL_989531, EPI_ISL_989532, EPI_ISL_989533, EPI_ISL_989535, EPI_ISL_989536, EPI_ISL_989537, EPI_ISL_989539, EPI_ISL_989540, EPI_ISL_989542, EPI_ISL_989543, EPI_ISL_989545, EPI_ISL_989546, EPI_ISL_989547, EPI_ISL_989548, EPI_ISL_989549, EPI_ISL_989551, EPI_ISL_989552, EPI_ISL_989554, EPI_ISL_989555, EPI_ISL_989556, EPI_ISL_989558, EPI_ISL_989559, EPI_ISL_989560, EPI_ISL_989561, EPI_ISL_989562, EPI_ISL_989563, EPI_ISL_989564, EPI_ISL_989565, EPI_ISL_989566, EPI_ISL_989567, EPI_ISL_989568, EPI_ISL_989569, EPI_ISL_989571, EPI_ISL_989572, EPI_ISL_989573, EPI_ISL_989574, EPI_ISL_989575, EPI_ISL_989576, EPI_ISL_989577, EPI_ISL_989578, EPI_ISL_989579, EPI_ISL_989580, EPI_ISL_989581, EPI_ISL_989583, EPI_ISL_989585, EPI_ISL_989586, EPI_ISL_989587, EPI_ISL_989589, EPI_ISL_989590, EPI_ISL_989592, EPI_ISL_989594, EPI_ISL_989595, EPI_ISL_989597, EPI_ISL_989600, EPI_ISL_989601, EPI_ISL_989603, EPI_ISL_989605, EPI_ISL_989606, EPI_ISL_989607, EPI_ISL_989608, EPI_ISL_989609, EPI_ISL_989610, EPI_ISL_989611, EPI_ISL_989612, EPI_ISL_989613, EPI_ISL_989614, EPI_ISL_989615, EPI_ISL_989616, EPI_ISL_989617, EPI_ISL_989618, EPI_ISL_989619, EPI_ISL_989620, EPI_ISL_989621, EPI_ISL_989622, EPI_ISL_989624, EPI_ISL_989625, EPI_ISL_989626, EPI_ISL_989627, EPI_ISL_989628, EPI_ISL_989630, EPI_ISL_989632, EPI_ISL_989633, EPI_ISL_989635, EPI_ISL_989637, EPI_ISL_989638, EPI_ISL_989639, EPI_ISL_989640, EPI_ISL_989641, EPI_ISL_989642, EPI_ISL_989643, EPI_ISL_989644, EPI_ISL_989645, EPI_ISL_989646, EPI_ISL_989647, EPI_ISL_989648, EPI_ISL_989649, EPI_ISL_989650, EPI_ISL_989651, EPI_ISL_989652, EPI_ISL_989653, EPI_ISL_989655, EPI_ISL_989657, EPI_ISL_989658, EPI_ISL_989659, EPI_ISL_989660, EPI_ISL_989661, EPI_ISL_989662, EPI_ISL_989663, EPI_ISL_989664, EPI_ISL_989666, EPI_ISL_989667, EPI_ISL_989668, EPI_ISL_989670, EPI_ISL_989671, EPI_ISL_989672, EPI_ISL_989673, EPI_ISL_989674, EPI_ISL_989675, EPI_ISL_989676, EPI_ISL_989678, EPI_ISL_989679, EPI_ISL_989680, EPI_ISL_989681, EPI_ISL_989682, EPI_ISL_989683, EPI_ISL_989684, EPI_ISL_989685, EPI_ISL_989686, EPI_ISL_989687, EPI_ISL_989689, EPI_ISL_989690, EPI_ISL_989691, EPI_ISL_989692, EPI_ISL_989693, EPI_ISL_989694, EPI_ISL_989795, EPI_ISL_989798, EPI_ISL_989799, EPI_ISL_989804, EPI_ISL_989805, EPI_ISL_989806, EPI_ISL_989807, EPI_ISL_989815, EPI_ISL_989817, EPI_ISL_989818, EPI_ISL_989819, EPI_ISL_989820, EPI_ISL_989821, EPI_ISL_989822, EPI_ISL_989824, EPI_ISL_989826	see above	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_995569, EPI_ISL_995570, EPI_ISL_995571, EPI_ISL_995572, EPI_ISL_995573, EPI_ISL_995574, EPI_ISL_995575, EPI_ISL_995576, EPI_ISL_995577, EPI_ISL_995578, EPI_ISL_995579, EPI_ISL_995580, EPI_ISL_995581, EPI_ISL_995582, EPI_ISL_995583, EPI_ISL_995584, EPI_ISL_995585, EPI_ISL_995587, EPI_ISL_995588, EPI_ISL_995589, EPI_ISL_995590, EPI_ISL_995591, EPI_ISL_995592, EPI_ISL_995593, EPI_ISL_995594, EPI_ISL_995595, EPI_ISL_995596, EPI_ISL_995597, EPI_ISL_995598, EPI_ISL_995599, EPI_ISL_995600, EPI_ISL_995612, EPI_ISL_995613, EPI_ISL_995682	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_996421	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology, University of Birmingham: Claire McMurray, Joanne Stockton, Samuel Nicholls, Radoslaw Poplawski, Will Rowe, Josh Quick, Nicholas Loman, University of Birmingham Testing Laboratory: Celina M Whalley, Andrew Bosworth, Charlotte Poxon, Kasun Wanigasooriya, Oliver Pickles, Mike Kidd, Alex Richter, Andrew D Beggs PHE Heartlands Lab: Husam Osman, Andrew Bosworth. Queen Elizabeth Hospital: Anna Casey
