

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_1000000, EPI_ISL_1000010, EPI_ISL_1000011, EPI_ISL_1000025, EPI_ISL_1000028, EPI_ISL_1000039, EPI_ISL_1000043, EPI_ISL_1000049, EPI_ISL_1000051, EPI_ISL_1000057, EPI_ISL_1000064, EPI_ISL_1000066, EPI_ISL_1000080, EPI_ISL_1000092, EPI_ISL_1000094, EPI_ISL_1000095, EPI_ISL_1000102, EPI_ISL_1000140, EPI_ISL_1000142, EPI_ISL_1000143, EPI_ISL_1000144, EPI_ISL_1000152, EPI_ISL_1000153, EPI_ISL_1000155, EPI_ISL_1000156, EPI_ISL_1000159, EPI_ISL_1000160, EPI_ISL_1000164, EPI_ISL_1000165, EPI_ISL_1000167, EPI_ISL_1000171, EPI_ISL_1000173, EPI_ISL_1000174, EPI_ISL_1000179, EPI_ISL_1000184, EPI_ISL_1000185			
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EPI_ISL_1002346, EPI_ISL_1004029, EPI_ISL_1004030, EPI_ISL_1004031	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
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EPI_ISL_1004038, EPI_ISL_1004039, EPI_ISL_1004040, EPI_ISL_1004041, EPI_ISL_1004042, EPI_ISL_1004043, EPI_ISL_1004044, EPI_ISL_1004045, EPI_ISL_1004046, EPI_ISL_1004047, EPI_ISL_1004048, EPI_ISL_1004049, EPI_ISL_1004050, EPI_ISL_1004051, EPI_ISL_1004052, EPI_ISL_1004053, EPI_ISL_1004054, EPI_ISL_1004055, EPI_ISL_1004056, EPI_ISL_1004057, EPI_ISL_1004058, EPI_ISL_1004059, EPI_ISL_1004060, EPI_ISL_1004061			
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EPI_ISL_1004064, EPI_ISL_1004065, EPI_ISL_1004066, EPI_ISL_1004067, EPI_ISL_1004068, EPI_ISL_1004069	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	
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EPI_ISL_1004071, EPI_ISL_1004072, EPI_ISL_1004073, EPI_ISL_1004074, EPI_ISL_1004075, EPI_ISL_1004076, EPI_ISL_1004077, EPI_ISL_1004078, EPI_ISL_1004079, EPI_ISL_1004080, EPI_ISL_1004081, EPI_ISL_1004082, EPI_ISL_1004083, EPI_ISL_1004084, EPI_ISL_1004085, EPI_ISL_1004086, EPI_ISL_1004087, EPI_ISL_1004088, EPI_ISL_1004089, EPI_ISL_1004090, EPI_ISL_1004091, EPI_ISL_1004092	see above	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	
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EPI_ISL_1004097, EPI_ISL_1004098	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	
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EPI_ISL_1004100, EPI_ISL_1004101, EPI_ISL_1004102, EPI_ISL_1004103, EPI_ISL_1004104, EPI_ISL_1004105	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_1004106	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_1005485	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1005549, EPI_ISL_1005550, EPI_ISL_1005551, EPI_ISL_1005552, EPI_ISL_1005553	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1005963, EPI_ISL_1006022, EPI_ISL_1006036, EPI_ISL_1006085, EPI_ISL_1006099, EPI_ISL_1006127, EPI_ISL_1006147, EPI_ISL_1006544, EPI_ISL_1006555, EPI_ISL_1006560, EPI_ISL_1006573, EPI_ISL_1006584, EPI_ISL_1006586, EPI_ISL_1006589, EPI_ISL_1006590, EPI_ISL_1006604, EPI_ISL_1006605, EPI_ISL_1006607, EPI_ISL_1006616, EPI_ISL_1006621, EPI_ISL_1006648, EPI_ISL_1006649, EPI_ISL_1006651, EPI_ISL_1006667, EPI_ISL_1006676, EPI_ISL_1006680, EPI_ISL_1006710, EPI_ISL_1006712, EPI_ISL_1006782, EPI_ISL_1006808, EPI_ISL_1006828, EPI_ISL_1006852, EPI_ISL_1007016, EPI_ISL_1007046, EPI_ISL_1007048, EPI_ISL_1007075, EPI_ISL_1007118, EPI_ISL_1007123	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
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EPI_ISL_1007947, EPI_ISL_1007950, EPI_ISL_1007968, EPI_ISL_1007969, EPI_ISL_1007972, EPI_ISL_1007979, EPI_ISL_1007980, EPI_ISL_1007982	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykalski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszaków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba	
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EPI_ISL_1008599, EPI_ISL_1008600	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_1008666, EPI_ISL_1008667	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_1008669, EPI_ISL_1008670	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_1008706	Ospedale Santissima Annunziata	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.	
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EPI_ISL_1009637, EPI_ISL_1009638, EPI_ISL_1009645, EPI_ISL_1009650, EPI_ISL_1009651	DPHL	Delaware Public Health Lab	Gregory Hovan	
EPI_ISL_1009666, EPI_ISL_1009668	Auburn Sports Medicine	Synergy Laboratories	Megan Cornwell	
EPI_ISL_1009755, EPI_ISL_1009769	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole	
EPI_ISL_1009800, EPI_ISL_1009801, EPI_ISL_1009806, EPI_ISL_1009811, EPI_ISL_1009826	Curative Labs, Inc.	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
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EPI_ISL_1011697, EPI_ISL_1011703	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_1012412, EPI_ISL_1012432, EPI_ISL_1012548	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_1012565, EPI_ISL_1012672, EPI_ISL_1012673, EPI_ISL_1012674, EPI_ISL_1012677, EPI_ISL_1012678, EPI_ISL_1012679, EPI_ISL_1012680, EPI_ISL_1012682, EPI_ISL_1012683, EPI_ISL_1012685, EPI_ISL_1012687, EPI_ISL_1012688, EPI_ISL_1012689, EPI_ISL_1012692, EPI_ISL_1012693, EPI_ISL_1012694	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
see above	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_1012902, EPI_ISL_1012904, EPI_ISL_1012905, EPI_ISL_1012906, EPI_ISL_1012907, EPI_ISL_1012908, EPI_ISL_1012909, EPI_ISL_1012910, EPI_ISL_1012911, EPI_ISL_1012912, EPI_ISL_1012913, EPI_ISL_1012914, EPI_ISL_1012916, EPI_ISL_1012917	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Elie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
see above	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Elie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1012945, EPI_ISL_1012954, EPI_ISL_1013002	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 Parets, 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_1013210	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_1013219, EPI_ISL_1013221	Laboratoire de Microbiologie	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,Martres Pascale
EPI_ISL_1013222	Service Biologie	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,Marque Juliet StéPhanie
EPI_ISL_1013413, EPI_ISL_1013414	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,Pilorge LéA
EPI_ISL_1013416	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,Leruez-Ville Marianne
EPI_ISL_1013469	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013476	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_1013479	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
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EPI_ISL_1017857, EPI_ISL_1017858, EPI_ISL_1017867			
EPI_ISL_1017989	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1018057	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D. and Song,X.
EPI_ISL_1020327	Department of Infectious Diseases and Immunology, National Hospital Organization Nagoya Medical Center	Clinical Research Center, National Hospital Organization Nagoya Medical Center	Yoshihiro Nakata, Hirotaka Ode, Mai Kubota, Masakazu Matsuda, Kazuhiro Matsuoka, Miho Nakasuji, Mikiko Mori, Mayumi Imahashi, Yoshiyuki Yokomaku, Yasumasa Iwatani
EPI_ISL_1020349, EPI_ISL_1020353, EPI_ISL_1020363, EPI_ISL_1020364, EPI_ISL_1020365, EPI_ISL_1020366, EPI_ISL_1020372, EPI_ISL_1020392, EPI_ISL_1020406, EPI_ISL_1020407	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1020560, EPI_ISL_1020575, EPI_ISL_1020576, EPI_ISL_1020585, EPI_ISL_1020586, EPI_ISL_1020590	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 Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1034274	Provincial Sanitary and Epidemiological Inspection in Gdask	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Natalia Mazur-Panasiuk, Krzysztof Pyr, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1034748	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Ferrante Rossella, Mandatori Domitilla, De Fabritiis Simone, Damiani Verena, Anaclerio Federico
EPI_ISL_1034927, EPI_ISL_1034928, EPI_ISL_1034991, EPI_ISL_1035011, EPI_ISL_1035012, EPI_ISL_1035014, EPI_ISL_1035015, EPI_ISL_1035051, EPI_ISL_1035052, EPI_ISL_1035065, EPI_ISL_1035071, EPI_ISL_1035102, EPI_ISL_1035105, EPI_ISL_1035107, EPI_ISL_1035109, EPI_ISL_1035116, EPI_ISL_1035117, EPI_ISL_1035123, EPI_ISL_1035124, EPI_ISL_1035125, EPI_ISL_1035134, EPI_ISL_1035140, EPI_ISL_1035161, EPI_ISL_1035184, EPI_ISL_1035193, EPI_ISL_1035194, EPI_ISL_1035206, EPI_ISL_1035234, EPI_ISL_1035256, EPI_ISL_1035260, EPI_ISL_1035274, EPI_ISL_1035275, EPI_ISL_1035279, EPI_ISL_1035280, EPI_ISL_1035566, EPI_ISL_1035567, EPI_ISL_1035568, EPI_ISL_1035570, EPI_ISL_1035571, EPI_ISL_1035572, EPI_ISL_1035627, EPI_ISL_1035628, EPI_ISL_1035667, EPI_ISL_1035709, EPI_ISL_1035714, EPI_ISL_1035715, EPI_ISL_1035717, EPI_ISL_1035718, EPI_ISL_1035732, EPI_ISL_1035733, EPI_ISL_1035734, EPI_ISL_1035735, EPI_ISL_1035736, EPI_ISL_1035737, EPI_ISL_1035752			
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_1035960	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,Le Vicky
EPI_ISL_1036230, EPI_ISL_1036232	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_1036308, EPI_ISL_1036314, EPI_ISL_1036315	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_1036376, EPI_ISL_1036386, EPI_ISL_1036387, EPI_ISL_1036388, EPI_ISL_1036389, EPI_ISL_1036390	hopital Centre de Biologie humaine CHU Amiens	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,Castelain Sandrine
EPI_ISL_1036403, EPI_ISL_1036404	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,Le Vicky
EPI_ISL_1036410, EPI_ISL_1036411, EPI_ISL_1036412, EPI_ISL_1036413, EPI_ISL_1036417, EPI_ISL_1036418, EPI_ISL_1036419, EPI_ISL_1036421, EPI_ISL_1036422	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_1036429, EPI_ISL_1036430	Hopital Laboratoire de Virologie	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_1036585	TGen North	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1038283, EPI_ISL_1038291, EPI_ISL_1038295, EPI_ISL_1038306, EPI_ISL_1038407, EPI_ISL_1038408, EPI_ISL_1038409, EPI_ISL_1038410, EPI_ISL_1038411, EPI_ISL_1038412, EPI_ISL_1038413, EPI_ISL_1038420, EPI_ISL_1038421, EPI_ISL_1038423, EPI_ISL_1038425, EPI_ISL_1038426, EPI_ISL_1038427, EPI_ISL_1038428, EPI_ISL_1038429, EPI_ISL_1038430, EPI_ISL_1038431, EPI_ISL_1038432, EPI_ISL_1038460, EPI_ISL_1038464, EPI_ISL_1038483, EPI_ISL_1038484, EPI_ISL_1038520, EPI_ISL_1038523, EPI_ISL_1038524, EPI_ISL_1038525, EPI_ISL_1038527, EPI_ISL_1038528, EPI_ISL_1038529, EPI_ISL_1038643, EPI_ISL_1038646, EPI_ISL_1038647, EPI_ISL_1038648, EPI_ISL_1038649, EPI_ISL_1038650, EPI_ISL_1038652, EPI_ISL_1038656, EPI_ISL_1038657, EPI_ISL_1038658, EPI_ISL_1038659, EPI_ISL_1038665, EPI_ISL_1038667, EPI_ISL_1038669, EPI_ISL_1038670, EPI_ISL_1038671, EPI_ISL_1038672, EPI_ISL_1038681, EPI_ISL_1038690, EPI_ISL_1038691, EPI_ISL_1038692, EPI_ISL_1038693, EPI_ISL_1038743, EPI_ISL_1038778, EPI_ISL_1038779, EPI_ISL_1038784, EPI_ISL_1038785, EPI_ISL_1038787, EPI_ISL_1038788, EPI_ISL_1038789, EPI_ISL_1038790			
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EPI_ISL_1038897, EPI_ISL_1038898	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_1039736	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1039752, EPI_ISL_1039753, EPI_ISL_1039763, EPI_ISL_1039764, EPI_ISL_1039765, EPI_ISL_1039766, EPI_ISL_1039767, EPI_ISL_1039768, EPI_ISL_1039769	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_1039891, EPI_ISL_1039894, EPI_ISL_1039897	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_1040001, EPI_ISL_1040010	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1040448, EPI_ISL_1040450	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_1040489, EPI_ISL_1040492, EPI_ISL_1040514, EPI_ISL_1040519, EPI_ISL_1040520, EPI_ISL_1040521, EPI_ISL_1040522, EPI_ISL_1040523	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Sébastien Bontems, Fabrice Bureau, Laurent Gillet, Wouter Coppieters, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1040634, EPI_ISL_1040635, EPI_ISL_1040636	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A,Peñaloza-Figueroa F, Alcaraz-Millman M,Herrera-Montalvo LA
EPI_ISL_1040898, EPI_ISL_1040909, EPI_ISL_1040910	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_1041209	Hungarian Defence Forces Military Medical Centre	National Laboratory of Virology, Szentágotthai Research Centre	Endre Gábor Tóth, Balázs Somogyi, Ágnes Balázs-Nagy, Csaba Pereszlényi,Ferenc Jakab, Gábor Kemenesi
EPI_ISL_1042004, EPI_ISL_1042006, EPI_ISL_1042009, EPI_ISL_1042010, EPI_ISL_1042012, EPI_ISL_1042013, EPI_ISL_1042015, EPI_ISL_1042021, EPI_ISL_1042025, EPI_ISL_1042027, EPI_ISL_1042029, EPI_ISL_1042032, EPI_ISL_1042034, EPI_ISL_1042038, EPI_ISL_1042039, EPI_ISL_1042041, EPI_ISL_1042044,			

EPI_ISL_1042054, EPI_ISL_1042055, EPI_ISL_1042063, EPI_ISL_1042068, EPI_ISL_1042070, EPI_ISL_1042072, EPI_ISL_1042078, EPI_ISL_1042083, EPI_ISL_1042086, EPI_ISL_1042087, EPI_ISL_1042090, EPI_ISL_1042093, EPI_ISL_1042099, EPI_ISL_1042104, EPI_ISL_1042105, EPI_ISL_1042107, EPI_ISL_1042110, EPI_ISL_1042111, EPI_ISL_1042114, EPI_ISL_1042116, EPI_ISL_1042118, EPI_ISL_1042119, EPI_ISL_1042121, EPI_ISL_1042124, EPI_ISL_1042125, EPI_ISL_1042127, EPI_ISL_1042128, EPI_ISL_1042131, EPI_ISL_1042132, EPI_ISL_1042136, EPI_ISL_1042137, EPI_ISL_1042138, EPI_ISL_1042139, EPI_ISL_1042144, EPI_ISL_1042145, EPI_ISL_1042146, EPI_ISL_1042148, EPI_ISL_1042151, EPI_ISL_1042154, EPI_ISL_1042155, EPI_ISL_1042156, EPI_ISL_1042159, EPI_ISL_1042166, EPI_ISL_1042170, EPI_ISL_1042171, EPI_ISL_1042178, EPI_ISL_1042180, EPI_ISL_1042183, EPI_ISL_1042185, EPI_ISL_1042186, EPI_ISL_1042188, EPI_ISL_1042195, EPI_ISL_1042197, EPI_ISL_1042198, EPI_ISL_1042199, EPI_ISL_1042200, EPI_ISL_1042201, EPI_ISL_1042203, 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EPI_ISL_1045861, EPI_ISL_1045863, EPI_ISL_1045864, EPI_ISL_1045867, EPI_ISL_1045868, EPI_ISL_1045871, EPI_ISL_1046116	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. 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EPI_ISL_1046777	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, Takahiro Maeki, Motohiko Ogawa, Chang-Kweng Lim, Makoto Kuroda	
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EPI_ISL_1046797, EPI_ISL_1046800, EPI_ISL_1046801, EPI_ISL_1046802, EPI_ISL_1046803, EPI_ISL_1046812, EPI_ISL_1046813, EPI_ISL_1046814, EPI_ISL_1046818, EPI_ISL_1046824, EPI_ISL_1046826, EPI_ISL_1046835, EPI_ISL_1046836, EPI_ISL_1046838, EPI_ISL_1046842, EPI_ISL_1046846, EPI_ISL_1046848, EPI_ISL_1046849, EPI_ISL_1046854, EPI_ISL_1046855, EPI_ISL_1046860, EPI_ISL_1046863, EPI_ISL_1046865, EPI_ISL_1046867, EPI_ISL_1046869, EPI_ISL_1046870, EPI_ISL_1046872, EPI_ISL_1046875, EPI_ISL_1046880, EPI_ISL_1046881, EPI_ISL_1046882, EPI_ISL_1046883, EPI_ISL_1046884	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_1047047	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_1047070, EPI_ISL_1047091	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_1047835	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_1047874, EPI_ISL_1047875, EPI_ISL_1047876	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_1048044	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_1048053, EPI_ISL_1048077, EPI_ISL_1048081	Barts Health NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	CUTINO-MOGUEL, Maria-Teresa; HARRINGTON, David; WOYEMI, Dola; KULASEGARAN-SHYLINI, Raghavendran; BROAD, Claire; KELE, Beatrix	
EPI_ISL_1048305	MVZ Labor Dr. Kirkamm GmbH	Robert Koch Institute, Influenza and respiratory viruses FG17 & Bioinformatics MF1, Berlin, Germany	M. Haffner, Stephan Fuchs, Stefan Kroeger, Marianne Wedde, Oliver Drechsel, Aleksandar Radonic, Rene Kmiecinski, Ralf Duernwald, Thorsten Wolff	
EPI_ISL_1048349	Labor Dr. Wispelinghoff - Köln	Robert Koch Institute, Influenza and respiratory viruses FG17 & Bioinformatics MF1, Berlin, Germany	R. Grosser, Stephan Fuchs, Stefan Kroeger, Marianne Wedde, Oliver Drechsel, Aleksandar Radonic, Rene Kmiecinski, Ralf Duernwald, Thorsten Wolff	
EPI_ISL_1048357	MVZ Labor Dr. Kirkamm GmbH	Robert Koch Institute, Influenza and respiratory viruses FG17 & Bioinformatics MF1, Berlin, Germany	M. Haffner, Stephan Fuchs, Stefan Kroeger, Marianne Wedde, Oliver Drechsel, Aleksandar Radonic, Rene Kmiecinski, Ralf Duernwald, Thorsten Wolff	
EPI_ISL_1048411, EPI_ISL_1048412, EPI_ISL_1048420, EPI_ISL_1048421, EPI_ISL_1048422, EPI_ISL_1048423, EPI_ISL_1048424, EPI_ISL_1048425, EPI_ISL_1048426, EPI_ISL_1048427	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Sylvia Krztowska, Monika Czemiska, Barbara Doliska, Ewa Liszewska, Tomasz Jakubczak, Marta ukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Róycka, Beata Wasiek	
EPI_ISL_1048553, EPI_ISL_1048554	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_1049228, EPI_ISL_1049229, EPI_ISL_1049230, EPI_ISL_1049231, EPI_ISL_1049232, EPI_ISL_1049233, EPI_ISL_1049234, EPI_ISL_1049235, EPI_ISL_1049236, EPI_ISL_1049237, EPI_ISL_1049238, EPI_ISL_1049239, EPI_ISL_1049240, EPI_ISL_1049241, EPI_ISL_1049242	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher	
EPI_ISL_1049594, EPI_ISL_1049614, EPI_ISL_1049616, EPI_ISL_1049618, EPI_ISL_1049654	Washington State Department of Health	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 Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford	
EPI_ISL_1049858	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam	
EPI_ISL_1049985, EPI_ISL_1049986, EPI_ISL_1049987	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
EPI_ISL_1050177, EPI_ISL_1050178, EPI_ISL_1050179, EPI_ISL_1050180, EPI_ISL_1050181, EPI_ISL_1050182, EPI_ISL_1050184	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	
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EPI_ISL_1051288, EPI_ISL_1051289, EPI_ISL_1051290, EPI_ISL_1051291, EPI_ISL_1051292, EPI_ISL_1051293, EPI_ISL_1051294, EPI_ISL_1051295, EPI_ISL_1051296, EPI_ISL_1051297, EPI_ISL_1051298, EPI_ISL_1051299, EPI_ISL_1051301, EPI_ISL_1051302, EPI_ISL_1051304, EPI_ISL_1051305, EPI_ISL_1051306, EPI_ISL_1051307, EPI_ISL_1051308, EPI_ISL_1051309, EPI_ISL_1051310, EPI_ISL_1051311, EPI_ISL_1051312, EPI_ISL_1051313, EPI_ISL_1051314, EPI_ISL_1051315, EPI_ISL_1051316, EPI_ISL_1051317, EPI_ISL_1051319, EPI_ISL_1051320, EPI_ISL_1051321, EPI_ISL_1051322, EPI_ISL_1051323, EPI_ISL_1051329, EPI_ISL_1051336, EPI_ISL_1051337, EPI_ISL_1051338			
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_1051759, EPI_ISL_1051760, EPI_ISL_1051761, EPI_ISL_1051765, EPI_ISL_1051767, EPI_ISL_1051769, EPI_ISL_1051770, EPI_ISL_1051771, EPI_ISL_1051772, EPI_ISL_1051773, EPI_ISL_1051776, EPI_ISL_1051778, EPI_ISL_1051782, EPI_ISL_1051784			
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_1052296, EPI_ISL_1052304, EPI_ISL_1052312, EPI_ISL_1052324, EPI_ISL_1052333, EPI_ISL_1052334, EPI_ISL_1052341, EPI_ISL_1052345, EPI_ISL_1052350, EPI_ISL_1052393, EPI_ISL_1052395, EPI_ISL_1052397, EPI_ISL_1052407, EPI_ISL_1052410, EPI_ISL_1052411, EPI_ISL_1052414, EPI_ISL_1052418, EPI_ISL_1052419, EPI_ISL_1052420, EPI_ISL_1052429, EPI_ISL_1052430, EPI_ISL_1052444, EPI_ISL_1052452, EPI_ISL_1052460, EPI_ISL_1052498, EPI_ISL_1052597, EPI_ISL_1052599, EPI_ISL_1052615, EPI_ISL_1052619, EPI_ISL_1052621, EPI_ISL_1052629, EPI_ISL_1052646, EPI_ISL_1052654, EPI_ISL_1052670, EPI_ISL_1052671, EPI_ISL_1052676, EPI_ISL_1052762			
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_1053444	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_1053823, EPI_ISL_1053968, EPI_ISL_1053969, EPI_ISL_1053970	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_1054766	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_1055021, EPI_ISL_1055022	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_1055106	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1055367, EPI_ISL_1055368, EPI_ISL_1055369, EPI_ISL_1055371, EPI_ISL_1055372, EPI_ISL_1055374	Oregon State Public Health Laboratory	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Sonia Acharya, John Fontana, LaDonna Grenz, 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_1056122, EPI_ISL_1056321, EPI_ISL_1056322, EPI_ISL_1056323, EPI_ISL_1056324, EPI_ISL_1056325, EPI_ISL_1056389, EPI_ISL_1056400, EPI_ISL_1056401, EPI_ISL_1056402, EPI_ISL_1056403, EPI_ISL_1056404, EPI_ISL_1056413, EPI_ISL_1056422, EPI_ISL_1056423, EPI_ISL_1056424, EPI_ISL_1056425, EPI_ISL_1056441, EPI_ISL_1056444, EPI_ISL_1056547, EPI_ISL_1056570, EPI_ISL_1056571, EPI_ISL_1056593, EPI_ISL_1056594, EPI_ISL_1056598			
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_1056647, EPI_ISL_1056648, EPI_ISL_1056650, EPI_ISL_1056651, EPI_ISL_1056652	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_1057008, EPI_ISL_1057072	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_1057667, EPI_ISL_1057673, EPI_ISL_1057792, EPI_ISL_1057793, EPI_ISL_1057794, EPI_ISL_1057795, EPI_ISL_1057796, EPI_ISL_1057797, EPI_ISL_1057798, EPI_ISL_1057799, EPI_ISL_1057800, EPI_ISL_1057801, EPI_ISL_1057802, EPI_ISL_1057803, EPI_ISL_1057804, EPI_ISL_1057805, EPI_ISL_1057806, EPI_ISL_1057807, EPI_ISL_1057808, EPI_ISL_1057809, EPI_ISL_1057810, EPI_ISL_1057811, EPI_ISL_1057812, EPI_ISL_1057813, EPI_ISL_1057814, EPI_ISL_1057815, EPI_ISL_1057816, EPI_ISL_1057817			
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_1058067, EPI_ISL_1058069, EPI_ISL_1058070, EPI_ISL_1058071	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1058440	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_1058457, EPI_ISL_1058459, EPI_ISL_1058460	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_1058499, EPI_ISL_1058500, EPI_ISL_1058501, EPI_ISL_1058503, EPI_ISL_1058504, EPI_ISL_1058506, EPI_ISL_1058507, EPI_ISL_1058508, EPI_ISL_1058510, EPI_ISL_1058511, EPI_ISL_1058512, EPI_ISL_1058513, EPI_ISL_1058514			
see above	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_1058579, EPI_ISL_1058580	C.H.C MontLégia	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_1058800, EPI_ISL_1058842, EPI_ISL_1058870	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_1059065	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 Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1059211, EPI_ISL_1059212, EPI_ISL_1059213, EPI_ISL_1059214, EPI_ISL_1059215, EPI_ISL_1059216, EPI_ISL_1059217, EPI_ISL_1059218, EPI_ISL_1059219, EPI_ISL_1059220	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1059982	HOSPITAL GENERAL UNIVERSITARIO DE CIUDAD REAL	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandomís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Illescas, M. S.
EPI_ISL_1060015, EPI_ISL_1060016, EPI_ISL_1060017, EPI_ISL_1060018, EPI_ISL_1060019, EPI_ISL_1060020, EPI_ISL_1060021	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, 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_1060175, EPI_ISL_1060176	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1060442	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

EPI_ISL_1060551	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1060579, EPI_ISL_1060585, EPI_ISL_1060592	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_1060593	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,Le Vicky
EPI_ISL_1060714	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)_RNLS	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Adnan Araiza-Rodriguez, David Frago-Fonseca, Sergio Rangel-Guerrero, Mayra Jimenez-Morales, Nancy Munoz-Hernandez, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1061192	Istituto Zooprofilattico Sperimentale del Mezzogiorno (IZSM)	Telethon Institute of Genetics and Medicine (TIGEM)	Antonio Grimaldi, Patrizia Annunziata, Francesco Panariello, Biancamaria Pierri, Valentina Bouche, Chiara Colantuono, Maria Concetta Cuomo, Denise Di Concilio, Lucio Di Filippo, Anna Manfredi, Marcello Salvi, Antonio Limone, Pellegrino Cerino, Andrea Ballabio, Davide Cacchiarelli.
EPI_ISL_1063292, EPI_ISL_1063293, EPI_ISL_1063295, EPI_ISL_1063296, EPI_ISL_1063297, EPI_ISL_1063298, EPI_ISL_1063307, EPI_ISL_1063310, EPI_ISL_1063311, EPI_ISL_1063312, EPI_ISL_1063313, EPI_ISL_1063322, EPI_ISL_1063323, EPI_ISL_1063324, EPI_ISL_1063326, EPI_ISL_1063327, EPI_ISL_1063331, EPI_ISL_1063336, EPI_ISL_1063338, EPI_ISL_1063340, EPI_ISL_1063342, EPI_ISL_1063345, EPI_ISL_1063347, EPI_ISL_1063348, EPI_ISL_1063349, EPI_ISL_1063350, EPI_ISL_1063351, EPI_ISL_1063352, EPI_ISL_1063353, EPI_ISL_1063354, EPI_ISL_1063355, EPI_ISL_1063356, EPI_ISL_1063370, EPI_ISL_1063386, EPI_ISL_1063388, EPI_ISL_1063390, EPI_ISL_1063395			
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_1063499, EPI_ISL_1063511	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_1063592, EPI_ISL_1063711, EPI_ISL_1063712, EPI_ISL_1063729, EPI_ISL_1063733, EPI_ISL_1063734, EPI_ISL_1063735, EPI_ISL_1063745, EPI_ISL_1063746, EPI_ISL_1063759	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_1064276, EPI_ISL_1064277	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_1064387, EPI_ISL_1064391, EPI_ISL_1064392, EPI_ISL_1064393	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064444, EPI_ISL_1064445, EPI_ISL_1064481	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_1064597, EPI_ISL_1064598, EPI_ISL_1064601, EPI_ISL_1064602, EPI_ISL_1064603, EPI_ISL_1064604, EPI_ISL_1064678	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_1064709	Klinisk mikrobiologi, bakteriologi	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_1064833, EPI_ISL_1064881	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1067595	TAMIZAJE COMUNITARIO - PASO CANOAS	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_1067831, EPI_ISL_1067832, EPI_ISL_1067833, EPI_ISL_1067835, EPI_ISL_1067850, EPI_ISL_1067851, EPI_ISL_1067852, EPI_ISL_1067853, EPI_ISL_1067854, EPI_ISL_1067855, EPI_ISL_1067856, EPI_ISL_1067857			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1068298	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1070008, EPI_ISL_1070010, EPI_ISL_1070038, EPI_ISL_1070047, EPI_ISL_1070109, EPI_ISL_1070743, EPI_ISL_1070779, EPI_ISL_1070786, EPI_ISL_1070809, EPI_ISL_1070818, EPI_ISL_1070863, EPI_ISL_1070867, EPI_ISL_1070898, EPI_ISL_1070908, EPI_ISL_1070919, EPI_ISL_1070924, EPI_ISL_1071014, EPI_ISL_1071025, EPI_ISL_1071029			
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_1073964	Ramathibodi Hospital	COVID-19 Network Investigations (CONI) Alliance	Elizabeth Batty, Wasun Chantratita, Thanat Chookajorn, Stefan Fernandez, Angkana Huang, Anthony R. Jones, Khajohn Joonlasak, Chonticha Klungtong, Theerarat Kochakarn, Namfon Kotanan, Krittikorn Kumpornsin, Duangkamon Loesbanluechai, Wudtichai Manasatienkij, Bhakbhoom Panthan, Ekawat Pasomsuab, Kingkan Rakmanee, Insee Sensor, Janjira Thaipadungpanit, Arporn Wangwiwatsin, Treewat Watthanachockchai
EPI_ISL_1080129, EPI_ISL_1080131, EPI_ISL_1080136, EPI_ISL_1080137, EPI_ISL_1080140, EPI_ISL_1080143, EPI_ISL_1080148, EPI_ISL_1080150, EPI_ISL_1080151, EPI_ISL_1080153, EPI_ISL_1080154, EPI_ISL_1080161, EPI_ISL_1080162, EPI_ISL_1080166, EPI_ISL_1080167, EPI_ISL_1080170, EPI_ISL_1080171, EPI_ISL_1080173, EPI_ISL_1080177, EPI_ISL_1080178, EPI_ISL_1080179, EPI_ISL_1080180, EPI_ISL_1080184, EPI_ISL_1080185, EPI_ISL_1080186, EPI_ISL_1080189, EPI_ISL_1080191, EPI_ISL_1080194, EPI_ISL_1080195, EPI_ISL_1080196, EPI_ISL_1080197, EPI_ISL_1080198, EPI_ISL_1080199, EPI_ISL_1080200, EPI_ISL_1080201, EPI_ISL_1080202, EPI_ISL_1080206, EPI_ISL_1080207, EPI_ISL_1080208, EPI_ISL_1080209, EPI_ISL_1080210, EPI_ISL_1080212, EPI_ISL_1080213, EPI_ISL_1080216, EPI_ISL_1080217, EPI_ISL_1080218, EPI_ISL_1080219, EPI_ISL_1080220, EPI_ISL_1080221, EPI_ISL_1080225, EPI_ISL_1080226, EPI_ISL_1080227, EPI_ISL_1080228, EPI_ISL_1080229, EPI_ISL_1080230, EPI_ISL_1080233, EPI_ISL_1080240, EPI_ISL_1080241, EPI_ISL_1080242, EPI_ISL_1080243, EPI_ISL_1080245, EPI_ISL_1080249, EPI_ISL_1080251, EPI_ISL_1080252, EPI_ISL_1080253, EPI_ISL_1080254, EPI_ISL_1080261, EPI_ISL_1080262, EPI_ISL_1080264, EPI_ISL_1080266, EPI_ISL_1080268, EPI_ISL_1080269, EPI_ISL_1080272, EPI_ISL_1080273, EPI_ISL_1080274, EPI_ISL_1080275, EPI_ISL_1080276, EPI_ISL_1080277, EPI_ISL_1080279, EPI_ISL_1080280, EPI_ISL_1080284, EPI_ISL_1080285, EPI_ISL_1080286, EPI_ISL_1080289, EPI_ISL_1080290, EPI_ISL_1080291, EPI_ISL_1080292, EPI_ISL_1080297, EPI_ISL_1080298, EPI_ISL_1080299, EPI_ISL_1080300, EPI_ISL_1080301, EPI_ISL_1080303, EPI_ISL_1080304, EPI_ISL_1080314, EPI_ISL_1080315, EPI_ISL_1080316, EPI_ISL_1080318, EPI_ISL_1080319, EPI_ISL_1080321, EPI_ISL_1080322, EPI_ISL_1080323, EPI_ISL_1080325, EPI_ISL_1080327, EPI_ISL_1080331, EPI_ISL_1080333, EPI_ISL_1080335, EPI_ISL_1080340, EPI_ISL_1080345, EPI_ISL_1080352, EPI_ISL_1080354, EPI_ISL_1080356, EPI_ISL_1080357, EPI_ISL_1080362, EPI_ISL_1080363, EPI_ISL_1080364, EPI_ISL_1080365, EPI_ISL_1080366, EPI_ISL_1080367, EPI_ISL_1080368, EPI_ISL_1080371, EPI_ISL_1080372, EPI_ISL_1080373, EPI_ISL_1080383, EPI_ISL_1080392, EPI_ISL_1080394, EPI_ISL_1080396, EPI_ISL_1080397, EPI_ISL_1080399, EPI_ISL_1080401, EPI_ISL_1080402, EPI_ISL_1080404, EPI_ISL_1080405, EPI_ISL_1080410, EPI_ISL_1080411, EPI_ISL_1080413, EPI_ISL_1080417, EPI_ISL_1080419, EPI_ISL_1080421, EPI_ISL_1080422, EPI_ISL_1080424, EPI_ISL_1080426, EPI_ISL_1080427, EPI_ISL_1081034, EPI_ISL_1081041			
see above	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_1081108	Biology Lab, HIA PERCY	IRBA, 2MI	GORGE O., DEPEILLE A., CHAPUS C., FOISSAUD V.
EPI_ISL_1081878, EPI_ISL_1081879, EPI_ISL_1081880	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1084754	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1085005	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 Pegéot, Mellyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Demritzakis
EPI_ISL_1085593, EPI_ISL_1085607, EPI_ISL_1085669, EPI_ISL_1085670	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_1087284, EPI_ISL_1087285, EPI_ISL_1087288, EPI_ISL_1087294, EPI_ISL_1087315, EPI_ISL_1087316, EPI_ISL_1087317, EPI_ISL_1087318, EPI_ISL_1087319, EPI_ISL_1087320, EPI_ISL_1087321, EPI_ISL_1087322, EPI_ISL_1087323, EPI_ISL_1087324, EPI_ISL_1087325, EPI_ISL_1087326, EPI_ISL_1087327			
see above	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

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EPI_ISL_1091402, EPI_ISL_1091476	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
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EPI_ISL_1091860	Murphy Medical Associates	Grubbaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallory Breban, Annie Watkins, Tara Alpert, Nathan Grubbaugh
EPI_ISL_1091983, EPI_ISL_1091985	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
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EPI_ISL_1096281	Hopital	Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Werf,Leruez-Ville Marianne Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Guinard Jérôme
EPI_ISL_1096329, EPI_ISL_1096330	Research	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,Leruez-Ville Marianne
EPI_ISL_1097518, EPI_ISL_1097521, EPI_ISL_1097526, EPI_ISL_1097554, EPI_ISL_1097565	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_1097730, EPI_ISL_1097731, EPI_ISL_1097733, EPI_ISL_1097734, EPI_ISL_1097735, EPI_ISL_1097736, EPI_ISL_1097737, EPI_ISL_1097743	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1103752	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 Ben Temperton,Aaron Jeffries,Michelle Michelsen,Joanna Warwick-Dugdale,Audrey Farbos,Robyn Manley,Stephen Michell,Jane Masoli
EPI_ISL_1103771	University of Exeter	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_1104448, EPI_ISL_1104455	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1104971, EPI_ISL_1105004, EPI_ISL_1105013, EPI_ISL_1105023, EPI_ISL_1105039, EPI_ISL_1105044, EPI_ISL_1105047, EPI_ISL_1105049, EPI_ISL_1105057, EPI_ISL_1105059, EPI_ISL_1105061, EPI_ISL_1105081, EPI_ISL_1105082, EPI_ISL_1105089, EPI_ISL_1105090, EPI_ISL_1105093, EPI_ISL_1105102, EPI_ISL_1105108, EPI_ISL_1105112, EPI_ISL_1105137, EPI_ISL_1105189	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
see above	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joeseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1105875, EPI_ISL_1105876		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_1107640	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1109269	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 Agyal, 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_1109490	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109493	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109495	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109509	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109514	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109528	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109534	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109541, EPI_ISL_1109542	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109548	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109559	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109567, EPI_ISL_1109568, EPI_ISL_1109569	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109860, EPI_ISL_1109881, EPI_ISL_1109882	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1110042, EPI_ISL_1110045, EPI_ISL_1110046, EPI_ISL_1110047, EPI_ISL_1110050, EPI_ISL_1110052, EPI_ISL_1110054, EPI_ISL_1110055, EPI_ISL_1110056, EPI_ISL_1110061, EPI_ISL_1110062, EPI_ISL_1110064, EPI_ISL_1110065, EPI_ISL_1110066, EPI_ISL_1110067, EPI_ISL_1110068, EPI_ISL_1110069, EPI_ISL_1110070, EPI_ISL_1110071, EPI_ISL_1110072, EPI_ISL_1110073, EPI_ISL_1110074, EPI_ISL_1110075, EPI_ISL_1110076, EPI_ISL_1110077, EPI_ISL_1110078, EPI_ISL_1110079, EPI_ISL_1110080, EPI_ISL_1110081, EPI_ISL_1110082, EPI_ISL_1110088, EPI_ISL_1110089, EPI_ISL_1110095, EPI_ISL_1110101, EPI_ISL_1110104, EPI_ISL_1110105, EPI_ISL_1110106, EPI_ISL_1110119	UW Virology Lab	UW Virology Lab	Pavitra Rouchoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
see above	UW Virology Lab		
EPI_ISL_1110970, EPI_ISL_1111013, EPI_ISL_1111014, EPI_ISL_1111015, EPI_ISL_1111016	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,Pilorge LéA
EPI_ISL_1111560, EPI_ISL_1111561, EPI_ISL_1111562, EPI_ISL_1111571, EPI_ISL_1111572, EPI_ISL_1111573, EPI_ISL_1111574, EPI_ISL_1111575, EPI_ISL_1111576, EPI_ISL_1111577	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1113194	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1117273	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1117761	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1118032, EPI_ISL_1118033, EPI_ISL_1118034, EPI_ISL_1118035, EPI_ISL_1118036, EPI_ISL_1118049	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, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118085	Department of Microbiology, University Innsbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118135	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_1118208	National Institute of Health Research and Development	National Institute of Health Research and Development	Hana Aparsi Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustinihsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Uily Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1118318	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_1118356, EPI_ISL_1118357	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_1118358, EPI_ISL_1118359	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_1118360	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_1118433	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_1118596, EPI_ISL_1118597	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_1118598, EPI_ISL_1118599	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_1118600	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_1118601	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_1118602	Department of Medical Microbiology - section Molde, Molde 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_1118603, EPI_ISL_1118604	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_1118605	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_1118606	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_1121065, EPI_ISL_1121068, EPI_ISL_1121069, EPI_ISL_1121070, EPI_ISL_1121071, EPI_ISL_1121072, EPI_ISL_1121073, EPI_ISL_1121074, EPI_ISL_1121075, EPI_ISL_1121076, EPI_ISL_1121077, EPI_ISL_1121078, EPI_ISL_1121097, EPI_ISL_1121129, EPI_ISL_1121130, EPI_ISL_1121131	see above	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team
EPI_ISL_1121323, EPI_ISL_1121324	Complexo Hospitalar Padre Bentode Guarulhos	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_1121511, EPI_ISL_1121514	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1121561	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121787, EPI_ISL_1121788, EPI_ISL_1121809	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., Anahar,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,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1121863, EPI_ISL_1121865, EPI_ISL_1121866, EPI_ISL_1121867, EPI_ISL_1121868, EPI_ISL_1121878	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_1122426, EPI_ISL_1122434, EPI_ISL_1122435, EPI_ISL_1122449	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. Llamas, 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_1128122, EPI_ISL_1128137, EPI_ISL_1128138	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1129354, EPI_ISL_1129377, EPI_ISL_1129388, EPI_ISL_1129404, EPI_ISL_1129488	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_1129562	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_1129670, EPI_ISL_1129800, EPI_ISL_1129804, EPI_ISL_1129817, EPI_ISL_1129914, EPI_ISL_1129981, EPI_ISL_1130046, EPI_ISL_1130085, EPI_ISL_1130116	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_1130156, EPI_ISL_1130163	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_1130171	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_1130180	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_1130207	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_1130346, EPI_ISL_1130382, EPI_ISL_1130456, EPI_ISL_1130477	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 Santacrocce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130539	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_1130553	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 Santacrocce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130621, EPI_ISL_1130657, EPI_ISL_1130702, EPI_ISL_1130755, EPI_ISL_1130763, EPI_ISL_1130767, EPI_ISL_1130820	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_1130854	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 Santacrocce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130905, EPI_ISL_1130913	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_1130965	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 Santacrocce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130974, EPI_ISL_1131004, EPI_ISL_1131070	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_1132735, EPI_ISL_1132809, EPI_ISL_1132810, EPI_ISL_1132812	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1134969	CENTRE HOSPITALIER DE VOIRON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1135046, EPI_ISL_1135047, EPI_ISL_1135049, EPI_ISL_1135052	LABORATOIRE BIOFUSION	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1136182, EPI_ISL_1136183, EPI_ISL_1136372, EPI_ISL_1136373, EPI_ISL_1136489, EPI_ISL_1136490	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137181	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_1138554, EPI_ISL_1138555, EPI_ISL_1138556, EPI_ISL_1138557, EPI_ISL_1138558, EPI_ISL_1138559	Laboratory of Communicable Diseases	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138749	General Hospital - Prilep	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_1138751	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_1138912	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, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1142589, EPI_ISL_1142611	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown
EPI_ISL_1143048, EPI_ISL_1143082, EPI_ISL_1143201, EPI_ISL_1143239, EPI_ISL_1143252	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143417	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1143919	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1144041, EPI_ISL_1144042, EPI_ISL_1144043, EPI_ISL_1144044	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1144370, EPI_ISL_1144372, EPI_ISL_1144377, EPI_ISL_1144378, EPI_ISL_1144379	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1144513	Labor Dr. Wisplinghoff - Berlin	Robert Koch Institute	unknown
EPI_ISL_1144996	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1144998	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1144999	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145002	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145004, EPI_ISL_1145006	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145011	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145016	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1145018	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145020	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145022	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145025	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1145030	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145034, EPI_ISL_1145035, EPI_ISL_1145038, EPI_ISL_1145044, EPI_ISL_1145047	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145056	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145070, EPI_ISL_1145077	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145081	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145083, EPI_ISL_1145087	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145088	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145089, EPI_ISL_1145090, EPI_ISL_1145092, EPI_ISL_1145096, EPI_ISL_1145097, EPI_ISL_1145102, EPI_ISL_1145105, EPI_ISL_1145108, EPI_ISL_1145109	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145115	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145121, EPI_ISL_1145122, EPI_ISL_1145132	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145137	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145138, EPI_ISL_1145147	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145151, EPI_ISL_1145158	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145159, EPI_ISL_1145163	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145164	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145168, EPI_ISL_1145171, EPI_ISL_1145172, EPI_ISL_1145175, EPI_ISL_1145181	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145182	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145183	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1145186	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145192	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1145193	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145194, EPI_ISL_1145196	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145211, EPI_ISL_1145212	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzIm RUHR GmbH	Robert Koch Institute	unknown
EPI_ISL_1145286	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1145292, EPI_ISL_1145293, EPI_ISL_1145294, EPI_ISL_1145295, EPI_ISL_1145296, EPI_ISL_1145297, EPI_ISL_1145300, EPI_ISL_1145302, EPI_ISL_1145304, EPI_ISL_1145305, EPI_ISL_1145312, EPI_ISL_1145315, EPI_ISL_1145319, EPI_ISL_1145322, EPI_ISL_1145332			
see above	MVZ Labor Krone Gbr	Robert Koch Institute	unknown
EPI_ISL_1145336, EPI_ISL_1145340, EPI_ISL_1145342, EPI_ISL_1145344, EPI_ISL_1145345, EPI_ISL_1145346, EPI_ISL_1145347, EPI_ISL_1145348, EPI_ISL_1145349, EPI_ISL_1145351, EPI_ISL_1145354, EPI_ISL_1145355, EPI_ISL_1145360, EPI_ISL_1145363, EPI_ISL_1145371, EPI_ISL_1145373, EPI_ISL_1145375, EPI_ISL_1145377, EPI_ISL_1145382, EPI_ISL_1145386, EPI_ISL_1145391, EPI_ISL_1145393, EPI_ISL_1145400, EPI_ISL_1145402, EPI_ISL_1145408, EPI_ISL_1145409, EPI_ISL_1145415			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145449, EPI_ISL_1145451	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145454	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1145459, EPI_ISL_1145471, EPI_ISL_1145473, EPI_ISL_1145486, EPI_ISL_1145490	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145943	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145949	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145958	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145983, EPI_ISL_1145987, EPI_ISL_1145994	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145995, EPI_ISL_1146014	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146023	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146044	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146047, EPI_ISL_1146049	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146065	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146066	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146087	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146102	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146107	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown

EPI_ISL_1146123, EPI_ISL_1146125	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146135	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146142, EPI_ISL_1146146, EPI_ISL_1146148, EPI_ISL_1146161, EPI_ISL_1146165, EPI_ISL_1146168, EPI_ISL_1146169	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146173, EPI_ISL_1146174, EPI_ISL_1146176, EPI_ISL_1146177	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1146220, EPI_ISL_1146223, EPI_ISL_1146225, EPI_ISL_1146226	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1147414	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147429	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147433, EPI_ISL_1147434	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147456, EPI_ISL_1147459	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147465, EPI_ISL_1147469	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147471	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147491	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147497, EPI_ISL_1147499	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147505	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147508	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147511, EPI_ISL_1147518, EPI_ISL_1147521, EPI_ISL_1147522, EPI_ISL_1147527, EPI_ISL_1147528	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147588, EPI_ISL_1147589	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1147657	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1147694, EPI_ISL_1147697, EPI_ISL_1147700, EPI_ISL_1147705, EPI_ISL_1147714	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1147987	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1148065	MVZ für Laboratoriumsmedizin und Mikrobiologie Würzburg	Robert Koch Institute	unknown
EPI_ISL_1148137, EPI_ISL_1148162	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1148233	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1148236, EPI_ISL_1148239, EPI_ISL_1148267, EPI_ISL_1148277	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148291	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148319, EPI_ISL_1148345	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148350	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1148377	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148428	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148438	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148460	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1148767	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1149072, EPI_ISL_1149073, EPI_ISL_1149075, EPI_ISL_1149077, EPI_ISL_1149078, EPI_ISL_1149079, EPI_ISL_1149080, EPI_ISL_1149082, EPI_ISL_1149083, EPI_ISL_1149084, EPI_ISL_1149085, EPI_ISL_1149088, EPI_ISL_1149089, EPI_ISL_1149090, EPI_ISL_1149091, EPI_ISL_1149093, EPI_ISL_1149094, EPI_ISL_1149095, EPI_ISL_1149098, EPI_ISL_1149100, EPI_ISL_1149101, EPI_ISL_1149103, EPI_ISL_1149104, EPI_ISL_1149106, EPI_ISL_1149108, EPI_ISL_1149110, EPI_ISL_1149111, EPI_ISL_1149112, EPI_ISL_1149113, EPI_ISL_1149114, EPI_ISL_1149115, EPI_ISL_1149116, EPI_ISL_1149117, EPI_ISL_1149118, EPI_ISL_1149119, EPI_ISL_1149120, EPI_ISL_1149122, EPI_ISL_1149123, EPI_ISL_1149124, EPI_ISL_1149127, EPI_ISL_1149128, EPI_ISL_1149129, EPI_ISL_1149131, EPI_ISL_1149132, EPI_ISL_1149133, EPI_ISL_1149135, EPI_ISL_1149136, EPI_ISL_1149137, EPI_ISL_1149138, EPI_ISL_1149139, EPI_ISL_1149140, EPI_ISL_1149141, EPI_ISL_1149142, EPI_ISL_1149143, EPI_ISL_1149144, EPI_ISL_1149145, EPI_ISL_1149147, EPI_ISL_1149149, EPI_ISL_1149150, EPI_ISL_1149151, EPI_ISL_1149153, EPI_ISL_1149154, EPI_ISL_1149155, EPI_ISL_1149156, EPI_ISL_1149157, EPI_ISL_1149158, EPI_ISL_1149159, EPI_ISL_1149160, EPI_ISL_1149161, EPI_ISL_1149162, EPI_ISL_1149163, EPI_ISL_1149164, EPI_ISL_1149165, EPI_ISL_1149167, EPI_ISL_1149169, EPI_ISL_1149171, EPI_ISL_1149172, EPI_ISL_1149175, EPI_ISL_1149176, EPI_ISL_1149177, EPI_ISL_1149179, EPI_ISL_1149180, EPI_ISL_1149181, EPI_ISL_1149182, EPI_ISL_1149183, EPI_ISL_1149184, EPI_ISL_1149185, EPI_ISL_1149186, EPI_ISL_1149187, EPI_ISL_1149188, EPI_ISL_1149189, EPI_ISL_1149190, EPI_ISL_1149191, EPI_ISL_1149194, EPI_ISL_1149195, EPI_ISL_1149196, EPI_ISL_1149197, EPI_ISL_1149198, EPI_ISL_1149199, EPI_ISL_1149200, EPI_ISL_1149201, EPI_ISL_1149206, EPI_ISL_1149207, EPI_ISL_1149208, EPI_ISL_1149209, EPI_ISL_1149210, EPI_ISL_1149211, EPI_ISL_1149212, EPI_ISL_1149214, EPI_ISL_1149215, EPI_ISL_1149216, EPI_ISL_1149219, EPI_ISL_1149220, EPI_ISL_1149221, EPI_ISL_1149224, EPI_ISL_1149225, EPI_ISL_1149226, EPI_ISL_1149227, EPI_ISL_1149228, EPI_ISL_1149229, EPI_ISL_1149230, EPI_ISL_1149231, EPI_ISL_1149232, EPI_ISL_1149233, EPI_ISL_1149235, EPI_ISL_1149236, EPI_ISL_1149238, EPI_ISL_1149239, EPI_ISL_1149240, EPI_ISL_1149242, EPI_ISL_1149244, EPI_ISL_1149245, EPI_ISL_1149246, EPI_ISL_1149247, EPI_ISL_1149250, EPI_ISL_1149251, EPI_ISL_1149252, EPI_ISL_1149253, EPI_ISL_1149255, EPI_ISL_1149256, EPI_ISL_1150530, EPI_ISL_1150531, EPI_ISL_1150532, EPI_ISL_1150534, EPI_ISL_1150535, EPI_ISL_1150538, EPI_ISL_1150539, EPI_ISL_1150540, EPI_ISL_1150541, EPI_ISL_1150542, EPI_ISL_1150543, EPI_ISL_1150545, EPI_ISL_1150547, EPI_ISL_1150548, EPI_ISL_1150549, EPI_ISL_1150550, EPI_ISL_1150551, EPI_ISL_1150553, EPI_ISL_1150554, EPI_ISL_1150556, EPI_ISL_1150557, EPI_ISL_1150558, EPI_ISL_1150560, EPI_ISL_1150561, EPI_ISL_1150562, EPI_ISL_1150563, EPI_ISL_1150564, EPI_ISL_1150565, EPI_ISL_1150566, EPI_ISL_1150567, EPI_ISL_1150568, EPI_ISL_1150569, EPI_ISL_1150572, EPI_ISL_1150574, EPI_ISL_1150575, EPI_ISL_1150577, EPI_ISL_1150579, EPI_ISL_1150581, EPI_ISL_1150582, EPI_ISL_1150583, EPI_ISL_1150585, EPI_ISL_1150586, EPI_ISL_1150587, EPI_ISL_1150588, EPI_ISL_1150589, EPI_ISL_1150590, EPI_ISL_1150591, EPI_ISL_1150592, EPI_ISL_1150593, EPI_ISL_1150594, EPI_ISL_1150595, EPI_ISL_1150596, EPI_ISL_1150597, EPI_ISL_1150599, EPI_ISL_1150600, EPI_ISL_1150601, EPI_ISL_1150602, EPI_ISL_1150603, EPI_ISL_1150605, EPI_ISL_1150606, EPI_ISL_1150608, EPI_ISL_1150609, EPI_ISL_1150610, EPI_ISL_1150611, EPI_ISL_1150612, EPI_ISL_1150613, EPI_ISL_1150614, EPI_ISL_1150617, EPI_ISL_1150618, EPI_ISL_1150619, EPI_ISL_1150620, EPI_ISL_1150622, EPI_ISL_1150623, EPI_ISL_1150625, EPI_ISL_1150626, EPI_ISL_1150627, EPI_ISL_1150628, EPI_ISL_1150630, EPI_ISL_1150631, EPI_ISL_1150632, EPI_ISL_1150634, EPI_ISL_1150635, EPI_ISL_1150636, EPI_ISL_1150638, EPI_ISL_1150639, EPI_ISL_1150640, EPI_ISL_1150641, EPI_ISL_1150642, EPI_ISL_1150643, EPI_ISL_1150644, EPI_ISL_1150645, EPI_ISL_1150646, EPI_ISL_1150647, EPI_ISL_1150648, EPI_ISL_1150649, EPI_ISL_1150650, EPI_ISL_1150651, EPI_ISL_1150653, EPI_ISL_1150654, EPI_ISL_1150655, EPI_ISL_1150657, EPI_ISL_1150658, EPI_ISL_1150659, EPI_ISL_1150660, EPI_ISL_1150662, EPI_ISL_1150663, EPI_ISL_1150665, EPI_ISL_1150666, EPI_ISL_1150667, EPI_ISL_1150668, EPI_ISL_1150669, EPI_ISL_1150670, EPI_ISL_1150671, EPI_ISL_1150672, EPI_ISL_1150673, EPI_ISL_1150674, EPI_ISL_1150675, EPI_ISL_1150677, EPI_ISL_1150678, EPI_ISL_1150679, EPI_ISL_1150680, EPI_ISL_1150681, EPI_ISL_1150683, EPI_ISL_1150684, EPI_ISL_1150685, EPI_ISL_1150686, EPI_ISL_1150687, EPI_ISL_1150688, EPI_ISL_1150689, EPI_ISL_1150691, EPI_ISL_1150692, EPI_ISL_1150693, EPI_ISL_1150694, EPI_ISL_1150695, EPI_ISL_1150696, EPI_ISL_1150697, EPI_ISL_1150698, EPI_ISL_1150700			
see above	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1150966	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151399	Thüringer Landesamt für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1151828, EPI_ISL_1151883	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1152000	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1152003, EPI_ISL_1152005,	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown

EPI_ISL_1152006, EPI_ISL_1152007, EPI_ISL_1152008, EPI_ISL_1152009				
EPI_ISL_1152546, EPI_ISL_1152551	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute		unknown
EPI_ISL_1152558	MDI Limbach Berlin GmbH	Robert Koch Institute		unknown
EPI_ISL_1152559	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute		unknown
EPI_ISL_1152576	MDI Limbach Berlin GmbH	Robert Koch Institute		unknown
EPI_ISL_1152588	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute		unknown
EPI_ISL_1152598	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute		unknown
EPI_ISL_1152889, EPI_ISL_1152935, EPI_ISL_1152982, EPI_ISL_1153108, EPI_ISL_1153116, EPI_ISL_1153117, EPI_ISL_1153118	SYNLAB MVZ Weiden	Robert Koch Institute		unknown
EPI_ISL_1153330, EPI_ISL_1153331, EPI_ISL_1153998, EPI_ISL_1154028	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute		unknown
EPI_ISL_1154498, EPI_ISL_1154518, EPI_ISL_1154547, EPI_ISL_1154699, EPI_ISL_1154708, EPI_ISL_1154786	Bioscientia Labor Wermsdorf	Robert Koch Institute		unknown
EPI_ISL_1154799	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1154889	Labor 28 MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1154895, EPI_ISL_1154896	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1154929	Bioscientia Labor Wermsdorf	Robert Koch Institute		unknown
EPI_ISL_1154948	Labor 28 MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1154949	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1154970	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute		unknown
EPI_ISL_1154971, EPI_ISL_1155007, EPI_ISL_1155092	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1155099	Labor 28 MVZ GmbH	Robert Koch Institute		unknown
EPI_ISL_1155144	MDI Limbach Berlin GmbH	Robert Koch Institute		unknown
EPI_ISL_1155154	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute		unknown
EPI_ISL_1155195	MDI Limbach Berlin GmbH	Robert Koch Institute		unknown
EPI_ISL_1155384, EPI_ISL_1155408, EPI_ISL_1155409, EPI_ISL_1155413, EPI_ISL_1155416, EPI_ISL_1155420, EPI_ISL_1155422, EPI_ISL_1155425, EPI_ISL_1155426, EPI_ISL_1155428	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute		unknown
EPI_ISL_1155525	MDI Limbach Berlin GmbH	Robert Koch Institute		unknown
EPI_ISL_1157100, EPI_ISL_1157101, EPI_ISL_1157102, EPI_ISL_1157104, EPI_ISL_1157106, EPI_ISL_1157111, EPI_ISL_1157113, EPI_ISL_1157114	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute		unknown
EPI_ISL_1157285, EPI_ISL_1157287, EPI_ISL_1157293, EPI_ISL_1157313, EPI_ISL_1157318, EPI_ISL_1157337	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute		unknown
EPI_ISL_1158218, EPI_ISL_1158222, EPI_ISL_1158360, EPI_ISL_1158446	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_1158631	Dutch COVID-19 response team	Medical Microbiology, Maastricht University Medical Centre	Jozef Dingemans*, Brian van der Veer*, Erik Beuken, Carmen Reumkens, Lieke van Alphen, Christian Hoebe, Paul Savelkoul	
EPI_ISL_1159137	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandois, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. ROMAN SOTO, SERGIO	
EPI_ISL_1159223, EPI_ISL_1159224	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandois, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. BLAZQUEZ ABELLAN, ANA	
EPI_ISL_1159227	HOSPITAL GENERAL UNIVERSITARIO DE CIUDAD REAL	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandois, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. ILLESCAS FERNANDEZ-BERMEJO, M. SOLEDAD	
EPI_ISL_1159855	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey	
EPI_ISL_1160205, EPI_ISL_1160207, EPI_ISL_1160209, EPI_ISL_1160211, EPI_ISL_1160215	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; Malte Kohns Vasconcelos; Nadine Lübke; Jessica Nicolai; Klaus Pfeffer; Daniel Strelow; Jörg Timm; Andreas Walker; Tobias Wienemann	
EPI_ISL_1164573, EPI_ISL_1164579, EPI_ISL_1164582, EPI_ISL_1164583, EPI_ISL_1164592, EPI_ISL_1164593	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten	
EPI_ISL_1164796	Idaho Bureau of Laboratories	IBL	"R. Beukelman, Matthew C. Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"	
EPI_ISL_1164947	Hôpital Georges L. Dumont	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Richard Garceau, Guillaume Desnoyers, 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_1164972	LACEN - Laboratório Central de Saúde Pública do Pará	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.	
EPI_ISL_1165009, EPI_ISL_1165016, EPI_ISL_1165017, EPI_ISL_1165018, EPI_ISL_1165019, EPI_ISL_1165020, EPI_ISL_1165021, EPI_ISL_1165022, EPI_ISL_1165023, EPI_ISL_1165024, EPI_ISL_1165025, EPI_ISL_1165027, EPI_ISL_1165045				
see above	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, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim	

EPI_ISL_1165074	Institute of Tropical Disease	Institute of Tropical Disease, Universitas Airlangga	Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Yasuko Mori, Soetjipto, Kazufumi Shimizu, Maria I Lusida
EPI_ISL_1165233, EPI_ISL_1165482, EPI_ISL_1165656, EPI_ISL_1165662, EPI_ISL_1165663, EPI_ISL_1165671, EPI_ISL_1165673, EPI_ISL_1165783, EPI_ISL_1165786	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_1166025	ORIAPOLE - BACTERIOLOGIE	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_1167171, EPI_ISL_1167181	Iressef Genomics lab	L'institut de Recherche en Santé, de Surveillance Épidémiologique et de Formation (IRESSEF)	Souleymane MBOUP, Abdou PADANE, Abdoulie KANTEH ,Abdul Karim SESAY , Khadim GUEYE, Papa Alassane DIAW, Birahim Piere NDIAYE, Barada CISSE, Aminata MBOUP, Moustapha MBOW, Ndeye Coumba Toure KANE, Nafisatou LEYE, Gora LO, Ambroise AHOUIDI , Astou Gaye GAYE, Aminata DIA, Yacine DIA
EPI_ISL_1167218, EPI_ISL_1167219, EPI_ISL_1167233, EPI_ISL_1167234, EPI_ISL_1167235, EPI_ISL_1167236, EPI_ISL_1167237, EPI_ISL_1167238, EPI_ISL_1167239, EPI_ISL_1167240, EPI_ISL_1167241, EPI_ISL_1167242, EPI_ISL_1167243, EPI_ISL_1167244, EPI_ISL_1167245, EPI_ISL_1167246, EPI_ISL_1167247, EPI_ISL_1167248, EPI_ISL_1167249, EPI_ISL_1167250			
see above	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_1168061, EPI_ISL_1168075	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_1168296, EPI_ISL_1168297, EPI_ISL_1168298, EPI_ISL_1168300, EPI_ISL_1168302, EPI_ISL_1168303	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_1169052	National Institute of Health Research and Development	National Institute of Health Research and Development	Subangkit, Hana Apsari Pawestri, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Uily Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_1169719	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1171514, EPI_ISL_1171515	Cliniques Cud-Luxembourg	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_1171673	IAL Regional de Presidente Prudente	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_1173817, EPI_ISL_1173820, EPI_ISL_1173879, EPI_ISL_1173882, EPI_ISL_1173886, EPI_ISL_1173889	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli	TIGEM	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
EPI_ISL_1177712, EPI_ISL_1177713	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, Colqhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1178504, EPI_ISL_1178508, EPI_ISL_1178509, EPI_ISL_1178510, EPI_ISL_1178511, EPI_ISL_1178512, EPI_ISL_1178514, EPI_ISL_1178516	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_1178735, EPI_ISL_1178770	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_1179158, EPI_ISL_1179161	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_1180209	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1181035	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1182027	Connecticut DPH	Grubagh 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 Muyumbwe, Randy Downing, Jafar Razeq, Stephen M. Bart, Nathan Grubaugh
EPI_ISL_1182552, EPI_ISL_1182553	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_1184136	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_1184178	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_1185991, EPI_ISL_1185992, EPI_ISL_1185995, EPI_ISL_1185996, EPI_ISL_1185997, EPI_ISL_1185998, EPI_ISL_1185999, EPI_ISL_1186000, EPI_ISL_1186001, EPI_ISL_1186005, EPI_ISL_1186006, EPI_ISL_1186008, EPI_ISL_1186009, EPI_ISL_1186011, EPI_ISL_1186014, EPI_ISL_1186015, EPI_ISL_1186017, EPI_ISL_1186020, EPI_ISL_1186021			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1190866	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_1190868	Unilabs AB, 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_1190871, EPI_ISL_1190872	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_1190877	NPC	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_1190881, EPI_ISL_1190882	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_1190973, EPI_ISL_1190982, EPI_ISL_1190990, EPI_ISL_1191000, EPI_ISL_1191008, EPI_ISL_1191014, EPI_ISL_1191021, EPI_ISL_1191027, EPI_ISL_1191041, EPI_ISL_1191049	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_1191681, EPI_ISL_1191705	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_1192210	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_1192245	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_1192263	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, 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_1192269	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_1192285, EPI_ISL_1192286, EPI_ISL_1192287, EPI_ISL_1192288, EPI_ISL_1192289, EPI_ISL_1192290	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_1192313	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_1192326	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_1192337, EPI_ISL_1192351, EPI_ISL_1192352, EPI_ISL_1192353, EPI_ISL_1192354, EPI_ISL_1192356, EPI_ISL_1192359	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1193284, EPI_ISL_1193288, EPI_ISL_1193294, EPI_ISL_1193295	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	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 Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Koli, 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_1194386, EPI_ISL_1194387, EPI_ISL_1194389, EPI_ISL_1194394, EPI_ISL_1194406, EPI_ISL_1194408, EPI_ISL_1194409, EPI_ISL_1194419	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	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
EPI_ISL_1195367, EPI_ISL_1195371, EPI_ISL_1195418	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1196298	IAL Regional de Marilia	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_1196866	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_1197934	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1198061, EPI_ISL_1198071, EPI_ISL_1198083, EPI_ISL_1198087, EPI_ISL_1198101, EPI_ISL_1198102, EPI_ISL_1198125, EPI_ISL_1198126, EPI_ISL_1198127, EPI_ISL_1198130, EPI_ISL_1198156, EPI_ISL_1198157, EPI_ISL_1198160, EPI_ISL_1198161, EPI_ISL_1198162, EPI_ISL_1198202, EPI_ISL_1198203, EPI_ISL_1198204, EPI_ISL_1198205, EPI_ISL_1198211, EPI_ISL_1198276, EPI_ISL_1198281, EPI_ISL_1198292, EPI_ISL_1198293, EPI_ISL_1198296, EPI_ISL_1198298, EPI_ISL_1198300, EPI_ISL_1198315, EPI_ISL_1198316, EPI_ISL_1198354, EPI_ISL_1198555, EPI_ISL_1198556, EPI_ISL_1198557, EPI_ISL_1198558, EPI_ISL_1198559, EPI_ISL_1198560, EPI_ISL_1198561, EPI_ISL_1198632, EPI_ISL_1198637, EPI_ISL_1198638, EPI_ISL_1198639, EPI_ISL_1198640, EPI_ISL_1198642, EPI_ISL_1198643, EPI_ISL_1198645, EPI_ISL_1198647, EPI_ISL_1198716, EPI_ISL_1198717, EPI_ISL_1198718, EPI_ISL_1198719, EPI_ISL_1198721, EPI_ISL_1198722, EPI_ISL_1198723, EPI_ISL_1198724, EPI_ISL_1198725, EPI_ISL_1198726, EPI_ISL_1198727, EPI_ISL_1198728, EPI_ISL_1198729, EPI_ISL_1198730, EPI_ISL_1198731, EPI_ISL_1198732, EPI_ISL_1198733, EPI_ISL_1198734			
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_1199386	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
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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_1201512, EPI_ISL_1201516	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,Combe Patrice
EPI_ISL_1203834	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Sanderson B, Srivastava A, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M
EPI_ISL_1205288, EPI_ISL_1205289, EPI_ISL_1205290	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield
EPI_ISL_1206080, EPI_ISL_1206159, EPI_ISL_1206215	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, Sonnetia 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_1208583, EPI_ISL_1208584, EPI_ISL_1208586, EPI_ISL_1208593, EPI_ISL_1208596, EPI_ISL_1208619, EPI_ISL_1208621, EPI_ISL_1208622, EPI_ISL_1208624, EPI_ISL_1208637, EPI_ISL_1208643, EPI_ISL_1208647, EPI_ISL_1208649, EPI_ISL_1208652, EPI_ISL_1208656, EPI_ISL_1208666			
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 Martíró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1209031, EPI_ISL_1209033, EPI_ISL_1209034, EPI_ISL_1209035, EPI_ISL_1209036, EPI_ISL_1209038, EPI_ISL_1209044, EPI_ISL_1209046, EPI_ISL_1209047, EPI_ISL_1209048, EPI_ISL_1209051, EPI_ISL_1209056, EPI_ISL_1209058, EPI_ISL_1209061, EPI_ISL_1209062, EPI_ISL_1209065, EPI_ISL_1209071, EPI_ISL_1209072, EPI_ISL_1209074, EPI_ISL_1209079, EPI_ISL_1209080, EPI_ISL_1209082, EPI_ISL_1209085, EPI_ISL_1209169, EPI_ISL_1209170, EPI_ISL_1209171, EPI_ISL_1209172, EPI_ISL_1209173, EPI_ISL_1209178, EPI_ISL_1209179, EPI_ISL_1209180, EPI_ISL_1209181, EPI_ISL_1209183, EPI_ISL_1209184, EPI_ISL_1209185, EPI_ISL_1209186, EPI_ISL_1209187, EPI_ISL_1209188, EPI_ISL_1209189, EPI_ISL_1209192, EPI_ISL_1209196, EPI_ISL_1209197			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger



EPI_ISL_1209377	CHU LILLE	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, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1209406	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, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1209598, EPI_ISL_1209604, EPI_ISL_1209605, EPI_ISL_1209606, EPI_ISL_1209607, EPI_ISL_1209772, EPI_ISL_1209773, EPI_ISL_1209774, EPI_ISL_1209775, EPI_ISL_1209776, EPI_ISL_1209777, EPI_ISL_1209778, EPI_ISL_1209779, EPI_ISL_1209780, EPI_ISL_1209781, EPI_ISL_1209782, EPI_ISL_1209805, EPI_ISL_1209928, EPI_ISL_1209943, EPI_ISL_1209944, EPI_ISL_1210329, EPI_ISL_1210330, EPI_ISL_1210331, EPI_ISL_1210332, EPI_ISL_1210333, EPI_ISL_1210334, EPI_ISL_1210335, EPI_ISL_1210336, EPI_ISL_1210337, EPI_ISL_1210338, EPI_ISL_1210339, EPI_ISL_1210340, EPI_ISL_1210341, EPI_ISL_1210342, EPI_ISL_1210343, EPI_ISL_1210344, EPI_ISL_1210345, EPI_ISL_1210346, EPI_ISL_1210347			
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 Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1211909, EPI_ISL_1211912, EPI_ISL_1211915, EPI_ISL_1211918, EPI_ISL_1211920, EPI_ISL_1211924, EPI_ISL_1211931, EPI_ISL_1211932	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1212017	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1212696	Istituto Zooprofilattico Sperimentale Umbria e Marche "Togo Rosati"	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Biagetti M., Giammarioli M., 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_1217996, EPI_ISL_1218019	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218111, EPI_ISL_1218118, EPI_ISL_1218122, EPI_ISL_1218126, EPI_ISL_1218128, EPI_ISL_1218141, EPI_ISL_1218143, EPI_ISL_1218154, EPI_ISL_1218155, EPI_ISL_1218162, EPI_ISL_1218163, EPI_ISL_1218166, EPI_ISL_1218171, EPI_ISL_1218174, EPI_ISL_1218177, EPI_ISL_1218180, EPI_ISL_1218181, EPI_ISL_1218182, EPI_ISL_1218187			
see above	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1219025	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_1219213, EPI_ISL_1219214, EPI_ISL_1219215, EPI_ISL_1219216, EPI_ISL_1219217, EPI_ISL_1219218, EPI_ISL_1219219, EPI_ISL_1219220	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 Ansons, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovinš
EPI_ISL_1219275, EPI_ISL_1219276, EPI_ISL_1219277, EPI_ISL_1219278	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 Ansons, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovinš
EPI_ISL_1219288, EPI_ISL_1219289, EPI_ISL_1219292, EPI_ISL_1219293, EPI_ISL_1219294, EPI_ISL_1219314, EPI_ISL_1219472, EPI_ISL_1219474, EPI_ISL_1219475, EPI_ISL_1219479, EPI_ISL_1219480, EPI_ISL_1219481, EPI_ISL_1219482, EPI_ISL_1219483			
see above	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 Ansons, Davids Fridmanis, Irena Meistere, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovinš
EPI_ISL_1219988	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_1220202, EPI_ISL_1220204, EPI_ISL_1220206, EPI_ISL_1220214, EPI_ISL_1220215, EPI_ISL_1220217, EPI_ISL_1220218, EPI_ISL_1220225, EPI_ISL_1220227, EPI_ISL_1220229, EPI_ISL_1220230, EPI_ISL_1220234, EPI_ISL_1220235, EPI_ISL_1220236, EPI_ISL_1220237, EPI_ISL_1220240, EPI_ISL_1220241, EPI_ISL_1220244, EPI_ISL_1220245, EPI_ISL_1220246, EPI_ISL_1220247, EPI_ISL_1220249, EPI_ISL_1220250, EPI_ISL_1220251, EPI_ISL_1220252, EPI_ISL_1220254, EPI_ISL_1220258, EPI_ISL_1220259, EPI_ISL_1220260, EPI_ISL_1220261, EPI_ISL_1220264, EPI_ISL_1220265, EPI_ISL_1220266, EPI_ISL_1220267, EPI_ISL_1220269, EPI_ISL_1220270, EPI_ISL_1220271, EPI_ISL_1220272, EPI_ISL_1220277, EPI_ISL_1220278, EPI_ISL_1220281, EPI_ISL_1220282, EPI_ISL_1220283, EPI_ISL_1220284, EPI_ISL_1220285, EPI_ISL_1220287, EPI_ISL_1220288, EPI_ISL_1220289, EPI_ISL_1220290, EPI_ISL_1220291, EPI_ISL_1220292, EPI_ISL_1220293, EPI_ISL_1220295, EPI_ISL_1220296, EPI_ISL_1220297, EPI_ISL_1220298, EPI_ISL_1220299, EPI_ISL_1220300, EPI_ISL_1220301, EPI_ISL_1220302, EPI_ISL_1220303			
see above	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1224822	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224872, EPI_ISL_1224873, EPI_ISL_1224875	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224951	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_1226013	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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226030, EPI_ISL_1226032, EPI_ISL_1226034	"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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226064, EPI_ISL_1226065	"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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226151, EPI_ISL_1226153, EPI_ISL_1226160	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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226201, EPI_ISL_1226202, EPI_ISL_1226204, EPI_ISL_1226206, EPI_ISL_1226207, EPI_ISL_1226208, EPI_ISL_1226209, EPI_ISL_1226210, EPI_ISL_1226211	"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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226231	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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226240, EPI_ISL_1226252, EPI_ISL_1226257, EPI_ISL_1226271, EPI_ISL_1226272	"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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226411, EPI_ISL_1226412, EPI_ISL_1226413, EPI_ISL_1226414, EPI_ISL_1226415, EPI_ISL_1226416	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 Montmayer, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226957	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_1227026	NORTH SHORE UNIVERSITY 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,

EPI_ISL_1227059, EPI_ISL_1227060, EPI_ISL_1227395	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_1227550	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_1227601	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_1227717, EPI_ISL_1227768, EPI_ISL_1227769, EPI_ISL_1227770, EPI_ISL_1227771, EPI_ISL_1227772, EPI_ISL_1227773, EPI_ISL_1227774, EPI_ISL_1227775	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_1227971	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_1228029, EPI_ISL_1228030	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_1228042	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_1228116	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_1228174, EPI_ISL_1228175	NORTH SHORE UNIVERSITY 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_1228275, EPI_ISL_1228276	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_1228281	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_1228306	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_1228476	GLENS FALLS HOSPITAL LABORATORY	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_1228477	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_1228957	Cerballiance	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_1231628, EPI_ISL_1231629, EPI_ISL_1231631, EPI_ISL_1231632, EPI_ISL_1231633, EPI_ISL_1231635, EPI_ISL_1231636, EPI_ISL_1231637, EPI_ISL_1231639, EPI_ISL_1231640, EPI_ISL_1231641, EPI_ISL_1231643, EPI_ISL_1231644, EPI_ISL_1231645, EPI_ISL_1231647, EPI_ISL_1231648, EPI_ISL_1231649, EPI_ISL_1231729, EPI_ISL_1231731, EPI_ISL_1231746, EPI_ISL_1231768, EPI_ISL_1231769, EPI_ISL_1231770			
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1233281	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1233567, EPI_ISL_1233574, EPI_ISL_1233575	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1234143	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1234842	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234854, EPI_ISL_1234857, EPI_ISL_1234865	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234887	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234902	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234929	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234935	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235016	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235066, EPI_ISL_1235073, EPI_ISL_1235103, EPI_ISL_1235110, EPI_ISL_1235205, EPI_ISL_1235207, EPI_ISL_1235215, EPI_ISL_1235216, EPI_ISL_1235253, EPI_ISL_1235268, EPI_ISL_1235275, EPI_ISL_1235296, EPI_ISL_1235305, EPI_ISL_1235343, EPI_ISL_1235347, EPI_ISL_1235349, EPI_ISL_1235350, EPI_ISL_1235356			
see above	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235417	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235583	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235692, EPI_ISL_1235693, EPI_ISL_1235694, EPI_ISL_1235695, EPI_ISL_1235696, EPI_ISL_1235697, EPI_ISL_1235698, EPI_ISL_1235699, EPI_ISL_1235700, EPI_ISL_1235701, EPI_ISL_1235702, EPI_ISL_1235703, EPI_ISL_1235704, EPI_ISL_1235705, EPI_ISL_1235706, EPI_ISL_1235707, EPI_ISL_1235708, EPI_ISL_1235709, EPI_ISL_1235710, EPI_ISL_1235711, EPI_ISL_1235712, EPI_ISL_1235713, EPI_ISL_1235714, EPI_ISL_1235715, EPI_ISL_1235716, EPI_ISL_1235718, EPI_ISL_1235719, EPI_ISL_1235720, EPI_ISL_1235721, EPI_ISL_1235722, EPI_ISL_1235723, EPI_ISL_1235724, EPI_ISL_1235725, EPI_ISL_1235726, EPI_ISL_1235727, EPI_ISL_1235728, EPI_ISL_1235729, EPI_ISL_1235730, EPI_ISL_1235731, EPI_ISL_1235732, EPI_ISL_1235733, EPI_ISL_1235734, EPI_ISL_1235735, EPI_ISL_1235736, EPI_ISL_1235737, EPI_ISL_1235738, EPI_ISL_1235739, EPI_ISL_1235740, EPI_ISL_1235741, EPI_ISL_1235743, EPI_ISL_1235744, EPI_ISL_1235745, EPI_ISL_1235755, EPI_ISL_1235757, EPI_ISL_1235787, EPI_ISL_1235811, EPI_ISL_1235815, EPI_ISL_1235817, EPI_ISL_1235837, EPI_ISL_1235847, EPI_ISL_1235848, EPI_ISL_1235859, EPI_ISL_1235860, EPI_ISL_1235873, EPI_ISL_1238736, EPI_ISL_1238737, EPI_ISL_1238738, EPI_ISL_1238739, EPI_ISL_1238740, EPI_ISL_1238741, EPI_ISL_1238742, EPI_ISL_1238743, EPI_ISL_1238744, EPI_ISL_1238745, EPI_ISL_1238746, EPI_ISL_1238747, EPI_ISL_1238748, EPI_ISL_1238749, EPI_ISL_1238750, EPI_ISL_1238751, EPI_ISL_1238752, EPI_ISL_1238753, EPI_ISL_1238754, EPI_ISL_1238755, EPI_ISL_1238756, EPI_ISL_1238757, EPI_ISL_1238758, EPI_ISL_1238760, EPI_ISL_1238761, EPI_ISL_1238762, EPI_ISL_1238763, EPI_ISL_1238765			
see above	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_1241890	CHU Rennes	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_1245907	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, 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_1246953, EPI_ISL_1246955, EPI_ISL_1246956	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorraín A, Cilla G.
EPI_ISL_1247695	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of	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

Edinburgh			
EPI_ISL_1248965, EPI_ISL_1248966, EPI_ISL_1248967, EPI_ISL_1248969, EPI_ISL_1248970, EPI_ISL_1248972, EPI_ISL_1248975, EPI_ISL_1249040, EPI_ISL_1249043, EPI_ISL_1249046, EPI_ISL_1249056, EPI_ISL_1249061	see above	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 Eiumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesah Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1249212, EPI_ISL_1249231	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_1250844	Tanjungpura University Hospital	Tanjungpura University Hospital	Andriani; Mahyarudin; Virhan Novianry; Delima Fajar Liana; Sofi Siti Shofiyah; Puji Astuti, Muhammad Ibnu Kahtan; Eka Ardiani Putri; Helmi Sastrawati; Rini Andriani; Ambar Rialita; Hana Apsari Pawestri; Arie Ardiansyah Nugraha; Kartika Dewi Puspa; Hartanti Dian Ikawati; Vivi Setiawaty
EPI_ISL_1250845	Tanjungpura University Hospital	Tanjungpura University Hospital	Mahyarudin; Andriani; Virhan Novianry; Delima Fajar Liana; Sofi Siti Shofiyah; Puji Astuti, Muhammad Ibnu Kahtan; Eka Ardiani Putri; Helmi Sastrawati; Rini Andriani; Ambar Rialita; Hana Apsari Pawestri; Arie Ardiansyah Nugraha; Kartika Dewi Puspa; Hartanti Dian Ikawati; Vivi Setiawaty
EPI_ISL_1251994, EPI_ISL_1251995, EPI_ISL_1251996, EPI_ISL_1251999, EPI_ISL_1252000, EPI_ISL_1252001	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_1252002	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_1252730, EPI_ISL_1252731, EPI_ISL_1252837, EPI_ISL_1252838, EPI_ISL_1252839, EPI_ISL_1252840, EPI_ISL_1252841, EPI_ISL_1252842, EPI_ISL_1252843	Anteja laboratorija (UAB Diagnostikos laboratorija)	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraite, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1253547, EPI_ISL_1253549, EPI_ISL_1253550, EPI_ISL_1253551, EPI_ISL_1253558, EPI_ISL_1253559	BIOMNIS LYON	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_1253885, EPI_ISL_1253889, EPI_ISL_1253890	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,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_1257816	National Institute of Health Research and Development	National Institute of Health Research and Development	Subangkit, Hana Apsari Pawestri, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminah, Ririn Ramadhany, Agustinsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarno, Ni Ketut Susilarini, Nurika Hariastuti, Uily Alfi Nikmah, Reni Herman, Nike Susanti, Hema, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_1257843, EPI_ISL_1257844	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, Lidyta Utami, Luci Liana, Lusiya Ningsih, Vivi Setiawaty
EPI_ISL_1260950, EPI_ISL_1260964	Microbiologia e Virologia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salvati, Erika Gorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1261195, EPI_ISL_1261196, EPI_ISL_1261197, EPI_ISL_1261198, EPI_ISL_1261199, EPI_ISL_1261201, EPI_ISL_1261294, EPI_ISL_1261295, EPI_ISL_1261297, EPI_ISL_1261298, EPI_ISL_1261299, EPI_ISL_1261300, EPI_ISL_1261301, EPI_ISL_1261302	see above	GHC Genetics s.r.o.	National Reference Laboratory for Influenza and Respiratory Viruses CZE
EPI_ISL_1261307	National Institute of Public Health	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1261394	GHC Genetics s.r.o.	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1262088	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_1265161	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_1265175, EPI_ISL_1265176, EPI_ISL_1265178, EPI_ISL_1265179, EPI_ISL_1265180, EPI_ISL_1265181, EPI_ISL_1265182, EPI_ISL_1265185, EPI_ISL_1265186, EPI_ISL_1265188, EPI_ISL_1265189, EPI_ISL_1265190, EPI_ISL_1265192, EPI_ISL_1265196, EPI_ISL_1265198, EPI_ISL_1265199, EPI_ISL_1265207, EPI_ISL_1265210, EPI_ISL_1265212, EPI_ISL_1265214, EPI_ISL_1265215, EPI_ISL_1265216, EPI_ISL_1265218, EPI_ISL_1265220, EPI_ISL_1265222, EPI_ISL_1265225, EPI_ISL_1265226, EPI_ISL_1265229, EPI_ISL_1265230, EPI_ISL_1265232, EPI_ISL_1265233	see above	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_1265508, EPI_ISL_1265518, EPI_ISL_1265519, EPI_ISL_1265520, EPI_ISL_1265521, EPI_ISL_1265522, EPI_ISL_1265523, EPI_ISL_1265524, EPI_ISL_1265525, EPI_ISL_1265526, EPI_ISL_1265527, EPI_ISL_1265528, EPI_ISL_1265529, EPI_ISL_1265530, EPI_ISL_1265531, EPI_ISL_1265532, EPI_ISL_1265533, EPI_ISL_1265534, EPI_ISL_1265535, EPI_ISL_1265536, EPI_ISL_1265538, EPI_ISL_1265539, EPI_ISL_1265540, EPI_ISL_1265541, EPI_ISL_1265542, EPI_ISL_1265543, EPI_ISL_1265544, EPI_ISL_1265545, EPI_ISL_1265559, EPI_ISL_1265560, EPI_ISL_1265561, EPI_ISL_1265562, EPI_ISL_1265563, EPI_ISL_1265564, EPI_ISL_1265565, EPI_ISL_1265566, EPI_ISL_1265567, EPI_ISL_1265568, EPI_ISL_1265569, EPI_ISL_1265572, EPI_ISL_1265573, EPI_ISL_1265574, EPI_ISL_1265575, EPI_ISL_1265576, EPI_ISL_1265577, EPI_ISL_1265587, EPI_ISL_1265588, EPI_ISL_1265589, EPI_ISL_1265590, EPI_ISL_1265607	see above	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD
EPI_ISL_1268653, EPI_ISL_1268655, EPI_ISL_1268790, EPI_ISL_1268893	Laborzentrum Weser	Hannover Medical School, Institute of Virology	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1272384	NS-QEII Health Sciences Centre	National Microbiology Laboratory (NML)	Lars Steinbrück
EPI_ISL_1272446, EPI_ISL_1272474	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Todd Hatchette, Jason LeBlanc, Janice Pettipas, Dan Gaston, 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_1272552	Hospital Universitario 12 de Octubre	SeqCOVID-SPAIN consortium/IBV(CSIC)	Darío 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_1272617, EPI_ISL_1272621, EPI_ISL_1272625, EPI_ISL_1272626, EPI_ISL_1272637	MS Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Esther Viedma, Raúl Recio, Mar Aguilera, Sagrario Zurita, Irene Muñoz-Gallego, Jennifer Villa, Rafael Delgado, M.ª Dolores Folgueira and SeqCOVID-SPAIN consortiumconsortium
EPI_ISL_1272641, EPI_ISL_1272646, EPI_ISL_1272648	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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272680	RI State Health Laboratories	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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee

EPI_ISL_1272690, EPI_ISL_1272693, EPI_ISL_1272694	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 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_1272816, EPI_ISL_1272818, EPI_ISL_1272820, EPI_ISL_1272821, EPI_ISL_1272822	FL Bur. of Public Health Laboratories-Jacksonville	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_1272842, EPI_ISL_1272844, EPI_ISL_1272845, EPI_ISL_1272851	DC Public Health Lab/ Dept. of Forensic Sciences	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_1272858, EPI_ISL_1272859, EPI_ISL_1272864, EPI_ISL_1272865, EPI_ISL_1272868	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_1272971	FL Bureau of Public Health Laboratories-Miami	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_1273338, EPI_ISL_1273369, EPI_ISL_1273375	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1273383	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_1273776, EPI_ISL_1273777, EPI_ISL_1273778, EPI_ISL_1273779	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_1278368	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Vichan Pawun, M.D., Kamolthip Atsawawaranunt, M.D., Sininat Petcharat, Yutthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Thiravatt Hemachudha, Supaporn Wacharapuesadee
EPI_ISL_1278530, EPI_ISL_1278542, EPI_ISL_1278543, EPI_ISL_1278551, EPI_ISL_1278552, EPI_ISL_1278553, EPI_ISL_1278554, EPI_ISL_1278564, EPI_ISL_1278775, EPI_ISL_1278776, EPI_ISL_1278777, EPI_ISL_1278778, EPI_ISL_1278779, EPI_ISL_1278780, EPI_ISL_1278795, EPI_ISL_1278798, EPI_ISL_1278802, EPI_ISL_1278803, EPI_ISL_1278809, EPI_ISL_1278820, EPI_ISL_1278824, EPI_ISL_1278941	see above	see above	see above
EPI_ISL_1279029, EPI_ISL_1279030, EPI_ISL_1279179, EPI_ISL_1279182, EPI_ISL_1279185, EPI_ISL_1279186, EPI_ISL_1279190, EPI_ISL_1279191	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1280092, EPI_ISL_1280093, EPI_ISL_1280094, EPI_ISL_1280095, EPI_ISL_1280096, EPI_ISL_1280097, EPI_ISL_1280098, EPI_ISL_1280099	Department of Genetics, Medirex	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Tatiana Sedláková, Miroslav Böhmer, Renáta Lukáková, Gabriel Minárik, Anna Giová, Werner Krامل, Diana Rusáková, Jaroslav Budiš, Tomáš Szemes
EPI_ISL_1280629, EPI_ISL_1280630, EPI_ISL_1280634, EPI_ISL_1280636	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1284262	RS OMNI Alam Sutera	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_1284266	RS Mulya Tangerang	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_1284269	RS Mitra Keluarga Bekasi Barat	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284273, EPI_ISL_1284277	RS Mediorssa Cikarang	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284281	RS Royal Taruma	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284284, EPI_ISL_1284288	RS Mitra Keluarga Kalideres	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284292	RS Mitra Keluarga Kalideres	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar, Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284296	RSJ Dr. Soeharto Heerdjan	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar, Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284299	RSU HGA Depok	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar, Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1284303	RS Grha Kedoya	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar, Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_1290841	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1291327, EPI_ISL_1291366, EPI_ISL_1291371, EPI_ISL_1291372	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1291613, EPI_ISL_1291616, EPI_ISL_1291618, EPI_ISL_1291622	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_1291731	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_1292523, EPI_ISL_1292524, EPI_ISL_1292531, EPI_ISL_1292532, EPI_ISL_1292536, EPI_ISL_1292537, EPI_ISL_1292541, EPI_ISL_1292550, EPI_ISL_1292554, EPI_ISL_1292596, EPI_ISL_1292598, EPI_ISL_1292607	see above	see above	see above
EPI_ISL_1293056, EPI_ISL_1293059, EPI_ISL_1293068, EPI_ISL_1293070, EPI_ISL_1293079	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_1295170	Laboratory Diagnostics and Clinical Immunology of Developmental Age, Medical University of Warsaw	genXone SA, Research & Development Laboratory; The Faculty of Mathematics, Informatics and Mechanics of the	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwaska-Matelska, Anna Brylak-Blaszkow, Aleksandra Gidlewicz, Karol Szeszk, Lukasz Krych, Michal Kaszuba, Anna Gambin, Urszula Demkow

EPI_ISL_1295202	Wisconsin State Laboratory of Hygiene Communicable Disease Division	University of Warsaw Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295803	Rady Children's Hospital - San Diego	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki PHE Covid Sequencing Team
EPI_ISL_1296600, EPI_ISL_1296601, EPI_ISL_1296606, EPI_ISL_1296608	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1297421	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	
EPI_ISL_1297435	CENTRE HOSPITALIER DE MACON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1297436	CENTRE HOSPITALIER DE BOURG EN BRESSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1297491	LBM SEALAB DARRASSE ET ASSOCIES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1300344, EPI_ISL_1300357, EPI_ISL_1300371, EPI_ISL_1300386, EPI_ISL_1300387	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_1300495	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_1300804, EPI_ISL_1300903, EPI_ISL_1301409, EPI_ISL_1301410, EPI_ISL_1301411, EPI_ISL_1301412	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, Shelcie Fabre, Giulio Kleiner, Zenab Khan, Bremy Alburquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise Jurczynsak, 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 Luksza, Gopi Patel, Sarah Schaefer, Melissa Gitman, Michael D. Nowak, Alberto Paniz-Mondolfi, Emilia Mia Sordillo, Viviana Simon, Harm van Bakel
EPI_ISL_1301899	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Combe Patrice
EPI_ISL_1301991, EPI_ISL_1302118, EPI_ISL_1302119, EPI_ISL_1302120	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1302679	Nucleic Acid Testing, National Reference Laboratory	GIGA Medical Genomics	Yvan Butera, Keith Durkin, Maria Artesi, Bouchra Boujemla, Robert Rutayisire, Patrick Tuyisenge, Esperence Umumararungu, Sébastien Bontems, Marie-Pierre Hayette, Nathalie Renotte, Swaibu Gatare, Jacob Souopgui, Sabin Nsanizimana, Vincent Bours, Léon Mutesa
EPI_ISL_1302819	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthouzoz, Nikolai Ivanov, Manuel Peitsch
EPI_ISL_1303120, EPI_ISL_1303121, EPI_ISL_1303122, EPI_ISL_1303123, EPI_ISL_1303124, EPI_ISL_1303125, EPI_ISL_1303126, EPI_ISL_1303127, EPI_ISL_1303128, EPI_ISL_1303129, EPI_ISL_1303130, EPI_ISL_1303131, EPI_ISL_1303132, EPI_ISL_1303133, EPI_ISL_1303191, EPI_ISL_1303192, EPI_ISL_1303193, EPI_ISL_1303194, EPI_ISL_1303276	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores,H., Freeman,J.
see above			
EPI_ISL_1303508	LACEN do Distrito Federal	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_1308570	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_1308721, EPI_ISL_1308844, EPI_ISL_1308859	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_1309676, EPI_ISL_1309678	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_1309751	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_1311102, EPI_ISL_1311103, EPI_ISL_1311104, EPI_ISL_1311815	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, Annetiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1311901, EPI_ISL_1311906, EPI_ISL_1311916, EPI_ISL_1311917, EPI_ISL_1311924, EPI_ISL_1311925, EPI_ISL_1311927	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_1312073	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carreras, Piet Maes
EPI_ISL_1312775	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Run Jin, Nitika Badjatia, Zi-xuan Wang
EPI_ISL_1313048, EPI_ISL_1313117, EPI_ISL_1313147	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1313148, EPI_ISL_1313710	GH BOURG CENTRE PRELEVEMENT	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1313843, EPI_ISL_1313844, EPI_ISL_1313846, EPI_ISL_1313863	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1317255, EPI_ISL_1317256, EPI_ISL_1317306	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_1317307	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_1317308	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, 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_1317894	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_1317895, EPI_ISL_1317896, EPI_ISL_1317897	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_1317898	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

EPI_ISL_1317899, EPI_ISL_1317900	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317901, EPI_ISL_1317902	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, 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_1318394	"CO Dept. of Public Health and Environment, Lab Services 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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318409	ID Bureau of Laboratories	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_1318510, EPI_ISL_1318511, EPI_ISL_1318512, EPI_ISL_1318518, EPI_ISL_1318520	"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_1321554	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_1321612, EPI_ISL_1321615, EPI_ISL_1321616, EPI_ISL_1321617, EPI_ISL_1321618, EPI_ISL_1321620, EPI_ISL_1321621, EPI_ISL_1321622, EPI_ISL_1321623, EPI_ISL_1321624, EPI_ISL_1321625, EPI_ISL_1321627, EPI_ISL_1321630, EPI_ISL_1321631, EPI_ISL_1321632, EPI_ISL_1321633, EPI_ISL_1321634, EPI_ISL_1321635, EPI_ISL_1321636, EPI_ISL_1321637, EPI_ISL_1321638, EPI_ISL_1321640, EPI_ISL_1321641			
see above	LADR GmbH MVZ Dr. Kramer & Kollegen Geesthacht	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_1321821	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1324360, EPI_ISL_1324361, EPI_ISL_1324362, EPI_ISL_1324363, EPI_ISL_1324364	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_1324660, EPI_ISL_1324661, EPI_ISL_1324662, EPI_ISL_1324663, EPI_ISL_1324664	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraite, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1330257, EPI_ISL_1330260	Anteja laboratorija (UAB Diagnostikos laboratorija)	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraite, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1335810, EPI_ISL_1335811	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1336637	LABO SUD OC-BIOLOGIE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1346582, EPI_ISL_1346583, EPI_ISL_1346585, EPI_ISL_1346587, EPI_ISL_1346591, EPI_ISL_1346592, EPI_ISL_1346593, EPI_ISL_1346594, EPI_ISL_1346595, EPI_ISL_1346598, EPI_ISL_1346599, EPI_ISL_1346600, EPI_ISL_1346602, EPI_ISL_1346622			
see above	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_1348519, EPI_ISL_1348524, EPI_ISL_1348525, EPI_ISL_1348526, EPI_ISL_1348532, EPI_ISL_1348574, EPI_ISL_1348584, EPI_ISL_1348587	Universitätsklinikum Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1353478	Labor Dr. Spranger	Robert Koch Institute	unknown
EPI_ISL_1354890	Universitätsklinikum Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1358596, EPI_ISL_1358597, EPI_ISL_1358598, EPI_ISL_1358599, EPI_ISL_1358600, EPI_ISL_1358601, EPI_ISL_1358603, EPI_ISL_1358604, EPI_ISL_1358605, EPI_ISL_1358606, EPI_ISL_1358607, EPI_ISL_1358608, EPI_ISL_1358609, EPI_ISL_1358611, EPI_ISL_1358612, EPI_ISL_1358613, EPI_ISL_1358614, EPI_ISL_1358615, EPI_ISL_1358616, EPI_ISL_1358617, EPI_ISL_1358618, EPI_ISL_1358619, EPI_ISL_1358620, EPI_ISL_1358621, EPI_ISL_1358622, EPI_ISL_1358623, EPI_ISL_1358624, EPI_ISL_1358625, EPI_ISL_1358626, EPI_ISL_1358627, EPI_ISL_1358628, EPI_ISL_1358630, EPI_ISL_1358632, EPI_ISL_1358633, EPI_ISL_1358634, EPI_ISL_1358635, EPI_ISL_1358637, EPI_ISL_1358638, EPI_ISL_1358639, EPI_ISL_1358640, EPI_ISL_1358641, EPI_ISL_1358642, EPI_ISL_1358643, EPI_ISL_1358644, EPI_ISL_1358645, EPI_ISL_1358646, EPI_ISL_1358647, EPI_ISL_1358648, EPI_ISL_1358649, EPI_ISL_1358650, EPI_ISL_1358651, EPI_ISL_1358652, EPI_ISL_1358653, EPI_ISL_1358654, EPI_ISL_1358655, EPI_ISL_1358656, EPI_ISL_1358657, EPI_ISL_1358658, EPI_ISL_1358659, EPI_ISL_1358660, EPI_ISL_1358661, EPI_ISL_1358662, EPI_ISL_1358663, EPI_ISL_1358664, EPI_ISL_1358665, EPI_ISL_1358666, EPI_ISL_1358667, EPI_ISL_1358668, EPI_ISL_1358669, EPI_ISL_1358670, EPI_ISL_1358671, EPI_ISL_1358672, EPI_ISL_1358673, EPI_ISL_1358674, EPI_ISL_1358675, EPI_ISL_1358676, EPI_ISL_1358677, EPI_ISL_1358678, EPI_ISL_1358679, EPI_ISL_1358680, EPI_ISL_1358681, EPI_ISL_1358682, EPI_ISL_1358683, EPI_ISL_1358684, EPI_ISL_1358685, EPI_ISL_1358686, EPI_ISL_1358687, EPI_ISL_1358688, EPI_ISL_1358689, EPI_ISL_1358690, EPI_ISL_1358691, EPI_ISL_1358692, EPI_ISL_1358693, EPI_ISL_1358694, EPI_ISL_1358695, EPI_ISL_1358696, EPI_ISL_1358697, EPI_ISL_1358698, EPI_ISL_1358699, EPI_ISL_1358700, EPI_ISL_1358701, EPI_ISL_1358702, EPI_ISL_1358703, EPI_ISL_1358704, EPI_ISL_1358705, EPI_ISL_1358706, EPI_ISL_1358707, EPI_ISL_1358708, EPI_ISL_1358709, EPI_ISL_1358710, EPI_ISL_1358711, EPI_ISL_1358712, EPI_ISL_1358713, EPI_ISL_1358714, EPI_ISL_1358716, EPI_ISL_1358717, EPI_ISL_1358718, EPI_ISL_1358719, EPI_ISL_1358720, EPI_ISL_1358722, EPI_ISL_1358723, EPI_ISL_1358724, EPI_ISL_1358727, EPI_ISL_1358728, EPI_ISL_1358729, EPI_ISL_1358730, EPI_ISL_1358731, EPI_ISL_1358732, EPI_ISL_1358734, EPI_ISL_1358735, EPI_ISL_1358736, EPI_ISL_1358737, EPI_ISL_1358738, EPI_ISL_1358739, EPI_ISL_1358740, EPI_ISL_1358741, EPI_ISL_1358742, EPI_ISL_1358743, EPI_ISL_1358744, EPI_ISL_1358745, EPI_ISL_1358746, EPI_ISL_1358748, EPI_ISL_1358749, EPI_ISL_1358751, EPI_ISL_1358752, EPI_ISL_1358753, EPI_ISL_1358755, EPI_ISL_1358757, EPI_ISL_1358758, EPI_ISL_1358759, EPI_ISL_1358760, EPI_ISL_1358762, EPI_ISL_1358763, EPI_ISL_1358764, EPI_ISL_1358765, EPI_ISL_1358766, EPI_ISL_1358767, EPI_ISL_1358768, EPI_ISL_1358769, EPI_ISL_1358770, EPI_ISL_1358771, EPI_ISL_1358772			
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 Zitzelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1360354	CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology - INSACOG	Ara Sreenivas, Onkar Kulkarni, Lamuk Zaveri, Sofia Banu, Shreekanth Verma, Amareshwar Vodapalli , Viswagithe S L, B Himasri, Sharath Chandra Thota, Karthik Bharadwaj Tallapakka, Krishna Khairnar, Rakesh K Mishra,Divya Tej Sowpati
EPI_ISL_1361540	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.Biogen 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 Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Sempirni, Silvia Zanoli, Francesco Curcio, Stefania Marzintotto, Andreina Baj, Fausto Sessa, Massimiliano Chetta, Marina Tarsitano, Giusy Giordano, Marcello Ametrano, Mariano Fiorenza, Caivano Antonella, D'Auria Fiorella, De Luca Luciana.
EPI_ISL_1361633	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_1363116	Laboratory of Polymerase Chain Reaction of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Samoilov AE, Kaptelova VV, Korneenko EV, Buldenko AV, Bulanenkov VP, Saenko SS, Golubeva AG, Terezova MI, Berlina YY, Solovyeva ED, Shipulina OY, Speranskaya AS, Tivanova EV, Kondrasheva LY, Akimkin VG, Cherkashina AS
EPI_ISL_1363878, EPI_ISL_1363880, EPI_ISL_1363906, EPI_ISL_1363930, EPI_ISL_1363931, EPI_ISL_1363932, EPI_ISL_1363962, EPI_ISL_1363963, EPI_ISL_1363964, EPI_ISL_1363965, EPI_ISL_1363966, EPI_ISL_1363967, EPI_ISL_1363968, EPI_ISL_1363970, EPI_ISL_1363971, EPI_ISL_1363972, EPI_ISL_1363973, EPI_ISL_1363974, EPI_ISL_1364000, EPI_ISL_1364003, EPI_ISL_1364006, EPI_ISL_1364007, EPI_ISL_1364008, EPI_ISL_1364009, EPI_ISL_1364010, EPI_ISL_1364012, EPI_ISL_1364017, EPI_ISL_1364018, EPI_ISL_1364019, EPI_ISL_1364020, EPI_ISL_1364021, EPI_ISL_1364022, EPI_ISL_1364023, EPI_ISL_1364024,			

EPI_ISL_1364025, EPI_ISL_1364026, EPI_ISL_1364142, EPI_ISL_1364199, EPI_ISL_1364200, EPI_ISL_1364214, EPI_ISL_1364298, EPI_ISL_1364299, EPI_ISL_1364406, EPI_ISL_1364407, EPI_ISL_1364408, EPI_ISL_1364415, EPI_ISL_1364416, EPI_ISL_1364417, EPI_ISL_1364422, EPI_ISL_1364424, EPI_ISL_1364425			
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_1364567, EPI_ISL_1364570, EPI_ISL_1364571, EPI_ISL_1364572, EPI_ISL_1364600, EPI_ISL_1364601, EPI_ISL_1364602, EPI_ISL_1364611	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1364698	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, Efrem S. Lim
EPI_ISL_1364899	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_1364905	Bundeswehrkrankenhaus Berlin	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364912	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_1364985	Bundeswehrkrankenhaus Berlin	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365024	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Chantal Akoua-Koffi, Diané Bamourou, Etilé A Noah, 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_1366102, EPI_ISL_1366141, EPI_ISL_1366142, EPI_ISL_1366143	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_1366192	UW Virology Lab	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_1366379, EPI_ISL_1366380, EPI_ISL_1366381, EPI_ISL_1366382, EPI_ISL_1366384, EPI_ISL_1366385, EPI_ISL_1366386, EPI_ISL_1366387, EPI_ISL_1366390, EPI_ISL_1366395, EPI_ISL_1366396, EPI_ISL_1366399	see above	Scripps Medical Laboratory	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1366778, EPI_ISL_1366779, EPI_ISL_1366792	National Health Laboratory Service, South Africa	KRISP, KZN Research Innovation and Sequencing Platform	Laguda-Akingba O, Giandhari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Emmanuel SJ, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_1369179, EPI_ISL_1369336, EPI_ISL_1369338	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_1373881	PA Dept of Heath, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Jing Zhang, 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_1374022	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_1379554, EPI_ISL_1379555, EPI_ISL_1379556, EPI_ISL_1379558	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_1382845, EPI_ISL_1382846, EPI_ISL_1382847, EPI_ISL_1382848, EPI_ISL_1382849, EPI_ISL_1382850, EPI_ISL_1382851, EPI_ISL_1382852, EPI_ISL_1382853, EPI_ISL_1382855, EPI_ISL_1382856	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1382901	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1383406, EPI_ISL_1383407, EPI_ISL_1383408, EPI_ISL_1383409, EPI_ISL_1383410, EPI_ISL_1383412, EPI_ISL_1383413, EPI_ISL_1383414	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_1383852	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_1384052, EPI_ISL_1384053	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_1384558, EPI_ISL_1384575, EPI_ISL_1384581	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_1384859	National Centre For Cell Science	National Institute of Virology, Pune	Dhiraj Paul, Mitali Inamdar, Sonal Manik Chavan, Mohak P Gujare, Shivang P. Bhanushali, Manoj Kumar Bhat, Ajay Pillai, Yogesh Shouche
EPI_ISL_1384860	National Centre For Cell Science	National Centre For Cell Science - INSACOG	Dhiraj Paul, Mitali Inamdar, Sonal Manik Chavan, Mohak P Gujare, Shivang P. Bhanushali, Manoj Kumar Bhat, Ajay Pillai, INSACOG Consortium team, Yogesh Shouche.
EPI_ISL_1386687	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_1387232, EPI_ISL_1387233, EPI_ISL_1387234	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_1388132	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_1388139	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_1388175	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_1388177, EPI_ISL_1388179	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_1388633	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_1388697	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_1388716	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_1388723, EPI_ISL_1388729, EPI_ISL_1388731, EPI_ISL_1388733, EPI_ISL_1388988, EPI_ISL_1388989	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_1391012	National Institute of Health Research and Development	National Institute of Health Research and Development	Subangkit, Hana Apsari Pawestri, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati,

EPI_ISL_1391279, EPI_ISL_1391288, EPI_ISL_1391290, EPI_ISL_1391296, EPI_ISL_1391298, EPI_ISL_1391300, EPI_ISL_1391304, EPI_ISL_1391306, EPI_ISL_1391310, EPI_ISL_1391315, EPI_ISL_1391321, EPI_ISL_1391325, EPI_ISL_1391330, EPI_ISL_1391349, EPI_ISL_1391351, EPI_ISL_1391357, EPI_ISL_1391359, EPI_ISL_1391360, EPI_ISL_1391361, EPI_ISL_1391367, EPI_ISL_1391368			Ririn Ramadhany, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Uilly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
	see above	Motol University Hospital	Institute of Applied Biotechnologies a.s.
	EPI_ISL_1394625, EPI_ISL_1394626, EPI_ISL_1394627, EPI_ISL_1394628	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health
	EPI_ISL_1396362, EPI_ISL_1396363	Laboratorio del Hospital Regional Ushuaia Gdor. Ernesto Campos	Nodo de Secuenciación Tierra del Fuego - Hospital Regional Ushuaia - Centro Austral De Investigaciones Cientificas - Universidad Nacional De Tierra Del Fuego on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)
EPI_ISL_1400805, EPI_ISL_1400806, EPI_ISL_1400808, EPI_ISL_1400809, EPI_ISL_1400813, EPI_ISL_1400814, EPI_ISL_1400815, EPI_ISL_1400816, EPI_ISL_1400919, EPI_ISL_1400921		Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine
	EPI_ISL_1402205, EPI_ISL_1402206, EPI_ISL_1402283	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
	EPI_ISL_1402742	M Health Fairview	Minnesota Department of Health, Public Health Laboratory
	EPI_ISL_1403782	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory
EPI_ISL_1404586		DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences
	EPI_ISL_1405669, EPI_ISL_1405670	UCSC Genomics Institute	UCSC Genomics Institute
			Tom Koritnik, José Gonçalves, Martin Bosilj, Katarina Prosenec, Metka Paragi
			Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1405917			Rafia Razzaque, Eugene Yeboah, Vanda Makris, John Fontana and Shane Sevey
			Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
			Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-DeGiz, 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
			Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_1411159		Hospital Queen Elizabeth	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia
		National Institute of Health Research and Development	National Institute of Health Research and Development
			Subangkit, Hana Apsari Pawestri, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Uilly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
			Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1415064		IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services
	EPI_ISL_1415186, EPI_ISL_1415225, EPI_ISL_1415266, EPI_ISL_1415288, EPI_ISL_1415291, EPI_ISL_1415302, EPI_ISL_1415303, EPI_ISL_1415304, EPI_ISL_1415305, EPI_ISL_1415306, EPI_ISL_1415322, EPI_ISL_1415335, EPI_ISL_1415362	National Centre For Cell Science	National Centre For Cell Science - INSACOG
	see above		Dhiraj Paul, Mitali Inamdar, Sonal Manik Chavan, Mohak P Gujare, Shivang P. Bhanushali, Manoj Kumar Bhat, Ajay Pillai, INSACOG Consortium team, Yogesh Shouche.
			Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1416224, EPI_ISL_1416227, EPI_ISL_1416228		IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services
	EPI_ISL_1417598, EPI_ISL_1417616, EPI_ISL_1417861, EPI_ISL_1417862, EPI_ISL_1417863, EPI_ISL_1417864, EPI_ISL_1417865, EPI_ISL_1417866, EPI_ISL_1418618, EPI_ISL_1418646, EPI_ISL_1418773, EPI_ISL_1418958, EPI_ISL_1418959, EPI_ISL_1418960, EPI_ISL_1418961, EPI_ISL_1418962, EPI_ISL_1418963, EPI_ISL_1418964, EPI_ISL_1418965	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden
	see above	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_1419168, EPI_ISL_1419192, EPI_ISL_1419235, EPI_ISL_1419250, EPI_ISL_1419523		Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden
	EPI_ISL_1419996, EPI_ISL_1420565	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory
	EPI_ISL_1424127	COVID Outreach Wood River	UW Virology Lab
	EPI_ISL_1424478, EPI_ISL_1424488, EPI_ISL_1424496		Becky Jiang, Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky
EPI_ISL_1425229, EPI_ISL_1425230, EPI_ISL_1425235, EPI_ISL_1425244, EPI_ISL_1425245, EPI_ISL_1425246, EPI_ISL_1425248, EPI_ISL_1425249, EPI_ISL_1425266, EPI_ISL_1425397, EPI_ISL_1425398, EPI_ISL_1425399, EPI_ISL_1425400, EPI_ISL_1425401, EPI_ISL_1425402			Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Tom Archie, Ryan Cole, Meei-Li Huang, Keith R. Jerome, Alexander Greninger
	see above	Department of Infectious Diseases, Kobe Institute of Health	Department of Infectious Diseases, Kobe Institute of Health
	EPI_ISL_1426289	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases
	EPI_ISL_1426601, EPI_ISL_1426602, EPI_ISL_1426603, EPI_ISL_1426604	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1426992		SARS-CoV-2 testing team, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Hidemasa Izumiya, Hideyuki Takahashi, Masatomo Morita, Nobuo Koizumi, , Makoto Kuroda
	EPI_ISL_1427104	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_1427117, EPI_ISL_1427208, EPI_ISL_1427209, EPI_ISL_1427210, EPI_ISL_1427211, EPI_ISL_1427212, EPI_ISL_1427213, EPI_ISL_1427214	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1427579		SARS-CoV-2 testing team, 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_1428001, EPI_ISL_1428002, EPI_ISL_1428006, EPI_ISL_1428159	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
	EPI_ISL_1428251	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_1428265, EPI_ISL_1428284,		Pathogen Genomics Center, National Institute of Infectious	Pathogen Genomics Center, National Institute of Infectious
			Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda



EPI_ISL_1428285	Diseases	Diseases	
EPI_ISL_1428288, EPI_ISL_1428289, EPI_ISL_1428290	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_1428626, EPI_ISL_1428627, EPI_ISL_1428628, EPI_ISL_1428656, EPI_ISL_1428657, EPI_ISL_1428764, EPI_ISL_1429013, EPI_ISL_1429259, EPI_ISL_1429260, EPI_ISL_1429261, EPI_ISL_1429262, EPI_ISL_1429263, EPI_ISL_1429264, EPI_ISL_1429266, EPI_ISL_1429267, EPI_ISL_1429278, EPI_ISL_1429279, EPI_ISL_1429280, EPI_ISL_1429298, EPI_ISL_1429299, EPI_ISL_1429300, EPI_ISL_1429301, EPI_ISL_1429346, EPI_ISL_1429347, EPI_ISL_1429348, EPI_ISL_1429349, EPI_ISL_1429623			
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_1430554, EPI_ISL_1430570, EPI_ISL_1430571	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_1430585	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1430674, EPI_ISL_1430821, EPI_ISL_1430947, EPI_ISL_1430988	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_1431029	Kanagawa 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_1431141	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_1431201, EPI_ISL_1431202, EPI_ISL_1431203, EPI_ISL_1431377, EPI_ISL_1431378, EPI_ISL_1431379, EPI_ISL_1431596, EPI_ISL_1431599, EPI_ISL_1431600, EPI_ISL_1431601	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_1431649, EPI_ISL_1431650, EPI_ISL_1431764	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_1431777	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_1431824	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_1431978, EPI_ISL_1431979, EPI_ISL_1431980, EPI_ISL_1432092, EPI_ISL_1432094, EPI_ISL_1432776, EPI_ISL_1432778, EPI_ISL_1432782	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_1434445, EPI_ISL_1434447, EPI_ISL_1434693, EPI_ISL_1434695, EPI_ISL_1434697, EPI_ISL_1434699, EPI_ISL_1434701, EPI_ISL_1434703, EPI_ISL_1434705	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_1435595	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	Tom Koritnik, José Gonçalves, Martin Bosilj, Katarina Prosenc, Metka Paragi
EPI_ISL_1439700	Corona-Testzentrum ifp Institut für Produktqualität GmbH	Robert Koch Institute	unknown
EPI_ISL_1442975, EPI_ISL_1442976, EPI_ISL_1442977	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_1443333	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_1443438, EPI_ISL_1443440	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1444778, EPI_ISL_1444781	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_1446015	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1446985	ND Dept. of Health Laboratory Services-Microbiology	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447054	FL Bureau of Public Health Laboratories-Miami	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1448035	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_1457022, EPI_ISL_1457525, EPI_ISL_1457685	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_1461318	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_1468417	Santa Casa de Aracatuba Hospital Sagrado Coracao de Jesus	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_1468456, EPI_ISL_1468457	UBS Dr Alfredo Dantas de Souza Umuarama	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_1468989	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1472219	Fukuoka Institute of Health and Environmental Sciences	Fukuoka Institute of Health and Environmental Sciences	Hiroaki Shigemura, Yoshiaki 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_1474592	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_1477180, EPI_ISL_1477208, EPI_ISL_1477348	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1489647	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_1490819, EPI_ISL_1490820, EPI_ISL_1490821, EPI_ISL_1490822, EPI_ISL_1490824, EPI_ISL_1490825, EPI_ISL_1490826	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_1492077, EPI_ISL_1492085, EPI_ISL_1492087, EPI_ISL_1492092, EPI_ISL_1492093	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1492607	Orebro University Hospital	Orebro University Hospital	Sundqvist M et al
EPI_ISL_1493592	Santa Casa de Guaira	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_1494763, EPI_ISL_1494767, EPI_ISL_1494770	Centro Hospitalar de Entre o Douro e Vouga (CHEDV)	Institute of Biomedicine (IBIMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patricia Arinto, Miguel Pinheiro and Manuel Santos
EPI_ISL_1495171	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_1495179, EPI_ISL_1495180, EPI_ISL_1495181, EPI_ISL_1495182, EPI_ISL_1495183, EPI_ISL_1495184, EPI_ISL_1495185	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_1495597	IMP - Research Institute of Molecular Pathology	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_1495975	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorarrain A, Gomez M, Cilla G.
EPI_ISL_1497216, EPI_ISL_1497263	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Majja Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Majja Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1497437, EPI_ISL_1497438, EPI_ISL_1497521, EPI_ISL_1497522	National Public Health Organization	National Public Health Organization	Kyriaki Tryfinopoulou et al
EPI_ISL_1498451, EPI_ISL_1498452, EPI_ISL_1498453, EPI_ISL_1498536, EPI_ISL_1498540, EPI_ISL_1498542, EPI_ISL_1498543, EPI_ISL_1498546, EPI_ISL_1498549, EPI_ISL_1498550, EPI_ISL_1498560, EPI_ISL_1498561, EPI_ISL_1498563, EPI_ISL_1498566, EPI_ISL_1498569, EPI_ISL_1498570	see above	see above	see above
EPI_ISL_1501023, EPI_ISL_1501024, EPI_ISL_1501025	HEGP - Laboratoire de Virologie	HEGP - Laboratoire de Virologie	David Veyer
EPI_ISL_1501977, EPI_ISL_1501982, EPI_ISL_1501984, EPI_ISL_1502002, EPI_ISL_1502003	Lurie Children's Hospital of Chicago	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Michael G. Ison, Xiaotian, Zheng, William J. Muller, Larry K. Kocielek, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1503045	Gorgas Memorial Laboratory of Health Studies	Gorgas Memorial Laboratory of Health Studies	Gonzalez Claudia, Leyda Abrego, Moreno Ambar, Oris Chavarria, Jessica Gondola, Marlenne Castillo, Ortiz Alma, Castillo Jorge, Moreno Brechla, Franco Danilo, Lopez-Verges Sandra, Martinez Alexander
EPI_ISL_1503398	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 Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_1508838	Medical Genetics Laboratory, Regional Centre of Medical Genetics, Emergency County Hospital Craiova	Medical Genetics Laboratory, Regional Centre of Medical Genetics, Emergency County Hospital Craiova	Anca-Lelia (Riza) Costache, Ioana Streata, Stefania Dorobantu, Adina Dragos, Mihai Cucu, Ana-Maria Buga, Razvan Plesea, Andrei Pirvu, Elena Plesea, Monica Cara, Mihai Ioana
EPI_ISL_1508978	Good Samaritan Hospital	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1509047	Department of Laboratory Medicine, Clinical Center, National Institutes of Health	Laboratory of Parasitic Diseases, Systems Genomics Section, National Institute of Allergy and Infectious Diseases, National Institutes of Health	Allison Roder, Stephanie Banakis, Matthew Chung, Jung-ho Youn, Rachel Mercado, Wei Wang, Tara Palmore, Michael Bell, Heike Bailin, Jessica McCormick-Ell, Sanchita Das, Jennifer Kwan, Elodie Ghedin
EPI_ISL_1509963	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_1510361, EPI_ISL_1510362, EPI_ISL_1510363, EPI_ISL_1510368, EPI_ISL_1510372, EPI_ISL_1510377	National Institute of Public Health	State Veterinary Institute Prague	Nagy,A.;Jirincova,H;Suri,T;Trnka,D;Vecerova,J
EPI_ISL_1511567	Hospital of the University of Pennsylvania Molecular Pathology Lab	Bushman Lab - University of Pennsylvania	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_1516786	LESP Aguascalientes	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1522217, EPI_ISL_1522219	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_1526914, EPI_ISL_1526969, EPI_ISL_1526970, EPI_ISL_1526971, EPI_ISL_1526972, EPI_ISL_1526974, EPI_ISL_1526975, EPI_ISL_1526976, EPI_ISL_1526977, EPI_ISL_1526978, EPI_ISL_1526980, EPI_ISL_1526981, EPI_ISL_1526982, EPI_ISL_1526983, EPI_ISL_1526984, EPI_ISL_1526986, EPI_ISL_1526987, EPI_ISL_1526988, EPI_ISL_1526989	see above	see above	see above
EPI_ISL_1528263, EPI_ISL_1528265	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_1528340, EPI_ISL_1528341, EPI_ISL_1528346, EPI_ISL_1528348, EPI_ISL_1528349, EPI_ISL_1528355	"CO Dept. of Public Health and Environment, Lab Services Division"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Kriple, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suixiang Tong, Justin Lee
EPI_ISL_1532545, EPI_ISL_1532556	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,

EPI_ISL_1532566			Joshua LaBaer, Vel Murugan, Efrem S. Lim
EPI_ISL_1533997	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_1533998	Laboratorio de Virologia Molecular / UFRJ	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Carolina M Voloch, Luciana Appolinario, Fernando Motta, Anna Carolina Paixao, Ana Carolina Mendonca, Alice Sampaio Rocha, Renata Serrano Lopes, Amílcar Tanuri, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_1534368	Still Bay Sat Clinic wc SFV	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_1534369	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_1538404	Randex Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randex 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_1540461, EPI_ISL_1540462	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1541569, EPI_ISL_1541572, EPI_ISL_1541586, EPI_ISL_1541588, EPI_ISL_1541589, EPI_ISL_1541590, EPI_ISL_1541592, EPI_ISL_1541593, EPI_ISL_1541594, EPI_ISL_1541596, EPI_ISL_1541599			
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_1572366	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Carí Sloma, and Rob Christensen
EPI_ISL_949856, EPI_ISL_949859, EPI_ISL_949860, EPI_ISL_949864, EPI_ISL_949873, EPI_ISL_949887, EPI_ISL_949888, EPI_ISL_949901	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_950689, EPI_ISL_950690, EPI_ISL_950691, EPI_ISL_950693, EPI_ISL_950694, EPI_ISL_950696, EPI_ISL_950697, EPI_ISL_950721	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_953376	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_953387, EPI_ISL_953395, EPI_ISL_953396, EPI_ISL_953398	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_953428, EPI_ISL_953433, EPI_ISL_953435, EPI_ISL_953444	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_955105	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_955913, EPI_ISL_955915, EPI_ISL_955916, EPI_ISL_955928, EPI_ISL_955929, EPI_ISL_955931, EPI_ISL_955932, EPI_ISL_955933, EPI_ISL_955934, EPI_ISL_955935, EPI_ISL_955936, EPI_ISL_955937			
see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_959604, EPI_ISL_959605, EPI_ISL_959606	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, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959607	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959608	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_959609	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959610	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_959611	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959612	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_959613	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959614	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_959615, EPI_ISL_959616	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, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959617	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959618	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_959619	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, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_959620	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_961747	Dipartimento Prevenzione Avezzano-Servizio Igiene epidemiologia Sanità Pubblica	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_964837	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_965866	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_966411	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966804, EPI_ISL_966805, EPI_ISL_966806	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Issue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.

EPI_ISL_977660, EPI_ISL_977665	Auburn Sports Medicine	Synergy Laboratories	Megan Cornwell
EPI_ISL_978918, EPI_ISL_978919	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Chandima Jeewandara, Deshni Jayathilaka, Dinuka Ariyaratne, Tibutius Thanesh Pramanayagam, Diyanath Ranasinghe, Laksiri Gomes, Gathsaurie Neelika Malavige
EPI_ISL_979358	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_979967	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_980280, EPI_ISL_980356, EPI_ISL_980416, EPI_ISL_980419, EPI_ISL_980449	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
EPI_ISL_981123, EPI_ISL_981127, EPI_ISL_981157, EPI_ISL_981184, EPI_ISL_981185, EPI_ISL_981186, EPI_ISL_981187, EPI_ISL_981188, EPI_ISL_981189, EPI_ISL_981190	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_981375	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Mihaela Lazar
EPI_ISL_981533, EPI_ISL_981534	Hôpital Avicenne	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_981607, EPI_ISL_981608, EPI_ISL_981609, EPI_ISL_981610, EPI_ISL_981643, EPI_ISL_981662, EPI_ISL_981685, EPI_ISL_981686, EPI_ISL_981687, EPI_ISL_981688, EPI_ISL_981689, EPI_ISL_981703, EPI_ISL_981802, EPI_ISL_981803, EPI_ISL_981804, EPI_ISL_981805, EPI_ISL_981806, EPI_ISL_981807, EPI_ISL_981835	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
see above	CHU SUD AMIENS	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_982142, EPI_ISL_982143, EPI_ISL_982144, EPI_ISL_982146	CH.INTERCOMMUNAL DE CRETEIL	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_982147	CHU SUD AMIENS	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_982174, EPI_ISL_982175, EPI_ISL_982176	CH.INTERCOMMUNAL DE CRETEIL	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_982181, EPI_ISL_982226, EPI_ISL_982227	MEPHI Aix Marseille University (AMU)	MEPHI Aix Marseille University (AMU)	Anthony LEVASSEUR
EPI_ISL_982872, EPI_ISL_982887, EPI_ISL_982905, EPI_ISL_982911, EPI_ISL_982912	Dipartimento di Prevenzione ASL Roma 4	INMI Lazzaro Spallanzani IRCCS	O Butera, F Messina, CEM Gruber, B Bartolini, E Giombini, M Rueca, S Ursino, MR Capobianchi, A Di Caro
EPI_ISL_983327	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_983640, EPI_ISL_983641, EPI_ISL_983642, EPI_ISL_983643	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_983722, EPI_ISL_983738, EPI_ISL_983739	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_984188, EPI_ISL_984237, EPI_ISL_984239	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_984300	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Amorice Lima, Suzane Silbert
EPI_ISL_985040	Algemeen Medisch Laboratorium	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_985344, EPI_ISL_985346, EPI_ISL_985347, EPI_ISL_985350, EPI_ISL_985351, EPI_ISL_985352, EPI_ISL_985354, EPI_ISL_985355, EPI_ISL_985358, EPI_ISL_985359, EPI_ISL_985360, EPI_ISL_985361, EPI_ISL_985363	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 Myrtenäs, David Sundell, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_985953, EPI_ISL_985957, EPI_ISL_985967, EPI_ISL_985974, EPI_ISL_985983, EPI_ISL_985992, EPI_ISL_985998, EPI_ISL_986000, EPI_ISL_986004, EPI_ISL_986009, EPI_ISL_986013, EPI_ISL_986015, EPI_ISL_986017, EPI_ISL_986018, EPI_ISL_986020, EPI_ISL_986026, EPI_ISL_986028, EPI_ISL_986031, EPI_ISL_986043, EPI_ISL_986053, EPI_ISL_986069, EPI_ISL_986070, EPI_ISL_986081, EPI_ISL_986084, EPI_ISL_986086, EPI_ISL_986097, EPI_ISL_986103, EPI_ISL_986124, EPI_ISL_986127, EPI_ISL_986135, EPI_ISL_986137, EPI_ISL_986146, EPI_ISL_986150, EPI_ISL_986151, EPI_ISL_986183, EPI_ISL_986194, EPI_ISL_986196, EPI_ISL_986198, EPI_ISL_986223, EPI_ISL_986232, EPI_ISL_986233, EPI_ISL_986235, EPI_ISL_986237, EPI_ISL_986240, EPI_ISL_986242, EPI_ISL_986246, EPI_ISL_986259, EPI_ISL_986264	see above	Lighthouse Lab in Milton Keynes	
see above	Lighthouse Lab in Alderley Park	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_986930, EPI_ISL_987003, EPI_ISL_987036, EPI_ISL_987044, EPI_ISL_987108, EPI_ISL_987111, EPI_ISL_987145	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> )
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EPI_ISL_988686, EPI_ISL_988687, EPI_ISL_988688, EPI_ISL_988689, EPI_ISL_988691, EPI_ISL_988693, EPI_ISL_988694, EPI_ISL_988695, EPI_ISL_988696, EPI_ISL_988698, EPI_ISL_988699, EPI_ISL_988700, EPI_ISL_988701, EPI_ISL_988702, EPI_ISL_988704, EPI_ISL_988706, EPI_ISL_988707, EPI_ISL_988708, EPI_ISL_988710, EPI_ISL_988711, EPI_ISL_988712, EPI_ISL_988713, EPI_ISL_988716, EPI_ISL_988717, EPI_ISL_988718, EPI_ISL_988719, EPI_ISL_988723, EPI_ISL_988725, EPI_ISL_988728, EPI_ISL_988730, EPI_ISL_988732, EPI_ISL_988733, EPI_ISL_988735, EPI_ISL_988736, EPI_ISL_988737, EPI_ISL_988738, EPI_ISL_988739, EPI_ISL_988740, EPI_ISL_988741, EPI_ISL_988743, EPI_ISL_988744, EPI_ISL_988746, EPI_ISL_988747, EPI_ISL_988749, EPI_ISL_988751, EPI_ISL_988752, EPI_ISL_988754, EPI_ISL_988755, EPI_ISL_988758, EPI_ISL_988759, EPI_ISL_988760, EPI_ISL_988762, EPI_ISL_988763, EPI_ISL_988764, EPI_ISL_988765, EPI_ISL_988766, EPI_ISL_988767, EPI_ISL_988768, EPI_ISL_988772, EPI_ISL_988773, EPI_ISL_988774, EPI_ISL_988777, EPI_ISL_988778, EPI_ISL_988779, EPI_ISL_988780, EPI_ISL_988781, EPI_ISL_988782, EPI_ISL_988783, EPI_ISL_988785, EPI_ISL_988787, EPI_ISL_988788, EPI_ISL_988789, EPI_ISL_988790, EPI_ISL_988794, EPI_ISL_988796, EPI_ISL_988799, EPI_ISL_988801, EPI_ISL_988802, EPI_ISL_988803, EPI_ISL_988805, EPI_ISL_988806, EPI_ISL_988807, EPI_ISL_988809, EPI_ISL_988810, EPI_ISL_988812, EPI_ISL_988813, EPI_ISL_988815, EPI_ISL_988816, EPI_ISL_988818, EPI_ISL_988819, EPI_ISL_988820, EPI_ISL_988821, EPI_ISL_988822, EPI_ISL_988823, EPI_ISL_988824, EPI_ISL_988826, EPI_ISL_988829, EPI_ISL_988830, EPI_ISL_988831, EPI_ISL_988832, EPI_ISL_988836, EPI_ISL_988837, EPI_ISL_988838, EPI_ISL_988839, EPI_ISL_988842, EPI_ISL_988843, EPI_ISL_988844, EPI_ISL_988848,			

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EPI_ISL_988914, EPI_ISL_988916, EPI_ISL_988918, EPI_ISL_988919, EPI_ISL_988920, EPI_ISL_988922, EPI_ISL_988923, EPI_ISL_988924, EPI_ISL_988925, EPI_ISL_988926, EPI_ISL_988927, EPI_ISL_988932, EPI_ISL_988933, EPI_ISL_988934, EPI_ISL_988935, EPI_ISL_988936, EPI_ISL_988939, EPI_ISL_988940, EPI_ISL_988941, EPI_ISL_988942, EPI_ISL_988944, EPI_ISL_988946, EPI_ISL_988947, EPI_ISL_988948, EPI_ISL_988949, EPI_ISL_988951, EPI_ISL_988952, EPI_ISL_988953, EPI_ISL_988954, EPI_ISL_988955, EPI_ISL_988957, EPI_ISL_988958, EPI_ISL_988960, EPI_ISL_988961, EPI_ISL_988962, EPI_ISL_988963, EPI_ISL_988967, EPI_ISL_988971, EPI_ISL_988972, EPI_ISL_988973, EPI_ISL_988975, EPI_ISL_988976, EPI_ISL_988977, EPI_ISL_988978, EPI_ISL_988979, EPI_ISL_988980, EPI_ISL_988981, EPI_ISL_988982, EPI_ISL_988984, EPI_ISL_988989, EPI_ISL_988990, EPI_ISL_988991, EPI_ISL_988992, EPI_ISL_988995, EPI_ISL_988996, EPI_ISL_988997, EPI_ISL_988998, EPI_ISL_988999, EPI_ISL_989000, EPI_ISL_989003, EPI_ISL_989006, EPI_ISL_989007, EPI_ISL_989010, EPI_ISL_989012, EPI_ISL_989013, EPI_ISL_989014, EPI_ISL_989015, EPI_ISL_989016, EPI_ISL_989018, EPI_ISL_989023, EPI_ISL_989024, EPI_ISL_989025, EPI_ISL_989028	see above	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_994872, EPI_ISL_994874, EPI_ISL_994875, EPI_ISL_994876, EPI_ISL_994877, EPI_ISL_994879, EPI_ISL_994881, EPI_ISL_994882, EPI_ISL_994883, EPI_ISL_994884, EPI_ISL_994885, EPI_ISL_994887, EPI_ISL_994889, EPI_ISL_994897, EPI_ISL_994899, EPI_ISL_994902, EPI_ISL_994920, EPI_ISL_994921, EPI_ISL_994922	see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_995604, EPI_ISL_995605, EPI_ISL_995606, EPI_ISL_995607, EPI_ISL_995608, EPI_ISL_995609, EPI_ISL_995610, EPI_ISL_995611		KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carreras, Piet Maes
EPI_ISL_996416, EPI_ISL_996418, EPI_ISL_996420, EPI_ISL_996478, EPI_ISL_996479		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_996656, EPI_ISL_996664, EPI_ISL_996743, EPI_ISL_996744, EPI_ISL_996749, EPI_ISL_996751, EPI_ISL_996753, EPI_ISL_996754, EPI_ISL_996756, EPI_ISL_996758		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_997452, EPI_ISL_997513		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, Charlotte Nelson, Elaine O'Toole, Cassie Olatuj, 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_997835, EPI_ISL_997944, EPI_ISL_997953		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_998236		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_998518, EPI_ISL_998519, EPI_ISL_998581, EPI_ISL_998582, EPI_ISL_998583, EPI_ISL_998586		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_998775, EPI_ISL_998784, EPI_ISL_998787, EPI_ISL_998790, EPI_ISL_998792, EPI_ISL_998796, EPI_ISL_998797, EPI_ISL_998809, EPI_ISL_998810, EPI_ISL_998811, EPI_ISL_998815, EPI_ISL_998820, EPI_ISL_998850, EPI_ISL_998852, EPI_ISL_998876	see above	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_998891		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_999764, EPI_ISL_999765, EPI_ISL_999770, EPI_ISL_999781, EPI_ISL_999789, EPI_ISL_999790, EPI_ISL_999792, EPI_ISL_999794, EPI_ISL_999802, EPI_ISL_999803, EPI_ISL_999804, EPI_ISL_999810, EPI_ISL_999811, EPI_ISL_999900, EPI_ISL_999905, EPI_ISL_999906, EPI_ISL_999907, EPI_ISL_999908, EPI_ISL_999910, EPI_ISL_999912, EPI_ISL_999915, EPI_ISL_999916, EPI_ISL_999917, EPI_ISL_999924, EPI_ISL_999925, EPI_ISL_999926, EPI_ISL_999929, EPI_ISL_999930, EPI_ISL_999931, EPI_ISL_999933, EPI_ISL_999935, EPI_ISL_999936, EPI_ISL_999943, EPI_ISL_999944	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
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