EPI_ISL_996638, EPI_ISL_996639, EPI_ISL_996640, EPI_ISL_996641, EPI_ISL_996642, EPI_ISL_996643, EPI_ISL_996647, EPI_ISL_996648, EPI_ISL_996649, EPI_ISL_996650, EPI_ISL_996651, EPI_ISL_996655, EPI_ISL_996658, EPI_ISL_996660, EPI_ISL_996661, EPI_ISL_996662, EPI_ISL_996663, EPI_ISL_996665, EPI_ISL_996666, EPI_ISL_996667, EPI_ISL_996670	see above	Department of Pathology, University of Cambridge	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_997064	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, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_997454, EPI_ISL_997461, EPI_ISL_997512, EPI_ISL_997514, EPI_ISL_997517, EPI_ISL_997524,	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson,

EPI_ISL_997557			Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead	
EPI_ISL_997704, EPI_ISL_997837, EPI_ISL_997878, EPI_ISL_997927, EPI_ISL_997930, EPI_ISL_997933, EPI_ISL_997935, EPI_ISL_997952	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, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer	
EPI_ISL_998577, EPI_ISL_998578	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,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham	
EPI_ISL_998778, EPI_ISL_998789, EPI_ISL_998791, EPI_ISL_998800, EPI_ISL_998851, EPI_ISL_998873	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady	
EPI_ISL_999517, EPI_ISL_999523, EPI_ISL_999525, EPI_ISL_999526, EPI_ISL_999528, EPI_ISL_999529, EPI_ISL_999531, EPI_ISL_999532, EPI_ISL_999533, EPI_ISL_999534, EPI_ISL_999537, EPI_ISL_999538, EPI_ISL_999541, EPI_ISL_999542, EPI_ISL_999543, EPI_ISL_999544, EPI_ISL_999545, EPI_ISL_999547, EPI_ISL_999548, EPI_ISL_999549, EPI_ISL_999550, EPI_ISL_999553, EPI_ISL_999554, EPI_ISL_999556, EPI_ISL_999557, EPI_ISL_999559, EPI_ISL_999560, EPI_ISL_999562, EPI_ISL_999563, EPI_ISL_999571, EPI_ISL_999572, EPI_ISL_999574, EPI_ISL_999575, EPI_ISL_999576, EPI_ISL_999577, EPI_ISL_999578, EPI_ISL_999581, EPI_ISL_999585, EPI_ISL_999586, EPI_ISL_999595, EPI_ISL_999596, EPI_ISL_999597, EPI_ISL_999598, EPI_ISL_999599, EPI_ISL_999601, EPI_ISL_999602, EPI_ISL_999603, EPI_ISL_999605, EPI_ISL_999606, EPI_ISL_999607, EPI_ISL_999608, EPI_ISL_999611, EPI_ISL_999612, EPI_ISL_999613, EPI_ISL_999614, EPI_ISL_999615, EPI_ISL_999616, EPI_ISL_999620, EPI_ISL_999621, EPI_ISL_999622, EPI_ISL_999625, EPI_ISL_999626, EPI_ISL_999627, EPI_ISL_999628, EPI_ISL_999633, EPI_ISL_999648, EPI_ISL_999651, EPI_ISL_999657, EPI_ISL_999658, EPI_ISL_999771, EPI_ISL_999773, EPI_ISL_999777, EPI_ISL_999779, EPI_ISL_999784, EPI_ISL_999785, EPI_ISL_999786, EPI_ISL_999798, EPI_ISL_999799, EPI_ISL_999800, EPI_ISL_999801, EPI_ISL_999833, EPI_ISL_999858, EPI_ISL_999870, EPI_ISL_999878, EPI_ISL_999879, EPI_ISL_999881, EPI_ISL_999886, EPI_ISL_999891, EPI_ISL_999892, EPI_ISL_999894	see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_999947, EPI_ISL_999970	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor	