

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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1000017, EPI_ISL_1000035, EPI_ISL_1000068, EPI_ISL_1000070, EPI_ISL_1000079, EPI_ISL_1000082, EPI_ISL_1000083, EPI_ISL_1000084, EPI_ISL_1000085, EPI_ISL_1000087, EPI_ISL_1000088, EPI_ISL_1000096, EPI_ISL_1000097, EPI_ISL_1000098, EPI_ISL_1000103, EPI_ISL_1000104, EPI_ISL_1000105, EPI_ISL_1000109, EPI_ISL_1000111, EPI_ISL_1000113, EPI_ISL_1000115, EPI_ISL_1000117, EPI_ISL_1000118, EPI_ISL_1000122, EPI_ISL_1000123, EPI_ISL_1000124, EPI_ISL_1000125, EPI_ISL_1000126, EPI_ISL_1000129, EPI_ISL_1000130, EPI_ISL_1000131, EPI_ISL_1000133, EPI_ISL_1000134, EPI_ISL_1000135, EPI_ISL_1000137, EPI_ISL_1000138, EPI_ISL_1000146, EPI_ISL_1000151, EPI_ISL_1000154, EPI_ISL_1000157, EPI_ISL_1000158, EPI_ISL_1000161, EPI_ISL_1000162, EPI_ISL_1000163, EPI_ISL_1000166, EPI_ISL_1000168, EPI_ISL_1000182, EPI_ISL_1000183, EPI_ISL_1000186	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
see above	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_1000200, EPI_ISL_1000201	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1000666, EPI_ISL_1000679, EPI_ISL_1000710, EPI_ISL_1000732, EPI_ISL_1000735, EPI_ISL_1000743, EPI_ISL_1000750, EPI_ISL_1000757, EPI_ISL_1000774, EPI_ISL_1000786, EPI_ISL_1000790	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1000850, EPI_ISL_1000860, EPI_ISL_1000866, EPI_ISL_1000867, EPI_ISL_1000874, EPI_ISL_1000878, EPI_ISL_1000879, EPI_ISL_1000917, EPI_ISL_1000921, EPI_ISL_1000924, EPI_ISL_1000925, EPI_ISL_1000927, EPI_ISL_1000928, EPI_ISL_1000929, EPI_ISL_1000930, EPI_ISL_1000931, EPI_ISL_1000932	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
see above	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_1001005, EPI_ISL_1001006, EPI_ISL_1001007, EPI_ISL_1001008, EPI_ISL_1001009, EPI_ISL_1001037, EPI_ISL_1001039	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1001171, EPI_ISL_1001172, EPI_ISL_1001205, EPI_ISL_1001206, EPI_ISL_1001207, EPI_ISL_1001208, EPI_ISL_1001209, EPI_ISL_1001210, EPI_ISL_1001211, EPI_ISL_1001212, EPI_ISL_1001213, EPI_ISL_1001214, EPI_ISL_1001215, EPI_ISL_1001216, EPI_ISL_1001217, EPI_ISL_1001218, EPI_ISL_1001219, EPI_ISL_1001220, EPI_ISL_1001263, EPI_ISL_1001264	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Zoe Yandle, Jonathan Dean, Cillian F De Gascun
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Zoe Yandle, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1001294	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1001852, EPI_ISL_1002208, EPI_ISL_1002316, EPI_ISL_1002317	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_1002318, EPI_ISL_1002354	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_1004107	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_1004108, EPI_ISL_1004109, EPI_ISL_1004110, EPI_ISL_1004111, EPI_ISL_1004112, EPI_ISL_1004113, EPI_ISL_1004114, EPI_ISL_1004115, EPI_ISL_1004116	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_1004117	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_1004118	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_1004119, EPI_ISL_1004120, EPI_ISL_1004121, EPI_ISL_1004122, EPI_ISL_1004123, EPI_ISL_1004124	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_1004125, EPI_ISL_1004126, EPI_ISL_1004127, EPI_ISL_1004128, EPI_ISL_1004129, EPI_ISL_1004130, EPI_ISL_1004131, EPI_ISL_1004132, EPI_ISL_1004133, EPI_ISL_1004134, EPI_ISL_1004135, EPI_ISL_1004136	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
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1004137	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_1004138	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_1004139	Viollier AG	Department of Biosystems Science and Engineering, ETH	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Ina

		Zürich	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_1004140, EPI_ISL_1004141, EPI_ISL_1004142, EPI_ISL_1004143, EPI_ISL_1004144, EPI_ISL_1004145, EPI_ISL_1004146, EPI_ISL_1004147, EPI_ISL_1004148, EPI_ISL_1004149	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_1004150	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_1004151, EPI_ISL_1004152, EPI_ISL_1004153, EPI_ISL_1004154, EPI_ISL_1004155, EPI_ISL_1004156	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_1004157, EPI_ISL_1004158	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_1004159	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_1004160	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_1004161, EPI_ISL_1004162, EPI_ISL_1004163, EPI_ISL_1004164, EPI_ISL_1004165, EPI_ISL_1004166, EPI_ISL_1004167, EPI_ISL_1004168, EPI_ISL_1004169, EPI_ISL_1004170, EPI_ISL_1004171, EPI_ISL_1004172, EPI_ISL_1004173			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1005961, EPI_ISL_1005969, EPI_ISL_1005970, EPI_ISL_1005972, EPI_ISL_1005973, EPI_ISL_1005975, EPI_ISL_1005976, EPI_ISL_1005977, EPI_ISL_1005978, EPI_ISL_1005979, EPI_ISL_1005982, EPI_ISL_1005983, EPI_ISL_1005984, EPI_ISL_1005985, EPI_ISL_1005987, EPI_ISL_1005988, EPI_ISL_1005990, EPI_ISL_1005991, EPI_ISL_1005992, EPI_ISL_1005994, EPI_ISL_1005999, EPI_ISL_1006002, EPI_ISL_1006003, EPI_ISL_1006005, EPI_ISL_1006007, EPI_ISL_1006009, EPI_ISL_1006010, EPI_ISL_1006011, EPI_ISL_1006012, EPI_ISL_1006019, EPI_ISL_1006021, EPI_ISL_1006023, EPI_ISL_1006024, EPI_ISL_1006026, EPI_ISL_1006028, EPI_ISL_1006029, EPI_ISL_1006031, EPI_ISL_1006032, EPI_ISL_1006034, EPI_ISL_1006037, EPI_ISL_1006038, EPI_ISL_1006039, EPI_ISL_1006040, EPI_ISL_1006043, EPI_ISL_1006044, EPI_ISL_1006045, EPI_ISL_1006048, EPI_ISL_1006049, EPI_ISL_1006051, EPI_ISL_1006053, EPI_ISL_1006058, EPI_ISL_1006060, EPI_ISL_1006067, EPI_ISL_1006069, EPI_ISL_1006076, EPI_ISL_1006078, EPI_ISL_1006079, EPI_ISL_1006081, EPI_ISL_1006082, EPI_ISL_1006086, EPI_ISL_1006088, EPI_ISL_1006089, EPI_ISL_1006095, EPI_ISL_1006100, EPI_ISL_1006101, EPI_ISL_1006103, EPI_ISL_1006105, EPI_ISL_1006107, EPI_ISL_1006110, EPI_ISL_1006111, EPI_ISL_1006113, EPI_ISL_1006115, EPI_ISL_1006116, EPI_ISL_1006118, EPI_ISL_1006120, EPI_ISL_1006121, EPI_ISL_1006123, EPI_ISL_1006124, EPI_ISL_1006125, EPI_ISL_1006126, EPI_ISL_1006130, EPI_ISL_1006131, EPI_ISL_1006132, EPI_ISL_1006133, EPI_ISL_1006135, EPI_ISL_1006137			
see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1006139	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1006142, EPI_ISL_1006143, EPI_ISL_1006144, EPI_ISL_1006146, EPI_ISL_1006148, EPI_ISL_1006149, EPI_ISL_1006153, EPI_ISL_1006154, EPI_ISL_1006155, EPI_ISL_1006157, EPI_ISL_1006158, EPI_ISL_1006162, EPI_ISL_1006166, EPI_ISL_1006171, EPI_ISL_1006173, EPI_ISL_1006175, EPI_ISL_1006176, EPI_ISL_1006177, EPI_ISL_1006179, EPI_ISL_1006180, EPI_ISL_1006181, EPI_ISL_1006183, EPI_ISL_1006184, EPI_ISL_1006185			
see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1006249, EPI_ISL_1006262, EPI_ISL_1006267, EPI_ISL_1006269, EPI_ISL_1006280, EPI_ISL_1006283, EPI_ISL_1006291, EPI_ISL_1006301, EPI_ISL_1006308, EPI_ISL_1006312, EPI_ISL_1006313, EPI_ISL_1006317, EPI_ISL_1006322, EPI_ISL_1006323, EPI_ISL_1006324, EPI_ISL_1006331			
see above	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_1006540, EPI_ISL_1006542, EPI_ISL_1006543, EPI_ISL_1006937, EPI_ISL_1006938, EPI_ISL_1006939	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_1006940	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_1007192, EPI_ISL_1007200, EPI_ISL_1007242, EPI_ISL_1007262, EPI_ISL_1007269, EPI_ISL_1007292, EPI_ISL_1007296, EPI_ISL_1007337, EPI_ISL_1007346, EPI_ISL_1007349, EPI_ISL_1007357, EPI_ISL_1007367, EPI_ISL_1007369, EPI_ISL_1007381, EPI_ISL_1007404, EPI_ISL_1007405, EPI_ISL_1007407, EPI_ISL_1007415, EPI_ISL_1007416, EPI_ISL_1007417, EPI_ISL_1007428, EPI_ISL_1007430, EPI_ISL_1007445, EPI_ISL_1007446, EPI_ISL_1007448, EPI_ISL_1007449, EPI_ISL_1007450, EPI_ISL_1007451, EPI_ISL_1007452, EPI_ISL_1007453, EPI_ISL_1007456, EPI_ISL_1007457, EPI_ISL_1007458, EPI_ISL_1007459, EPI_ISL_1007461, EPI_ISL_1007464, EPI_ISL_1007469, EPI_ISL_1007472, EPI_ISL_1007473, EPI_ISL_1007474, EPI_ISL_1007477, EPI_ISL_1007478, EPI_ISL_1007479, EPI_ISL_1007480, EPI_ISL_1007481, EPI_ISL_1007486, EPI_ISL_1007491, EPI_ISL_1007492, EPI_ISL_1007495, EPI_ISL_1007497, EPI_ISL_1007500, EPI_ISL_1007502, EPI_ISL_1007504, EPI_ISL_1007505, EPI_ISL_1007506, EPI_ISL_1007509, EPI_ISL_1007510, EPI_ISL_1007511, EPI_ISL_1007512, EPI_ISL_1007513, EPI_ISL_1007514, EPI_ISL_1007515, EPI_ISL_1007516, EPI_ISL_1007519, EPI_ISL_1007521, EPI_ISL_1007522, EPI_ISL_1007529, EPI_ISL_1007531, EPI_ISL_1007534, EPI_ISL_1007535, EPI_ISL_1007536, EPI_ISL_1007537, EPI_ISL_1007538, EPI_ISL_1007539, EPI_ISL_1007540, EPI_ISL_1007541, EPI_ISL_1007544, EPI_ISL_1007545, EPI_ISL_1007546, EPI_ISL_1007547			
see above	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_1007940, EPI_ISL_1007941, EPI_ISL_1007942, EPI_ISL_1007943, EPI_ISL_1007944, EPI_ISL_1007945, EPI_ISL_1007948, EPI_ISL_1007954, EPI_ISL_1007955, EPI_ISL_1007956, EPI_ISL_1007957, EPI_ISL_1007958, EPI_ISL_1007959, EPI_ISL_1007960, EPI_ISL_1007962, EPI_ISL_1007964, EPI_ISL_1007965, EPI_ISL_1007967, EPI_ISL_1007970, EPI_ISL_1007971			
see above	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulis, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba
EPI_ISL_1008665, EPI_ISL_1008668	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.
EPI_ISL_1008671, EPI_ISL_1008673, EPI_ISL_1008675, EPI_ISL_1008676, EPI_ISL_1008677	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A., Giannico A.
EPI_ISL_1008679, EPI_ISL_1008680, EPI_ISL_1008681, EPI_ISL_1008682, EPI_ISL_1008683, EPI_ISL_1008684, EPI_ISL_1008685, EPI_ISL_1008686	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.
EPI_ISL_1008688, EPI_ISL_1008689, EPI_ISL_1008691, EPI_ISL_1008693,	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A., Giannico A.

EPI_ISL_1008695, EPI_ISL_1008696, EPI_ISL_1008697, EPI_ISL_1008698, EPI_ISL_1008699, EPI_ISL_1008701			
EPI_ISL_1008922	LA Office of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1008928, EPI_ISL_1008929	MS Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1009224, EPI_ISL_1009227, EPI_ISL_1009232, EPI_ISL_1009233, EPI_ISL_1009250, EPI_ISL_1009251	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_1009670	Auburn Sports Medicine	Synergy Laboratories	Megan Cornwell
EPI_ISL_1009712, EPI_ISL_1009722, EPI_ISL_1009724, EPI_ISL_1009729, EPI_ISL_1009754, EPI_ISL_1009759, EPI_ISL_1009762, EPI_ISL_1009776, EPI_ISL_1009795	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1010709	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1012404, EPI_ISL_1012405, EPI_ISL_1012408, EPI_ISL_1012410, EPI_ISL_1012411, EPI_ISL_1012413, EPI_ISL_1012415, EPI_ISL_1012417, EPI_ISL_1012418, EPI_ISL_1012420, EPI_ISL_1012422, EPI_ISL_1012425, EPI_ISL_1012426, EPI_ISL_1012427, EPI_ISL_1012429, EPI_ISL_1012434, EPI_ISL_1012435, EPI_ISL_1012436, EPI_ISL_1012440, EPI_ISL_1012441, EPI_ISL_1012442, EPI_ISL_1012443, EPI_ISL_1012444, EPI_ISL_1012445, EPI_ISL_1012446, EPI_ISL_1012447, EPI_ISL_1012451, EPI_ISL_1012452, EPI_ISL_1012454, EPI_ISL_1012455, EPI_ISL_1012459, EPI_ISL_1012460, EPI_ISL_1012461, EPI_ISL_1012462, EPI_ISL_1012463, EPI_ISL_1012464, EPI_ISL_1012465, EPI_ISL_1012466, EPI_ISL_1012467, EPI_ISL_1012471, EPI_ISL_1012472, EPI_ISL_1012473, EPI_ISL_1012474, EPI_ISL_1012476, EPI_ISL_1012477, EPI_ISL_1012478, EPI_ISL_1012479, EPI_ISL_1012483, EPI_ISL_1012485, EPI_ISL_1012486, EPI_ISL_1012487, EPI_ISL_1012488, EPI_ISL_1012489, EPI_ISL_1012490, EPI_ISL_1012491, EPI_ISL_1012492, EPI_ISL_1012494, EPI_ISL_1012495, EPI_ISL_1012497, EPI_ISL_1012502, EPI_ISL_1012503, EPI_ISL_1012504, EPI_ISL_1012505, EPI_ISL_1012506, EPI_ISL_1012507, EPI_ISL_1012508, EPI_ISL_1012510, EPI_ISL_1012511, EPI_ISL_1012512, EPI_ISL_1012515, EPI_ISL_1012516, EPI_ISL_1012517, EPI_ISL_1012518, EPI_ISL_1012519, EPI_ISL_1012520, EPI_ISL_1012522, EPI_ISL_1012524, EPI_ISL_1012525, EPI_ISL_1012526, EPI_ISL_1012527, EPI_ISL_1012528, EPI_ISL_1012529, EPI_ISL_1012530, EPI_ISL_1012533, EPI_ISL_1012534, EPI_ISL_1012536, EPI_ISL_1012538, EPI_ISL_1012540, EPI_ISL_1012542, EPI_ISL_1012544, EPI_ISL_1012546, EPI_ISL_1012547			
see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012551, EPI_ISL_1012552, EPI_ISL_1012553, EPI_ISL_1012554, EPI_ISL_1012555, EPI_ISL_1012556, EPI_ISL_1012557, EPI_ISL_1012559, EPI_ISL_1012560, EPI_ISL_1012561, EPI_ISL_1012562, EPI_ISL_1012563, EPI_ISL_1012566, EPI_ISL_1012567, EPI_ISL_1012568, EPI_ISL_1012569, EPI_ISL_1012571, EPI_ISL_1012572, EPI_ISL_1012573, EPI_ISL_1012574, EPI_ISL_1012575, EPI_ISL_1012576, EPI_ISL_1012577, EPI_ISL_1012578, EPI_ISL_1012579, EPI_ISL_1012580, EPI_ISL_1012581, EPI_ISL_1012582, EPI_ISL_1012584, EPI_ISL_1012585, EPI_ISL_1012587, EPI_ISL_1012588, EPI_ISL_1012590, EPI_ISL_1012593, EPI_ISL_1012599, EPI_ISL_1012601, EPI_ISL_1012603, EPI_ISL_1012604, EPI_ISL_1012605, EPI_ISL_1012606, EPI_ISL_1012607			
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_1012616, EPI_ISL_1012643, EPI_ISL_1012650, EPI_ISL_1012655, EPI_ISL_1012661, EPI_ISL_1012663, EPI_ISL_1012665	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_1012675, EPI_ISL_1012681	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_1012921	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1013095	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Eleonora Paparelli, Davide Scaglione, Michele Morgante
EPI_ISL_1013218, EPI_ISL_1013220	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_1013223	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_1013474, EPI_ISL_1013486	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_1013488	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013493	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_1013495	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013497	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013499, EPI_ISL_1013508, EPI_ISL_1013510	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013518, EPI_ISL_1013519, EPI_ISL_1013520	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_1013594	Imelda Hospital	Imelda Hospital	Johan Frans, Hanne Valgaeren, Dagmar Obbels
EPI_ISL_1013620, EPI_ISL_1013649, EPI_ISL_1013680, EPI_ISL_1013681, EPI_ISL_1013682, EPI_ISL_1013689, EPI_ISL_1013695, EPI_ISL_1013740, EPI_ISL_1013741, EPI_ISL_1013759, EPI_ISL_1013760, EPI_ISL_1013761, EPI_ISL_1013762, EPI_ISL_1013763, EPI_ISL_1013764, EPI_ISL_1013765, EPI_ISL_1013766, EPI_ISL_1013767, EPI_ISL_1013768, EPI_ISL_1013769, EPI_ISL_1013770			
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_1013771	Imelda Hospital	Imelda Hospital	Johan Frans, Hanne Valgaeren, Dagmar Obbels
EPI_ISL_1013785, EPI_ISL_1013788, EPI_ISL_1013799, EPI_ISL_1013800, EPI_ISL_1013801, EPI_ISL_1013803, EPI_ISL_1013890, EPI_ISL_1013891, EPI_ISL_1013893, EPI_ISL_1013924, EPI_ISL_1013925, EPI_ISL_1013926, EPI_ISL_1013927, EPI_ISL_1013928, EPI_ISL_1013929, EPI_ISL_1013930, EPI_ISL_1013931, EPI_ISL_1013932, EPI_ISL_1013933, EPI_ISL_1013934, EPI_ISL_1013935, EPI_ISL_1013936, EPI_ISL_1013937, EPI_ISL_1013938, EPI_ISL_1013939, EPI_ISL_1013940, EPI_ISL_1013941, EPI_ISL_1013942, EPI_ISL_1013943, EPI_ISL_1013944, EPI_ISL_1013945, EPI_ISL_1013946, EPI_ISL_1013947, EPI_ISL_1013948, EPI_ISL_1013949, EPI_ISL_1013950, EPI_ISL_1013951, EPI_ISL_1013952, EPI_ISL_1013953, EPI_ISL_1013954, EPI_ISL_1013955, EPI_ISL_1013956, EPI_ISL_1013957, EPI_ISL_1014128, EPI_ISL_1014156, EPI_ISL_1014157, EPI_ISL_1014158, EPI_ISL_1014159, EPI_ISL_1014160, EPI_ISL_1014161, EPI_ISL_1014166, EPI_ISL_1014167, EPI_ISL_1014168, EPI_ISL_1014169, EPI_ISL_1014170, EPI_ISL_1014171, EPI_ISL_1014172, EPI_ISL_1014173, EPI_ISL_1014174, EPI_ISL_1014175, EPI_ISL_1014176, EPI_ISL_1014177, EPI_ISL_1014178, EPI_ISL_1014179, EPI_ISL_1014180, EPI_ISL_1014181, EPI_ISL_1014182, EPI_ISL_1014183, EPI_ISL_1014184, EPI_ISL_1014185, EPI_ISL_1014186, EPI_ISL_1014187, EPI_ISL_1014188, EPI_ISL_1014189, EPI_ISL_1014190, EPI_ISL_1014191, EPI_ISL_1014192, EPI_ISL_1014193, EPI_ISL_1014194, EPI_ISL_1014195, EPI_ISL_1014196, EPI_ISL_1014197, EPI_ISL_1014198, EPI_ISL_1014199, EPI_ISL_1014200, EPI_ISL_1014201, EPI_ISL_1014202, EPI_ISL_1014203, EPI_ISL_1014204, EPI_ISL_1014205, EPI_ISL_1014206, EPI_ISL_1014207, EPI_ISL_1014208, EPI_ISL_1014209, EPI_ISL_1014210, EPI_ISL_1014211, EPI_ISL_1014212, EPI_ISL_1014213, EPI_ISL_1014214, EPI_ISL_1014215, EPI_ISL_1014216, EPI_ISL_1014217, EPI_ISL_1014218, EPI_ISL_1014221, EPI_ISL_1014222, EPI_ISL_1014223, EPI_ISL_1014224, EPI_ISL_1014225, EPI_ISL_1014226, EPI_ISL_1014227, EPI_ISL_1014228, EPI_ISL_1014229, EPI_ISL_1014230, EPI_ISL_1014231, EPI_ISL_1014232, EPI_ISL_1014233, EPI_ISL_1014234, EPI_ISL_1014235			
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_1014237	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.	
EPI_ISL_1014872, EPI_ISL_1014874, EPI_ISL_1014877	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano	
EPI_ISL_1015532, EPI_ISL_1015533, EPI_ISL_1015534, EPI_ISL_1015535, EPI_ISL_1015536, EPI_ISL_1015537, EPI_ISL_1015538, EPI_ISL_1015539, EPI_ISL_1015540, EPI_ISL_1015541, EPI_ISL_1015542, EPI_ISL_1015543, EPI_ISL_1015544, EPI_ISL_1015545, EPI_ISL_1015546, EPI_ISL_1015547, EPI_ISL_1015548, EPI_ISL_1015549, EPI_ISL_1015550, EPI_ISL_1015551, EPI_ISL_1015552, EPI_ISL_1015553, EPI_ISL_1015554, EPI_ISL_1015555, EPI_ISL_1015556, EPI_ISL_1015557, EPI_ISL_1015558, EPI_ISL_1015559, EPI_ISL_1015560	see above	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante
EPI_ISL_1015566, EPI_ISL_1015572, EPI_ISL_1015575, EPI_ISL_1015577, EPI_ISL_1015578, EPI_ISL_1015579, EPI_ISL_1015580, EPI_ISL_1015581, EPI_ISL_1015582, EPI_ISL_1015583, EPI_ISL_1015584, EPI_ISL_1015585, EPI_ISL_1015586, EPI_ISL_1015587, EPI_ISL_1015588, EPI_ISL_1015589, EPI_ISL_1015590, EPI_ISL_1015591, EPI_ISL_1015592, EPI_ISL_1015593, EPI_ISL_1015616, EPI_ISL_1015617, EPI_ISL_1015618, EPI_ISL_1015619, EPI_ISL_1015620, EPI_ISL_1015621, EPI_ISL_1015622, EPI_ISL_1015623, EPI_ISL_1015624, EPI_ISL_1015627, EPI_ISL_1015628, EPI_ISL_1015629, EPI_ISL_1015630, EPI_ISL_1015631, EPI_ISL_1015632, EPI_ISL_1015633, EPI_ISL_1015634, EPI_ISL_1015635, EPI_ISL_1015636, EPI_ISL_1015637, EPI_ISL_1015638, EPI_ISL_1015639, EPI_ISL_1015640, EPI_ISL_1015641, EPI_ISL_1015642, EPI_ISL_1015643, EPI_ISL_1015644	see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1016004, EPI_ISL_1016005, EPI_ISL_1016006	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, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure	
EPI_ISL_1016241, EPI_ISL_1016243, EPI_ISL_1016245, EPI_ISL_1016246, EPI_ISL_1016248	New York Presbyterian 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_1016249, EPI_ISL_1016250	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_1016601	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1016858	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt	
EPI_ISL_1016865	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt	
EPI_ISL_1016884	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic T., Goletic S., Softic A., Alic-Seho A., Nivicic M., Sabic E., Terzic I., Jazic A., Hodzic A.	
EPI_ISL_1017969, EPI_ISL_1017970	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017971	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017974	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017977	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017979	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017980	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017982, EPI_ISL_1017983	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017987	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1017990	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1018032, EPI_ISL_1018035, EPI_ISL_1018045	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1020018, EPI_ISL_1020019	AZ Klina	AZ Klina	Dr. C. Vael	
EPI_ISL_1020302	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_1020314	Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19	Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19	Fabio Tramuto, Carmelo Massimo Maida, Daniela Di Naro, Giulia Randazzo, Walter Mazzucco, Giorgio Graziano, Vincenzo Restivo, Claudio Costantino, Francesco Vitale	
EPI_ISL_1020350, EPI_ISL_1020351, EPI_ISL_1020352, EPI_ISL_1020354, EPI_ISL_1020355, EPI_ISL_1020367, EPI_ISL_1020368, EPI_ISL_1020369, EPI_ISL_1020376, EPI_ISL_1020377, EPI_ISL_1020387, EPI_ISL_1020393, EPI_ISL_1020408	see above	MEPHI, Aix Marseille University	Anthony LEVASSEUR	
EPI_ISL_1020562, EPI_ISL_1020571, EPI_ISL_1020572, EPI_ISL_1020573, EPI_ISL_1020578, EPI_ISL_1020587, EPI_ISL_1020589	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón	
EPI_ISL_1033566, EPI_ISL_1033574, EPI_ISL_1033579, EPI_ISL_1033583, EPI_ISL_1033584, EPI_ISL_1033589, EPI_ISL_1033590, EPI_ISL_1033592, EPI_ISL_1033595, EPI_ISL_1033600, EPI_ISL_1033602, EPI_ISL_1033603, EPI_ISL_1033607, EPI_ISL_1033611, EPI_ISL_1033612, EPI_ISL_1033614, EPI_ISL_1033622, EPI_ISL_1033625, EPI_ISL_1033626, EPI_ISL_1033627, EPI_ISL_1033628, EPI_ISL_1033632, EPI_ISL_1033636, EPI_ISL_1033638, EPI_ISL_1033645, EPI_ISL_1033648, EPI_ISL_1033650, EPI_ISL_1033651, EPI_ISL_1033655, EPI_ISL_1033656, EPI_ISL_1033658, EPI_ISL_1033661, EPI_ISL_1033664, EPI_ISL_1033668, EPI_ISL_1033671, EPI_ISL_1033676, EPI_ISL_1033679, EPI_ISL_1033680, EPI_ISL_1033683, EPI_ISL_1033686, EPI_ISL_1033688, EPI_ISL_1033691, EPI_ISL_1033692, EPI_ISL_1033698, EPI_ISL_1033707, EPI_ISL_1033710, EPI_ISL_1033714, EPI_ISL_1033715, EPI_ISL_1033722, EPI_ISL_1033727, EPI_ISL_1033728, EPI_ISL_1033729, EPI_ISL_1033730, EPI_ISL_1033733, EPI_ISL_1033740, EPI_ISL_1033742, EPI_ISL_1033747, EPI_ISL_1033748, EPI_ISL_1033751, EPI_ISL_1033753, EPI_ISL_1033754, EPI_ISL_1033756, EPI_ISL_1033757, EPI_ISL_1033770, EPI_ISL_1033771, EPI_ISL_1033779, EPI_ISL_1033787, EPI_ISL_1033794, EPI_ISL_1033795, EPI_ISL_1033798, EPI_ISL_1033799, EPI_ISL_1033803, EPI_ISL_1033813, EPI_ISL_1033814, EPI_ISL_1033821, EPI_ISL_1033822, EPI_ISL_1033825, EPI_ISL_1033830, EPI_ISL_1033835, EPI_ISL_1033840, EPI_ISL_1033843, EPI_ISL_1033844, EPI_ISL_1033846, EPI_ISL_1033854, EPI_ISL_1033856, EPI_ISL_1033864, EPI_ISL_1033867, EPI_ISL_1033869, EPI_ISL_1033872, EPI_ISL_1033874, EPI_ISL_1033875, EPI_ISL_1033881, EPI_ISL_1033885, EPI_ISL_1033886, EPI_ISL_1033887, EPI_ISL_1033891, EPI_ISL_1033896, EPI_ISL_1033897, EPI_ISL_1033900, EPI_ISL_1033901, EPI_ISL_1033905, EPI_ISL_1033906, EPI_ISL_1033914, EPI_ISL_1033917, EPI_ISL_1033948, EPI_ISL_1033954, EPI_ISL_1033974, EPI_ISL_1034006, EPI_ISL_1034021, EPI_ISL_1034044, EPI_ISL_1034045, EPI_ISL_1034056, EPI_ISL_1034067, EPI_ISL_1034078, EPI_ISL_1034080, EPI_ISL_1034082, EPI_ISL_1034090, EPI_ISL_1034097, EPI_ISL_1034099, EPI_ISL_1034111, EPI_ISL_1034112, EPI_ISL_1034115, EPI_ISL_1034134	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, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Silittle on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1034749	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_1034821, EPI_ISL_1034822, EPI_ISL_1034823, EPI_ISL_1034824, EPI_ISL_1034825, EPI_ISL_1034826	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen	

EPI_ISL_1034827, EPI_ISL_1034828, EPI_ISL_1034829, EPI_ISL_1034878, EPI_ISL_1034879	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034929, EPI_ISL_1034940, EPI_ISL_1034948, EPI_ISL_1035010, EPI_ISL_1035013, EPI_ISL_1035045, EPI_ISL_1035046, EPI_ISL_1035053, EPI_ISL_1035068, EPI_ISL_1035087, EPI_ISL_1035092, EPI_ISL_1035101, EPI_ISL_1035103, EPI_ISL_1035104, EPI_ISL_1035115, EPI_ISL_1035142, EPI_ISL_1035144, EPI_ISL_1035146, EPI_ISL_1035159, EPI_ISL_1035162, EPI_ISL_1035186, EPI_ISL_1035187, EPI_ISL_1035190, EPI_ISL_1035200, EPI_ISL_1035227, EPI_ISL_1035252, EPI_ISL_1035254, EPI_ISL_1035255, EPI_ISL_1035283, EPI_ISL_1035428, EPI_ISL_1035429, EPI_ISL_1035434, EPI_ISL_1035435, EPI_ISL_1035436, EPI_ISL_1035437, EPI_ISL_1035438, EPI_ISL_1035439, EPI_ISL_1035442, EPI_ISL_1035443, EPI_ISL_1035444, EPI_ISL_1035445, EPI_ISL_1035446, EPI_ISL_1035447, EPI_ISL_1035450, EPI_ISL_1035451, EPI_ISL_1035452, EPI_ISL_1035562, EPI_ISL_1035564, EPI_ISL_1035565, EPI_ISL_1035569, EPI_ISL_1035580, EPI_ISL_1035609, EPI_ISL_1035615, EPI_ISL_1035625, EPI_ISL_1035626, EPI_ISL_1035666, EPI_ISL_1035670, EPI_ISL_1035704, EPI_ISL_1035707, EPI_ISL_1035708, EPI_ISL_1035713, EPI_ISL_1035726, EPI_ISL_1035727, EPI_ISL_1035728, EPI_ISL_1035729, EPI_ISL_1035730, EPI_ISL_1035731, EPI_ISL_1035750, EPI_ISL_1035751			
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_1035871, EPI_ISL_1035900, EPI_ISL_1035901	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; Università degli Studi di Siena, Siena, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Maria Grazia Cusi, Gabriele Anichini, Claudia Gandolfo, Gianni Gori Savellini, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1035958	Hopital CH Jeanne de Navarre Laboratoire de 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, Thellier
EPI_ISL_1035962	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, Ravaux Jean Jacques
EPI_ISL_1035966	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; Università degli Studi di Siena, Siena, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Maria Grazia Cusi, Gabriele Anichini, Claudia Gandolfo, Gianni Gori Savellini, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1036228, EPI_ISL_1036229	P.O.CARDARELLI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, Lorusso A, Marccacci M, Di Domenico M, Ancora M, Calurini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1036291, EPI_ISL_1036299, EPI_ISL_1036303, EPI_ISL_1036343	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_1036377, EPI_ISL_1036378, EPI_ISL_1036379, EPI_ISL_1036380, EPI_ISL_1036381, EPI_ISL_1036382, EPI_ISL_1036383, EPI_ISL_1036384, EPI_ISL_1036385, EPI_ISL_1036391, EPI_ISL_1036392, EPI_ISL_1036393, EPI_ISL_1036394, EPI_ISL_1036395, EPI_ISL_1036396, EPI_ISL_1036397	see above	hospital Centre de Biologie humaine CHU Amiens	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris
EPI_ISL_1036398, EPI_ISL_1036399, EPI_ISL_1036400, EPI_ISL_1036401, EPI_ISL_1036402	Hopital CH René Dubos - Laboratoire de Biologie médicale	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_1036408	hospital 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, Lueruez-Ville Marianne
EPI_ISL_1036409, EPI_ISL_1036414, EPI_ISL_1036415, EPI_ISL_1036416, EPI_ISL_1036423	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_1036427	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_1036582	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_1036755	Unità Operativa di Microbiologia, IRCCS Policlinico di Sant'Orsola, Azienda Ospedaliero-Universitaria di Bologna	Unità di Analisi del Rischio ed Epidemiologia Genomica, Istituto Zooprofilattico Sperimentale dell'Emilia Romagna e della Lombardia (IZSLER)	Giada Rossini, Giuliano Furlini, Tiziana Lazzarotto, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1038796	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1038825, EPI_ISL_1038833, EPI_ISL_1038837	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1038887, EPI_ISL_1038888, EPI_ISL_1038889, EPI_ISL_1038890, EPI_ISL_1038891, EPI_ISL_1038892, EPI_ISL_1038893, EPI_ISL_1038894, EPI_ISL_1038895, EPI_ISL_1038896, EPI_ISL_1038900, EPI_ISL_1038901, EPI_ISL_1038902, EPI_ISL_1038904, EPI_ISL_1038905, EPI_ISL_1038906, EPI_ISL_1038907, EPI_ISL_1038908, EPI_ISL_1038909, EPI_ISL_1038910, EPI_ISL_1038911, EPI_ISL_1038914, EPI_ISL_1038915, EPI_ISL_1038916, EPI_ISL_1038918, EPI_ISL_1038919, EPI_ISL_1038920	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
see above	Platform BIS UZA/Uantwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1039217, EPI_ISL_1039220	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Rona S. Scott, Jennifer L. Carroll, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevil, John A. Vanchiere, Daniel J. Snyder, Vaughn S. Cooper, Jeremy P. Kamil
EPI_ISL_1039677, EPI_ISL_1039678	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jennifer L. Carroll, Maarten Van Diest, Andrew D. Yurochko, Rona S. Scott, Christopher G. Kevil, John A. Vanchiere, Daniel J. Snyder, Vaughn S. Cooper, Jeremy P. Kamil
EPI_ISL_1039679, EPI_ISL_1039680, EPI_ISL_1039681	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1039716, EPI_ISL_1039722	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_1039770, EPI_ISL_1039771, EPI_ISL_1039772, EPI_ISL_1039773, EPI_ISL_1039774, EPI_ISL_1039775, EPI_ISL_1039776, EPI_ISL_1039777, EPI_ISL_1039778, EPI_ISL_1039779			
EPI_ISL_1039898, EPI_ISL_1039905	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_1040054, EPI_ISL_1040055, EPI_ISL_1040056, EPI_ISL_1040058, EPI_ISL_1040059, EPI_ISL_1040062	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1040150	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_1040158	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1040159, EPI_ISL_1040160	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1040166	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1040274, EPI_ISL_1040280, EPI_ISL_1040281, EPI_ISL_1040283,	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, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis

EPI_ISL_1040284, EPI_ISL_1040288, EPI_ISL_1040347, EPI_ISL_1040368				
EPI_ISL_1040476	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens	
EPI_ISL_1040627, EPI_ISL_1040628, EPI_ISL_1040629, EPI_ISL_1040630, EPI_ISL_1040631, EPI_ISL_1040632, EPI_ISL_1040633	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_1040899, EPI_ISL_1040911, EPI_ISL_1040912, EPI_ISL_1040913	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_1041213, EPI_ISL_1041214, EPI_ISL_1041215, EPI_ISL_1041216, EPI_ISL_1041217, EPI_ISL_1041218, EPI_ISL_1041220, EPI_ISL_1041221, EPI_ISL_1041222, EPI_ISL_1041223, EPI_ISL_1041224, EPI_ISL_1041226, EPI_ISL_1041227, EPI_ISL_1041228, EPI_ISL_1041229	see above	Pandemic Response Lab - NYC	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent	
EPI_ISL_1042022, EPI_ISL_1042056, EPI_ISL_1042095, EPI_ISL_1042129, EPI_ISL_1042133, EPI_ISL_1042193, EPI_ISL_1042221, EPI_ISL_1042254, EPI_ISL_1042261, EPI_ISL_1042319, EPI_ISL_1042343, EPI_ISL_1042567, EPI_ISL_1042581, EPI_ISL_1042586, EPI_ISL_1042592, EPI_ISL_1042596, EPI_ISL_1042598, EPI_ISL_1042599, EPI_ISL_1042601, EPI_ISL_1042603, EPI_ISL_1042603, EPI_ISL_1042604, EPI_ISL_1042606, EPI_ISL_1042609, EPI_ISL_1042614, EPI_ISL_1042617, EPI_ISL_1042619, EPI_ISL_1042621, EPI_ISL_1042626, EPI_ISL_1042627, EPI_ISL_1042631	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_1042632	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1042637, EPI_ISL_1042643, EPI_ISL_1042659, EPI_ISL_1042661, EPI_ISL_1042666, EPI_ISL_1042673, EPI_ISL_1042674, EPI_ISL_1042677, EPI_ISL_1042684, EPI_ISL_1042691, EPI_ISL_1042696, EPI_ISL_1042720, EPI_ISL_1042721, EPI_ISL_1042730, EPI_ISL_1042731, EPI_ISL_1042734, EPI_ISL_1042742, EPI_ISL_1042744, EPI_ISL_1042756, EPI_ISL_1042765, EPI_ISL_1042769, EPI_ISL_1042774, EPI_ISL_1042777, EPI_ISL_1042779, EPI_ISL_1042783, EPI_ISL_1042784, EPI_ISL_1042786, EPI_ISL_1042789, EPI_ISL_1042793	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_1042796	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1042800, EPI_ISL_1042801, EPI_ISL_1042803, EPI_ISL_1042807, EPI_ISL_1042809, EPI_ISL_1042813, EPI_ISL_1042815, EPI_ISL_1042819, EPI_ISL_1042821, EPI_ISL_1042824, EPI_ISL_1042828	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_1043308	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1043346, EPI_ISL_1043351, EPI_ISL_1043352, EPI_ISL_1043354, EPI_ISL_1043359, EPI_ISL_1043364, EPI_ISL_1043369, EPI_ISL_1043376, EPI_ISL_1043377, EPI_ISL_1043378, EPI_ISL_1043379, EPI_ISL_1043390, EPI_ISL_1043392, EPI_ISL_1043393, EPI_ISL_1043395, EPI_ISL_1043404, EPI_ISL_1043408, EPI_ISL_1043409, EPI_ISL_1043412, EPI_ISL_1043420, EPI_ISL_1043423, EPI_ISL_1043424, EPI_ISL_1043428, EPI_ISL_1043431, EPI_ISL_1043432, EPI_ISL_1043442, EPI_ISL_1043449, EPI_ISL_1043451, EPI_ISL_1043454, EPI_ISL_1043456, EPI_ISL_1043457, EPI_ISL_1043462, EPI_ISL_1043466, EPI_ISL_1043467, EPI_ISL_1043469, EPI_ISL_1043470, EPI_ISL_1043474, EPI_ISL_1043475, EPI_ISL_1043479, EPI_ISL_1043480, EPI_ISL_1043487, EPI_ISL_1043492, EPI_ISL_1043498, EPI_ISL_1043503, EPI_ISL_1043505, EPI_ISL_1043507, EPI_ISL_1043508, EPI_ISL_1043511, EPI_ISL_1043514, EPI_ISL_1043516, EPI_ISL_1043519, EPI_ISL_1043520, EPI_ISL_1043523, EPI_ISL_1043525, EPI_ISL_1043530, EPI_ISL_1043533, EPI_ISL_1043534, EPI_ISL_1043535, EPI_ISL_1043541, EPI_ISL_1043555, EPI_ISL_1043559, EPI_ISL_1043566, EPI_ISL_1043568, EPI_ISL_1045771	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_1045888, EPI_ISL_1045905, EPI_ISL_1045906, EPI_ISL_1045909, EPI_ISL_1045910, EPI_ISL_1045915, EPI_ISL_1045916, EPI_ISL_1045919, EPI_ISL_1045922, EPI_ISL_1045928, EPI_ISL_1045929, EPI_ISL_1045930, EPI_ISL_1045935, EPI_ISL_1045941, EPI_ISL_1045946, EPI_ISL_1045950, EPI_ISL_1045953, EPI_ISL_1045964, EPI_ISL_1045966	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, 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_1046786	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	
EPI_ISL_1046795, EPI_ISL_1046796, EPI_ISL_1046805, EPI_ISL_1046806, EPI_ISL_1046807, EPI_ISL_1046808, EPI_ISL_1046816, EPI_ISL_1046819, EPI_ISL_1046820, EPI_ISL_1046828, EPI_ISL_1046831, EPI_ISL_1046839, EPI_ISL_1046841, EPI_ISL_1046850, EPI_ISL_1046851, EPI_ISL_1046853, EPI_ISL_1046861, EPI_ISL_1046862, EPI_ISL_1046864, EPI_ISL_1046873, EPI_ISL_1046876, EPI_ISL_1046885	see above	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Esteban, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori
EPI_ISL_1047027, EPI_ISL_1047028, EPI_ISL_1047029, EPI_ISL_1047033, EPI_ISL_1047046	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_1047073, EPI_ISL_1047074, EPI_ISL_1047075, EPI_ISL_1047083, EPI_ISL_1047087	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_1047847, EPI_ISL_1047848, EPI_ISL_1047849, EPI_ISL_1047850	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_1047878, EPI_ISL_1047879, EPI_ISL_1047880, EPI_ISL_1047881, EPI_ISL_1047882, EPI_ISL_1047883	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_1048061, EPI_ISL_1048072, EPI_ISL_1048129	Barts Health NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	CUTINO-MOGUEL, Maria-Teresa; HARRINGTON, David; OWOYEMI, Dola; KULASEGARAN-SHYLINI, Raghavendran; BROAD, Claire; KELE, Beatrix	
EPI_ISL_1048407, EPI_ISL_1048408, EPI_ISL_1048409, EPI_ISL_1048410, EPI_ISL_1048428, EPI_ISL_1048429	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Sylvia Krzowska, Monika Czerwiska, Barbara Doliska, Ewa Liszewska, Tomasz Jakubczak, Marta ukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Róycka, Beata Wasiek	
EPI_ISL_1048597, EPI_ISL_1048598, EPI_ISL_1048735, EPI_ISL_1048736, EPI_ISL_1048737, EPI_ISL_1048738, EPI_ISL_1048739, EPI_ISL_1048740, EPI_ISL_1048741, EPI_ISL_1048742, EPI_ISL_1048743, EPI_ISL_1048744, EPI_ISL_1048745, EPI_ISL_1048746, EPI_ISL_1048747, EPI_ISL_1048748, EPI_ISL_1048749, EPI_ISL_1048750, EPI_ISL_1048751	see above	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1048804	Arizona State University	Arizona State University	Emily A. Kaelin, LaRinda A. Holland, Peter T. Skidmore, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrem S. Lim	
EPI_ISL_1048822, EPI_ISL_1048823, EPI_ISL_1048824, EPI_ISL_1048825	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante	
EPI_ISL_1049222	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong	

EPI_ISL_1049260	Struttura Semplice Dipartimentale di Virologia e Microbiologia molecolare, Azienda Ospedaliero-Universitaria, Policlinico di Modena	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Pecorari Monica, Gennari William, Fregni Serpini Giulia, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1049615, EPI_ISL_1049621, EPI_ISL_1049622, EPI_ISL_1049632, EPI_ISL_1049634, EPI_ISL_1049636, EPI_ISL_1049653	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_1049772, EPI_ISL_1049789, EPI_ISL_1049791, EPI_ISL_1049793, EPI_ISL_1049811	Altius Institute for Biomedical Sciences	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, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, 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_1049853, EPI_ISL_1049854, EPI_ISL_1049855, EPI_ISL_1049856, EPI_ISL_1049857	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1049988, EPI_ISL_1049989, EPI_ISL_1049990, EPI_ISL_1049991, EPI_ISL_1049992, EPI_ISL_1049993, EPI_ISL_1049994, EPI_ISL_1049995, EPI_ISL_1049996, EPI_ISL_1049997, EPI_ISL_1049998			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1050183, EPI_ISL_1050185, EPI_ISL_1050186, EPI_ISL_1050187, EPI_ISL_1050188, EPI_ISL_1050189, EPI_ISL_1050190, EPI_ISL_1050191, EPI_ISL_1050192, EPI_ISL_1050193, EPI_ISL_1050194			
see above	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_1050326	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_1050372, EPI_ISL_1050373, EPI_ISL_1050374, EPI_ISL_1050384, EPI_ISL_1050385, EPI_ISL_1050386, EPI_ISL_1050387, EPI_ISL_1050388, EPI_ISL_1050389, EPI_ISL_1050390, EPI_ISL_1050391, EPI_ISL_1050396, EPI_ISL_1050398, EPI_ISL_1050401, EPI_ISL_1050402, EPI_ISL_1050403, EPI_ISL_1050404, EPI_ISL_1050405, EPI_ISL_1050406, EPI_ISL_1050407, EPI_ISL_1050408			
see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1050568	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_1051324, EPI_ISL_1051325, EPI_ISL_1051326, EPI_ISL_1051327, EPI_ISL_1051328, EPI_ISL_1051330, EPI_ISL_1051331, EPI_ISL_1051332, EPI_ISL_1051333, EPI_ISL_1051334, EPI_ISL_1051335, EPI_ISL_1051339, EPI_ISL_1051340, EPI_ISL_1051410			
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_1051556	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 Tsoieridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1051763, EPI_ISL_1051764	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_1052359, EPI_ISL_1052360, EPI_ISL_1052361, EPI_ISL_1052362, EPI_ISL_1052365, EPI_ISL_1052367, EPI_ISL_1052375, EPI_ISL_1052385, EPI_ISL_1052386, EPI_ISL_1052399, EPI_ISL_1052401, EPI_ISL_1052404, EPI_ISL_1052405, EPI_ISL_1052421, EPI_ISL_1052426, EPI_ISL_1052427, EPI_ISL_1052431, EPI_ISL_1052433, EPI_ISL_1052437, EPI_ISL_1052438, EPI_ISL_1052440, EPI_ISL_1052443, EPI_ISL_1052446, EPI_ISL_1052447, EPI_ISL_1052449, EPI_ISL_1052451, EPI_ISL_1052454, EPI_ISL_1052456, EPI_ISL_1052458, EPI_ISL_1052476, EPI_ISL_1052481, EPI_ISL_1052538, EPI_ISL_1052539, EPI_ISL_1052540, EPI_ISL_1052541, EPI_ISL_1052545, EPI_ISL_1052549, EPI_ISL_1052553, EPI_ISL_1052554, EPI_ISL_1052555, EPI_ISL_1052557, EPI_ISL_1052558, EPI_ISL_1052559, EPI_ISL_1052666, EPI_ISL_1052669, EPI_ISL_1052681, EPI_ISL_1052715, EPI_ISL_1052753, EPI_ISL_1053105, EPI_ISL_1053106, EPI_ISL_1053107, EPI_ISL_1053108, EPI_ISL_1053492, EPI_ISL_1053494, EPI_ISL_1053625, EPI_ISL_1053630, EPI_ISL_1053631			
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_1053750, EPI_ISL_1053943, EPI_ISL_1053945, EPI_ISL_1053947, EPI_ISL_1053950, EPI_ISL_1053965, EPI_ISL_1053967	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_1054259, EPI_ISL_1054265, EPI_ISL_1054326	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_1054572	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_1054773	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_1055009, EPI_ISL_1055010, EPI_ISL_1055011, EPI_ISL_1055012, EPI_ISL_1055013, EPI_ISL_1055014, EPI_ISL_1055015, EPI_ISL_1055016, EPI_ISL_1055017, EPI_ISL_1055018, EPI_ISL_1055019, EPI_ISL_1055020			
see above	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_1055026, EPI_ISL_1055027, EPI_ISL_1055028, EPI_ISL_1055029, EPI_ISL_1055030, EPI_ISL_1055031	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1056119, EPI_ISL_1056123, EPI_ISL_1056124, EPI_ISL_1056125, EPI_ISL_1056133, EPI_ISL_1056326, EPI_ISL_1056327, EPI_ISL_1056328, EPI_ISL_1056329, EPI_ISL_1056330, EPI_ISL_1056331, EPI_ISL_1056332, EPI_ISL_1056333, EPI_ISL_1056334, EPI_ISL_1056335, EPI_ISL_1056336, EPI_ISL_1056337, EPI_ISL_1056338, EPI_ISL_1056339, EPI_ISL_1056340, EPI_ISL_1056341, EPI_ISL_1056342, EPI_ISL_1056343, EPI_ISL_1056344, EPI_ISL_1056346, EPI_ISL_1056347, EPI_ISL_1056349, EPI_ISL_1056350, EPI_ISL_1056351, EPI_ISL_1056378, EPI_ISL_1056379, EPI_ISL_1056390, EPI_ISL_1056391, EPI_ISL_1056405, EPI_ISL_1056406, EPI_ISL_1056407, EPI_ISL_1056408, EPI_ISL_1056409, EPI_ISL_1056410, EPI_ISL_1056411, EPI_ISL_1056426, EPI_ISL_1056427, EPI_ISL_1056428, EPI_ISL_1056429, EPI_ISL_1056430, EPI_ISL_1056538, EPI_ISL_1056539, EPI_ISL_1056540, EPI_ISL_1056541, EPI_ISL_1056546, EPI_ISL_1056572, EPI_ISL_1056573, EPI_ISL_1056574, EPI_ISL_1056575, EPI_ISL_1056576, EPI_ISL_1056578, EPI_ISL_1056579, EPI_ISL_1056580, EPI_ISL_1056581, EPI_ISL_1056582, EPI_ISL_1056583, EPI_ISL_1056585, EPI_ISL_1056586, EPI_ISL_1056587			
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_1056640, EPI_ISL_1056641, EPI_ISL_1056642, EPI_ISL_1056643, EPI_ISL_1056644	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_1056982, EPI_ISL_1056983, EPI_ISL_1056985, EPI_ISL_1056996, EPI_ISL_1057005, EPI_ISL_1057006, EPI_ISL_1057007, EPI_ISL_1057012, EPI_ISL_1057017, EPI_ISL_1057018, EPI_ISL_1057019, EPI_ISL_1057029, EPI_ISL_1057030, EPI_ISL_1057031, EPI_ISL_1057055, EPI_ISL_1057066, EPI_ISL_1057096	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1057665, EPI_ISL_1057666, EPI_ISL_1057669, EPI_ISL_1057670, EPI_ISL_1057671, EPI_ISL_1057672, EPI_ISL_1057674, EPI_ISL_1057677, EPI_ISL_1057678, EPI_ISL_1057679, EPI_ISL_1057680, EPI_ISL_1057681, EPI_ISL_1057682, EPI_ISL_1057683, EPI_ISL_1057764, EPI_ISL_1057765, EPI_ISL_1057766, EPI_ISL_1057767, EPI_ISL_1057768, EPI_ISL_1057769, EPI_ISL_1057770, EPI_ISL_1057771, EPI_ISL_1057772, EPI_ISL_1057773, EPI_ISL_1057774, EPI_ISL_1057775, EPI_ISL_1057776, EPI_ISL_1057777, EPI_ISL_1057778, EPI_ISL_1057779, EPI_ISL_1057780, EPI_ISL_1057781, EPI_ISL_1057782, EPI_ISL_1057783, EPI_ISL_1057784, EPI_ISL_1057785, EPI_ISL_1057786, EPI_ISL_1057787, EPI_ISL_1057788, EPI_ISL_1057789, EPI_ISL_1057790, EPI_ISL_1057791	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_1058039	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulis, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba	
EPI_ISL_1058043	SIESP CHIETI - DRIVE IN CHIETI	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_1058044, EPI_ISL_1058045	SIESP CHIETI - DRIVE IN ORTONA	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_1058061	Baylor Scott & White - Southlake Family Medicine	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson	
EPI_ISL_1058076	Cytocheck Laboratory	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam	
EPI_ISL_1058183, EPI_ISL_1058184, EPI_ISL_1058185, EPI_ISL_1058186, EPI_ISL_1058187, EPI_ISL_1058188, EPI_ISL_1058189	Hospital Universitari Joan XXIII de Tarragona	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_1058441, EPI_ISL_1058442	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_1058444	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_1058454, EPI_ISL_1058455, EPI_ISL_1058456, EPI_ISL_1058458, EPI_ISL_1058462	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_1058463, EPI_ISL_1058464, EPI_ISL_1058465, EPI_ISL_1058466, EPI_ISL_1058467, EPI_ISL_1058468, EPI_ISL_1058469, EPI_ISL_1058470, EPI_ISL_1058471, EPI_ISL_1058472, EPI_ISL_1058473, EPI_ISL_1058474, EPI_ISL_1058475, EPI_ISL_1058477, EPI_ISL_1058478, EPI_ISL_1058491, EPI_ISL_1058492, EPI_ISL_1058493, EPI_ISL_1058495, EPI_ISL_1058496, EPI_ISL_1058497	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_1058533	Clinique St Joseph Saint Vith	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_1058559	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_1058583	I.F.A.C. Hopital Princesse Paola	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_1058633, EPI_ISL_1058649, EPI_ISL_1058650, EPI_ISL_1058651, EPI_ISL_1058652, EPI_ISL_1058654, EPI_ISL_1058655, EPI_ISL_1058656, EPI_ISL_1058657, EPI_ISL_1058658, EPI_ISL_1058659, EPI_ISL_1058660, EPI_ISL_1058661, EPI_ISL_1058662, EPI_ISL_1058663, EPI_ISL_1058664	see above	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_1058778, EPI_ISL_1058783, EPI_ISL_1058793, EPI_ISL_1058794, EPI_ISL_1058802, EPI_ISL_1058865, EPI_ISL_1058868, EPI_ISL_1058869	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_1059096, EPI_ISL_1059180, EPI_ISL_1059181, EPI_ISL_1059182, EPI_ISL_1059183, EPI_ISL_1059184, EPI_ISL_1059185, EPI_ISL_1059186, EPI_ISL_1059187, EPI_ISL_1059188, EPI_ISL_1059189, EPI_ISL_1059190, EPI_ISL_1059191, EPI_ISL_1059192, EPI_ISL_1059193, EPI_ISL_1059194, EPI_ISL_1059195, EPI_ISL_1059196, EPI_ISL_1059197, EPI_ISL_1059198, EPI_ISL_1059199, EPI_ISL_1059200, EPI_ISL_1059201, EPI_ISL_1059202, EPI_ISL_1059203, EPI_ISL_1059204, EPI_ISL_1059205, EPI_ISL_1059206, EPI_ISL_1059207, EPI_ISL_1059208, EPI_ISL_1059209, EPI_ISL_1059210	see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1060162, EPI_ISL_1060183, EPI_ISL_1060184, EPI_ISL_1060185, EPI_ISL_1060186, EPI_ISL_1060187, EPI_ISL_1060188, EPI_ISL_1060189, EPI_ISL_1060190, EPI_ISL_1060191	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau	
EPI_ISL_1060371, EPI_ISL_1060373, EPI_ISL_1060376	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, Fiorina Jc	
EPI_ISL_1060383, EPI_ISL_1060387	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,Guinoiseau Thibault	
EPI_ISL_1060417, EPI_ISL_1060419	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, Fiorina Jc	
EPI_ISL_1060429	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,Guinoiseau Thibault	
EPI_ISL_1060469, EPI_ISL_1060474, EPI_ISL_1060477, EPI_ISL_1060481	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, Fiorina Jc	
EPI_ISL_1060490	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_1060571	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_1060573	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,Garand Anne-Laure	
EPI_ISL_1060580, EPI_ISL_1060581, EPI_ISL_1060586, EPI_ISL_1060587, EPI_ISL_1060591	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_1060595	Cytocheck Laboratory	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1060602, EPI_ISL_1060603, EPI_ISL_1060604, EPI_ISL_1060605, EPI_ISL_1060606, EPI_ISL_1060607, EPI_ISL_1060608, EPI_ISL_1060609, EPI_ISL_1060610	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_1060764	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1060803, EPI_ISL_1060804, EPI_ISL_1060805, EPI_ISL_1060811, EPI_ISL_1060812	NJ Rapid Response Teams	New Jersey Public Health Environmental Laboratories (NJ_PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1061288, EPI_ISL_1061305, EPI_ISL_1061306	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1061413	Istanbul University-Cerrahpasa, Cerrahpasa School of Medicine, COVID-19 Laboratory	Istanbul University-Cerrahpasa, Cerrahpasa School of Medicine, COVID-19 Laboratory	Mert Ahmet Kuskucu, Yesim Tuyji Tok, Okan Kadir Nohut, Zarifa Abullayeva, Ebru Yucebag, Fusun Can, Serap imek Yavuz, Haluk Eraksoy, Kenan Midilli
EPI_ISL_1063190, EPI_ISL_1063192, EPI_ISL_1063194, EPI_ISL_1063214, EPI_ISL_1063218, EPI_ISL_1063230, EPI_ISL_1063231, EPI_ISL_1063233, EPI_ISL_1063237, EPI_ISL_1063238, EPI_ISL_1063242, EPI_ISL_1063251, EPI_ISL_1063252, EPI_ISL_1063253, EPI_ISL_1063254, EPI_ISL_1063255, EPI_ISL_1063256, EPI_ISL_1063257, EPI_ISL_1063258, EPI_ISL_1063259, EPI_ISL_1063260, EPI_ISL_1063261, EPI_ISL_1063262, EPI_ISL_1063263, EPI_ISL_1063264, EPI_ISL_1063265, EPI_ISL_1063266, EPI_ISL_1063267, EPI_ISL_1063268, EPI_ISL_1063269, EPI_ISL_1063270, EPI_ISL_1063271, EPI_ISL_1063272, EPI_ISL_1063273, EPI_ISL_1063274, EPI_ISL_1063275, EPI_ISL_1063276, EPI_ISL_1063277, EPI_ISL_1063278, EPI_ISL_1063279, EPI_ISL_1063280, EPI_ISL_1063281, EPI_ISL_1063282, EPI_ISL_1063283, EPI_ISL_1063284, EPI_ISL_1063285, EPI_ISL_1063286, EPI_ISL_1063287, EPI_ISL_1063289	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
see above	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1063500, EPI_ISL_1063501, EPI_ISL_1063512, EPI_ISL_1063513, EPI_ISL_1063514, EPI_ISL_1063515, EPI_ISL_1063521	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_1063593, EPI_ISL_1063740, EPI_ISL_1063741, EPI_ISL_1063742, EPI_ISL_1063743, EPI_ISL_1063750, EPI_ISL_1063751, EPI_ISL_1063752, EPI_ISL_1063760, EPI_ISL_1063761, EPI_ISL_1063762, EPI_ISL_1063763, EPI_ISL_1063764, EPI_ISL_1063765	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
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, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1063996	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_1064259, EPI_ISL_1064260, EPI_ISL_1064278, EPI_ISL_1064279, EPI_ISL_1064280, EPI_ISL_1064281, EPI_ISL_1064322, EPI_ISL_1064323	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_1064339, EPI_ISL_1064362	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1064382, EPI_ISL_1064383, EPI_ISL_1064388, EPI_ISL_1064389, EPI_ISL_1064390, EPI_ISL_1064396, EPI_ISL_1064399	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064443, EPI_ISL_1064449, EPI_ISL_1064461, EPI_ISL_1064477, EPI_ISL_1064478, EPI_ISL_1064479, EPI_ISL_1064480	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_1064599, EPI_ISL_1064600, EPI_ISL_1064605, EPI_ISL_1064606	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_1064625	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_1064632, EPI_ISL_1064633, EPI_ISL_1064654, EPI_ISL_1064656, EPI_ISL_1064657, EPI_ISL_1064658, EPI_ISL_1064659	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_1064689	Unilabs Laboratoriemedicin	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_1064691, EPI_ISL_1064705	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_1064710	Mikrobiologen	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_1064785	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064786	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064787	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064820	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064830	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064843, EPI_ISL_1064844, EPI_ISL_1064846	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064865, EPI_ISL_1064866, EPI_ISL_1064867, EPI_ISL_1064868, EPI_ISL_1064869	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064870, EPI_ISL_1064871	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064872	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064882	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064889	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_1067841, EPI_ISL_1067842, EPI_ISL_1067843, EPI_ISL_1067844, EPI_ISL_1067845, EPI_ISL_1067846, EPI_ISL_1067847, EPI_ISL_1067848, EPI_ISL_1067849	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey	
EPI_ISL_1068299, EPI_ISL_1068300	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.	
EPI_ISL_1068365	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy,Patricia Cajado,Marcela Gómez, Breno Dominguez, Jacqueline Gomes, Vagner Fonseca,Marta Giovanetti,Luiz Alcantara, Felicidade Pereira, Arabela Leal	
EPI_ISL_1069991, EPI_ISL_1069992, EPI_ISL_1069995, EPI_ISL_1069998, EPI_ISL_1070006, EPI_ISL_1070019, EPI_ISL_1070022, EPI_ISL_1070037, EPI_ISL_1070042, EPI_ISL_1070048, EPI_ISL_1070050, EPI_ISL_1070058, EPI_ISL_1070064, EPI_ISL_1070071, EPI_ISL_1070073, EPI_ISL_1070082, EPI_ISL_1070083, EPI_ISL_1070084, EPI_ISL_1070085, EPI_ISL_1070090, EPI_ISL_1070094, EPI_ISL_1070100, EPI_ISL_1070106, EPI_ISL_1070107, EPI_ISL_1070113, EPI_ISL_1070115, EPI_ISL_1070118, EPI_ISL_1070122, EPI_ISL_1070124, EPI_ISL_1070125, EPI_ISL_1070129, EPI_ISL_1070733, EPI_ISL_1070735, EPI_ISL_1070736, EPI_ISL_1070744, EPI_ISL_1070745, EPI_ISL_1070749, EPI_ISL_1070756, EPI_ISL_1070759, EPI_ISL_1070762, EPI_ISL_1070765, EPI_ISL_1070766, EPI_ISL_1070767, EPI_ISL_1070769, EPI_ISL_1070770, EPI_ISL_1070771, EPI_ISL_1070773, EPI_ISL_1070777, EPI_ISL_1070781, EPI_ISL_1070782, EPI_ISL_1070791, EPI_ISL_1070794, EPI_ISL_1070795, EPI_ISL_1070804, EPI_ISL_1070807, EPI_ISL_1070810, EPI_ISL_1070814, EPI_ISL_1070815, EPI_ISL_1070819, EPI_ISL_1070822, EPI_ISL_1070824, EPI_ISL_1070832, EPI_ISL_1070834, EPI_ISL_1070835, EPI_ISL_1070839, EPI_ISL_1070843, EPI_ISL_1070849, EPI_ISL_1070859, EPI_ISL_1070860, EPI_ISL_1070861, EPI_ISL_1070865, EPI_ISL_1070873, EPI_ISL_1070877, EPI_ISL_1070883, EPI_ISL_1070887, EPI_ISL_1070888, EPI_ISL_1070899, EPI_ISL_1070901, EPI_ISL_1070903, EPI_ISL_1070912, EPI_ISL_1070913, EPI_ISL_1070914, EPI_ISL_1070917, EPI_ISL_1070927, EPI_ISL_1070930, EPI_ISL_1070936, EPI_ISL_1070944, EPI_ISL_1070945, EPI_ISL_1070949, EPI_ISL_1070956, EPI_ISL_1070957, EPI_ISL_1070969, EPI_ISL_1070989, EPI_ISL_1071004, EPI_ISL_1071007, EPI_ISL_1071010, EPI_ISL_1071017, EPI_ISL_1071022, EPI_ISL_1071026, EPI_ISL_1071032, EPI_ISL_1071035, EPI_ISL_1071040	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_1072996	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens	
EPI_ISL_1073927, EPI_ISL_1073928, EPI_ISL_1073929	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1073938	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1073942	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1073945	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1073946	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1075267	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_1079159, EPI_ISL_1079163	IAL Regional de Bauru	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos	
EPI_ISL_1080308, EPI_ISL_1080309, EPI_ISL_1080310, EPI_ISL_1080311, EPI_ISL_1080312, EPI_ISL_1080313, EPI_ISL_1080317, EPI_ISL_1080320, EPI_ISL_1080324, EPI_ISL_1080326, EPI_ISL_1080328, EPI_ISL_1080329, EPI_ISL_1080330, EPI_ISL_1080332, EPI_ISL_1080353, EPI_ISL_1080355, EPI_ISL_1080358, EPI_ISL_1080360, EPI_ISL_1080361, EPI_ISL_1080369, EPI_ISL_1080370, EPI_ISL_1080374, EPI_ISL_1080377, EPI_ISL_1080393, EPI_ISL_1080395, EPI_ISL_1080398, EPI_ISL_1080400, EPI_ISL_1080403, EPI_ISL_1080406, EPI_ISL_1080407, EPI_ISL_1080412, EPI_ISL_1080414, EPI_ISL_1080415, EPI_ISL_1080416, EPI_ISL_1080418, EPI_ISL_1080420, EPI_ISL_1080423, EPI_ISL_1080425, EPI_ISL_1080428, EPI_ISL_1080429, EPI_ISL_1080430, EPI_ISL_1080431, EPI_ISL_1080432	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_1080436, EPI_ISL_1080438, EPI_ISL_1080440, EPI_ISL_1080441, EPI_ISL_1080442, EPI_ISL_1080443, EPI_ISL_1080444, EPI_ISL_1080445, EPI_ISL_1080446, EPI_ISL_1080448, EPI_ISL_1080449, EPI_ISL_1080450	see above	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_1081098	Biology Lab, HIA BEGIN	IRBA, 2MI	GORGE O., DEPEILLE A., CHAPUS C., MERENS-GONTIER A.	
EPI_ISL_1081263, EPI_ISL_1081264	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration	
EPI_ISL_1081881, EPI_ISL_1081882, EPI_ISL_1081883	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman	
EPI_ISL_1084745, EPI_ISL_1084746, EPI_ISL_1084747, EPI_ISL_1084748, EPI_ISL_1084749, EPI_ISL_1084750, EPI_ISL_1084751, EPI_ISL_1084752, EPI_ISL_1084753	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1085162	Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan	Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan	Alessia Lai, Annalisa Bergna, Carla Della Ventura, Claudia Balotta, Massimo Galli, Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group	
EPI_ISL_1085168, EPI_ISL_1085171, EPI_ISL_1085175	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_1085453, EPI_ISL_1085454	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_1085455, EPI_ISL_1085461	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_1085472	CHI VILLENEUVE ST GEORGES	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_1085473	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_1085476, EPI_ISL_1085477	CHI VILLENEUVE ST GEORGES	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_1085529	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_1085530	Hpital Piti-Salptrire	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_1085533	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_1085535, EPI_ISL_1085536, EPI_ISL_1085537, EPI_ISL_1085538, EPI_ISL_1085539, EPI_ISL_1085542, EPI_ISL_1085543, EPI_ISL_1085546, EPI_ISL_1085547, EPI_ISL_1085548	CHI VILLENEUVE ST GEORGES	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_1085550, EPI_ISL_1085551	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_1085591	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_1085592, EPI_ISL_1085605	Hpital 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_1085662, EPI_ISL_1085663	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_1085664, EPI_ISL_1085665, EPI_ISL_1085666, EPI_ISL_1085667, EPI_ISL_1085668	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_1086046	IAL Regional de Bauru	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_1087281, EPI_ISL_1087282, EPI_ISL_1087283, EPI_ISL_1087286, EPI_ISL_1087287, EPI_ISL_1087289, EPI_ISL_1087291, EPI_ISL_1087295, EPI_ISL_1087296, EPI_ISL_1087297, EPI_ISL_1087298, EPI_ISL_1087299, EPI_ISL_1087300, EPI_ISL_1087328, EPI_ISL_1087329, EPI_ISL_1087330, EPI_ISL_1087331, EPI_ISL_1087332, EPI_ISL_1087333, EPI_ISL_1087334, EPI_ISL_1087335, EPI_ISL_1087336, EPI_ISL_1087337, EPI_ISL_1087338, EPI_ISL_1087339, EPI_ISL_1087340, EPI_ISL_1087341, EPI_ISL_1087342, EPI_ISL_1087343, EPI_ISL_1087344, EPI_ISL_1087345, EPI_ISL_1087346, EPI_ISL_1087347, EPI_ISL_1087348	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
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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_1088893, EPI_ISL_1088899, EPI_ISL_1088900, EPI_ISL_1088912, EPI_ISL_1088920, EPI_ISL_1088921, EPI_ISL_1088933, EPI_ISL_1088937, EPI_ISL_1088939, EPI_ISL_1088947, EPI_ISL_1088948, EPI_ISL_1088953, EPI_ISL_1088956, EPI_ISL_1088966, EPI_ISL_1088974, EPI_ISL_1088975, EPI_ISL_1088979, EPI_ISL_1088981, EPI_ISL_1088982, EPI_ISL_1088983, EPI_ISL_1088984, EPI_ISL_1088985, EPI_ISL_1088986, EPI_ISL_1088987, EPI_ISL_1088988, EPI_ISL_1088989, EPI_ISL_1088990, EPI_ISL_1088991, EPI_ISL_1088993, EPI_ISL_1088995, EPI_ISL_1088996, EPI_ISL_1088997, EPI_ISL_1088998, EPI_ISL_1088999, EPI_ISL_1089000, EPI_ISL_1089002, EPI_ISL_1089003, EPI_ISL_1089004, EPI_ISL_1089005, EPI_ISL_1089006, EPI_ISL_1089007, EPI_ISL_1089008, EPI_ISL_1089009, EPI_ISL_1089010, EPI_ISL_1089012, EPI_ISL_1089013, EPI_ISL_1089014, EPI_ISL_1089015, EPI_ISL_1089017, EPI_ISL_1089018, EPI_ISL_1089019, EPI_ISL_1089020, EPI_ISL_1089021, EPI_ISL_1089022, EPI_ISL_1089023, EPI_ISL_1089024, EPI_ISL_1089025, EPI_ISL_1089026, EPI_ISL_1089027, EPI_ISL_1089028, EPI_ISL_1089029, EPI_ISL_1089030, EPI_ISL_1089031, EPI_ISL_1089032, EPI_ISL_1089033, EPI_ISL_1089034, EPI_ISL_1089035, EPI_ISL_1089036, EPI_ISL_1089038, EPI_ISL_1089039, EPI_ISL_1089040, EPI_ISL_1089041, EPI_ISL_1089042, EPI_ISL_1089043, EPI_ISL_1089044, EPI_ISL_1089045, EPI_ISL_1089046, EPI_ISL_1089047, EPI_ISL_1089048, EPI_ISL_1089049, EPI_ISL_1089050, EPI_ISL_1089051, EPI_ISL_1089052, EPI_ISL_1089053, EPI_ISL_1089054, EPI_ISL_1089055, EPI_ISL_1089056, EPI_ISL_1089057, EPI_ISL_1089058, EPI_ISL_1089059, EPI_ISL_1089060, EPI_ISL_1089061, EPI_ISL_1089062	Helix / Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1089462, EPI_ISL_1089463, EPI_ISL_1089464, EPI_ISL_1089465, EPI_ISL_1089466, EPI_ISL_1089467, EPI_ISL_1089468, EPI_ISL_1089469, EPI_ISL_1089470, EPI_ISL_1089471, EPI_ISL_1089472, EPI_ISL_1089473, EPI_ISL_1089474, EPI_ISL_1089475, EPI_ISL_1089476, EPI_ISL_1089477, EPI_ISL_1089478, EPI_ISL_1089479, EPI_ISL_1089480, EPI_ISL_1089481, EPI_ISL_1089482, EPI_ISL_1089483, EPI_ISL_1089484, EPI_ISL_1089485, EPI_ISL_1089486, EPI_ISL_1089487, EPI_ISL_1089488, EPI_ISL_1089489, EPI_ISL_1089490, EPI_ISL_1089491, EPI_ISL_1089492, EPI_ISL_1089493, EPI_ISL_1089494, EPI_ISL_1089495, EPI_ISL_1089496, EPI_ISL_1089497, EPI_ISL_1089498, EPI_ISL_1089499, EPI_ISL_1089500, EPI_ISL_1089501, EPI_ISL_1089502, EPI_ISL_1089503, EPI_ISL_1089504, EPI_ISL_1089505, EPI_ISL_1089506, EPI_ISL_1089507, EPI_ISL_1089508, EPI_ISL_1089509, EPI_ISL_1089510, EPI_ISL_1089511, EPI_ISL_1089512, EPI_ISL_1089513, EPI_ISL_1089514, EPI_ISL_1089515, EPI_ISL_1089516	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_1090514, EPI_ISL_1090701, EPI_ISL_1090703, EPI_ISL_1090704, EPI_ISL_1090706, EPI_ISL_1090709, EPI_ISL_1090712, EPI_ISL_1090759, EPI_ISL_1090760, EPI_ISL_1090761, EPI_ISL_1090762, EPI_ISL_1090763, EPI_ISL_1090764, EPI_ISL_1090765, EPI_ISL_1090766, EPI_ISL_1090767, EPI_ISL_1090768, EPI_ISL_1090769, EPI_ISL_1090770, EPI_ISL_1090771, EPI_ISL_1090772, EPI_ISL_1090774, EPI_ISL_1090775, EPI_ISL_1090776, EPI_ISL_1090777, EPI_ISL_1090778, EPI_ISL_1090779, EPI_ISL_1090780, EPI_ISL_1090781, EPI_ISL_1090782, EPI_ISL_1090783, EPI_ISL_1090784, EPI_ISL_1090785, EPI_ISL_1090786, EPI_ISL_1090787, EPI_ISL_1090788, EPI_ISL_1090789, EPI_ISL_1090790, EPI_ISL_1090791, EPI_ISL_1090868, EPI_ISL_1091058, EPI_ISL_1091059, EPI_ISL_1091060, EPI_ISL_1091061, EPI_ISL_1091062, EPI_ISL_1091063, EPI_ISL_1091064, EPI_ISL_1091065, EPI_ISL_1091066, EPI_ISL_1091067, EPI_ISL_1091068, EPI_ISL_1091069, EPI_ISL_1091070, EPI_ISL_1091071, EPI_ISL_1091072, EPI_ISL_1091073, EPI_ISL_1091074, EPI_ISL_1091075, EPI_ISL_1091076, EPI_ISL_1091077, EPI_ISL_1091078, EPI_ISL_1091079, EPI_ISL_1091080, EPI_ISL_1091081, EPI_ISL_1091082, EPI_ISL_1091083, EPI_ISL_1091084, EPI_ISL_1091085, EPI_ISL_1091086, EPI_ISL_1091087, EPI_ISL_1091088	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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_1091181, EPI_ISL_1091189, EPI_ISL_1091204, EPI_ISL_1091208, EPI_ISL_1091211, EPI_ISL_1091222, EPI_ISL_1091224, EPI_ISL_1091238, EPI_ISL_1091240	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1091410, EPI_ISL_1091413, EPI_ISL_1091440, EPI_ISL_1091441, EPI_ISL_1091479, EPI_ISL_1091480, EPI_ISL_1091481, EPI_ISL_1091482, EPI_ISL_1091483	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team

EPI_ISL_1091612, EPI_ISL_1091613, EPI_ISL_1091614, EPI_ISL_1091615, EPI_ISL_1091616, EPI_ISL_1091617	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias
EPI_ISL_1091669	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1091671	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias
EPI_ISL_1091673, EPI_ISL_1091675, EPI_ISL_1091685, EPI_ISL_1091690, EPI_ISL_1091691, EPI_ISL_1091693, EPI_ISL_1091708, EPI_ISL_1091709, EPI_ISL_1091710, EPI_ISL_1091711, EPI_ISL_1091761, EPI_ISL_1091762, EPI_ISL_1091763, EPI_ISL_1091764, EPI_ISL_1091765, EPI_ISL_1091766, EPI_ISL_1091768			Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
see above	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias
EPI_ISL_1091777	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias
EPI_ISL_1091875, EPI_ISL_1091876, EPI_ISL_1091877, EPI_ISL_1091878, EPI_ISL_1091879, EPI_ISL_1091894, EPI_ISL_1091895	Tempus	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllye, Chantal Vogels, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1092385, EPI_ISL_1092397, EPI_ISL_1092421, EPI_ISL_1092422, EPI_ISL_1092423, EPI_ISL_1092460, EPI_ISL_1092463, EPI_ISL_1092464, EPI_ISL_1092465, EPI_ISL_1092466, EPI_ISL_1092469, EPI_ISL_1092525, EPI_ISL_1092530, EPI_ISL_1092557, EPI_ISL_1092601, EPI_ISL_1092602, EPI_ISL_1092680, EPI_ISL_1092690, EPI_ISL_1092691, EPI_ISL_1092693, EPI_ISL_1092694, EPI_ISL_1092695, EPI_ISL_1092696, EPI_ISL_1092697, EPI_ISL_1092698, EPI_ISL_1092699, EPI_ISL_1092710, EPI_ISL_1092766, EPI_ISL_1092841, EPI_ISL_1092844, EPI_ISL_1092849, EPI_ISL_1092860, EPI_ISL_1092861, EPI_ISL_1092864, EPI_ISL_1092865, EPI_ISL_1092886, EPI_ISL_1092887, EPI_ISL_1092890, EPI_ISL_1092903, EPI_ISL_1092910, EPI_ISL_1092911, EPI_ISL_1092920, EPI_ISL_1092934, EPI_ISL_1092935, EPI_ISL_1092936, EPI_ISL_1092937, EPI_ISL_1092964, EPI_ISL_1092965, EPI_ISL_1092966, EPI_ISL_1092971, EPI_ISL_1092976, EPI_ISL_1092991, EPI_ISL_1093011, EPI_ISL_1093012, EPI_ISL_1093013, EPI_ISL_1093032, EPI_ISL_1093043, EPI_ISL_1093044, EPI_ISL_1093045, EPI_ISL_1093046, EPI_ISL_1093047			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1093593, EPI_ISL_1093599	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1094382, EPI_ISL_1094384, EPI_ISL_1094385	NM Dept. Health, Scientific Laboratory Division	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094389	NV State Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094391	OR State PHL-Virology/Immunology Section	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094395, EPI_ISL_1094396, EPI_ISL_1094397, EPI_ISL_1094398, EPI_ISL_1094400	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094424	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094721	NV State Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094757, EPI_ISL_1094766, EPI_ISL_1094767	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094884, EPI_ISL_1094886	LA Office of Public Health Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095095	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095208	WI State Laboratory of Hygiene	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095409, EPI_ISL_1095410, EPI_ISL_1095412, EPI_ISL_1095438	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1096126, EPI_ISL_1096127	IAL Regional de Bauru	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_1096221, EPI_ISL_1096225	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1096296	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, Guinard Jérôme
EPI_ISL_1096334	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, Lefevre Caroline
EPI_ISL_1097525, EPI_ISL_1097536, EPI_ISL_1097555, EPI_ISL_1097556, EPI_ISL_1097557, EPI_ISL_1097593	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_1097724, EPI_ISL_1097741	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098602, EPI_ISL_1098603	Cambodian National Public Health Laboratory, National Institute of Public Health	Virology Unit, Institut Pasteur du Cambodge	Sokhoun Yann, Ly Sovann, Kraing Sidonn, Yi Sengdoeurn, Chin Savuth, Chau Darapeak, Veasna Duong, Erik A Karlsson
EPI_ISL_1103576	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Myriam Seffar, Hakima Kabbaj, Ghizlane EL Amin, Amal Zouaki, Mouna Ouadghiri, Tarik Aanniz, Abdelmunim Essabbar, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1103588, EPI_ISL_1103589	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1103766, EPI_ISL_1103768, EPI_ISL_1103775, EPI_ISL_1103782, EPI_ISL_1103788, EPI_ISL_1103801, EPI_ISL_1103802	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_1103893	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_1103992	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1104198, EPI_ISL_1104199, EPI_ISL_1104200, EPI_ISL_1104201, EPI_ISL_1104202, EPI_ISL_1104205, EPI_ISL_1104209, EPI_ISL_1104210, EPI_ISL_1104211, EPI_ISL_1104214, EPI_ISL_1104216			
see above	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_1104290	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_1104297	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1104446, EPI_ISL_1104535	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 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_1105052, EPI_ISL_1105053, EPI_ISL_1105054, EPI_ISL_1105067, EPI_ISL_1105071, EPI_ISL_1105074, EPI_ISL_1105076, EPI_ISL_1105087, EPI_ISL_1105095, EPI_ISL_1105096, EPI_ISL_1105097, EPI_ISL_1105100, EPI_ISL_1105101, EPI_ISL_1105105, EPI_ISL_1105106, EPI_ISL_1105110, EPI_ISL_1105119, EPI_ISL_1105130, EPI_ISL_1105134, EPI_ISL_1105135, EPI_ISL_1105136, EPI_ISL_1105150	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
EPI_ISL_1105538, EPI_ISL_1105540, EPI_ISL_1105541, EPI_ISL_1105543, EPI_ISL_1105546, EPI_ISL_1105547, EPI_ISL_1105548, EPI_ISL_1105549, EPI_ISL_1105551, EPI_ISL_1105553, EPI_ISL_1105557, EPI_ISL_1105558, EPI_ISL_1105559, EPI_ISL_1105563, EPI_ISL_1105565, EPI_ISL_1105566, EPI_ISL_1105568, EPI_ISL_1105569, EPI_ISL_1105571	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_1105574, EPI_ISL_1105575	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_1105732	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_1105880, EPI_ISL_1105907	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1106649	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_1107641, EPI_ISL_1107665, EPI_ISL_1107666	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1107804	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_1107835, EPI_ISL_1107998, EPI_ISL_1108075	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_1109230	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1109243, EPI_ISL_1109244, EPI_ISL_1109247, EPI_ISL_1109252, EPI_ISL_1109254, EPI_ISL_1109262, EPI_ISL_1109264, EPI_ISL_1109272, EPI_ISL_1109273, EPI_ISL_1109278, EPI_ISL_1109292, EPI_ISL_1109293, EPI_ISL_1109294, EPI_ISL_1109298, EPI_ISL_1109299, EPI_ISL_1109300, EPI_ISL_1109301, EPI_ISL_1109303, EPI_ISL_1109311, EPI_ISL_1109312, EPI_ISL_1109317	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_1109489	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109491	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109501, EPI_ISL_1109502	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109503	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109511, EPI_ISL_1109516	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109518	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109526, EPI_ISL_1109539	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109543, EPI_ISL_1109544, EPI_ISL_1109545, EPI_ISL_1109546	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109547, EPI_ISL_1109554	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109570	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109641, EPI_ISL_1109644	Althaia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafael Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_1109821, EPI_ISL_1109823, EPI_ISL_1109863, EPI_ISL_1109883, EPI_ISL_1109884	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1110041, EPI_ISL_1110048, EPI_ISL_1110049, EPI_ISL_1110053, EPI_ISL_1110083, EPI_ISL_1110084, EPI_ISL_1110085, EPI_ISL_1110086, EPI_ISL_1110087, EPI_ISL_1110091, EPI_ISL_1110092, EPI_ISL_1110093, EPI_ISL_1110094, EPI_ISL_1110096, EPI_ISL_1110097, EPI_ISL_1110098, EPI_ISL_1110099, EPI_ISL_1110100, EPI_ISL_1110102, EPI_ISL_1110103, EPI_ISL_1110107, EPI_ISL_1110108, EPI_ISL_1110109, EPI_ISL_1110110, EPI_ISL_1110111, EPI_ISL_1110112, EPI_ISL_1110113, EPI_ISL_1110114, EPI_ISL_1110115, EPI_ISL_1110116, EPI_ISL_1110117, EPI_ISL_1110118, EPI_ISL_1110119, EPI_ISL_1110120	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_1110138	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlitsky
EPI_ISL_1110139	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital,	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel

		Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Pawlotsky
EPI_ISL_1110529	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_1110964	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, Lepiller Quentin
EPI_ISL_1110974	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Griscelli Franck
EPI_ISL_1111017, EPI_ISL_1111018, EPI_ISL_1111019, EPI_ISL_1111020	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_1111527, EPI_ISL_1111528, EPI_ISL_1111549	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1111950, EPI_ISL_1111951, EPI_ISL_1111952, EPI_ISL_1111953, EPI_ISL_1111954	National Laboratory for Health, Environment and Food, OMM, Koper	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_1112234	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Giannico A., Ridolfi D.
EPI_ISL_1113195, EPI_ISL_1113196	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1114407, EPI_ISL_1114409	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Carl Sloma, and Rob Christensen
EPI_ISL_1114460	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1114672, EPI_ISL_1114673, EPI_ISL_1114674, EPI_ISL_1114675, EPI_ISL_1114676, EPI_ISL_1114678, EPI_ISL_1114679, EPI_ISL_1114684, EPI_ISL_1114685	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'elra Malone, Jennifer Benoit
EPI_ISL_1116311, EPI_ISL_1116312, EPI_ISL_1116313, EPI_ISL_1116314, EPI_ISL_1116315, EPI_ISL_1116316, EPI_ISL_1116317, EPI_ISL_1116318, EPI_ISL_1116319, EPI_ISL_1116320, EPI_ISL_1116321, EPI_ISL_1116322, EPI_ISL_1116323, EPI_ISL_1116324, EPI_ISL_1116325, EPI_ISL_1116326, EPI_ISL_1116327, EPI_ISL_1116328, EPI_ISL_1116329, EPI_ISL_1116330, EPI_ISL_1116331, EPI_ISL_1116332, EPI_ISL_1116333, EPI_ISL_1116334, EPI_ISL_1116335, EPI_ISL_1116336, EPI_ISL_1116337, EPI_ISL_1116338, EPI_ISL_1116339, EPI_ISL_1116340, EPI_ISL_1116341, EPI_ISL_1116342, EPI_ISL_1116343, EPI_ISL_1116344	see above	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_1116466	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Ghizlane EL Amin, Hakima Kabbaj, Myriam Seffar, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Ouadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1116470	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Hakima Kabbaj, Myriam Seffar, Ghizlane EL Amin, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Ouadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1116661, EPI_ISL_1116930, EPI_ISL_1116931	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1117274	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_1117710, EPI_ISL_1117711, EPI_ISL_1117712, EPI_ISL_1117736, EPI_ISL_1117764	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117817, EPI_ISL_1117822, EPI_ISL_1117836, EPI_ISL_1117848, EPI_ISL_1117849, EPI_ISL_1117851	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117873	Tauernklinikum - Standort Zell am See	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117877, EPI_ISL_1117878, EPI_ISL_1117881, EPI_ISL_1117926	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117949, EPI_ISL_1118030, EPI_ISL_1118039	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118072	Elling group, Institute of Molecular Biotechnology (IMBA)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118079	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118083, EPI_ISL_1118084	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, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118136	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_1118361, EPI_ISL_1118362	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_1118363, EPI_ISL_1118364, EPI_ISL_1118365, EPI_ISL_1118366	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_1118367	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_1118368, EPI_ISL_1118369	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_1118370	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_1118371	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_1118372	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,

EPI_ISL_1118373, EPI_ISL_1118411	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118434	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118607	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118608	Unilabs Laboratory Medicine	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118609	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118610	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118611	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118612	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118613	Unilabs Laboratory Medicine	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118614	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118615	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118616, EPI_ISL_1118617	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118618	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118619	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118620, EPI_ISL_1118621	Unilabs Laboratory Medicine	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118622	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118623	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, Debehch Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118931	National Institute of Health Research and Development	National Institute of Health Research and Development	Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Adriansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustini Sih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyly Alfi Nkimah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1121098	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1121281, EPI_ISL_1121282, EPI_ISL_1121283, EPI_ISL_1121284, EPI_ISL_1121285, EPI_ISL_1121286, EPI_ISL_1121287, EPI_ISL_1121288, EPI_ISL_1121289, EPI_ISL_1121290, EPI_ISL_1121291, EPI_ISL_1121292, EPI_ISL_1121293, EPI_ISL_1121294, EPI_ISL_1121295, EPI_ISL_1121296, EPI_ISL_1121297, EPI_ISL_1121298, EPI_ISL_1121299, EPI_ISL_1121300, EPI_ISL_1121301, EPI_ISL_1121302			
see above	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Yelaya, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1121321	IAL Regional de Bauru	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_1121322	Santa Casa de Santa Isabel	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_1121512	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_1121560, EPI_ISL_1121562, EPI_ISL_1121563, EPI_ISL_1121564, EPI_ISL_1121565, EPI_ISL_1121566, EPI_ISL_1121568, EPI_ISL_1121569, EPI_ISL_1121572, EPI_ISL_1121573	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121789, EPI_ISL_1121790, EPI_ISL_1121792, EPI_ISL_1121806, EPI_ISL_1121808, EPI_ISL_1121810	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRoque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1121860, EPI_ISL_1121874, EPI_ISL_1121877	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_1122005, EPI_ISL_1122009	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1128127, EPI_ISL_1128128, EPI_ISL_1128129	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1128789	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1129304, EPI_ISL_1129305, EPI_ISL_1129373, EPI_ISL_1129385, EPI_ISL_1129418	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, Keith Harshman, Ioannis Xenarios, Henri Peugeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129446, EPI_ISL_1129486	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_1129491	Viollier AG	Department of Biosystems Science and Engineering, ETH	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam

[illegible]

[illegible]

EPI_ISL_1134958, EPI_ISL_1134961, EPI_ISL_1134968, EPI_ISL_1134971, EPI_ISL_1134973, EPI_ISL_1134974, EPI_ISL_1134985	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_1135056	C.H. PRINCESSE GRACE	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_1135057	AX BIO OCEAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1135064	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1135077	Bourg-en-Bresse	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_1136070, EPI_ISL_1136151, EPI_ISL_1136152, EPI_ISL_1136153, EPI_ISL_1136154, EPI_ISL_1136155, EPI_ISL_1136156, EPI_ISL_1136157, EPI_ISL_1136158, EPI_ISL_1136159, EPI_ISL_1136205, EPI_ISL_1136209, EPI_ISL_1136210, EPI_ISL_1136374, EPI_ISL_1136375, EPI_ISL_1136376, EPI_ISL_1136469, EPI_ISL_1136470, EPI_ISL_1136471, EPI_ISL_1136472, EPI_ISL_1136473, EPI_ISL_1136474, EPI_ISL_1136475, EPI_ISL_1136476, EPI_ISL_1136477, EPI_ISL_1136478, EPI_ISL_1136479			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137178, EPI_ISL_1137179, EPI_ISL_1137180	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_1138752	General Hospital - Ohrid	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_1138753, EPI_ISL_1138754	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138886, EPI_ISL_1138896	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1138910, EPI_ISL_1138911, EPI_ISL_1138929, EPI_ISL_1138930, EPI_ISL_1138931, EPI_ISL_1138932, EPI_ISL_1138933, EPI_ISL_1138952, EPI_ISL_1138955, EPI_ISL_1138956, EPI_ISL_1138965, EPI_ISL_1138979			
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_1139069	SMS Aruja	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_1139431	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1140102, EPI_ISL_1140103, EPI_ISL_1140104, EPI_ISL_1140105, EPI_ISL_1140106, EPI_ISL_1140107, EPI_ISL_1140108	Università di Parma, Laboratorio di Igiene e Sanità Pubblica	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Maria Eugenia Colucci, Licia Veronesi, Paola Affanni, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1142099, EPI_ISL_1142100, EPI_ISL_1142101, EPI_ISL_1142106, EPI_ISL_1142108, EPI_ISL_1142111, EPI_ISL_1142112, EPI_ISL_1142114, EPI_ISL_1142115, EPI_ISL_1142116, EPI_ISL_1142117, EPI_ISL_1142119, EPI_ISL_1142120, EPI_ISL_1142121, EPI_ISL_1142122, EPI_ISL_1142123, EPI_ISL_1142125, EPI_ISL_1142128, EPI_ISL_1142129, EPI_ISL_1142134, EPI_ISL_1142136, EPI_ISL_1142138, EPI_ISL_1142140, EPI_ISL_1142141, EPI_ISL_1142143, EPI_ISL_1142144, EPI_ISL_1142145, EPI_ISL_1142148, EPI_ISL_1142149, EPI_ISL_1142150, EPI_ISL_1142151, EPI_ISL_1142153, EPI_ISL_1142157, EPI_ISL_1142159, EPI_ISL_1142165, EPI_ISL_1142166, EPI_ISL_1142169, EPI_ISL_1142170, EPI_ISL_1142173, EPI_ISL_1142175, EPI_ISL_1142178, EPI_ISL_1142179, EPI_ISL_1142181			
see above	Limbach - MVZ Labor Dr. Volkmann & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1142610	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown
EPI_ISL_1143135	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143151	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143294	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143882	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1143920, EPI_ISL_1143921, EPI_ISL_1143922, EPI_ISL_1143924, EPI_ISL_1143925, EPI_ISL_1143926	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1143927	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1144019	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzIm RUHR GmbH	Robert Koch Institute	unknown
EPI_ISL_1144294, EPI_ISL_1144295, EPI_ISL_1144305, EPI_ISL_1144317, EPI_ISL_1144324, EPI_ISL_1144325, EPI_ISL_1144326, EPI_ISL_1144334, EPI_ISL_1144338, EPI_ISL_1144356	Labor Blackholm MVZ	Robert Koch Institute	unknown
EPI_ISL_1144364	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1144373, EPI_ISL_1144374	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1144380, EPI_ISL_1144381, EPI_ISL_1144382, EPI_ISL_1144383	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1144384, EPI_ISL_1144385, EPI_ISL_1144386, EPI_ISL_1144388	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1145008	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145024	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145026	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145028	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145031, EPI_ISL_1145048	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1145050	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145054	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145061	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown

EPI_ISL_1145062	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145074, EPI_ISL_1145086	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145112, EPI_ISL_1145113	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145114	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145135	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145139	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1145145	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145148	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145155	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1145174	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145178	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145180	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145201	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145203	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1145239, EPI_ISL_1145245, EPI_ISL_1145250, EPI_ISL_1145251, EPI_ISL_1145254, EPI_ISL_1145256, EPI_ISL_1145258, EPI_ISL_1145259, EPI_ISL_1145260, EPI_ISL_1145261, EPI_ISL_1145264, EPI_ISL_1145267			
see above	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1145282, EPI_ISL_1145285	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1145306, EPI_ISL_1145307, EPI_ISL_1145308, EPI_ISL_1145309, EPI_ISL_1145313, EPI_ISL_1145314, EPI_ISL_1145316, EPI_ISL_1145317, EPI_ISL_1145318, EPI_ISL_1145320, EPI_ISL_1145321, EPI_ISL_1145323, EPI_ISL_1145324, EPI_ISL_1145325, EPI_ISL_1145326, EPI_ISL_1145330, EPI_ISL_1145331			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1145430	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145432	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1145439	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145442	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1145455, EPI_ISL_1145458, EPI_ISL_1145467, EPI_ISL_1145469, EPI_ISL_1145470, EPI_ISL_1145474, EPI_ISL_1145475			
EPI_ISL_1145482	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145487, EPI_ISL_1145491	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145516, EPI_ISL_1145524, EPI_ISL_1145526, EPI_ISL_1145528, EPI_ISL_1145529, EPI_ISL_1145530	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown
EPI_ISL_1145663, EPI_ISL_1145664, EPI_ISL_1145665, EPI_ISL_1145667, EPI_ISL_1145668, EPI_ISL_1145683, EPI_ISL_1145684	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1145915, EPI_ISL_1145933	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145936	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145945	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145953	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145960	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145972	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1145996, EPI_ISL_1146002	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146007	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146011, EPI_ISL_1146015	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146018, EPI_ISL_1146030	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146041, EPI_ISL_1146052	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146059	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146064	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146067	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146068	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146074	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146076, EPI_ISL_1146079	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146091	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146097	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146110	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146114	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146115	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146119	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1146120	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146126	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146130	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146141, EPI_ISL_1146143	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146144, EPI_ISL_1146150	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146158, EPI_ISL_1146159, EPI_ISL_1146162	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146170, EPI_ISL_1146171, EPI_ISL_1146172, EPI_ISL_1146175, EPI_ISL_1146178, EPI_ISL_1146179, EPI_ISL_1146180, EPI_ISL_1146181, EPI_ISL_1146182, EPI_ISL_1146183, EPI_ISL_1146184, EPI_ISL_1146186, EPI_ISL_1146187, EPI_ISL_1146188, EPI_ISL_1146189, EPI_ISL_1146190, EPI_ISL_1146197, EPI_ISL_1146199, EPI_ISL_1146202, EPI_ISL_1146203, EPI_ISL_1146205			
see above	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1146206, EPI_ISL_1146215, EPI_ISL_1146218, EPI_ISL_1146219, EPI_ISL_1146221, EPI_ISL_1146222, EPI_ISL_1146224, EPI_ISL_1146227, EPI_ISL_1146228, EPI_ISL_1146229, EPI_ISL_1146230, EPI_ISL_1146231, EPI_ISL_1146232, EPI_ISL_1146233, EPI_ISL_1146234, EPI_ISL_1146235, EPI_ISL_1146236, EPI_ISL_1146239, EPI_ISL_1146240, EPI_ISL_1146241			
see above	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1146258, EPI_ISL_1146259	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1147158, EPI_ISL_1147175, EPI_ISL_1147176	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1147212, EPI_ISL_1147213, EPI_ISL_1147218, EPI_ISL_1147229, EPI_ISL_1147230, EPI_ISL_1147232, EPI_ISL_1147237	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1147413	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147415	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147416	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147419	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147421	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147422	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147425, EPI_ISL_1147426, EPI_ISL_1147431, EPI_ISL_1147432, EPI_ISL_1147435	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147453	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147454, EPI_ISL_1147458, EPI_ISL_1147460	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147463	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147464, EPI_ISL_1147466, EPI_ISL_1147468	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147470	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147473, EPI_ISL_1147474, EPI_ISL_1147477	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147479	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147481	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147482	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147483, EPI_ISL_1147484, EPI_ISL_1147485, EPI_ISL_1147494	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147495, EPI_ISL_1147496, EPI_ISL_1147503, EPI_ISL_1147504, EPI_ISL_1147507, EPI_ISL_1147513, EPI_ISL_1147516, EPI_ISL_1147519	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147590, EPI_ISL_1147591, EPI_ISL_1147592, EPI_ISL_1147593	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1147662, EPI_ISL_1147667	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1147678	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1147680, EPI_ISL_1147681	amedes MVZ für Laboratoriumsmedizin Rhein/Ruhr	Robert Koch Institute	unknown
EPI_ISL_1147683	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1147687, EPI_ISL_1147689, EPI_ISL_1147690, EPI_ISL_1147691, EPI_ISL_1147693	amedes MVZ für Laboratoriumsmedizin Fürstenfeldbruck	Robert Koch Institute	unknown
EPI_ISL_1147698, EPI_ISL_1147699, EPI_ISL_1147704, EPI_ISL_1147708, EPI_ISL_1147709, EPI_ISL_1147710, EPI_ISL_1147712	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1147716	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1147717	amedes MVZ für Laboratoriumsmedizin Hamburg	Robert Koch Institute	unknown
EPI_ISL_1147977, EPI_ISL_1147979, EPI_ISL_1147980	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1148144, EPI_ISL_1148153	Bayerisches Landesamt für Gesundheit und	Robert Koch Institute	unknown

	Lebensmittelsicherheit (LGL)		
EPI_ISL_1148192	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1148196, EPI_ISL_1148197	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148216	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148218	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148222	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148224	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148225	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148238	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148245	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148251	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148252	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148256, EPI_ISL_1148263	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148276	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148284	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148288, EPI_ISL_1148298	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148301, EPI_ISL_1148324	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148337	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148338	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1148346	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148364	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148391, EPI_ISL_1148402	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148421	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148426	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148443, EPI_ISL_1148444, EPI_ISL_1148448	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148469	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1148475	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1148742	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148755, EPI_ISL_1148762, EPI_ISL_1148764, EPI_ISL_1148786, EPI_ISL_1148809	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1148826	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148875, EPI_ISL_1148886	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1148907	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148917	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1148984, EPI_ISL_1148988	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149043, EPI_ISL_1149059	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1149336	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1149360	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1149376	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1149465, EPI_ISL_1149471, EPI_ISL_1149477	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1149479	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1150098	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1150124, EPI_ISL_1150126, EPI_ISL_1150229, EPI_ISL_1150239, EPI_ISL_1150242, EPI_ISL_1150251, EPI_ISL_1150336, EPI_ISL_1150375, EPI_ISL_1150384	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150476	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1150723, EPI_ISL_1150769, EPI_ISL_1150790, EPI_ISL_1150852, EPI_ISL_1150925	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151115, EPI_ISL_1151121, EPI_ISL_1151124, EPI_ISL_1151198, EPI_ISL_1151238, EPI_ISL_1151254, EPI_ISL_1151339	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151400	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1151434	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1151536	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown

EPI_ISL_1151895, EPI_ISL_1151963	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151981	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1152535	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1152536	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1152537	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152540	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152543	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152544	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152548	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152550, EPI_ISL_1152561	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152563, EPI_ISL_1152567	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152568	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1152571	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152575	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1152580, EPI_ISL_1152581	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152582, EPI_ISL_1152586	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1152587	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152593	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152596	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152602	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1152603, EPI_ISL_1152607	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152609	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152611	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1152662	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152727	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152841	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1153038	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153248	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	unknown
EPI_ISL_1153329	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153333	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153341	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1153344	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153347	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153357	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153365	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1153367	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153373	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153381	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1153383	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153405, EPI_ISL_1153410, EPI_ISL_1153420	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153896, EPI_ISL_1153898, EPI_ISL_1153910, EPI_ISL_1153929, EPI_ISL_1153930	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1154004, EPI_ISL_1154007, EPI_ISL_1154023, EPI_ISL_1154024, EPI_ISL_1154025, EPI_ISL_1154032	Limbach - MVZ Labor EVELD & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154361	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	REALE Stefano, SCIBETTA Silvia, PIAZZA Angela, BRUNO Gabriella, CASTELLI Germano, BRUNO Federica, VITALE Francesco, TRAMUTO Fabio, MAIDA Carmelo Massimo, MAZZUCCO Walter, DI NARO Daniela, RANDAZZO Giulia, VITALE Fabrizio
EPI_ISL_1154448, EPI_ISL_1154502, EPI_ISL_1154524, EPI_ISL_1154574, EPI_ISL_1154591, EPI_ISL_1154616, EPI_ISL_1154625	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154776	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154795	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154806	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154824	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1154837, EPI_ISL_1154839, EPI_ISL_1154846	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154854	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154856	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154863	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1154865	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154868, EPI_ISL_1154872, EPI_ISL_1154879, EPI_ISL_1154882	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154890	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	REALE Stefano, SCIBETTA Silvia, PIAZZA Angela, BRUNO Gabriella, CASTELLI Germano, BRUNO Federica, VITALE Francesco, TRAMUTO Fabio, MAIDA Carmelo Massimo, MAZZUCCO Walter, DI NARO Daniela, RANDAZZO Giulia, VITALE Fabrizio
EPI_ISL_1154894	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1154920	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154922	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154923, EPI_ISL_1154925, EPI_ISL_1154932	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154938	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154951	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154958	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154967	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154968, EPI_ISL_1154987	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154991, EPI_ISL_1154995	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155009, EPI_ISL_1155020	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155038	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155039	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155040	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155055, EPI_ISL_1155056, EPI_ISL_1155057	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155070	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155073, EPI_ISL_1155075, EPI_ISL_1155076, EPI_ISL_1155080	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155088	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155090	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155100	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155108, EPI_ISL_1155116	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155118	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155149, EPI_ISL_1155155, EPI_ISL_1155156, EPI_ISL_1155160, EPI_ISL_1155164, EPI_ISL_1155171	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155383, EPI_ISL_1155386, EPI_ISL_1155392, EPI_ISL_1155393, EPI_ISL_1155398, EPI_ISL_1155400, EPI_ISL_1155402, EPI_ISL_1155403, EPI_ISL_1155404, EPI_ISL_1155405, EPI_ISL_1155411, EPI_ISL_1155417, EPI_ISL_1155418, EPI_ISL_1155419			
see above	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1155485, EPI_ISL_1155512	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155714	GERLAND CDP	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_1156973	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1157107, EPI_ISL_1157108, EPI_ISL_1157109, EPI_ISL_1157110, EPI_ISL_1157115, EPI_ISL_1157116	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1157292, EPI_ISL_1157315, EPI_ISL_1157356, EPI_ISL_1157360	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1158286, EPI_ISL_1158287, EPI_ISL_1158434, EPI_ISL_1158435, EPI_ISL_1158440, EPI_ISL_1158447, EPI_ISL_1158480	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1158641, EPI_ISL_1158642, EPI_ISL_1158646, EPI_ISL_1158657	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_1159212, EPI_ISL_1159213, EPI_ISL_1159214	HOSPITAL UNIVERSITARIO VIRGEN DE LA ARRIXACA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.MORENO PARRADO, LAURA
EPI_ISL_1159219	HOSPITAL UNIVERSITARIO DE CEUTA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.LOPEZ BARBA, JOSE
EPI_ISL_1159220, EPI_ISL_1159225	CONSEJERIA DE SANIDAD Y ASUNTOS SOCIALES	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.GUTIERREZ AVILA, GONZALO
EPI_ISL_1161006, EPI_ISL_1161009, EPI_ISL_1161011, EPI_ISL_1161013, EPI_ISL_1161014, EPI_ISL_1161018, EPI_ISL_1161022, EPI_ISL_1161026, EPI_ISL_1161030, EPI_ISL_1161034, EPI_ISL_1161036, EPI_ISL_1161040, EPI_ISL_1161043			
see above	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_1163506, EPI_ISL_1163507	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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 Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1163570	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1163669, EPI_ISL_1163670	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott,

EPI_ISL_1163817, EPI_ISL_1163828	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Nathan Grubaugh
EPI_ISL_1163988, EPI_ISL_1163989, EPI_ISL_1163990, EPI_ISL_1163991, EPI_ISL_1163992, EPI_ISL_1163995, EPI_ISL_1163997, EPI_ISL_1164001, EPI_ISL_1164004, EPI_ISL_1164005, EPI_ISL_1164007, EPI_ISL_1164010, EPI_ISL_1164014, EPI_ISL_1164015, EPI_ISL_1164019, EPI_ISL_1164020, EPI_ISL_1164021, EPI_ISL_1164023, EPI_ISL_1164024, EPI_ISL_1164025, EPI_ISL_1164026, EPI_ISL_1164029, EPI_ISL_1164031, EPI_ISL_1164033, EPI_ISL_1164034, EPI_ISL_1164036, EPI_ISL_1164037, EPI_ISL_1164039	National Virus Reference Laboratory	National Virus Reference Laboratory	Mencacci A., Camilioni B., Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
see above	see above	see above	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1164554, EPI_ISL_1164555, EPI_ISL_1164556, EPI_ISL_1164563, EPI_ISL_1164568, EPI_ISL_1164569, EPI_ISL_1164571, EPI_ISL_1164576, EPI_ISL_1164577, EPI_ISL_1164588, EPI_ISL_1164589	Charite Universitätsmedizin Berlin, Institut fur Virologie/Labor Berlin	Charite Universitätsmedizin Berlin, Institut fur Virologie Berlin	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_1164805	Idaho Bureau of Laboratories	IBL	"R. Beukelman, Matthew C. Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"
EPI_ISL_1164816, EPI_ISL_1164853, EPI_ISL_1164854, EPI_ISL_1164930, EPI_ISL_1164969, EPI_ISL_1165000	Struttura Semplice Dipartimentale di Virologia e Microbiologia molecolare, Azienda Ospedaliero-Universitaria, Policlinico di Modena	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Pecorari Monica, Gennari William, Fregni Serpini Giulia, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1165010, EPI_ISL_1165030	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_1165066, EPI_ISL_1165077, EPI_ISL_1165138, EPI_ISL_1165143	Struttura Semplice Dipartimentale di Virologia e Microbiologia molecolare, Azienda Ospedaliero-Universitaria, Policlinico di Modena	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Pecorari Monica, Gennari William, Fregni Serpini Giulia, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1165209, EPI_ISL_1165213, EPI_ISL_1165218, EPI_ISL_1165327, EPI_ISL_1165409, EPI_ISL_1165416, EPI_ISL_1165562, EPI_ISL_1165577, EPI_ISL_1165657, EPI_ISL_1165667, EPI_ISL_1165672, EPI_ISL_1165675, EPI_ISL_1165785	see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)
EPI_ISL_1165857	Centre Hospitalier de l'Ardenne	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1165899	Struttura Semplice Dipartimentale di Virologia e Microbiologia molecolare, Azienda Ospedaliero-Universitaria, Policlinico di Modena	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Pecorari Monica, Gennari William, Fregni Serpini Giulia, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1165907, EPI_ISL_1165919, EPI_ISL_1165920, EPI_ISL_1165921, EPI_ISL_1165922, EPI_ISL_1165923, EPI_ISL_1165924, EPI_ISL_1165925, EPI_ISL_1165926, EPI_ISL_1165927, EPI_ISL_1165928, EPI_ISL_1165929, EPI_ISL_1165930, EPI_ISL_1165931, EPI_ISL_1165932, EPI_ISL_1165936, EPI_ISL_1165937, EPI_ISL_1165938, EPI_ISL_1165939, EPI_ISL_1165940, EPI_ISL_1165941, EPI_ISL_1165942, EPI_ISL_1165943, EPI_ISL_1165944, EPI_ISL_1165952, EPI_ISL_1165955, EPI_ISL_1165956	see above	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD
EPI_ISL_1166083	Struttura Semplice Dipartimentale di Virologia e Microbiologia molecolare, Azienda Ospedaliero-Universitaria, Policlinico di Modena	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1166535	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1166545	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_1167170, EPI_ISL_1167182	Iressfe 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_1167294, EPI_ISL_1167295	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1168050, EPI_ISL_1168063, EPI_ISL_1168065, EPI_ISL_1168123, EPI_ISL_1168135	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_1168304	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_1169871, EPI_ISL_1169873	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 Espectralba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1170231	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1171517, EPI_ISL_1171519, EPI_ISL_1171520, EPI_ISL_1171522	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_1176391	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1177717, EPI_ISL_1177749	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_1178121, EPI_ISL_1178122, EPI_ISL_1178123	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_1178496, EPI_ISL_1178499, EPI_ISL_1178500, EPI_ISL_1178506, EPI_ISL_1178517	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, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1178592	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1178717, EPI_ISL_1178723, EPI_ISL_1178727, EPI_ISL_1178740, EPI_ISL_1178742, EPI_ISL_1178744, EPI_ISL_1178747, EPI_ISL_1178751, EPI_ISL_1178759, EPI_ISL_1178765, EPI_ISL_1178766, EPI_ISL_1178779, EPI_ISL_1178781, EPI_ISL_1178792, EPI_ISL_1178797, EPI_ISL_1178816, EPI_ISL_1178819, EPI_ISL_1178827, EPI_ISL_1178829, EPI_ISL_1178848, EPI_ISL_1178853, EPI_ISL_1178856, EPI_ISL_1178857, EPI_ISL_1178867	see above	Oxford Viroemics, NDM, University of Oxford: Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium
see above	see above	see above	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_1178894, EPI_ISL_1179144, EPI_ISL_1179145, EPI_ISL_1179146, EPI_ISL_1179156, EPI_ISL_1179157, EPI_ISL_1179159, EPI_ISL_1179160, EPI_ISL_1179162, EPI_ISL_1179163, EPI_ISL_1179164, EPI_ISL_1179165, EPI_ISL_1179166, EPI_ISL_1179167, EPI_ISL_1179168, EPI_ISL_1179169, EPI_ISL_1179170, EPI_ISL_1179171, EPI_ISL_1179172, EPI_ISL_1179173, EPI_ISL_1179174, EPI_ISL_1179175, EPI_ISL_1179176, EPI_ISL_1179177, EPI_ISL_1179178, EPI_ISL_1179179, EPI_ISL_1179180, EPI_ISL_1179181, EPI_ISL_1179182, EPI_ISL_1179183, EPI_ISL_1179185, EPI_ISL_1179186, EPI_ISL_1179187	see above	Wales Specialist Virology Centre Sequencing	Public Health Wales Microbiology Cardiff Wales Specialist
see above	see above	see above	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree

	lab: Pathogen Genomics Unit	Virology Centre	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_1180391	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1180512, EPI_ISL_1180514, EPI_ISL_1180521, EPI_ISL_1180525, EPI_ISL_1180533, EPI_ISL_1180536	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1180903	Department of Microbiology, University Innsbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1180936, EPI_ISL_1180937, EPI_ISL_1181085, EPI_ISL_1181086, EPI_ISL_1181087, EPI_ISL_1181088, EPI_ISL_1181089, EPI_ISL_1181090, EPI_ISL_1181091, EPI_ISL_1181092, EPI_ISL_1181093, EPI_ISL_1181094, EPI_ISL_1181095			
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_1181120, EPI_ISL_1181123, EPI_ISL_1181124, EPI_ISL_1181125, EPI_ISL_1181126, EPI_ISL_1181134, EPI_ISL_1181135, EPI_ISL_1181163, EPI_ISL_1181164, EPI_ISL_1181165	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwesa-Matelska, Anna Brylak-Blaszkow, Aleksandra Gidlewicz, Karol Szeszko, Lukasz Krych, Michal Kaszuba
EPI_ISL_1181720, EPI_ISL_1181723, EPI_ISL_1181738, EPI_ISL_1181821	NCSLPH	NCSLPH	Chase K, Miller MC, Greene S, Glover W
EPI_ISL_1182013	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1184090	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, 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_1184137	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_1184179	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_1185961, EPI_ISL_1185969, EPI_ISL_1185971, EPI_ISL_1185976, EPI_ISL_1185981, EPI_ISL_1186016	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1187062, EPI_ISL_1187129, EPI_ISL_1187169	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1190755, EPI_ISL_1190757, EPI_ISL_1190758, EPI_ISL_1190760	CREMER(Centre de Rechercheces sur les Maladies Emergentes et Ré-émergentes)	TransVIHMI(Recherches Translationnelles sur le VIH et les Maladies Infectieuses)	Celestin Godwe, Christelle Butel, Martin Maidadi Foudi, Laetitia Serrano, Dowbiss Meta Djoms, Nicole Vidal, Esemu Livo, Rodrigue Kamga, Marie Amougou , Eitel Mpoudi Ngole,Ahidjo Ayoub, Marcel Tongo, Martine Peeters, Eric Delaporte
EPI_ISL_1190869, EPI_ISL_1190870	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_1190880	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_1190966, EPI_ISL_1190977, EPI_ISL_1190980, EPI_ISL_1190985, EPI_ISL_1190991, EPI_ISL_1190994, EPI_ISL_1191001, EPI_ISL_1191007, EPI_ISL_1191009, EPI_ISL_1191018, EPI_ISL_1191023, EPI_ISL_1191029, EPI_ISL_1191030, EPI_ISL_1191036, EPI_ISL_1191039, EPI_ISL_1191045, EPI_ISL_1191051			
see above	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vlaij, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1191084, EPI_ISL_1191085	AZ Zeno	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jorn Hellemans
EPI_ISL_1191086, EPI_ISL_1191087	AZ St.Jan Brugge	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jorn Hellemans
EPI_ISL_1191470, EPI_ISL_1191471	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1191647, EPI_ISL_1191649, EPI_ISL_1191651, EPI_ISL_1191659, EPI_ISL_1191661, EPI_ISL_1191663, EPI_ISL_1191664, EPI_ISL_1191665, EPI_ISL_1191666, EPI_ISL_1191684, EPI_ISL_1191686, EPI_ISL_1191687, EPI_ISL_1191694, EPI_ISL_1191700, EPI_ISL_1191708			
see above	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_1191746, EPI_ISL_1191748, EPI_ISL_1191749, EPI_ISL_1191750, EPI_ISL_1191770, EPI_ISL_1191771	Laboratory of virology and molecular diagnostics	Laboratory of virology and molecular diagnostics	Kuzmanovska Maja, Boshevska Golubinka, Janchevska Elizabeta
EPI_ISL_1192214, EPI_ISL_1192224	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_1192244	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_1192270, EPI_ISL_1192271	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_1192291	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_1192305	Unilabs Laboratory Medicine	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_1192314	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_1192315, EPI_ISL_1192317, EPI_ISL_1192318, EPI_ISL_1192319, EPI_ISL_1192323	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_1194405, EPI_ISL_1194410, EPI_ISL_1194411, EPI_ISL_1194413, EPI_ISL_1194414, EPI_ISL_1194415, EPI_ISL_1194416, EPI_ISL_1194417	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. Lachawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1194709	AZ St.Jan Brugge	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jorn Hellemans
EPI_ISL_1194731, EPI_ISL_1194732, EPI_ISL_1194734, EPI_ISL_1194735, EPI_ISL_1194736, EPI_ISL_1194737, EPI_ISL_1194738, EPI_ISL_1194739, EPI_ISL_1194740, EPI_ISL_1194741, EPI_ISL_1194742, EPI_ISL_1194743, EPI_ISL_1194744, EPI_ISL_1194745, EPI_ISL_1194747, EPI_ISL_1194748, EPI_ISL_1194749, EPI_ISL_1194750, EPI_ISL_1194751, EPI_ISL_1194752, EPI_ISL_1194753, EPI_ISL_1194754, EPI_ISL_1194755			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor

EPI_ISL_1195202 EPI_ISL_1195369, EPI_ISL_1195377, EPI_ISL_1195419, EPI_ISL_1195420, EPI_ISL_1195422, EPI_ISL_1195423, EPI_ISL_1195424	National Public Health Center, COVID Laboratory	National Public Health Center, National Biosafety Laboratory	Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinal Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Bernadett Pályi, Zoltán Kis, Nóra Magyar, Judit Henczskó, Dániel Déri, Norbert Solymosi
			Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1195700, EPI_ISL_1195701, EPI_ISL_1195702	Teaching Institute of Public Health of Split-Dalmatia County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1196295	UBS Otacilio Firmino Lopes	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_1196299, EPI_ISL_1196300	IAL Regional de Marília	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_1196426, EPI_ISL_1196427	LABORATORIO CLINICO CENAHCE	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Andrés Feoli-Grant
EPI_ISL_1196775, EPI_ISL_1196776, EPI_ISL_1196780, EPI_ISL_1196781	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1197935, EPI_ISL_1197936, EPI_ISL_1197937	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_1198020, EPI_ISL_1198024, EPI_ISL_1198027, EPI_ISL_1198030, EPI_ISL_1198031, EPI_ISL_1198032, EPI_ISL_1198037, EPI_ISL_1198038, EPI_ISL_1198039, EPI_ISL_1198040, EPI_ISL_1198041, EPI_ISL_1198042, EPI_ISL_1198043, EPI_ISL_1198044, EPI_ISL_1198045, EPI_ISL_1198046, EPI_ISL_1198053, EPI_ISL_1198054, EPI_ISL_1198065, EPI_ISL_1198070, EPI_ISL_1198072, EPI_ISL_1198088, EPI_ISL_1198089, EPI_ISL_1198092, EPI_ISL_1198093, EPI_ISL_1198094, EPI_ISL_1198095, EPI_ISL_1198103, EPI_ISL_1198104, EPI_ISL_1198105, EPI_ISL_1198106, EPI_ISL_1198107, EPI_ISL_1198110, EPI_ISL_1198112, EPI_ISL_1198113, EPI_ISL_1198114, EPI_ISL_1198122, EPI_ISL_1198123, EPI_ISL_1198128, EPI_ISL_1198131, EPI_ISL_1198132, EPI_ISL_1198133, EPI_ISL_1198134, EPI_ISL_1198135, EPI_ISL_1198136, EPI_ISL_1198145, EPI_ISL_1198146, EPI_ISL_1198147, EPI_ISL_1198151, EPI_ISL_1198158, EPI_ISL_1198163, EPI_ISL_1198166, EPI_ISL_1198168, EPI_ISL_1198172, EPI_ISL_1198173, EPI_ISL_1198174, EPI_ISL_1198175, EPI_ISL_1198176, EPI_ISL_1198178, EPI_ISL_1198206, EPI_ISL_1198213, EPI_ISL_1198227, EPI_ISL_1198234, EPI_ISL_1198235, EPI_ISL_1198236, EPI_ISL_1198237, EPI_ISL_1198247, EPI_ISL_1198248, EPI_ISL_1198249, EPI_ISL_1198250, EPI_ISL_1198253, EPI_ISL_1198254, EPI_ISL_1198255, EPI_ISL_1198258, EPI_ISL_1198259, EPI_ISL_1198260, EPI_ISL_1198261, EPI_ISL_1198274, EPI_ISL_1198275, EPI_ISL_1198286, EPI_ISL_1198287, EPI_ISL_1198288, EPI_ISL_1198289, EPI_ISL_1198294, EPI_ISL_1198299, EPI_ISL_1198305, EPI_ISL_1198308, EPI_ISL_1198312, EPI_ISL_1198313, EPI_ISL_1198317, EPI_ISL_1198318, EPI_ISL_1198319, EPI_ISL_1198347, EPI_ISL_1198352, EPI_ISL_1198353, EPI_ISL_1198354, EPI_ISL_1198358, EPI_ISL_1198359, EPI_ISL_1198362, EPI_ISL_1198367, EPI_ISL_1198368, EPI_ISL_1198369, EPI_ISL_1198370, EPI_ISL_1198371, EPI_ISL_1198372, EPI_ISL_1198373, EPI_ISL_1198374, EPI_ISL_1198375, EPI_ISL_1198376, EPI_ISL_1198400, EPI_ISL_1198401, EPI_ISL_1198402, EPI_ISL_1198403, EPI_ISL_1198404, EPI_ISL_1198405, EPI_ISL_1198406, EPI_ISL_1198407, EPI_ISL_1198408, EPI_ISL_1198409, EPI_ISL_1198410, EPI_ISL_1198411, EPI_ISL_1198412, EPI_ISL_1198413, EPI_ISL_1198414, EPI_ISL_1198415, EPI_ISL_1198416, EPI_ISL_1198417, EPI_ISL_1198418, EPI_ISL_1198419, EPI_ISL_1198420, EPI_ISL_1198421, EPI_ISL_1198422, EPI_ISL_1198432, EPI_ISL_1198433, EPI_ISL_1198434, EPI_ISL_1198435, EPI_ISL_1198437, EPI_ISL_1198438, EPI_ISL_1198439, EPI_ISL_1198440, EPI_ISL_1198441, EPI_ISL_1198442, EPI_ISL_1198443, EPI_ISL_1198444, EPI_ISL_1198445, EPI_ISL_1198446, EPI_ISL_1198447, EPI_ISL_1198448, EPI_ISL_1198449, EPI_ISL_1198450, EPI_ISL_1198451, EPI_ISL_1198452, EPI_ISL_1198453, EPI_ISL_1198454, EPI_ISL_1198455, EPI_ISL_1198456, EPI_ISL_1198457, EPI_ISL_1198458, EPI_ISL_1198459, EPI_ISL_1198460, EPI_ISL_1198461, EPI_ISL_1198462, EPI_ISL_1198463, EPI_ISL_1198464, EPI_ISL_1198465, EPI_ISL_1198466, EPI_ISL_1198467, EPI_ISL_1198490, EPI_ISL_1198491, EPI_ISL_1198492, EPI_ISL_1198493, EPI_ISL_1198494, EPI_ISL_1198495, EPI_ISL_1198496, EPI_ISL_1198497, EPI_ISL_1198498, EPI_ISL_1198515, EPI_ISL_1198516, EPI_ISL_1198517, EPI_ISL_1198518, EPI_ISL_1198519, EPI_ISL_1198520, EPI_ISL_1198521, EPI_ISL_1198522, EPI_ISL_1198523, EPI_ISL_1198524, EPI_ISL_1198562, EPI_ISL_1198563, EPI_ISL_1198635, EPI_ISL_1198636, EPI_ISL_1198641, EPI_ISL_1198648, EPI_ISL_1198649, EPI_ISL_1198650, EPI_ISL_1198651, EPI_ISL_1198652, EPI_ISL_1198653, EPI_ISL_1198654, EPI_ISL_1198655, EPI_ISL_1198656, EPI_ISL_1198657, EPI_ISL_1198658, EPI_ISL_1198659, EPI_ISL_1198660, EPI_ISL_1198661, EPI_ISL_1198662, EPI_ISL_1198663, EPI_ISL_1198664, EPI_ISL_1198665, EPI_ISL_1198666, EPI_ISL_1198667, EPI_ISL_1198668, EPI_ISL_1198669, EPI_ISL_1198670, EPI_ISL_1198671, EPI_ISL_1198672, EPI_ISL_1198673, EPI_ISL_1198674, EPI_ISL_1198675, EPI_ISL_1198676, EPI_ISL_1198677, EPI_ISL_1198678, EPI_ISL_1198679, EPI_ISL_1198680, EPI_ISL_1198681, EPI_ISL_1198682, EPI_ISL_1198683, EPI_ISL_1198684, EPI_ISL_1198685, EPI_ISL_1198686, EPI_ISL_1198687, EPI_ISL_1198688, EPI_ISL_1198689, EPI_ISL_1198690, EPI_ISL_1198691, EPI_ISL_1198692, EPI_ISL_1198693, EPI_ISL_1198694, EPI_ISL_1198695, EPI_ISL_1198696, EPI_ISL_1198697, EPI_ISL_1198698, EPI_ISL_1198699, EPI_ISL_1198700, EPI_ISL_1198701, EPI_ISL_1198702, EPI_ISL_1198703, EPI_ISL_1198704, EPI_ISL_1198705, EPI_ISL_1198706, EPI_ISL_1198707, EPI_ISL_1198708, EPI_ISL_1198709, EPI_ISL_1198710, EPI_ISL_1198711, EPI_ISL_1198712, EPI_ISL_1198713, EPI_ISL_1198714, EPI_ISL_1198715, EPI_ISL_1198716, EPI_ISL_1198717, EPI_ISL_1198718, EPI_ISL_1198719, EPI_ISL_1198720, 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, EPI_ISL_1198735, EPI_ISL_1198736, EPI_ISL_1198737, EPI_ISL_1198738, EPI_ISL_1198739, EPI_ISL_1198740, EPI_ISL_1198741, EPI_ISL_1198742, EPI_ISL_1198743, EPI_ISL_1198744, EPI_ISL_1198745, EPI_ISL_1198746, EPI_ISL_1198747, EPI_ISL_1198748, EPI_ISL_1198749, EPI_ISL_1198750, EPI_ISL_1198751, EPI_ISL_1198752, EPI_ISL_1198753, EPI_ISL_1198754, EPI_ISL_1198755, EPI_ISL_1198756, EPI_ISL_1198757, EPI_ISL_1198758, EPI_ISL_1198759, EPI_ISL_1198760, EPI_ISL_1198761, EPI_ISL_1198762, EPI_ISL_1198763, EPI_ISL_1198764	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
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_1199633	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; L.C. Laboratori Campisi s.r.l., Siracusa, Sicily, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Campisi Corrado, Iemmolo Rosario, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1199757, EPI_ISL_1199758, EPI_ISL_1199763, EPI_ISL_1199764, EPI_ISL_1199765, EPI_ISL_1199774, EPI_ISL_1199775, EPI_ISL_1199817, EPI_ISL_1199818, EPI_ISL_1199819, EPI_ISL_1199828, EPI_ISL_1199829, EPI_ISL_1199866, EPI_ISL_1199867, EPI_ISL_1199869, EPI_ISL_1199870, EPI_ISL_1199871, EPI_ISL_1199872, EPI_ISL_1199875, EPI_ISL_1199876, EPI_ISL_1199882, EPI_ISL_1199885, EPI_ISL_1199886, EPI_ISL_1199892, EPI_ISL_1199893, EPI_ISL_1199894, EPI_ISL_1199902, EPI_ISL_1199911, EPI_ISL_1199913, EPI_ISL_1199914, EPI_ISL_1199915, EPI_ISL_1199916, EPI_ISL_1199945, EPI_ISL_1199946, EPI_ISL_1199947, EPI_ISL_1199948, EPI_ISL_1199949, EPI_ISL_1199950, EPI_ISL_1199954, EPI_ISL_1199976, EPI_ISL_1200009, EPI_ISL_1200028, EPI_ISL_1200030, EPI_ISL_1200044, EPI_ISL_1200049, EPI_ISL_1200050, EPI_ISL_1200167, EPI_ISL_1200168, EPI_ISL_1200169, EPI_ISL_1200170, EPI_ISL_1200171, EPI_ISL_1200172, EPI_ISL_1200173, EPI_ISL_1200174, EPI_ISL_1200175, EPI_ISL_1200176, EPI_ISL_1200177, EPI_ISL_1200178, EPI_ISL_1200261, EPI_ISL_1200262, EPI_ISL_1200263, EPI_ISL_1200264, EPI_ISL_1200265, EPI_ISL_1200266, EPI_ISL_1200267, EPI_ISL_1200268, EPI_ISL_1200269, EPI_ISL_1200270, EPI_ISL_1200271, EPI_ISL_1200272, EPI_ISL_1200309, EPI_ISL_1200310, EPI_ISL_1200311, EPI_ISL_1200312, EPI_ISL_1200313, EPI_ISL_1200320, EPI_ISL_1200321, EPI_ISL_1200322, EPI_ISL_1200323, EPI_ISL_1200324, EPI_ISL_1200325, EPI_ISL_1200326, EPI_ISL_1200327, EPI_ISL_1200328, EPI_ISL_1200329, EPI_ISL_1200330, EPI_ISL_1200331, EPI_ISL_1200332, EPI_ISL_1200498, EPI_ISL_1200499, EPI_ISL_1200500, EPI_ISL_1200501, EPI_ISL_1200502, EPI_ISL_1200503, EPI_ISL_1200504, EPI_ISL_1200505, EPI_ISL_1200506, EPI_ISL_1200507, EPI_ISL_1200508, EPI_ISL_1200509, EPI_ISL_1200510, EPI_ISL_1200511, EPI_ISL_1200512, EPI_ISL_1200513, EPI_ISL_1200514	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
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_1200656, EPI_ISL_1200658, EPI_ISL_1200665, EPI_ISL_1200671, EPI_ISL_1200672, EPI_ISL_1200673, EPI_ISL_1200675, EPI_ISL_1200676, EPI_ISL_1200678, EPI_ISL_1200679, EPI_ISL_1200680, EPI_ISL_1200681, EPI_ISL_1200684, EPI_ISL_1200686, EPI_ISL_1200690, EPI_ISL_1200692, EPI_ISL_1200693, EPI_ISL_1200697, EPI_ISL_1200701, EPI_ISL_1200703, EPI_ISL_1200704, EPI_ISL_1200707, EPI_ISL_1200710, EPI_ISL_1200714, EPI_ISL_1200715, EPI_ISL_1200716, EPI_ISL_1200719, EPI_ISL_1200722, EPI_ISL_1200723, EPI_ISL_1200724, EPI_ISL_1200725, EPI_ISL_1200726, EPI_ISL_1200731, EPI_ISL_1200733, EPI_ISL_1200734, EPI_ISL_1200736, EPI_ISL_1200740, EPI_ISL_1200744, EPI_ISL_1200745, EPI_ISL_1200746, EPI_ISL_1200748, EPI_ISL_1200750, EPI_ISL_1200752, EPI_ISL_1200753, EPI_ISL_1200754, EPI_ISL_1200755, EPI_ISL_1200757, EPI_ISL_1200772, EPI_ISL_1200777, EPI_ISL_1200779, EPI_ISL_1200781, EPI_ISL_1200783, EPI_ISL_1200784, EPI_ISL_1200787, EPI_ISL_1200788, EPI_ISL_1200793, EPI_ISL_1200795, EPI_ISL_1200796, EPI_ISL_1200799, EPI_ISL_1200801, EPI_ISL_1200802, EPI_ISL_1200806, EPI_ISL_1200807, EPI_ISL_1200809, EPI_ISL_1200812, EPI_ISL_1200814, EPI_ISL_1200816, EPI_ISL_1200817, EPI_ISL_1200819, EPI_ISL_1200820, EPI_ISL_1200822, EPI_ISL_1200825, EPI_ISL_1200827, EPI_ISL_1200829, EPI_ISL_1200830, EPI_ISL_1200831, EPI_ISL_1200833, EPI_ISL_1200834, EPI_ISL_1200837, EPI_ISL_1200843	BIOMNIS LYON HOPITAL SAINT ANDRE BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1201185, EPI_ISL_1201186, EPI_ISL_1201187, EPI_ISL_1201188, EPI_ISL_1201189, EPI_ISL_1201190, EPI_ISL_1201191, EPI_ISL_1201192, EPI_ISL_1201193, EPI_ISL_1201194, EPI_ISL_1201195, EPI_ISL_1201196, EPI_ISL_1201197, EPI_ISL_1201198, EPI_ISL_1201199, EPI_ISL_1201200	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_1201782, EPI_ISL_1201785, EPI_ISL_1201786, EPI_ISL_1201787, EPI_ISL_1201789, EPI_ISL_1201790, EPI_ISL_1201791, EPI_ISL_1201792, EPI_ISL_1201793, EPI_ISL_1201794, EPI_ISL_1201795, EPI_ISL_1201796, EPI_ISL_1201797, EPI_ISL_1201798, EPI_ISL_1201799, EPI_ISL_1201801, EPI_ISL_1201802, EPI_ISL_1201807, EPI_ISL_1201815, EPI_ISL_1201816, EPI_ISL_1201817, EPI_ISL_1201818, EPI_ISL_1201819, EPI_ISL_1201823, EPI_ISL_1201828, EPI_ISL_1201830, EPI_ISL_1201831, EPI_ISL_1201832, EPI_ISL_1201833, EPI_ISL_1201835, EPI_ISL_1201836, EPI_ISL_1201837, EPI_ISL_1201838, EPI_ISL_1201839, EPI_ISL_1201840, EPI_ISL_1201842, EPI_ISL_1201853	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
see above	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_1203823, EPI_ISL_1203837, EPI_ISL_1203838, EPI_ISL_1203839	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_1205291, EPI_ISL_1205292, EPI_ISL_1205294, EPI_ISL_1205295, EPI_ISL_1205296, EPI_ISL_1205297, EPI_ISL_1205298	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield
EPI_ISL_1205408, EPI_ISL_1205418, EPI_ISL_1205420, EPI_ISL_1205429, EPI_ISL_1205433, EPI_ISL_1205437, EPI_ISL_1205440	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1206045, EPI_ISL_1206067, EPI_ISL_1206073, EPI_ISL_1206079, EPI_ISL_1206090, EPI_ISL_1206097, EPI_ISL_1206100, EPI_ISL_1206109, EPI_ISL_1206113, EPI_ISL_1206118, EPI_ISL_1206132, EPI_ISL_1206148, EPI_ISL_1206157, EPI_ISL_1206176, EPI_ISL_1206179, EPI_ISL_1206181, EPI_ISL_1206193, EPI_ISL_1206219, EPI_ISL_1206231, EPI_ISL_1206231, EPI_ISL_1206250, EPI_ISL_1206256, EPI_ISL_1206270, EPI_ISL_1206273			

see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1208411, EPI_ISL_1208412, EPI_ISL_1208413, EPI_ISL_1208422, EPI_ISL_1208423, EPI_ISL_1208434, EPI_ISL_1208435, EPI_ISL_1208446, EPI_ISL_1208453, EPI_ISL_1208454, EPI_ISL_1208470, EPI_ISL_1208471, EPI_ISL_1208472, EPI_ISL_1208479			
see above	Microbiology Department, Laboratori Clínic 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, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, Jose Francisco Sánchez, Lauro Sumoy, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1208575, EPI_ISL_1208579, EPI_ISL_1208580, EPI_ISL_1208587, EPI_ISL_1208589, EPI_ISL_1208590, EPI_ISL_1208594, EPI_ISL_1208595, EPI_ISL_1208597, EPI_ISL_1208599, EPI_ISL_1208600, EPI_ISL_1208610, EPI_ISL_1208617, EPI_ISL_1208636, EPI_ISL_1208644, EPI_ISL_1208645, EPI_ISL_1208646, EPI_ISL_1208650, EPI_ISL_1208651, EPI_ISL_1208655, EPI_ISL_1208659, EPI_ISL_1208663, EPI_ISL_1208668			
see above	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, Jose Francisco Sánchez, Lauro Sumoy, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1208679, EPI_ISL_1208680, EPI_ISL_1208692, EPI_ISL_1208702, EPI_ISL_1208714, EPI_ISL_1208715, EPI_ISL_1208717, EPI_ISL_1208726, EPI_ISL_1208739, EPI_ISL_1208748, EPI_ISL_1208750, EPI_ISL_1208760, EPI_ISL_1208761, EPI_ISL_1208762, EPI_ISL_1208764			
see above	Microbiology Department, Laboratori Clínic 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, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, Jose Francisco Sánchez, Lauro Sumoy, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1209032, EPI_ISL_1209039, EPI_ISL_1209040, EPI_ISL_1209041, EPI_ISL_1209042, EPI_ISL_1209043, EPI_ISL_1209045, EPI_ISL_1209054, EPI_ISL_1209060, EPI_ISL_1209063, EPI_ISL_1209064, EPI_ISL_1209066, EPI_ISL_1209068, EPI_ISL_1209069, EPI_ISL_1209070, EPI_ISL_1209075, EPI_ISL_1209077, EPI_ISL_1209078, EPI_ISL_1209083, EPI_ISL_1209084, EPI_ISL_1209110, EPI_ISL_1209140, EPI_ISL_1209149, EPI_ISL_1209153, EPI_ISL_1209165, EPI_ISL_1209166, EPI_ISL_1209167, EPI_ISL_1209168, EPI_ISL_1209174, EPI_ISL_1209176, EPI_ISL_1209177, EPI_ISL_1209194, EPI_ISL_1209198			
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, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1209264	Institute for Laboratory Diagnostics and Microbiology, Klinikum Klagenfurt am Wörthersee	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1209376	LAM BIOCENTRE MERCURE	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_1209436	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, Chae Young Lee, Jin Sun No, Namjoo Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1209454, EPI_ISL_1209464	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_1209783, EPI_ISL_1209784, EPI_ISL_1209785, EPI_ISL_1209786, EPI_ISL_1209787, EPI_ISL_1209788, EPI_ISL_1209789, EPI_ISL_1209790, EPI_ISL_1209791, EPI_ISL_1209792, EPI_ISL_1209793, EPI_ISL_1209794, EPI_ISL_1209945, EPI_ISL_1209946, EPI_ISL_1210348, EPI_ISL_1210349, EPI_ISL_1210350			
see above	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahhan 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_1210770, EPI_ISL_1210771	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1211904, EPI_ISL_1211917, EPI_ISL_1211919, EPI_ISL_1211923, EPI_ISL_1211928, EPI_ISL_1211929, EPI_ISL_1211930	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1212014	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1212016	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1212617	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212619, EPI_ISL_1212621, EPI_ISL_1212626, EPI_ISL_1212628, EPI_ISL_1212630, EPI_ISL_1212632, EPI_ISL_1212634, EPI_ISL_1212636, EPI_ISL_1212638, EPI_ISL_1212643, EPI_ISL_1212645, EPI_ISL_1212647, EPI_ISL_1212650, EPI_ISL_1212652, EPI_ISL_1212654, EPI_ISL_1212656			
see above	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Mencacci A., Camilioni B., Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1212698, EPI_ISL_1212700	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_1213171	Laboratório HLA/UERJ	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca, Luiz G P de Almeida, Ronaldo da Silva Francisco Jr, Lucymara Fassarella Agnez Lima, Kátia Castanho Scortecci, Vinicius Pietta Perez, Otavio J. Brustolini, Eduardo Sérgio Soares Sousa, Danielle Angst Secco, Angela Maria Guimarães Santos, George Rego Albuquerque, Ana Paula Melo Mariano, Bianca Mendes Maciel, Alexandra L Gerber, Ana Paula de C Guimarães, Paulo Ricardo Nascimento, Francisco Paulo Freire Neto, Sandra Rocha Gadelha, Luís Cristóvão Porto, Eloiza Helena Campana, Selma Maria Bezerra Jeronimo, Ana Tereza R Vasconcelos
EPI_ISL_1213251, EPI_ISL_1213252, EPI_ISL_1213254, EPI_ISL_1213256, EPI_ISL_1213258, EPI_ISL_1213259, EPI_ISL_1213261, EPI_ISL_1213263, EPI_ISL_1213265, EPI_ISL_1213267, EPI_ISL_1213269			
see above	LAFEM/UESC	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca, Luiz G P de Almeida, Ronaldo da Silva Francisco Jr, Lucymara Fassarella Agnez Lima, Kátia Castanho Scortecci, Vinicius Pietta Perez, Otavio J. Brustolini, Eduardo Sérgio Soares Sousa, Danielle Angst Secco, Angela Maria Guimarães Santos, George Rego Albuquerque, Ana Paula Melo Mariano, Bianca Mendes Maciel, Alexandra L Gerber, Ana Paula de C Guimarães, Paulo Ricardo Nascimento, Francisco Paulo Freire Neto, Sandra Rocha Gadelha, Luís Cristóvão Porto, Eloiza Helena Campana, Selma Maria Bezerra Jeronimo, Ana Tereza R Vasconcelos
EPI_ISL_1213270, EPI_ISL_1213272	Laboratório HLA/UERJ	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca, Luiz G P de Almeida, Ronaldo da Silva Francisco Jr, Lucymara Fassarella Agnez Lima, Kátia Castanho Scortecci, Vinicius Pietta Perez, Otavio J. Brustolini, Eduardo Sérgio Soares Sousa, Danielle Angst Secco, Angela Maria Guimarães Santos, George Rego Albuquerque, Ana Paula Melo Mariano, Bianca Mendes Maciel, Alexandra L Gerber, Ana Paula de C Guimarães, Paulo Ricardo Nascimento, Francisco Paulo Freire Neto, Sandra Rocha Gadelha, Luís Cristóvão Porto, Eloiza Helena Campana, Selma Maria Bezerra Jeronimo, Ana Tereza R Vasconcelos
EPI_ISL_1213509, EPI_ISL_1213518, EPI_ISL_1213524, EPI_ISL_1213531	Bohol Containerized PCR Laboratory	Philippine Genome Center	Francis A. Tablizo, Kenneth M. Kim, Carlo M. Lapid, Marc Jerrone R. Castro, Maria Sofia L. Yangzon, Benedict A. Maralit, Marc Edsel C. Ayes, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, Maria Rosario Singh-Vergeire and Cynthia P. Saloma
EPI_ISL_1213583	Teresita Jalandoni Provincial Hospital	Philippine Genome Center	Francis A. Tablizo, Kenneth M. Kim, Carlo M. Lapid, Marc Jerrone R. Castro, Maria Sofia L. Yangzon, Benedict A. Maralit, Marc Edsel C. Ayes, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, Maria Rosario Singh-Vergeire and Cynthia P. Saloma
EPI_ISL_1214822	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Bremzes-Valdivieso, Gregoria Megias Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose Maria Eiros Bouza
EPI_ISL_1215759, EPI_ISL_1215793	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown

EPI_ISL_1215805	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1216197	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1216263, EPI_ISL_1216267, EPI_ISL_1216269, EPI_ISL_1216271	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_1217991, EPI_ISL_1218013, EPI_ISL_1218021, EPI_ISL_1218026, EPI_ISL_1218029	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218116, EPI_ISL_1218131, EPI_ISL_1218135, EPI_ISL_1218140, EPI_ISL_1218142, EPI_ISL_1218150, EPI_ISL_1218161, EPI_ISL_1218169, EPI_ISL_1218170, EPI_ISL_1218175, EPI_ISL_1218176, EPI_ISL_1218184, EPI_ISL_1218185			
see above	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1219221, EPI_ISL_1219222, EPI_ISL_1219223, EPI_ISL_1219224, EPI_ISL_1219225, EPI_ISL_1219226, EPI_ISL_1219227, EPI_ISL_1219228, EPI_ISL_1219229, EPI_ISL_1219230, EPI_ISL_1219231, EPI_ISL_1219232, EPI_ISL_1219233, EPI_ISL_1219234, EPI_ISL_1219235, EPI_ISL_1219237, EPI_ISL_1219238, EPI_ISL_1219239, EPI_ISL_1219240, EPI_ISL_1219241, EPI_ISL_1219242, EPI_ISL_1219243, EPI_ISL_1219244, EPI_ISL_1219245, EPI_ISL_1219246, EPI_ISL_1219247, EPI_ISL_1219248, EPI_ISL_1219249, EPI_ISL_1219250, EPI_ISL_1219251, EPI_ISL_1219268			
see above	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansons, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219279, EPI_ISL_1219280, EPI_ISL_1219281, EPI_ISL_1219282	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 Klovins
EPI_ISL_1219290, EPI_ISL_1219291, EPI_ISL_1219295, EPI_ISL_1219297, EPI_ISL_1219298, EPI_ISL_1219299, EPI_ISL_1219300, EPI_ISL_1219301, EPI_ISL_1219304, EPI_ISL_1219310, EPI_ISL_1219311			
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 Klovins
EPI_ISL_1219313, EPI_ISL_1219316, EPI_ISL_1219318, EPI_ISL_1219319, EPI_ISL_1219320	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 Klovins
EPI_ISL_1219476, EPI_ISL_1219477, EPI_ISL_1219492	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 Klovins
EPI_ISL_1219713	Instituto de Diagnostico y Referencia Epidemiologicos INDRE_RNLSP	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benítez, Joaquín Quiroz-Mercado, David Frago-Fonseca, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-García, Gisela Barrera-Badillo, Lucía Hernández-Rivas, Irma López-Martínez, Ernesto Ramírez-González.
EPI_ISL_1219989, EPI_ISL_1219990, EPI_ISL_1219991, EPI_ISL_1219992	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_1220211, EPI_ISL_1220220, EPI_ISL_1220221	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_1223169, EPI_ISL_1223261, EPI_ISL_1223330, EPI_ISL_1223337, EPI_ISL_1223345, EPI_ISL_1223410	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1224869, EPI_ISL_1224874	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224921, EPI_ISL_1224923, EPI_ISL_1224924, EPI_ISL_1224925, EPI_ISL_1224926, EPI_ISL_1224927, EPI_ISL_1224928	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1226018, EPI_ISL_1226025, EPI_ISL_1226026, EPI_ISL_1226027, EPI_ISL_1226028, EPI_ISL_1226029	"PA Department of Health, Bureau of Laboratories"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226066, EPI_ISL_1226067, EPI_ISL_1226068, EPI_ISL_1226069, EPI_ISL_1226070, EPI_ISL_1226071, EPI_ISL_1226072, EPI_ISL_1226073	"NYSDOH Wadsworth Center, Virology Lab"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226155, EPI_ISL_1226156, EPI_ISL_1226157, EPI_ISL_1226158, EPI_ISL_1226161, EPI_ISL_1226162, EPI_ISL_1226164, EPI_ISL_1226165	OH Department of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226212, EPI_ISL_1226213	CT-Dr. Katherine A. Kelley State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226241, EPI_ISL_1226242, EPI_ISL_1226245, EPI_ISL_1226247, EPI_ISL_1226248, EPI_ISL_1226249, EPI_ISL_1226250, EPI_ISL_1226258, EPI_ISL_1226273	"CDPH, Viral and Rickettsial Disease Laboratory"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226288	MT Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226307, EPI_ISL_1226325	UT-Unified State Labs: Public Health Utah DOH	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226328, EPI_ISL_1226329, EPI_ISL_1226330, EPI_ISL_1226331, EPI_ISL_1226332, EPI_ISL_1226333, EPI_ISL_1226335, EPI_ISL_1226336, EPI_ISL_1226338	"OK Public Health Laboratory, Oklahoma State DOH"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226359, EPI_ISL_1226360, EPI_ISL_1226361, EPI_ISL_1226362, EPI_ISL_1226363, EPI_ISL_1226364, EPI_ISL_1226365, EPI_ISL_1226366, EPI_ISL_1226367, EPI_ISL_1226368	MO State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee

[illegible]

EPI_ISL_1227680, EPI_ISL_1227681, EPI_ISL_1227682, EPI_ISL_1227683	NYC Pandemic Response Lab	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_1227726	SUNY UPSTATE MEDICAL UNIVERSITY	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_1227861, EPI_ISL_1227862, EPI_ISL_1227863, EPI_ISL_1227864, EPI_ISL_1227865, EPI_ISL_1227866	NYC Pandemic Response Lab	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_1227934	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227935, EPI_ISL_1227936, EPI_ISL_1227937	New York Presbyterian 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_1227938, EPI_ISL_1227939, EPI_ISL_1227940, EPI_ISL_1227941, EPI_ISL_1227942	NYC Pandemic Response Lab	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_1227972	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_1227991, EPI_ISL_1228006, EPI_ISL_1228007, EPI_ISL_1228008	SUNY UPSTATE MEDICAL UNIVERSITY	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_1228176	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_1228177, EPI_ISL_1228178, EPI_ISL_1228179, EPI_ISL_1228180, EPI_ISL_1228237	NYC Pandemic Response Lab	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_1228263	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228282	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_1228369	NYC Pandemic Response Lab	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_1228422, EPI_ISL_1228561, EPI_ISL_1228562	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228563	NYC Pandemic Response Lab	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_1228564	New York Presbyterian 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_1228565, EPI_ISL_1228566	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228567	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_1231650, EPI_ISL_1231652, EPI_ISL_1231653, EPI_ISL_1231654, EPI_ISL_1231656, EPI_ISL_1231657, EPI_ISL_1231658, EPI_ISL_1231660, EPI_ISL_1231661, EPI_ISL_1231662, EPI_ISL_1231664, EPI_ISL_1231732, EPI_ISL_1231772, EPI_ISL_1231773			
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1232027	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_1232508	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_1233065, EPI_ISL_1233071, EPI_ISL_1233072, EPI_ISL_1233073, EPI_ISL_1233074, EPI_ISL_1233082, EPI_ISL_1233083	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_1233569, EPI_ISL_1233570, EPI_ISL_1233571, EPI_ISL_1233572, EPI_ISL_1233578, EPI_ISL_1233579, EPI_ISL_1233580, EPI_ISL_1233581, EPI_ISL_1233582, EPI_ISL_1233583, EPI_ISL_1233584, EPI_ISL_1233585, EPI_ISL_1233586, EPI_ISL_1233587, EPI_ISL_1233588			
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1234166	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_1234812	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1234828, EPI_ISL_1234855	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1234880	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1234945	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1234985, EPI_ISL_1234988, EPI_ISL_1234999	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235009	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235031	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235065, EPI_ISL_1235086, EPI_ISL_1235101, EPI_ISL_1235151, EPI_ISL_1235227, EPI_ISL_1235231, EPI_ISL_1235336, EPI_ISL_1235340, EPI_ISL_1235341	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235360	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235362	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235367	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235370	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium

EPI_ISL_1235372, EPI_ISL_1235373, EPI_ISL_1235375, EPI_ISL_1235377, EPI_ISL_1235378	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235379	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235381, EPI_ISL_1235383, EPI_ISL_1235384	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235394, EPI_ISL_1235395	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235400, EPI_ISL_1235416, EPI_ISL_1235418, EPI_ISL_1235419, EPI_ISL_1235424, EPI_ISL_1235427	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235428	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235434, EPI_ISL_1235438, EPI_ISL_1235441, EPI_ISL_1235442	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235445	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235450, EPI_ISL_1235451	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235452	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235455, EPI_ISL_1235468, EPI_ISL_1235469	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235470	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235472, EPI_ISL_1235473, EPI_ISL_1235478	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235483, EPI_ISL_1235487	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235488, EPI_ISL_1235490	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235491	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235496, EPI_ISL_1235501, EPI_ISL_1235502, EPI_ISL_1235506, EPI_ISL_1235507	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235508	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235509, EPI_ISL_1235511, EPI_ISL_1235515, EPI_ISL_1235521, EPI_ISL_1235522, EPI_ISL_1235525, EPI_ISL_1235526, EPI_ISL_1235528	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235536	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235539, EPI_ISL_1235540	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235542	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235544, EPI_ISL_1235545, EPI_ISL_1235546, EPI_ISL_1235549, EPI_ISL_1235558, EPI_ISL_1235570, EPI_ISL_1235572, EPI_ISL_1235578, EPI_ISL_1235582, EPI_ISL_1235588, EPI_ISL_1235591, EPI_ISL_1235600, EPI_ISL_1235602, EPI_ISL_1235604, EPI_ISL_1235606, EPI_ISL_1235608			
see above	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235667	Nigerian Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Olawoye, I.B., et.al
EPI_ISL_1235691, EPI_ISL_1235775, EPI_ISL_1235790, EPI_ISL_1235792, EPI_ISL_1235793, EPI_ISL_1235794, EPI_ISL_1235795, EPI_ISL_1235796, EPI_ISL_1235797, EPI_ISL_1235798, EPI_ISL_1235799, EPI_ISL_1235800, EPI_ISL_1235801, EPI_ISL_1235802, EPI_ISL_1235803, EPI_ISL_1235805, EPI_ISL_1235806, EPI_ISL_1235807, EPI_ISL_1235808, EPI_ISL_1235809, EPI_ISL_1235810, EPI_ISL_1235812, EPI_ISL_1235813, EPI_ISL_1235814, EPI_ISL_1235816, EPI_ISL_1235818, EPI_ISL_1235819, EPI_ISL_1235820, EPI_ISL_1235821, EPI_ISL_1235822, EPI_ISL_1235823, EPI_ISL_1235824, EPI_ISL_1235825, EPI_ISL_1235826, EPI_ISL_1235827, EPI_ISL_1235828, EPI_ISL_1235829, EPI_ISL_1235831, EPI_ISL_1235832, EPI_ISL_1235833, EPI_ISL_1235834, EPI_ISL_1235836, EPI_ISL_1235840, EPI_ISL_1235841, EPI_ISL_1235842, EPI_ISL_1235844, EPI_ISL_1235846, EPI_ISL_1235849, EPI_ISL_1235850, EPI_ISL_1235851, EPI_ISL_1235853, EPI_ISL_1235854, EPI_ISL_1235855, EPI_ISL_1235856, EPI_ISL_1235858, EPI_ISL_1235862, EPI_ISL_1235863, EPI_ISL_1235864, EPI_ISL_1235865, EPI_ISL_1235866, EPI_ISL_1235867, EPI_ISL_1235868, EPI_ISL_1235869, EPI_ISL_1235870, EPI_ISL_1235871, EPI_ISL_1235872, EPI_ISL_1235873, EPI_ISL_1235874, EPI_ISL_1235875, EPI_ISL_1235876, EPI_ISL_1235877, EPI_ISL_1235878, EPI_ISL_1235879, EPI_ISL_1235880, EPI_ISL_1235881, EPI_ISL_1235882, EPI_ISL_1235883, EPI_ISL_1235884, EPI_ISL_1235885, EPI_ISL_1235886, EPI_ISL_1235887, EPI_ISL_1235888, EPI_ISL_1235889, EPI_ISL_1235890, EPI_ISL_1235891, EPI_ISL_1235892, EPI_ISL_1235893, EPI_ISL_1235894, EPI_ISL_1235895, EPI_ISL_1235896, EPI_ISL_1235897, EPI_ISL_1235898, EPI_ISL_1235899, EPI_ISL_1235900, EPI_ISL_1235901, EPI_ISL_1235902, EPI_ISL_1235903, EPI_ISL_1235904, EPI_ISL_1235905, EPI_ISL_1235906, EPI_ISL_1235907, EPI_ISL_1235908, EPI_ISL_1235909, EPI_ISL_1235910, EPI_ISL_1235911, EPI_ISL_1235912, EPI_ISL_1235913, EPI_ISL_1235914, EPI_ISL_1235915, EPI_ISL_1235916, EPI_ISL_1235917, EPI_ISL_1235918, EPI_ISL_1235919, EPI_ISL_1235920, EPI_ISL_1235921, EPI_ISL_1235922, EPI_ISL_1235923, EPI_ISL_1235924, EPI_ISL_1235925, EPI_ISL_1235926, EPI_ISL_1235927, EPI_ISL_1235928, EPI_ISL_1235929, EPI_ISL_1235930, EPI_ISL_1235931, EPI_ISL_1235932, EPI_ISL_1235933, EPI_ISL_1235934, EPI_ISL_1235935, EPI_ISL_1235936, EPI_ISL_1235937, EPI_ISL_1235938, EPI_ISL_1235939, EPI_ISL_1235940, EPI_ISL_1235941, EPI_ISL_1235942, EPI_ISL_1235943, EPI_ISL_1235944, EPI_ISL_1235945, EPI_ISL_1235946, EPI_ISL_1235947, EPI_ISL_1235948, EPI_ISL_1235949, EPI_ISL_1235950, EPI_ISL_1235951, EPI_ISL_1235952, EPI_ISL_1235953, EPI_ISL_1235954, EPI_ISL_1235955, EPI_ISL_1235956, EPI_ISL_1235957, EPI_ISL_1235958, EPI_ISL_1235959, EPI_ISL_1235960, EPI_ISL_1235961, EPI_ISL_1235962, EPI_ISL_1235963, EPI_ISL_1235964, EPI_ISL_1235965, EPI_ISL_1235966, EPI_ISL_1235967, EPI_ISL_1235968, EPI_ISL_1235969, EPI_ISL_1235970, EPI_ISL_1235971, EPI_ISL_1235972, EPI_ISL_1235973, EPI_ISL_1235974, EPI_ISL_1235975, EPI_ISL_1235976, EPI_ISL_1235977, EPI_ISL_1235978, EPI_ISL_1235979, EPI_ISL_1235980, EPI_ISL_1235981, EPI_ISL_1235982, EPI_ISL_1235983, EPI_ISL_1235984, EPI_ISL_1235985, EPI_ISL_1235986, EPI_ISL_1235987, EPI_ISL_1235988, EPI_ISL_1235989, EPI_ISL_1235990, EPI_ISL_1235991, EPI_ISL_1235992, EPI_ISL_1235993, EPI_ISL_1235994, EPI_ISL_1235995, EPI_ISL_1235996, EPI_ISL_1235997, EPI_ISL_1235998, EPI_ISL_1235999			
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_1239116, EPI_ISL_1239121, EPI_ISL_1239122	Laboratório Central de Saúde Pública do Espírito Santo	Coordenação Geral de Laboratórios de Saúde Pública (CGLAB)	Vagner Fonseca et al,
EPI_ISL_1239144	National Institute of Health Research and Development	National Institute of Health Research and Development	Kindi Adam, Holy Arif Wibowo, Ririn Ramadhany, Yuni Rukminiati, Agustningsih, Hana A Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Triyani Soekarso, Ni Ketut Susilarini, Nur Ika Hariastuti, Uly Alfi Nikmah, Mursinah, Asri Febriyani, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Aulia Rizki, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_1239445, EPI_ISL_1239449, EPI_ISL_1239450, EPI_ISL_1241862, EPI_ISL_1241866, EPI_ISL_1241867, EPI_ISL_1241868, EPI_ISL_1241870, EPI_ISL_1241872, EPI_ISL_1241873, EPI_ISL_1241874, EPI_ISL_1241875			
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_1241885	CHU Rennes	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_1242070, EPI_ISL_1242094, EPI_ISL_1242115, EPI_ISL_1242147, EPI_ISL_1242159, EPI_ISL_1242166, EPI_ISL_1242201, EPI_ISL_1242217, EPI_ISL_1242229, EPI_ISL_1242250, EPI_ISL_1242266, EPI_ISL_1242275, EPI_ISL_1244871, EPI_ISL_1244872, EPI_ISL_1244873, EPI_ISL_1244874, EPI_ISL_1244875, EPI_ISL_1244876, EPI_ISL_1244877, EPI_ISL_1244878, EPI_ISL_1244882, EPI_ISL_1244913, EPI_ISL_1244915, EPI_ISL_1244920, EPI_ISL_1244922, EPI_ISL_1244932, EPI_ISL_1244936, EPI_ISL_1244939, EPI_ISL_1244941, EPI_ISL_1244943, EPI_ISL_1244949, EPI_ISL_1244979, EPI_ISL_1245002, EPI_ISL_1245004			
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1246957	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimón JM, Montes M, Piñeiro L, Sorraín A, Cilla G.
EPI_ISL_1247686, EPI_ISL_1247687, EPI_ISL_1247688	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

EPI_ISL_1248521	Edinburgh 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 Randall, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1248964, EPI_ISL_1248971, EPI_ISL_1248976, EPI_ISL_1248977, EPI_ISL_1248997, EPI_ISL_1249012, EPI_ISL_1249034, EPI_ISL_1249035, EPI_ISL_1249036, EPI_ISL_1249049	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, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1249232	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_1249449	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungulovski G. et al.
EPI_ISL_1250554	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1251229, EPI_ISL_1251230, EPI_ISL_1251231	Regional Medical Sciences Center 7 Khon Kean	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada; Siripaporn Phuygun; Sittiporn Parnmen; Nuttida Thongpramul; Hathaikan Tanchai; Ratana Tacharoenmuang; Pakorn Piromtong; Natchaya Khiahsang; Thanutsapa Thanadachakull; Sunthareeya Waicharoen.
EPI_ISL_1251998	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_1252011	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_1252013	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_1252019	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1252020	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_1252023, EPI_ISL_1252024	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_1252422	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_1252892, EPI_ISL_1252904, EPI_ISL_1253399	Struttura Semplice Dipartimentale di Virologia e Microbiologia molecolare, Azienda Ospedaliero-Universitaria, Policlinico di Modena	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Pecorari Monica, Gennari William, Fregni Serpini Giulia, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1253705	Laboratorio Unico Provinciale Azienda Ospedaliero-Universitaria di Ferrara	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Michela Boni, Sara Ghisellini, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1253899	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_1255272, EPI_ISL_1255273, EPI_ISL_1255275	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Accra, Ghana	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Volta Road, Legon-Accra, Ghana	Collins M. Morang'a, Joyce M. Ngoi, Evelyn B. Quansah, Samirah Said, Dominic S.Y. Amuzu, Vincent Appiah, Philip M. Soglo, Vanessa Magnussen, Aisha Mohammed, Kesego Tapela, Nelson Kibinge, Abdoulaye B Diallo, Frederick Kumi-Ansah, Theophilus Odomo, Oliver D Boakye, Emmanuella Amoako, Abdul-Karim Abass, Samuel Kaba Akoriyea, Frederick Tei-Maya, Lucas M. Amenga-Etego, Dam Kenneth Mibut, Yaw Bediako, Benjamin Demah Nuerthey, Gordon A Awandare, Peter K Quashie, Gordon A Awandare, Yaw Bediako
EPI_ISL_1257845, EPI_ISL_1257846	RSUP Fatmawati	National Institute of Health Research and Development	Kartika Dewi Puspa, Hana Apsari Pawestri, Subangkit, Arie Adriansyah Nugraha, Hartanti Dian Ikawati, Nelly Puspandari, Krisna Pangesti, Lidya Utami, Luci Liana, Lusiya Ningsih, Vivi Setiawaty
EPI_ISL_1259009, EPI_ISL_1259010, EPI_ISL_1259011, EPI_ISL_1259012, EPI_ISL_1259013, EPI_ISL_1259014, EPI_ISL_1259015, EPI_ISL_1259017, EPI_ISL_1259018	Azienda Ospedaliero - Universitaria di Bologna IRCCS Policlinico di Sant'Orsola - Unità di Microbiologia	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Giada Rossini, Giuliano Furlini, Tiziana Lazzarotto, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1260853	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, Anacerio Federico
EPI_ISL_1260930	Microbiologia e Virologia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1260932, EPI_ISL_1260933, EPI_ISL_1260934, EPI_ISL_1260935, EPI_ISL_1260936	ULSS 5 Polesana	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1260938	ULSS 1 Dolomiti	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1261203, EPI_ISL_1261204, EPI_ISL_1261206, EPI_ISL_1261209, EPI_ISL_1261210, EPI_ISL_1261303, EPI_ISL_1261304, EPI_ISL_1261313	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_1261696	LACEN - Laboratório Central de Saúde Pública do Amapá	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_1262093, EPI_ISL_1262096	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_1264168	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1265556, EPI_ISL_1265557, EPI_ISL_1265558	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_1265625	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Poignard, Raphaël Germi, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani
EPI_ISL_1265899	Laboratorio Unico Provinciale Azienda	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL	Michela Boni, Sara Ghisellini, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri

EPI_ISL_1265900	Ospedaliero-Universitaria di Ferrara Ohio Department of Health Laboratory	della Romagna Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGilivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1265901	Laboratorio Unico Provinciale Azienda Ospedaliero-Universitaria di Ferrara	U.O. Microbiologia, Laboratorio Unico Centro Servizi - AUSL della Romagna	Michela Boni, Sara Ghisellini, Giorgio Dirani, Silvia Zannoli, Vittorio Sambri
EPI_ISL_1272058, EPI_ISL_1272059, EPI_ISL_1272060, EPI_ISL_1272064, EPI_ISL_1272069	Hospital Universitario Virgen de las Nieves de Granada-SAS	SeqCOVID-SPAIN consortium/IBV(CSIC)	Sara Sanbonmatsu Gámez, Irene Pedrosa Corral, José M. Navarro-Mari and SeqCOVID-SPAIN consortium
EPI_ISL_1272271	NB-Hôpital Georges L. Dumont	National Microbiology Laboratory (NML)	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, 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_1272432, EPI_ISL_1272433, EPI_ISL_1272437, EPI_ISL_1272456, EPI_ISL_1272482, EPI_ISL_1272483, EPI_ISL_1272486, EPI_ISL_1272487, EPI_ISL_1272488	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Darío García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Víctor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_1272554	Hospital Universitario 12 de Octubre	SeqCOVID-SPAIN consortium/IBV(CSIC)	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_1272639, EPI_ISL_1272642, EPI_ISL_1272643, EPI_ISL_1272645, EPI_ISL_1272649	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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272675, EPI_ISL_1272677, EPI_ISL_1272678	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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272714, EPI_ISL_1272716	FL Bureau of Public Health Laboratories-Tampa	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew 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_1272787	LA Office of Public 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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272815	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_1272846, EPI_ISL_1272850, EPI_ISL_1272855	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_1272861, EPI_ISL_1272862, EPI_ISL_1272863, EPI_ISL_1272866	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_1273328, EPI_ISL_1273331, EPI_ISL_1273332, EPI_ISL_1273335, EPI_ISL_1273366, EPI_ISL_1273376	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1273731	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_1273781, EPI_ISL_1273782, EPI_ISL_1273783, EPI_ISL_1273784, EPI_ISL_1273799, EPI_ISL_1273801, EPI_ISL_1273803, EPI_ISL_1273805, EPI_ISL_1273807	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_1278555, EPI_ISL_1278562, EPI_ISL_1278563, EPI_ISL_1278597, EPI_ISL_1278598, EPI_ISL_1278599, EPI_ISL_1278781, EPI_ISL_1278782, EPI_ISL_1278783, EPI_ISL_1278784, EPI_ISL_1278804, EPI_ISL_1278821, EPI_ISL_1278825, EPI_ISL_1278907, EPI_ISL_1278912, EPI_ISL_1278913	see above	Cialit Health Services Laboratories, Israel	Stern Lab
EPI_ISL_1279276, EPI_ISL_1279462	Centro de Investigación Biomédica del Noreste (CIBIN)	Instituto Nacional de Enfermedades Respiratorias (INER); Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragon, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1280100, EPI_ISL_1280101, EPI_ISL_1280102, EPI_ISL_1280103, EPI_ISL_1280104, EPI_ISL_1280105, EPI_ISL_1280106, EPI_ISL_1280107, EPI_ISL_1280108, EPI_ISL_1280109, EPI_ISL_1280110, EPI_ISL_1280111, EPI_ISL_1280112, EPI_ISL_1280113	see above	Department of Genetics, Medirex	Laboratory of Genomics and Bioinformatics, Comenius University Science Park
EPI_ISL_1280631, EPI_ISL_1280637, EPI_ISL_1280651, EPI_ISL_1280653, EPI_ISL_1280665	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1281248	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1284307	RS Mitra Keluarga Gading Serpong	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_1284310	RS Bhakti Husada Cikarang	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_1285345, EPI_ISL_1285368	Labor Prof. Dr. G. Enders MVZ GbR	Robert Koch Institute	unknown
EPI_ISL_1289828, EPI_ISL_1289830, EPI_ISL_1289831, EPI_ISL_1289832	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	José Gonçalves, Tom Koritnik, Martin Bosilj, Katarina Proscenc, Metka Paragi
EPI_ISL_1290168, EPI_ISL_1290169, EPI_ISL_1290170, EPI_ISL_1290171, EPI_ISL_1290172, EPI_ISL_1290173, EPI_ISL_1290174, EPI_ISL_1290175, EPI_ISL_1290176, EPI_ISL_1290177, EPI_ISL_1290178, EPI_ISL_1290179, EPI_ISL_1290180, EPI_ISL_1290298, EPI_ISL_1290299, EPI_ISL_1290300, EPI_ISL_1290579	see above	Swedish national genomic surveillance program of	The Public Health Agency of Sweden
			Swedish national genomic surveillance program of SARS-CoV-2

EPI_ISL_1291317, EPI_ISL_1291361, EPI_ISL_1291373	SARS-CoV-2 TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1291610, EPI_ISL_1291611, EPI_ISL_1291619, EPI_ISL_1291629, EPI_ISL_1291632, EPI_ISL_1291647, EPI_ISL_1291648, EPI_ISL_1291650	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_1291658, EPI_ISL_1291659, EPI_ISL_1291661, EPI_ISL_1291670, EPI_ISL_1291675, EPI_ISL_1291677, EPI_ISL_1291680, EPI_ISL_1291683, EPI_ISL_1291696, EPI_ISL_1291703, EPI_ISL_1291709, EPI_ISL_1291710, EPI_ISL_1291711, EPI_ISL_1291712, EPI_ISL_1291713, EPI_ISL_1291719, EPI_ISL_1291721, EPI_ISL_1291724, EPI_ISL_1291728			
see above	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_1292511, EPI_ISL_1292525, EPI_ISL_1292526, EPI_ISL_1292538, EPI_ISL_1292542, EPI_ISL_1292556, EPI_ISL_1292566, EPI_ISL_1292572, EPI_ISL_1292573, EPI_ISL_1292574, EPI_ISL_1292576, EPI_ISL_1292580, EPI_ISL_1292592, EPI_ISL_1292597, EPI_ISL_1292602, EPI_ISL_1292603, EPI_ISL_1292608			
see above	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_1293071, EPI_ISL_1293075, EPI_ISL_1293077, EPI_ISL_1293078	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_1295203, EPI_ISL_1295261	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295811	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
EPI_ISL_1296603, EPI_ISL_1296604, EPI_ISL_1296605, EPI_ISL_1296609, EPI_ISL_1296610, EPI_ISL_1296612, EPI_ISL_1296613, EPI_ISL_1296615, EPI_ISL_1296621	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1297335, EPI_ISL_1297336, EPI_ISL_1297337, EPI_ISL_1297339, EPI_ISL_1297344	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_1297384	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1297422	CH Givors	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_1297437, EPI_ISL_1297438, EPI_ISL_1297440	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_1297827, EPI_ISL_1297828, EPI_ISL_1297829	Arcispedale Santa Maria Nuova, Autoimmunità, Allergologia e Biotecnologie Innovative	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Alessandro Zerbini, Lucia Belloni, Stefania Croci, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1299317, EPI_ISL_1299322	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_1300291	Klinisk mikrobiologi	The Public Health Agency of Sweden	Samuel Ohman, Maria Lind Karlberg, Anna-Malin Linde, 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_1300345, EPI_ISL_1300346, EPI_ISL_1300347, EPI_ISL_1300348, EPI_ISL_1300349, EPI_ISL_1300350, EPI_ISL_1300351, EPI_ISL_1300360, EPI_ISL_1300369, EPI_ISL_1300370, EPI_ISL_1300372, EPI_ISL_1300388, EPI_ISL_1300389, EPI_ISL_1300390, EPI_ISL_1300393, EPI_ISL_1300398, EPI_ISL_1300400, EPI_ISL_1300401, EPI_ISL_1300408, EPI_ISL_1300409			
see above	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_1300537	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, 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_1300809, EPI_ISL_1300864, EPI_ISL_1300904, EPI_ISL_1300905, EPI_ISL_1300906, EPI_ISL_1300907, EPI_ISL_1300908, EPI_ISL_1300909, EPI_ISL_1301413, EPI_ISL_1301414, EPI_ISL_1301415, EPI_ISL_1301416, EPI_ISL_1301417, EPI_ISL_1301418, EPI_ISL_1301419, EPI_ISL_1301420, EPI_ISL_1301421, EPI_ISL_1301422, EPI_ISL_1301423, EPI_ISL_1301424			
see above	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 Albuquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise Jurczynszak, 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_1301938, EPI_ISL_1301939, EPI_ISL_1301940, EPI_ISL_1301941	hopital	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, Leruez-Ville Marianne
EPI_ISL_1302056	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1302674	National Center for Infectious and Parasitic Diseases	National Center for Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1302694, EPI_ISL_1302699	Gravity Diagnostics	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1302820, EPI_ISL_1302821	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_1303135, EPI_ISL_1303136, EPI_ISL_1303139, EPI_ISL_1303140, EPI_ISL_1303143, EPI_ISL_1303144, EPI_ISL_1303146, EPI_ISL_1303149, EPI_ISL_1303150, EPI_ISL_1303151, EPI_ISL_1303155, EPI_ISL_1303156, EPI_ISL_1303157, EPI_ISL_1303275, EPI_ISL_1303277, EPI_ISL_1303278, EPI_ISL_1303279, EPI_ISL_1303280, EPI_ISL_1303281, EPI_ISL_1303282, EPI_ISL_1303283, EPI_ISL_1303285, EPI_ISL_1303286, EPI_ISL_1303287, EPI_ISL_1303288, EPI_ISL_1303289, EPI_ISL_1303290			
see above	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores.H., Freeman,J.
EPI_ISL_1308538	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_1308722, EPI_ISL_1308723, EPI_ISL_1308831	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_1309654	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_1309672	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_1311117, EPI_ISL_1311118, EPI_ISL_1311195, EPI_ISL_1311329, EPI_ISL_1311401, EPI_ISL_1311639, EPI_ISL_1311816, EPI_ISL_1311817	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1311867, EPI_ISL_1311878, EPI_ISL_1311910, EPI_ISL_1311918, EPI_ISL_1311919, EPI_ISL_1311938, EPI_ISL_1311939, EPI_ISL_1311945	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martin, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_1312065, EPI_ISL_1312066, EPI_ISL_1312068, EPI_ISL_1312069, EPI_ISL_1312121	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_1312776	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_1313047, EPI_ISL_1313083, EPI_ISL_1313141, EPI_ISL_1313144, EPI_ISL_1313145	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1313146	CDP PIERRE OUDOT	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_1313717, EPI_ISL_1313850, EPI_ISL_1313852, EPI_ISL_1313854, EPI_ISL_1313858, EPI_ISL_1313860, EPI_ISL_1313865, EPI_ISL_1313866	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1317309	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_1317310	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, 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_1317311, EPI_ISL_1317312, EPI_ISL_1317313	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_1317314	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317903, EPI_ISL_1317904, EPI_ISL_1317905, EPI_ISL_1317906	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_1317907, EPI_ISL_1317908	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317909, EPI_ISL_1317910, EPI_ISL_1317911	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_1317912	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_1318297, EPI_ISL_1318306, EPI_ISL_1318308	TN Division of Laboratory Services	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_1318381, EPI_ISL_1318382, EPI_ISL_1318383, EPI_ISL_1318384, EPI_ISL_1318385, EPI_ISL_1318386, EPI_ISL_1318387, EPI_ISL_1318388, EPI_ISL_1318389, EPI_ISL_1318390, EPI_ISL_1318391, EPI_ISL_1318392, EPI_ISL_1318393, EPI_ISL_1318395, EPI_ISL_1318396, EPI_ISL_1318397, EPI_ISL_1318398, EPI_ISL_1318399, EPI_ISL_1318400, EPI_ISL_1318401	see above	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_1318443	ND Dept. of Health Laboratory Services-Microbiology	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318515, EPI_ISL_1318517, EPI_ISL_1318519, EPI_ISL_1318521, EPI_ISL_1318522	"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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318669	"PA Department of Health, 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318713, EPI_ISL_1318716, EPI_ISL_1318733, EPI_ISL_1318738, EPI_ISL_1318739, EPI_ISL_1318742, EPI_ISL_1318759, EPI_ISL_1318770, EPI_ISL_1318773, EPI_ISL_1318782, EPI_ISL_1318794, EPI_ISL_1318819, EPI_ISL_1318821, EPI_ISL_1318827, EPI_ISL_1318828, EPI_ISL_1318850, EPI_ISL_1318858, EPI_ISL_1318884, EPI_ISL_1318888, EPI_ISL_1318925, EPI_ISL_1318935, EPI_ISL_1318948	see above	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaershot, Patrick Ayscye, Lucy Li, Eric Chow, Idseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havir, and Joseph DeRisi
EPI_ISL_1321464, EPI_ISL_1321496, EPI_ISL_1321497, EPI_ISL_1321555	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_1321819, EPI_ISL_1321822, EPI_ISL_1321825, EPI_ISL_1321826, EPI_ISL_1321827	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1324050, EPI_ISL_1324082	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1324365, EPI_ISL_1324366, EPI_ISL_1324367, EPI_ISL_1324368, EPI_ISL_1324369	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_1335694	National Laboratory for Health, Environment and Food, OMM,	CISLD (Clinical Institute of Special Laboratory Diagnostics),	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino

	Celje	University Children's Hospital, University Medical Center Ljubljana	
EPI_ISL_1335805, EPI_ISL_1335806	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1340801, EPI_ISL_1340802	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1341784	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_1346490	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhash, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1347783, EPI_ISL_1347786, EPI_ISL_1347787, EPI_ISL_1347788	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschoot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havlir, and Joseph DeRisi
EPI_ISL_1347922, EPI_ISL_1347923	Instituto Nacional de Investigación em Saúde	KRISP, KZN Research Innovation and Sequencing Platform	Morais J, Neto Z, Afonso P, Miranda J, David K, Inglês L, Pereira A, Paulo A Carralero RR Paixão JP, Freitas RH, Mufinda M, Lutucuta S, Giandhari J, Pillay S, Naidoo Y, Emmanuel SJ, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_1348510, EPI_ISL_1348515, EPI_ISL_1348527, EPI_ISL_1348529, EPI_ISL_1348530, EPI_ISL_1348533, EPI_ISL_1348543, EPI_ISL_1348544, EPI_ISL_1348545, EPI_ISL_1348546, EPI_ISL_1348550, EPI_ISL_1348554, EPI_ISL_1348555, EPI_ISL_1348567, EPI_ISL_1348569, EPI_ISL_1348576, EPI_ISL_1348583			
see above	Universitätsklinikum Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1349017, EPI_ISL_1349116, EPI_ISL_1349121, EPI_ISL_1349132, EPI_ISL_1349148	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1349610, EPI_ISL_1349618, EPI_ISL_1349620, EPI_ISL_1349622, EPI_ISL_1349636, EPI_ISL_1349646	Landesgesundheitsamt Baden-Württemberg	Robert Koch Institute	unknown
EPI_ISL_1353485	Labor Dr. Spranger	Robert Koch Institute	unknown
EPI_ISL_1357653	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_1357907, EPI_ISL_1358026, EPI_ISL_1358027, EPI_ISL_1358028, EPI_ISL_1358029, EPI_ISL_1358031, EPI_ISL_1358032, EPI_ISL_1358033, EPI_ISL_1358034, EPI_ISL_1358035, EPI_ISL_1358036, EPI_ISL_1358037, EPI_ISL_1358155, EPI_ISL_1358156, EPI_ISL_1358157, EPI_ISL_1358158, EPI_ISL_1358159, EPI_ISL_1358160, EPI_ISL_1358161, EPI_ISL_1358162, EPI_ISL_1358194, EPI_ISL_1358202			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1358309	LACEN do Mato Grosso do Sul	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_1358773, EPI_ISL_1358774, EPI_ISL_1358775, EPI_ISL_1358776, EPI_ISL_1358777, EPI_ISL_1358778, EPI_ISL_1358779, EPI_ISL_1358780, EPI_ISL_1358781, EPI_ISL_1358782, EPI_ISL_1358783, EPI_ISL_1358784, EPI_ISL_1358785, EPI_ISL_1358786, EPI_ISL_1358787, EPI_ISL_1358788, EPI_ISL_1358789, EPI_ISL_1358790			
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_1359972	LAB 77	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_1359973, EPI_ISL_1359974	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1360355	CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology - INSACOG	Ara Sreenivas, Onkar Kulkarni, Lamuk Zaveri, Sofia Banu, Shreekant Verma, Amareshwar Vodapalli , Viswagithe S L, B Himasri, Sharath Chandra Thota, Karthik Bharadwaj Tallapaka, Krishna Khairnar, Rakesh K Mishra, Divya Tej Sowpati
EPI_ISL_1360356	CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology - INSACOG	Sofia Banu, Lamuk Zaveri, Ara Sreenivas, Shreekant Verma, Onkar Kulkarni, Amareshwar Vodapalli , Viswagithe S L, B Himasri, Sharath Chandra Thota, Karthik Bharadwaj Tallapaka, Krishna Khairnar, Rakesh K Mishra, Divya Tej Sowpati
EPI_ISL_1361541, EPI_ISL_1361542, EPI_ISL_1361551, EPI_ISL_1361576, EPI_ISL_1361577, EPI_ISL_1361578	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Semprini, Silvia Zanoli, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1363877, EPI_ISL_1363879, EPI_ISL_1363907, EPI_ISL_1363908, EPI_ISL_1363909, EPI_ISL_1363910, EPI_ISL_1363911, EPI_ISL_1363912, EPI_ISL_1363913, EPI_ISL_1363914, EPI_ISL_1363915, EPI_ISL_1363916, EPI_ISL_1363933, EPI_ISL_1363934, EPI_ISL_1363935, EPI_ISL_1363936, EPI_ISL_1363937, EPI_ISL_1363938, EPI_ISL_1363940, EPI_ISL_1363959, EPI_ISL_1363960, EPI_ISL_1364001, EPI_ISL_1364002, EPI_ISL_1364004, EPI_ISL_1364005, EPI_ISL_1364011, EPI_ISL_1364099, EPI_ISL_1364101, EPI_ISL_1364103, EPI_ISL_1364105, EPI_ISL_1364143, EPI_ISL_1364144, EPI_ISL_1364201, EPI_ISL_1364202, EPI_ISL_1364203, EPI_ISL_1364204, EPI_ISL_1364206, EPI_ISL_1364207, EPI_ISL_1364208, EPI_ISL_1364209, EPI_ISL_1364210, EPI_ISL_1364211, EPI_ISL_1364212, EPI_ISL_1364213, EPI_ISL_1364243, EPI_ISL_1364289, EPI_ISL_1364409, EPI_ISL_1364410, EPI_ISL_1364421, EPI_ISL_1364423			
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_1364568, EPI_ISL_1364569, EPI_ISL_1364573, EPI_ISL_1364604, EPI_ISL_1364605, EPI_ISL_1364606, EPI_ISL_1364607, EPI_ISL_1364608, EPI_ISL_1364609	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1364623, EPI_ISL_1364629, EPI_ISL_1364638, EPI_ISL_1364649, EPI_ISL_1364665, EPI_ISL_1364680, EPI_ISL_1364713, EPI_ISL_1364724, EPI_ISL_1364747, EPI_ISL_1364790	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Eftem S. Lim
EPI_ISL_1364900, EPI_ISL_1364901	Bundeswehrzentralrankenhaus Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364906	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_1366144, EPI_ISL_1366145, EPI_ISL_1366146	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_1366172, EPI_ISL_1366174, EPI_ISL_1366176, EPI_ISL_1366186, EPI_ISL_1366188, EPI_ISL_1366205, EPI_ISL_1366206, EPI_ISL_1366208, EPI_ISL_1366210, EPI_ISL_1366211, EPI_ISL_1366212, EPI_ISL_1366214, EPI_ISL_1366215, EPI_ISL_1366217, EPI_ISL_1366218, EPI_ISL_1366219, EPI_ISL_1366220, EPI_ISL_1366221, EPI_ISL_1366223, EPI_ISL_1366224, EPI_ISL_1366225, EPI_ISL_1366227, EPI_ISL_1366228, EPI_ISL_1366229, EPI_ISL_1366230, EPI_ISL_1366231, EPI_ISL_1366232, EPI_ISL_1366236, EPI_ISL_1366237			
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, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1366320	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1366333	Genomica Lab Molecular, Mexico	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Jonathan Gonzalez Garcia, Jose Roman Chavez Mendez, Jose Horacio Reyna Verdugo, Martin Gonzalez Ibarra, Luis Alberto Rangel Gonzalez
EPI_ISL_1366403, EPI_ISL_1366404	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1366567	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, Andraž Čelar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1366793	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_1369296, EPI_ISL_1369309, EPI_ISL_1369320, EPI_ISL_1369322	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_1370887	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_1372291	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Tamila Musaeva, Maria Timofeeva, Veronika Eder, Maria Pisareva, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov
EPI_ISL_1373744, EPI_ISL_1373745, EPI_ISL_1373747, EPI_ISL_1373769, EPI_ISL_1373819, EPI_ISL_1373820, EPI_ISL_1373826, EPI_ISL_1373831	Washington University School of Medicine	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1373864	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1373879	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1374023, EPI_ISL_1374024, EPI_ISL_1374025, EPI_ISL_1374042, EPI_ISL_1374043	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_1379887, EPI_ISL_1379888	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Becky Jiang, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky
EPI_ISL_1380799, EPI_ISL_1380800, EPI_ISL_1380801, EPI_ISL_1380802, EPI_ISL_1380803, EPI_ISL_1380865, EPI_ISL_1380868, EPI_ISL_1380869, EPI_ISL_1380997, EPI_ISL_1380998, EPI_ISL_1380999, EPI_ISL_1381000, EPI_ISL_1381001	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1381308, EPI_ISL_1381314, EPI_ISL_1381315, EPI_ISL_1381333	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Sorin Dinu, Mihaela Lazar
EPI_ISL_1382833, EPI_ISL_1382834, EPI_ISL_1382835, EPI_ISL_1382836, EPI_ISL_1382837, EPI_ISL_1382838, EPI_ISL_1382839, EPI_ISL_1382840, EPI_ISL_1382841, EPI_ISL_1382842, EPI_ISL_1382843, EPI_ISL_1382844	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1383415, EPI_ISL_1383416, EPI_ISL_1383417, EPI_ISL_1383418, EPI_ISL_1383419, EPI_ISL_1383420, EPI_ISL_1383421, EPI_ISL_1383422, EPI_ISL_1383423, EPI_ISL_1383425, EPI_ISL_1383427, EPI_ISL_1383428, EPI_ISL_1383429, EPI_ISL_1383432, EPI_ISL_1383435, EPI_ISL_1383436, EPI_ISL_1383438, EPI_ISL_1383439, EPI_ISL_1383440, EPI_ISL_1383441, EPI_ISL_1383442, EPI_ISL_1383443, EPI_ISL_1383444, EPI_ISL_1383445, EPI_ISL_1383448, EPI_ISL_1383449, EPI_ISL_1383450, EPI_ISL_1383451, EPI_ISL_1383452, EPI_ISL_1383455, EPI_ISL_1383456, EPI_ISL_1383457, EPI_ISL_1383458, EPI_ISL_1383459, EPI_ISL_1383460, EPI_ISL_1383461	see above	Laboratoire national de sante, Microbiology, Virology	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1383850, EPI_ISL_1383853, EPI_ISL_1383868	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_1384068, EPI_ISL_1384070	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_1384574	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_1384862, EPI_ISL_1384864, EPI_ISL_1384865, EPI_ISL_1384866, EPI_ISL_1384867, EPI_ISL_1384868, EPI_ISL_1384870, EPI_ISL_1384871	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_1387229, EPI_ISL_1387230, EPI_ISL_1387231	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_1387502	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_1388141, EPI_ISL_1388152, EPI_ISL_1388154	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_1388181, EPI_ISL_1388183, EPI_ISL_1388358, EPI_ISL_1388360	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_1388364	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_1388366	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_1388370, EPI_ISL_1388550	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_1388552	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_1388635, EPI_ISL_1388720	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_1388740	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_1388742, EPI_ISL_1389011, EPI_ISL_1389017	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_1389019, EPI_ISL_1389020, EPI_ISL_1389021, EPI_ISL_1389022, EPI_ISL_1389023	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_1389026, EPI_ISL_1389029	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_1389033, EPI_ISL_1389034, EPI_ISL_1389035	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_1389039, EPI_ISL_1389041, EPI_ISL_1389045, EPI_ISL_1389047	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_1391009	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, Ully Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1391278, EPI_ISL_1391280, EPI_ISL_1391283, EPI_ISL_1391285, EPI_ISL_1391289, EPI_ISL_1391291, EPI_ISL_1391292, EPI_ISL_1391293, EPI_ISL_1391294, EPI_ISL_1391301, EPI_ISL_1391302, EPI_ISL_1391303, EPI_ISL_1391305, EPI_ISL_1391307, EPI_ISL_1391311, EPI_ISL_1391312, EPI_ISL_1391313, EPI_ISL_1391314, EPI_ISL_1391316, EPI_ISL_1391318, EPI_ISL_1391319, EPI_ISL_1391327, EPI_ISL_1391329, EPI_ISL_1391331, EPI_ISL_1391332, EPI_ISL_1391333, EPI_ISL_1391335, EPI_ISL_1391336, EPI_ISL_1391337, EPI_ISL_1391341, EPI_ISL_1391343, EPI_ISL_1391348, EPI_ISL_1391352, EPI_ISL_1391354, EPI_ISL_1391355, EPI_ISL_1391356, EPI_ISL_1391362, EPI_ISL_1391364, EPI_ISL_1391365, EPI_ISL_1391369			
see above	Motol University Hospital	Institute of Applied Biotechnologies a.s.	Petr Klempt, Ondej Brzo, Martin Kašný, Kateina Kvapilová, Pavel Devínek, Petr Kvapil
EPI_ISL_1391382, EPI_ISL_1391383	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Yelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1392945, EPI_ISL_1392998, EPI_ISL_1392999, EPI_ISL_1393000, EPI_ISL_1393001, EPI_ISL_1393002, EPI_ISL_1393003, EPI_ISL_1393004, EPI_ISL_1393005, EPI_ISL_1393006, EPI_ISL_1393007, EPI_ISL_1393008, EPI_ISL_1393009, EPI_ISL_1393012, EPI_ISL_1393013, EPI_ISL_1393014, EPI_ISL_1393015, EPI_ISL_1393016, EPI_ISL_1393017, EPI_ISL_1393018, EPI_ISL_1393019, EPI_ISL_1393020, EPI_ISL_1393021, EPI_ISL_1393022, EPI_ISL_1393023, EPI_ISL_1393024, EPI_ISL_1393025, EPI_ISL_1393026, EPI_ISL_1393027, EPI_ISL_1393028, EPI_ISL_1393029, EPI_ISL_1393030, EPI_ISL_1393032, EPI_ISL_1393033, EPI_ISL_1393034, EPI_ISL_1393035, EPI_ISL_1393036, EPI_ISL_1393037, EPI_ISL_1393038, EPI_ISL_1393039, EPI_ISL_1393040, EPI_ISL_1393041, EPI_ISL_1393042, EPI_ISL_1393043, EPI_ISL_1393044			
see above	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1397546	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_1397961	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_1397962	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_1398260	THE MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1399471, EPI_ISL_1399489, EPI_ISL_1399679, EPI_ISL_1399725	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400817, EPI_ISL_1400818, EPI_ISL_1400819, EPI_ISL_1400820, EPI_ISL_1400821, EPI_ISL_1400822, EPI_ISL_1400824, EPI_ISL_1400826, EPI_ISL_1400828, EPI_ISL_1400830, EPI_ISL_1400831, EPI_ISL_1400832, EPI_ISL_1400833, EPI_ISL_1400834, EPI_ISL_1400922, EPI_ISL_1400933, EPI_ISL_1400935, EPI_ISL_1400937, EPI_ISL_1400938, EPI_ISL_1400939			
see above	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_1402207, EPI_ISL_1402208, EPI_ISL_1402209, EPI_ISL_1402210	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_1402573, EPI_ISL_1402576	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	Hubert Niesters, Alexander Friedrich, Erley Lizarazo-Forero, Monika Flissikowska, Lilli Gard, Sigrid Rosema, Coretta Van Leer-Buter, Xuewei Zhou, Marjolein Knoester
EPI_ISL_1403783, EPI_ISL_1403809, EPI_ISL_1403827	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory	Rafia Razzaque, Eugene Yeboah, Vanda Makris, John Fontana and Shane Sevey
EPI_ISL_1404437, EPI_ISL_1404438, EPI_ISL_1404439, EPI_ISL_1404440, EPI_ISL_1404441, EPI_ISL_1404442, EPI_ISL_1404443, EPI_ISL_1404444, EPI_ISL_1404445	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_1404616	siParadigm LLC	siParadigm LLC	Kamfai Chan
EPI_ISL_1405671, EPI_ISL_1405672	UCSC Genomics Institute	UCSC Genomics Institute	Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-DeGig, Namrita Dhillon, Maximilian Haeussler, David Haussler, Angie Hinrichs, Miten Jain, Joshua Kapp, A. Marm Kilpatrick, Jakob McBroome, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1415066, EPI_ISL_1415068, EPI_ISL_1415070, EPI_ISL_1415072, EPI_ISL_1415073, EPI_ISL_1415074, EPI_ISL_1415075, EPI_ISL_1415078, EPI_ISL_1415079, EPI_ISL_1415080, EPI_ISL_1415082, EPI_ISL_1415084, EPI_ISL_1415085			
see above	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_1415167, EPI_ISL_1415170, EPI_ISL_1415171, EPI_ISL_1415183, EPI_ISL_1415184, EPI_ISL_1415191, EPI_ISL_1415196, EPI_ISL_1415197, EPI_ISL_1415201, EPI_ISL_1415202, EPI_ISL_1415205, EPI_ISL_1415209, EPI_ISL_1415212, EPI_ISL_1415215, EPI_ISL_1415221, EPI_ISL_1415222, EPI_ISL_1415223, EPI_ISL_1415226, EPI_ISL_1415232, EPI_ISL_1415237, EPI_ISL_1415251, EPI_ISL_1415252, EPI_ISL_1415260, EPI_ISL_1415279, EPI_ISL_1415294, EPI_ISL_1415295, EPI_ISL_1415296, EPI_ISL_1415299, EPI_ISL_1415300, EPI_ISL_1415310, EPI_ISL_1415326, EPI_ISL_1415328, EPI_ISL_1415329, EPI_ISL_1415334, EPI_ISL_1415336, EPI_ISL_1415339, EPI_ISL_1415342, EPI_ISL_1415343, EPI_ISL_1415344, EPI_ISL_1415345, EPI_ISL_1415346, EPI_ISL_1415360, EPI_ISL_1415379, EPI_ISL_1415388			
see above	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_1416247, EPI_ISL_1416250, EPI_ISL_1416251, EPI_ISL_1416253, EPI_ISL_1416254	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_1417615, EPI_ISL_1417828, EPI_ISL_1417829, EPI_ISL_1417830, EPI_ISL_1417831, EPI_ISL_1417832, EPI_ISL_1417833, EPI_ISL_1417834, EPI_ISL_1417835, EPI_ISL_1417836, EPI_ISL_1417837, EPI_ISL_1417838, EPI_ISL_1417839, EPI_ISL_1417840, EPI_ISL_1417841, EPI_ISL_1417842, EPI_ISL_1417843, EPI_ISL_1417844, EPI_ISL_1417845, EPI_ISL_1417846, EPI_ISL_1417847, EPI_ISL_1417848, EPI_ISL_1417849, EPI_ISL_1417850, EPI_ISL_1417851, EPI_ISL_1417852, EPI_ISL_1417853, EPI_ISL_1417854, EPI_ISL_1417855, EPI_ISL_1417856, EPI_ISL_1417857, EPI_ISL_1417858, EPI_ISL_1417859, EPI_ISL_1417860, EPI_ISL_1418017, EPI_ISL_1418018, EPI_ISL_1418019, EPI_ISL_1418020, EPI_ISL_1418021, EPI_ISL_1418022, EPI_ISL_1418023, EPI_ISL_1418024, EPI_ISL_1418025, EPI_ISL_1418026, EPI_ISL_1418151, EPI_ISL_1418616, EPI_ISL_1418617, EPI_ISL_1418636, EPI_ISL_1418734, EPI_ISL_1418735, EPI_ISL_1418736, EPI_ISL_1418737, EPI_ISL_1418738, EPI_ISL_1418760, EPI_ISL_1418772, EPI_ISL_1418934, EPI_ISL_1418935, EPI_ISL_1418936, EPI_ISL_1418937, EPI_ISL_1418938, EPI_ISL_1418939, EPI_ISL_1418940, EPI_ISL_1418941, EPI_ISL_1418942, EPI_ISL_1418943, EPI_ISL_1418944, EPI_ISL_1418945, EPI_ISL_1418946, EPI_ISL_1418947, EPI_ISL_1418948, EPI_ISL_1418949, EPI_ISL_1418950, EPI_ISL_1418951, EPI_ISL_1418952, EPI_ISL_1418953, EPI_ISL_1418954, EPI_ISL_1418955, EPI_ISL_1418956, EPI_ISL_1418957			
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_1419149, EPI_ISL_1419193,	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_1419194, EPI_ISL_1419195, EPI_ISL_1419519, EPI_ISL_1419520, EPI_ISL_1419521, EPI_ISL_1419671, EPI_ISL_1419746, EPI_ISL_1419747			
EPI_ISL_1420342, EPI_ISL_1420343, EPI_ISL_1420344, EPI_ISL_1420345, EPI_ISL_1420346, EPI_ISL_1420347, EPI_ISL_1420348, EPI_ISL_1420349, EPI_ISL_1420350, EPI_ISL_1420522, EPI_ISL_1420523, EPI_ISL_1420524, EPI_ISL_1420525, EPI_ISL_1420526, EPI_ISL_1420617, EPI_ISL_1420618, EPI_ISL_1420619	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_1423802, EPI_ISL_1423803, EPI_ISL_1423804, EPI_ISL_1423805, EPI_ISL_1423806, EPI_ISL_1423807, EPI_ISL_1423809, EPI_ISL_1423810, EPI_ISL_1423811, EPI_ISL_1423812, EPI_ISL_1423813, EPI_ISL_1423814, EPI_ISL_1423815	see above	Servicio de Microbiología. Hospital Ramón y Cajal. (CIBERESP)	SeqCOVID-SPAIN consortium/IBV(CSIC) Jose Mª González-Alba, L. Olavarrieta, Val Fernández, Juan C Galán and SeqCOVID-SPAIN consortium
EPI_ISL_1424398	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_1424497, EPI_ISL_1424498, EPI_ISL_1424499	COVID Outreach Wood River	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Tom Archie, Ryan Cole, Meei-Li Huang, Keith R. Jerome, Alexander Greninger
EPI_ISL_1424981, EPI_ISL_1424982	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425124, EPI_ISL_1425125, EPI_ISL_1425250, EPI_ISL_1425251, EPI_ISL_1425252, EPI_ISL_1425255, EPI_ISL_1425256, EPI_ISL_1425346, EPI_ISL_1425347, EPI_ISL_1425348, EPI_ISL_1425349, EPI_ISL_1425350, EPI_ISL_1425403, EPI_ISL_1425404, EPI_ISL_1425405, EPI_ISL_1425406, EPI_ISL_1425407, EPI_ISL_1425408, EPI_ISL_1425409, EPI_ISL_1425410, EPI_ISL_1425411, EPI_ISL_1425412, EPI_ISL_1425413, EPI_ISL_1425419, EPI_ISL_1425420, EPI_ISL_1425422, EPI_ISL_1425437, EPI_ISL_1425438			
see above	Department of Infectious Diseases, Kobe Institute of Health	Department of Infectious Diseases, Kobe Institute of Health	Ryohei Nomoto, Noriko Nakanishi, Tomotada Iwamoto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1426570, EPI_ISL_1426571	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, Hidemasa Izumiya, Hideyuki Takahashi, Masatomo Morita, Nobuo Koizumi, , Makoto Kuroda
EPI_ISL_1426579	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kousho Wakae, Hussein H. Aly, Kento Fukano, Takanobu Kato, Makoto Kuroda
EPI_ISL_1426582, EPI_ISL_1426583, EPI_ISL_1426584, EPI_ISL_1426586	Saitama Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kousho Wakae, Hussein H. Aly, Kento Fukano, Takanobu Kato, Makoto Kuroda
EPI_ISL_1426590	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, Hidemasa Izumiya, Hideyuki Takahashi, Masatomo Morita, Nobuo Koizumi, , Makoto Kuroda
EPI_ISL_1426605, EPI_ISL_1426606, EPI_ISL_1426607, EPI_ISL_1426608, EPI_ISL_1426609, EPI_ISL_1426610, EPI_ISL_1426611, EPI_ISL_1426612	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_1426648, EPI_ISL_1426649, EPI_ISL_1426993, EPI_ISL_1426994	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, Hidemasa Izumiya, Hideyuki Takahashi, Masatomo Morita, Nobuo Koizumi, , Makoto Kuroda
EPI_ISL_1427118, EPI_ISL_1427215, EPI_ISL_1427216, EPI_ISL_1427217	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_1427717	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_1427729, EPI_ISL_1427730, EPI_ISL_1427731, EPI_ISL_1427732	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_1427801	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Yasuyuki Morishima, Takanobu Kato, , Makoto Kuroda
EPI_ISL_1428003, EPI_ISL_1428004, EPI_ISL_1428145, EPI_ISL_1428160, EPI_ISL_1428161	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_1428252	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_1428275, EPI_ISL_1428286	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_1428291, EPI_ISL_1428292, EPI_ISL_1428293, EPI_ISL_1428294	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_1428588	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Minoru Nagi, Ken Miyazawa, Takashi Sakudoh, Nozomu Hanaoka, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1428629, EPI_ISL_1428630, EPI_ISL_1428658, EPI_ISL_1428659, EPI_ISL_1428660, EPI_ISL_1428661, EPI_ISL_1428686, EPI_ISL_1428692, EPI_ISL_1428749, EPI_ISL_1428754, EPI_ISL_1428756, EPI_ISL_1429014, EPI_ISL_1429265, EPI_ISL_1429268, EPI_ISL_1429269, EPI_ISL_1429270, EPI_ISL_1429281, EPI_ISL_1429282, EPI_ISL_1429283, EPI_ISL_1429302, EPI_ISL_1429350, EPI_ISL_1429351, EPI_ISL_1429352, EPI_ISL_1429353, EPI_ISL_1429354, EPI_ISL_1429355, EPI_ISL_1429356, EPI_ISL_1429357, EPI_ISL_1429358, EPI_ISL_1429359, EPI_ISL_1429360, EPI_ISL_1429361, EPI_ISL_1429362, EPI_ISL_1429599, EPI_ISL_1429600, EPI_ISL_1429637			
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_1429720	Niigata Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1429817, EPI_ISL_1429818, EPI_ISL_1429819, EPI_ISL_1429820, EPI_ISL_1429821, EPI_ISL_1429822, EPI_ISL_1430046, EPI_ISL_1430047, EPI_ISL_1430056, EPI_ISL_1430076, EPI_ISL_1430077, EPI_ISL_1430078, EPI_ISL_1430393, EPI_ISL_1430416, EPI_ISL_1430556			
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_1430586, EPI_ISL_1430587, EPI_ISL_1430588, EPI_ISL_1430589, EPI_ISL_1430590, EPI_ISL_1430591, EPI_ISL_1430592, EPI_ISL_1430593, EPI_ISL_1430635, EPI_ISL_1430636	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_1430670, EPI_ISL_1430671	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Eri Nakayama, Motohiko Ogawa, Takahiro Maeki, Shigeru Tanjima, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1430731, EPI_ISL_1430779, EPI_ISL_1430780, EPI_ISL_1430781, EPI_ISL_1430893, EPI_ISL_1430894, EPI_ISL_1430895, EPI_ISL_1430899, EPI_ISL_1430929, EPI_ISL_1430930, EPI_ISL_1430948, EPI_ISL_1430949, EPI_ISL_1430950, EPI_ISL_1430989, EPI_ISL_1431012, EPI_ISL_1431055, EPI_ISL_1431065, EPI_ISL_1431066, EPI_ISL_1431067, EPI_ISL_1431068, EPI_ISL_1431083, EPI_ISL_1431084, EPI_ISL_1431085			
see above	Pathogen Genomics Center, National Institute of Infectious	Pathogen Genomics Center, National Institute of Infectious	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda

Diseases	Diseases	Diseases
EPI_ISL_1431142, EPI_ISL_1431143, EPI_ISL_1431144, EPI_ISL_1431145, EPI_ISL_1431146, EPI_ISL_1431147, EPI_ISL_1431148	Saitama Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1431192, EPI_ISL_1431196, EPI_ISL_1431204, EPI_ISL_1431205, EPI_ISL_1431380, EPI_ISL_1431475, EPI_ISL_1431476, EPI_ISL_1431567, EPI_ISL_1431568, EPI_ISL_1431569, EPI_ISL_1431570, EPI_ISL_1431571, EPI_ISL_1431572, EPI_ISL_1431573, EPI_ISL_1431602, EPI_ISL_1431603	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1431652	Chiba Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1431774, EPI_ISL_1431775, EPI_ISL_1431785, EPI_ISL_1431794	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1431825, EPI_ISL_1431826	Chiba Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1431830, EPI_ISL_1431832, EPI_ISL_1431852, EPI_ISL_1431974, EPI_ISL_1431975, EPI_ISL_1431976, EPI_ISL_1431981	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1432034, EPI_ISL_1432035, EPI_ISL_1432037, EPI_ISL_1432039	Chiba Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1432096, EPI_ISL_1432368, EPI_ISL_1432728	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases
EPI_ISL_1434457, EPI_ISL_1434732, EPI_ISL_1434734, EPI_ISL_1434753	Ibaraki Prefectural Institute of Public Health	Ibaraki Prefectural Institute of Public Health
EPI_ISL_1439696, EPI_ISL_1439697, EPI_ISL_1439698, EPI_ISL_1439699, EPI_ISL_1439701, EPI_ISL_1439702, EPI_ISL_1439704, EPI_ISL_1439705, EPI_ISL_1439706	Corona-Testzentrum ifp Institut für Produktqualität GmbH	Robert Koch Institute
EPI_ISL_1442957, EPI_ISL_1442978, EPI_ISL_1442979, EPI_ISL_1442980, EPI_ISL_1442981	Gunma Prefectural Institute of Public Health and Environmental Sciences	Gunma Prefectural Institute of Public Health and Environmental Sciences
EPI_ISL_1443338, EPI_ISL_1443343	VIROLOGY LABORATORY-CHU NICE	VIROLOGY LABORATORY-CHU NICE
EPI_ISL_1444782, EPI_ISL_1444784, EPI_ISL_1444786, EPI_ISL_1444787	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_1444933, EPI_ISL_1444934, EPI_ISL_1444935, EPI_ISL_1444936, EPI_ISL_1444951, EPI_ISL_1444974, EPI_ISL_1444975, EPI_ISL_1444976	Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core
EPI_ISL_1446379, EPI_ISL_1446381, EPI_ISL_1446382, EPI_ISL_1446384, EPI_ISL_1446399, EPI_ISL_1446400, EPI_ISL_1446402	Texas Children's Hospital	Texas Children's Microbiome Center
EPI_ISL_1446456, EPI_ISL_1446465	"AR Dept. of Health-PHL, Molecular Diagnostics"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery
EPI_ISL_1447048	DC Public Health Lab/ Dept. of Forensic Sciences	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery
EPI_ISL_1447310, EPI_ISL_1447311	National Public Health Center, COVID Laboratory	National Public Health Center, National Biosafety Laboratory
EPI_ISL_1448036, EPI_ISL_1448038, EPI_ISL_1448040, EPI_ISL_1448042	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_1448418	Sapporo City Institute of Public Health	Sapporo City Institute of Public Health
EPI_ISL_1457030, EPI_ISL_1457690, EPI_ISL_1457691	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)
EPI_ISL_1465213, EPI_ISL_1465215, EPI_ISL_1465225	Laboratorio Central de Saude Publica do Estado do Maranhao (LACEN-MA)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ
EPI_ISL_1465617	GLENS FALLS HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health
EPI_ISL_1467594, EPI_ISL_1467596, EPI_ISL_1467623, EPI_ISL_1467694, EPI_ISL_1467702, EPI_ISL_1467703, EPI_ISL_1467731, EPI_ISL_1467774, EPI_ISL_1467777	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1468430	Centro de Saude Il Matao	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory
EPI_ISL_1468444	Secretaria Municipal de Saude de Birigui	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory
EPI_ISL_1468459	Secretaria Municipal de Saude de Valparaiso SP	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory
EPI_ISL_1468876, EPI_ISL_1468980,	San Diego County Public Health Laboratory	Andersen lab at Scripps Research
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		Keiko Goto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		unknown
		Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda, Hiroyuki Tsukagoshi, Daisuke Shinoda, Mariko Saito
		Sebastien Vitale, Geraldine Gonfrier, Valerie Giordanengo
		Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
		Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
		Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
		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
		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
		Bernadett Pályi, Zoltán Kis, Nóra Magyar, Judit Henczkó, Dániel Déri, Norbert Solymosi
		Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
		Asami Ohnishi, Rie Shimazaki, Yusuke Oguchi, Masayuki Kikuchi, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
		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
		Paola Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Paixao, Ana Carolina Mendonca, Alice Sampaio Rocha, Renata Serrano Lopes, Lido Gonçalves Lima Neto, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
		Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
		Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
		SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin

EPI_ISL_1469013, EPI_ISL_1469016, EPI_ISL_1469020			
EPI_ISL_1469246, EPI_ISL_1469271	Dinas Kesehatan Kabupaten Ponorogo	National Institute of Health Research and Development	Arie Ardiansyah Nugraha, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Hartanti Dian Ikawati, Nelly Puspandari, Krisna Pangesti, Vivi Setiawaty
EPI_ISL_1472220, EPI_ISL_1472221, EPI_ISL_1472222	Fukuoka Institute of Health and Environmental Sciences	Fukuoka Institute of Health and Environmental Sciences	Hiroaki Shigemura, Yoshiki Etoh, Asako Nakamura, Akira Ohishi, Takayuki Kobayashi, Saori Ueda, Chiharu Katamune, Mitsuhiro Hamasaki, Yuki Ashizuka, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1475169	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_1477070, EPI_ISL_1477072	Centre Hospitalier du Nord	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Fatiha Boulmerka, Tamir Abdelrahman
EPI_ISL_1477167, EPI_ISL_1477168, EPI_ISL_1477177, EPI_ISL_1477179, EPI_ISL_1477181, EPI_ISL_1477184, EPI_ISL_1477185, EPI_ISL_1477186, EPI_ISL_1477190, EPI_ISL_1477194, EPI_ISL_1477196, EPI_ISL_1477200, EPI_ISL_1477201, EPI_ISL_1477202, EPI_ISL_1477203, EPI_ISL_1477204, EPI_ISL_1477210, EPI_ISL_1477214, EPI_ISL_1477215, EPI_ISL_1477217, EPI_ISL_1477221, EPI_ISL_1477223			
see above	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477224	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477225, EPI_ISL_1477229, EPI_ISL_1477231, EPI_ISL_1477232, EPI_ISL_1477233, EPI_ISL_1477235	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477236	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477237, EPI_ISL_1477238, EPI_ISL_1477240, EPI_ISL_1477241, EPI_ISL_1477246, EPI_ISL_1477248, EPI_ISL_1477250, EPI_ISL_1477254, EPI_ISL_1477256, EPI_ISL_1477258	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477264	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477266, EPI_ISL_1477274, EPI_ISL_1477275, EPI_ISL_1477278, EPI_ISL_1477281, EPI_ISL_1477283, EPI_ISL_1477289, EPI_ISL_1477291	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477294	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477297, EPI_ISL_1477300, EPI_ISL_1477302, EPI_ISL_1477310, EPI_ISL_1477314, EPI_ISL_1477315, EPI_ISL_1477316, EPI_ISL_1477317, EPI_ISL_1477319, EPI_ISL_1477321, EPI_ISL_1477324, EPI_ISL_1477327, EPI_ISL_1477330, EPI_ISL_1477331, EPI_ISL_1477333, EPI_ISL_1477336, EPI_ISL_1477338, EPI_ISL_1477342, EPI_ISL_1477345, EPI_ISL_1477347, EPI_ISL_1477349, EPI_ISL_1477350, EPI_ISL_1477351, EPI_ISL_1477353, EPI_ISL_1477358, EPI_ISL_1477360, EPI_ISL_1477361, EPI_ISL_1477362, EPI_ISL_1477363, EPI_ISL_1477366, EPI_ISL_1477369, EPI_ISL_1477372, EPI_ISL_1477374, EPI_ISL_1477378, EPI_ISL_1477383, EPI_ISL_1477386, EPI_ISL_1477387, EPI_ISL_1477391, EPI_ISL_1477392, EPI_ISL_1477393, EPI_ISL_1477395			
see above	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477396	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477398, EPI_ISL_1477400, EPI_ISL_1477402, EPI_ISL_1477404, EPI_ISL_1477407	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477412	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477416, EPI_ISL_1477418, EPI_ISL_1477420, EPI_ISL_1477421, EPI_ISL_1477423, EPI_ISL_1477424, EPI_ISL_1477427, EPI_ISL_1477428, EPI_ISL_1477429, EPI_ISL_1477434, EPI_ISL_1477440, EPI_ISL_1477448, EPI_ISL_1477450, EPI_ISL_1477451, EPI_ISL_1477456, EPI_ISL_1477464, EPI_ISL_1477467, EPI_ISL_1477469, EPI_ISL_1477470, EPI_ISL_1477472, EPI_ISL_1477474, EPI_ISL_1477480, EPI_ISL_1477485, EPI_ISL_1477490, EPI_ISL_1477492, EPI_ISL_1477505, EPI_ISL_1477512, EPI_ISL_1477513, EPI_ISL_1477516, EPI_ISL_1477522, EPI_ISL_1477523, EPI_ISL_1477524, EPI_ISL_1477527, EPI_ISL_1477528, EPI_ISL_1477538, EPI_ISL_1477542, EPI_ISL_1477549, EPI_ISL_1477556, EPI_ISL_1477559, EPI_ISL_1477560, EPI_ISL_1477563, EPI_ISL_1477567, EPI_ISL_1477568, EPI_ISL_1477573, EPI_ISL_1477576, EPI_ISL_1477579, EPI_ISL_1477580, EPI_ISL_1477585, EPI_ISL_1477591, EPI_ISL_1477592, EPI_ISL_1477596, EPI_ISL_1477599, EPI_ISL_1477608, EPI_ISL_1477616, EPI_ISL_1477628, EPI_ISL_1477629, EPI_ISL_1477633, EPI_ISL_1477636, EPI_ISL_1477638, EPI_ISL_1477642, EPI_ISL_1477643, EPI_ISL_1477648, EPI_ISL_1477651, EPI_ISL_1477652, EPI_ISL_1477653, EPI_ISL_1477654, EPI_ISL_1477662			
see above	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1477781, EPI_ISL_1477802, EPI_ISL_1478091	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1483590	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Elva House, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1489544, EPI_ISL_1489648	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_1490689, EPI_ISL_1490707	Unity Health Toronto	Ontario Institute for Cancer Research	Ramzi Fattouh, Larissa M. Matukas, Yan Chen, Mark Downing, Trina Otterman, Karel Boissinot, Le Luu, Samira Mubareka, TIBDN, Ilinca Lungu, Bernard Lam, Jeremy Johns, Paul Krzyzanowski, Richard de Borja, Felicia Vincelli, Philip Zuzarte, Jared T. Simpson
EPI_ISL_1492081, EPI_ISL_1492082, EPI_ISL_1492084	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1492583, EPI_ISL_1492584, EPI_ISL_1492585	Orebro University Hospital	Orebro University Hospital	Sundqvist M et al
EPI_ISL_1493591	Centro de Saude II Dr Alcides Faundo Arroyo	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_1494736, EPI_ISL_1494737, EPI_ISL_1494738	City of Milwaukee Health Department Laboratory	City of Milwaukee Health Department Laboratory	Sanjib Bhattacharyya
EPI_ISL_1494793, EPI_ISL_1494798, EPI_ISL_1494809, EPI_ISL_1494811	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_1495172, EPI_ISL_1495174	Klinikum Wels-Grieskirchen	Bergthaler 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, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1495187, EPI_ISL_1495188, EPI_ISL_1495189, EPI_ISL_1495190, EPI_ISL_1495191, EPI_ISL_1495193, EPI_ISL_1495194, EPI_ISL_1495195, EPI_ISL_1495196, EPI_ISL_1495197, EPI_ISL_1495198, EPI_ISL_1495199, EPI_ISL_1495224, EPI_ISL_1495225, EPI_ISL_1495226, EPI_ISL_1495227, EPI_ISL_1495228, EPI_ISL_1495229, EPI_ISL_1495230, EPI_ISL_1495234, EPI_ISL_1495235, EPI_ISL_1495236, EPI_ISL_1495237, EPI_ISL_1495238, EPI_ISL_1495239, EPI_ISL_1495254, EPI_ISL_1495255, EPI_ISL_1495256, EPI_ISL_1495257, EPI_ISL_1495258, EPI_ISL_1495259, EPI_ISL_1495260, EPI_ISL_1495261			
see above	Public Health Authority of the Slovak Republic	Bergthaler 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, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1495719, EPI_ISL_1495727, EPI_ISL_1495746, EPI_ISL_1495747, EPI_ISL_1495748	Elling group, Institute of Molecular Biotechnology (IMBA)	Bergthaler 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, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1496740, EPI_ISL_1496741, EPI_ISL_1496745, EPI_ISL_1496746, EPI_ISL_1496747, EPI_ISL_1496748, EPI_ISL_1496749, EPI_ISL_1496750, EPI_ISL_1496751, EPI_ISL_1496752, EPI_ISL_1496753, EPI_ISL_1496754, EPI_ISL_1496755, EPI_ISL_1496756, EPI_ISL_1496757, EPI_ISL_1496758, EPI_ISL_1496759, EPI_ISL_1496760, EPI_ISL_1496761, EPI_ISL_1496762, EPI_ISL_1496763, EPI_ISL_1496764, EPI_ISL_1496765, EPI_ISL_1496766, EPI_ISL_1496767, EPI_ISL_1496768, EPI_ISL_1496769, EPI_ISL_1496770, EPI_ISL_1496771, EPI_ISL_1496772, EPI_ISL_1496773, EPI_ISL_1496774, EPI_ISL_1496775, EPI_ISL_1496903,			

EPI_ISL_1497175, EPI_ISL_1497176, EPI_ISL_1497177, EPI_ISL_1497178, EPI_ISL_1497179, EPI_ISL_1497180, EPI_ISL_1497181, EPI_ISL_1497182, EPI_ISL_1497183, EPI_ISL_1497184, EPI_ISL_1497185, EPI_ISL_1497186, EPI_ISL_1497187, EPI_ISL_1497188, EPI_ISL_1497189, EPI_ISL_1497190, EPI_ISL_1497191, EPI_ISL_1497192, EPI_ISL_1497193, EPI_ISL_1497194, EPI_ISL_1497195, EPI_ISL_1497196, EPI_ISL_1497197, EPI_ISL_1497198, EPI_ISL_1497199, EPI_ISL_1497200, EPI_ISL_1497201, EPI_ISL_1497202, EPI_ISL_1497203, EPI_ISL_1497204, EPI_ISL_1497205, EPI_ISL_1497206, EPI_ISL_1497207, EPI_ISL_1497208, EPI_ISL_1497209, EPI_ISL_1497210, EPI_ISL_1497211, EPI_ISL_1497212, EPI_ISL_1497213, EPI_ISL_1497214, EPI_ISL_1497215, EPI_ISL_1497216, EPI_ISL_1497217, EPI_ISL_1497218, EPI_ISL_1497219, EPI_ISL_1497220, EPI_ISL_1497221, EPI_ISL_1497222, EPI_ISL_1497223, EPI_ISL_1497224, EPI_ISL_1497225, EPI_ISL_1497226, EPI_ISL_1497227, EPI_ISL_1497228, EPI_ISL_1497229, EPI_ISL_1497230, EPI_ISL_1497231, EPI_ISL_1497232, EPI_ISL_1497233, EPI_ISL_1497234, EPI_ISL_1497235, EPI_ISL_1497236, EPI_ISL_1497237, EPI_ISL_1497238, EPI_ISL_1497239, EPI_ISL_1497240, EPI_ISL_1497241, EPI_ISL_1497242, EPI_ISL_1497243, EPI_ISL_1497244, EPI_ISL_1497245, EPI_ISL_1497246, EPI_ISL_1497247, EPI_ISL_1497248, EPI_ISL_1497249, EPI_ISL_1497250, EPI_ISL_1497251, EPI_ISL_1497252, EPI_ISL_1497253, EPI_ISL_1497254, EPI_ISL_1497255, EPI_ISL_1497256, EPI_ISL_1497257, EPI_ISL_1497258, EPI_ISL_1497259, EPI_ISL_1497260, EPI_ISL_1497261, EPI_ISL_1497262, EPI_ISL_1497263, EPI_ISL_1497264, EPI_ISL_1497265, EPI_ISL_1497266, EPI_ISL_1497267, EPI_ISL_1497268, EPI_ISL_1497269, EPI_ISL_1497270	see above	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 Elonen, Olli Vapalahti
EPI_ISL_1498447, EPI_ISL_1498448, EPI_ISL_1498454, EPI_ISL_1498455, EPI_ISL_1498456, EPI_ISL_1498457, EPI_ISL_1498458, EPI_ISL_1498460, EPI_ISL_1498461, EPI_ISL_1498462, EPI_ISL_1498464, EPI_ISL_1498465, EPI_ISL_1498466, EPI_ISL_1498467, EPI_ISL_1498468, EPI_ISL_1498469, EPI_ISL_1498470, EPI_ISL_1498471, EPI_ISL_1498472, EPI_ISL_1498474, EPI_ISL_1498475, EPI_ISL_1498476, EPI_ISL_1498477, EPI_ISL_1498478, EPI_ISL_1498479, EPI_ISL_1498481, EPI_ISL_1498482, EPI_ISL_1498483, EPI_ISL_1498485, EPI_ISL_1498487, EPI_ISL_1498488, EPI_ISL_1498489, EPI_ISL_1498490, EPI_ISL_1498491, EPI_ISL_1498492, EPI_ISL_1498493, EPI_ISL_1498494, EPI_ISL_1498496, EPI_ISL_1498497, EPI_ISL_1498498, EPI_ISL_1498499, EPI_ISL_1498500, EPI_ISL_1498502, EPI_ISL_1498503, EPI_ISL_1498504, EPI_ISL_1498505, EPI_ISL_1498506, EPI_ISL_1498507, EPI_ISL_1498508, EPI_ISL_1498509, EPI_ISL_1498510, EPI_ISL_1498511, EPI_ISL_1498512, EPI_ISL_1498514, EPI_ISL_1498515, EPI_ISL_1498518, EPI_ISL_1498519, EPI_ISL_1498520, EPI_ISL_1498521, EPI_ISL_1498524, EPI_ISL_1498525, EPI_ISL_1498526, EPI_ISL_1498527, EPI_ISL_1498528, EPI_ISL_1498530, EPI_ISL_1498531, EPI_ISL_1498533, EPI_ISL_1498534, EPI_ISL_1498538, EPI_ISL_1498539, EPI_ISL_1498574, EPI_ISL_1498577, EPI_ISL_1498579	see above	BioneXt Lab	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Thibault Ferrandon, Tamir Abdelrahman
EPI_ISL_1500297, EPI_ISL_1500339, EPI_ISL_1500340		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_1500666		Lafene Health Center	Kansas State Veterinary Diagnostic Laboratory	Tyler Doerksen, Andreea Lu, Lance Noll, Elizabeth Porter, Kasey Hogan, Emily Cox, Jianfa Bai, Jamie Henningson, Rachel Palinski
EPI_ISL_1501048		HEGP - Laboratoire de Virologie	HEGP - Laboratoire de Virologie	David Veyer
EPI_ISL_1501978, EPI_ISL_1501981, EPI_ISL_1502004		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_1502113		Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorrairain A, Gomez M, Cilla G.
EPI_ISL_1502567		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1503507		Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1503959		Emory Molecular Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_1508894		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1508896		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1508897		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1508916		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1508941		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1508944		Laboratoire Biolim/FSS/UL	Unité Mixte Internationale TransVIHMI (UMI 233 IRD - U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Mounerou SALOU, Christelle BUTEL, Wembo A. HALATOKO, Amivi EHLAN, Abia A. KONOU, Issaka Maman, Syntiche DEVATCHAGNI, Adodo SADJI, Kokou TEGUENI, Koku AGBODEKA, Sidonie A.M.KAGNISSODE, Akoélé SILIADIN, Alassane OURO-MEDEL, Messanh DOUFFAN, Déléma MABA, Sika DOSSIM, Améyo DORKENOO, Mireille PRINCE-DAVID, Anoumou DAGNRA, Laetitia SERRANO, Ahidjo AYOUBA, Eric DELAPORTE, Martine PEETERS
EPI_ISL_1509048, EPI_ISL_1509085, EPI_ISL_1509093, EPI_ISL_1509094		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_1509648		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_1509962		HOSPITAL LOS ARCOS	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. CAMARA SIMON, MARGARITA
EPI_ISL_1510006		XERENCIA DE XESTIÓN INTEGRADA DE PONTEVEDRA E O SALNÉS	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonis, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. TRIGO DAPORTA, MATILDE
EPI_ISL_1510007		HOSPITAL UNIV. MIGUEL SERVET	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. MILAGRO BEAMONTE, ANA MARIA
EPI_ISL_1510012		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_1510040		HOSPITAL VIRGEN DE ALTAGRACIA	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. SANCHEZ MAROTO LOZANO, ANA
EPI_ISL_1510356, EPI_ISL_1510357, EPI_ISL_1510358, EPI_ISL_1510359, EPI_ISL_1510360, EPI_ISL_1510369, EPI_ISL_1510370, EPI_ISL_1510371, EPI_ISL_1510374, EPI_ISL_1510375, EPI_ISL_1510376, EPI_ISL_1510380				
see above		National Institute of Public Health	State Veterinary Institute Prague	Nagy, A.; Irincova, H.; Suri, T.; Tmka, D.; Vecerova, J
EPI_ISL_1511224		CENTRO MILITAR DE VETERINARIA	Instituto de Salud Carlos III	Sandonis, V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. FERNANDEZ MOREIRA, DANIEL
EPI_ISL_1511563		Hospital of the University of Pennsylvania Molecular Pathology Lab	Bushman Lab - University of Pennsylvania	John Everett, Kyle Rodino, Shantan Reddy, Pascha Hokama, Aofe 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_1522213, EPI_ISL_1522223, EPI_ISL_1522224		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 Kulling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1524392		ULSS 6 Euganea	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salvato, Elisa Palumbo, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1524450		ULSS 8 Berica	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salvato, Elisa Palumbo, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1524455		Microbiologia e Virologia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salvato, Elisa Palumbo, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci

EPI_ISL_1528339, EPI_ISL_1528342, EPI_ISL_1528343, EPI_ISL_1528344, EPI_ISL_1528345, EPI_ISL_1528347, EPI_ISL_1528350, EPI_ISL_1528351, EPI_ISL_1528352, EPI_ISL_1528353, EPI_ISL_1528354, EPI_ISL_1528356, EPI_ISL_1528357, EPI_ISL_1528358, EPI_ISL_1528359, EPI_ISL_1528360, EPI_ISL_1528361, EPI_ISL_1528362	see above	"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 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_1533742, EPI_ISL_1533743, EPI_ISL_1533744, EPI_ISL_1533745, EPI_ISL_1533746, EPI_ISL_1533747, EPI_ISL_1533748, EPI_ISL_1533750, EPI_ISL_1533752, EPI_ISL_1533753, EPI_ISL_1533754, EPI_ISL_1533755, EPI_ISL_1533756, EPI_ISL_1533758	see above	National Centre For Cell Science	National Centre For Cell Science - INSACOG	Dhiraj Paul, Sonal Manik Chavan, Mohak P Gujare, Shivang P. Bhanushali, Mitali Inamdar, Manoj Kumar Bhat, Ajay Pillai, INSACOG Consortium team, Yogesh Shouche
EPI_ISL_1534310	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, Carolyn Williamson
EPI_ISL_1534372	Uniondale Hospital wc UDH		NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Emmanuel S.J, Tegally H, de Oliveira T, Carolyn Williamson
EPI_ISL_1534707	National Institute 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_1541597, EPI_ISL_1541606, EPI_ISL_1541610, EPI_ISL_1541613, EPI_ISL_1541614, EPI_ISL_1541616, EPI_ISL_1541617, EPI_ISL_1541618, EPI_ISL_1541621, EPI_ISL_1541626, EPI_ISL_1541675, EPI_ISL_1541676	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_1546069	Liverpool Clinical Laboratories		COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1547388, EPI_ISL_1547389, EPI_ISL_1547391	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, Francesca Rizzo, Alessandro Weisz, 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 Sempri, Silvia Zanolì, 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_949900	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_950723, EPI_ISL_950724, EPI_ISL_950725, EPI_ISL_950727, EPI_ISL_950728	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 Tsoieridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_952966, EPI_ISL_952971, EPI_ISL_952973, EPI_ISL_952981, EPI_ISL_952992, EPI_ISL_952996, EPI_ISL_953011, EPI_ISL_953023	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_953377, EPI_ISL_953378, EPI_ISL_953379, EPI_ISL_953380, EPI_ISL_953381, EPI_ISL_953382, EPI_ISL_953384	Jessa		Jessa	Jessa_cmdLab
EPI_ISL_953385, EPI_ISL_953386, EPI_ISL_953388, EPI_ISL_953390, EPI_ISL_953394	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_960176, EPI_ISL_960177, EPI_ISL_960178, EPI_ISL_960179, EPI_ISL_960180, EPI_ISL_960181, EPI_ISL_960182, EPI_ISL_960185, EPI_ISL_960187	Jessa		Jessa	Jessa_cmdLab
EPI_ISL_960891, EPI_ISL_960892, EPI_ISL_960894, EPI_ISL_960895, EPI_ISL_960896, EPI_ISL_960897, EPI_ISL_960898	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg		Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_960900, EPI_ISL_960901	Institute of Medical Microbiology and Hospital Hygiene		Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_960935, EPI_ISL_960936, EPI_ISL_960937, EPI_ISL_960938, EPI_ISL_960939, EPI_ISL_960940	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg		Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_961181, EPI_ISL_961182, EPI_ISL_961183, EPI_ISL_961184, EPI_ISL_961185, EPI_ISL_961186, EPI_ISL_961187, EPI_ISL_961188, EPI_ISL_961189, EPI_ISL_961190, EPI_ISL_961191, EPI_ISL_961192, EPI_ISL_961193, EPI_ISL_961194, EPI_ISL_961195, EPI_ISL_961196, EPI_ISL_961197, EPI_ISL_961198, EPI_ISL_961199, EPI_ISL_961200, EPI_ISL_961201, EPI_ISL_961202, EPI_ISL_961203	see above	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_961710, EPI_ISL_961711	SIESP CHIETI - DRIVE IN CHIETI		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_961712, EPI_ISL_961713	SIESP CHIETI DRIVE IN LANCIANO		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_961714	SIESP CHIETI - DRIVE IN CHIETI		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

[illegible]

EPI_ISL_965260	SIESP CHIETI-DRIVE IN GISSI	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_965261	SIESP CHIETI	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_965262	SIESP CHIETI, DISTRETTO SAN CHIETI	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_965263	SIESP CHIETI-DRIVE IN ORTONA	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_965265	SIESP CHIETI - DRIVE IN CHIETI	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_965267	SIESP CHIETI, DISTRETTON SAN CHIETI	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_965268, EPI_ISL_965269	SIESP CHIETI, DISTRETTO SAN CHIETI	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_965270	SIESP CHIETI	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_965271	SIESP CHIETI, DISTRETTO SAN CHIETI	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_965272	SIESP CHIETI	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_965273, EPI_ISL_965274, EPI_ISL_965275	SIESP CHIETI, DISTRETTO SAN CHIETI	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_965280, EPI_ISL_965281, EPI_ISL_965282, EPI_ISL_965283, EPI_ISL_965284, EPI_ISL_965285, EPI_ISL_965286, EPI_ISL_965287, EPI_ISL_965288, EPI_ISL_965289, EPI_ISL_965290, EPI_ISL_965291, EPI_ISL_965292, EPI_ISL_965293, EPI_ISL_965294, EPI_ISL_965295, EPI_ISL_965296, EPI_ISL_965297, EPI_ISL_965298, EPI_ISL_965299, EPI_ISL_965300	see above	P.O.CARDARELLI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, 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_966346, EPI_ISL_966347, EPI_ISL_966348, EPI_ISL_966349, EPI_ISL_966350, EPI_ISL_966351, EPI_ISL_966352, EPI_ISL_966353, EPI_ISL_966354	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam	
EPI_ISL_966809, EPI_ISL_966810, EPI_ISL_966811, EPI_ISL_966812, EPI_ISL_966813, EPI_ISL_966814, EPI_ISL_966815, EPI_ISL_966816, EPI_ISL_966817, EPI_ISL_966820, EPI_ISL_966821, EPI_ISL_966823, EPI_ISL_966824, EPI_ISL_966825, EPI_ISL_966826, EPI_ISL_966827, EPI_ISL_966828, EPI_ISL_966829, EPI_ISL_966830, EPI_ISL_966831, EPI_ISL_966832, EPI_ISL_966833, EPI_ISL_966834, EPI_ISL_966835	see above	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_967882, EPI_ISL_967883	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell	
EPI_ISL_969131	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti,	
EPI_ISL_969227	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti	
EPI_ISL_969297	Laboratorio Microbiologia e Virologia, P.O. Cotugno, A.O. dei Colli	Laboratorio Microbiologia e Virologia, P.O. Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti	
EPI_ISL_969884	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi,Claudia Tiberio, Anna Perfetti	
EPI_ISL_970647	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio,Anna Perfetti	
EPI_ISL_974745	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti,	
EPI_ISL_977495, EPI_ISL_977496, EPI_ISL_977498	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.	
EPI_ISL_977568, EPI_ISL_977571, EPI_ISL_977572	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano	
EPI_ISL_977598	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti	
EPI_ISL_977601, EPI_ISL_977603	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti,	
EPI_ISL_977605, EPI_ISL_977606, EPI_ISL_977607	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Marcello A, D'Agaro P, De Rosa R	
EPI_ISL_977622, EPI_ISL_977623, EPI_ISL_977626, EPI_ISL_977627, EPI_ISL_977630, EPI_ISL_977631, EPI_ISL_977632, EPI_ISL_977635, EPI_ISL_977636	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Marcello A, Segat L, Piscianz E, D'Agaro P	
EPI_ISL_977643, EPI_ISL_977644, EPI_ISL_977645, EPI_ISL_977646, EPI_ISL_977647, EPI_ISL_977649	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Marcello A, D'Agaro P, Lombardo F	
EPI_ISL_977651	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti,	
EPI_ISL_979360, EPI_ISL_979361	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.	

EPI_ISL_979362, EPI_ISL_979363, EPI_ISL_979364	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_979968, EPI_ISL_979969	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_980235, EPI_ISL_980236, EPI_ISL_980237, EPI_ISL_980238, EPI_ISL_980239, EPI_ISL_980240, EPI_ISL_980242, EPI_ISL_980243, EPI_ISL_980245, EPI_ISL_980246, EPI_ISL_980249, EPI_ISL_980251, EPI_ISL_980253, EPI_ISL_980254, EPI_ISL_980255, EPI_ISL_980256, EPI_ISL_980257, EPI_ISL_980259, EPI_ISL_980260, EPI_ISL_980261, EPI_ISL_980262, EPI_ISL_980264, EPI_ISL_980265, EPI_ISL_980266, EPI_ISL_980267, EPI_ISL_980269, EPI_ISL_980270, EPI_ISL_980271, EPI_ISL_980272, EPI_ISL_980273, EPI_ISL_980274, EPI_ISL_980275, EPI_ISL_980276, EPI_ISL_980277, EPI_ISL_980279, EPI_ISL_980281, EPI_ISL_980282, EPI_ISL_980283, EPI_ISL_980284, EPI_ISL_980285, EPI_ISL_980286, EPI_ISL_980287, EPI_ISL_980288, EPI_ISL_980289, EPI_ISL_980290, EPI_ISL_980291, EPI_ISL_980292, EPI_ISL_980293, EPI_ISL_980297, EPI_ISL_980298, EPI_ISL_980299, EPI_ISL_980300, EPI_ISL_980301, EPI_ISL_980302, EPI_ISL_980303, EPI_ISL_980306, EPI_ISL_980307, EPI_ISL_980308, EPI_ISL_980309, EPI_ISL_980310, EPI_ISL_980311, EPI_ISL_980312, EPI_ISL_980313, EPI_ISL_980314, EPI_ISL_980315, EPI_ISL_980316, EPI_ISL_980317, EPI_ISL_980318, EPI_ISL_980319, EPI_ISL_980320, EPI_ISL_980321, EPI_ISL_980322, EPI_ISL_980323, EPI_ISL_980324, EPI_ISL_980326, EPI_ISL_980327, EPI_ISL_980328, EPI_ISL_980329, EPI_ISL_980330, EPI_ISL_980331, EPI_ISL_980332, EPI_ISL_980334, EPI_ISL_980336, EPI_ISL_980337, EPI_ISL_980339, EPI_ISL_980342, EPI_ISL_980344, EPI_ISL_980345, EPI_ISL_980346, EPI_ISL_980347, EPI_ISL_980348, EPI_ISL_980349, EPI_ISL_980350, EPI_ISL_980351, EPI_ISL_980352, EPI_ISL_980353, EPI_ISL_980354, EPI_ISL_980355, EPI_ISL_980357, EPI_ISL_980358, EPI_ISL_980359, EPI_ISL_980360, EPI_ISL_980361, EPI_ISL_980363, EPI_ISL_980365, EPI_ISL_980366, EPI_ISL_980367, EPI_ISL_980368, EPI_ISL_980369, EPI_ISL_980371, EPI_ISL_980372, EPI_ISL_980373, EPI_ISL_980376, EPI_ISL_980379, EPI_ISL_980382, EPI_ISL_980385, EPI_ISL_980386, EPI_ISL_980387, EPI_ISL_980388, EPI_ISL_980389, EPI_ISL_980391, EPI_ISL_980392, EPI_ISL_980393, EPI_ISL_980394, EPI_ISL_980395, EPI_ISL_980396, EPI_ISL_980399, EPI_ISL_980400, EPI_ISL_980401, EPI_ISL_980402, EPI_ISL_980403, EPI_ISL_980404, EPI_ISL_980405, EPI_ISL_980408, EPI_ISL_980411, EPI_ISL_980413, EPI_ISL_980414, EPI_ISL_980415, EPI_ISL_980417, EPI_ISL_980418, EPI_ISL_980420, EPI_ISL_980421, EPI_ISL_980422, EPI_ISL_980423, EPI_ISL_980424, EPI_ISL_980425, EPI_ISL_980426, EPI_ISL_980429, EPI_ISL_980431, EPI_ISL_980432, EPI_ISL_980434, EPI_ISL_980436, EPI_ISL_980437, EPI_ISL_980438, EPI_ISL_980439, EPI_ISL_980441, EPI_ISL_980443, EPI_ISL_980444, EPI_ISL_980445, EPI_ISL_980446, EPI_ISL_980447, EPI_ISL_980448, EPI_ISL_980450, EPI_ISL_980451, EPI_ISL_980452, EPI_ISL_980453, EPI_ISL_980454, EPI_ISL_980455, EPI_ISL_980456, EPI_ISL_980457, EPI_ISL_980458, EPI_ISL_980459, EPI_ISL_980460, EPI_ISL_980461, EPI_ISL_980462, EPI_ISL_980463, EPI_ISL_980464, EPI_ISL_980465, EPI_ISL_980466, EPI_ISL_980467, EPI_ISL_980468, EPI_ISL_980469, EPI_ISL_980470, EPI_ISL_980471, EPI_ISL_980472, EPI_ISL_980474, EPI_ISL_980475, EPI_ISL_980477, EPI_ISL_980479, EPI_ISL_980480, EPI_ISL_980481, EPI_ISL_980483, EPI_ISL_980484, EPI_ISL_980485, EPI_ISL_980486, EPI_ISL_980487, EPI_ISL_980488, EPI_ISL_980489, EPI_ISL_980490, EPI_ISL_980491, EPI_ISL_980492, EPI_ISL_980493, EPI_ISL_980494, EPI_ISL_980495, EPI_ISL_980496, EPI_ISL_980498, EPI_ISL_980499, EPI_ISL_980501, EPI_ISL_980502, EPI_ISL_980503, EPI_ISL_980504, EPI_ISL_980505, EPI_ISL_980506, EPI_ISL_980507, EPI_ISL_980508, EPI_ISL_980509, EPI_ISL_980510, EPI_ISL_980511, EPI_ISL_980513, EPI_ISL_980515, EPI_ISL_980516, EPI_ISL_980517, EPI_ISL_980521, EPI_ISL_980522, EPI_ISL_980523, EPI_ISL_980524, EPI_ISL_980527, EPI_ISL_980528, EPI_ISL_980529, EPI_ISL_980530, EPI_ISL_980531, EPI_ISL_980532, EPI_ISL_980533, EPI_ISL_980534, EPI_ISL_980537, EPI_ISL_980538, EPI_ISL_980539, EPI_ISL_980540, EPI_ISL_980541, EPI_ISL_980542, EPI_ISL_980543, EPI_ISL_980544, EPI_ISL_980545, EPI_ISL_980546, EPI_ISL_980548	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_981014, EPI_ISL_981017, EPI_ISL_981020	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_981115, EPI_ISL_981116, EPI_ISL_981117, EPI_ISL_981131, EPI_ISL_981135, EPI_ISL_981158, EPI_ISL_981159, EPI_ISL_981160, EPI_ISL_981161, EPI_ISL_981162, EPI_ISL_981163, EPI_ISL_981164, EPI_ISL_981165, EPI_ISL_981166, EPI_ISL_981175, EPI_ISL_981191, EPI_ISL_981192, EPI_ISL_981193, EPI_ISL_981194, EPI_ISL_981195, EPI_ISL_981196, EPI_ISL_981197	Johns Hopkins Hospital Department of Pathology Laboratory for Respiratory Viruses, "Cantacuzino" National Military-Medical Institute for Resararch and Development	Johns Hopkins Hospital Department of Pathology Cantacuzino Institute Virology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Mihaela Lazar
EPI_ISL_981372	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_981374	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_981611, EPI_ISL_981612, EPI_ISL_981613, EPI_ISL_981614, EPI_ISL_981615, EPI_ISL_981616, EPI_ISL_981617, EPI_ISL_981618, EPI_ISL_981619, EPI_ISL_981620, EPI_ISL_981621, EPI_ISL_981622, EPI_ISL_981623, EPI_ISL_981624, EPI_ISL_981625, EPI_ISL_981626, EPI_ISL_981627, EPI_ISL_981628, EPI_ISL_981629, EPI_ISL_981630, EPI_ISL_981631, EPI_ISL_981632, EPI_ISL_981633, EPI_ISL_981634, EPI_ISL_981635, EPI_ISL_981636, EPI_ISL_981637, EPI_ISL_981638, EPI_ISL_981639, EPI_ISL_981640, EPI_ISL_981641, EPI_ISL_981644, EPI_ISL_981645, EPI_ISL_981646, EPI_ISL_981647, EPI_ISL_981648, EPI_ISL_981649, EPI_ISL_981690, EPI_ISL_981691, EPI_ISL_981692, EPI_ISL_981693, EPI_ISL_981694, EPI_ISL_981695, EPI_ISL_981705, EPI_ISL_981710, EPI_ISL_981711, EPI_ISL_981712, EPI_ISL_981718, EPI_ISL_981720, EPI_ISL_981808, EPI_ISL_981809, EPI_ISL_981810, EPI_ISL_981811, EPI_ISL_981812, EPI_ISL_981814, EPI_ISL_981815, EPI_ISL_981816, EPI_ISL_981817, EPI_ISL_981818, EPI_ISL_981819, EPI_ISL_981820, EPI_ISL_981821, EPI_ISL_981822, EPI_ISL_981823, EPI_ISL_981824, EPI_ISL_981825, EPI_ISL_981826, EPI_ISL_981836	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 Pegcet, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_983328	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, C.E.M Gruber, F Messina, G Parisi, ML Guarino, A Di Caro, MR Capobianchi
EPI_ISL_983635, EPI_ISL_983636, EPI_ISL_983638, EPI_ISL_983639	University of Michigan Clinical Microbiology Laboratory	Lauring Lab of University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_983736, EPI_ISL_983737	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_984288, EPI_ISL_984292	Algemeen Medisch Laboratorium	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veele Matheussens, Herman Goossens
EPI_ISL_984303, EPI_ISL_984304	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	Rome Buathong, Sopon Iamsirithaworn, Wichai Thanasopon, Opass Putcharoen, Sininat Petcharat, Yuthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Thiravat Hemachudha, Supaporn Wacharapulesadee
EPI_ISL_984619, EPI_ISL_984620, EPI_ISL_984621	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_984996	U.O. Igiene, Ospedale Policlinico San Martino	U.O. Igiene, Ospedale Policlinico San Martino	Bruzzoze Bianca, Caligiuri Patrizia, De Pace Vanessa, Domnich Alexander, Orsi Andrea, Ricucci Valentina, Icardi Giancarlo
EPI_ISL_984997, EPI_ISL_984998, EPI_ISL_984999	S.C. Laboratorio Analisi, ASL 3 Liguria	U.O. Igiene, Ospedale Policlinico San Martino	Bruzzoze Bianca, Caligiuri Patrizia, De Pace Vanessa, Domnich Alexander, Orsi Andrea, Ricucci Valentina, Spitaleri Antonino, Icardi Giancarlo
EPI_ISL_985000	U.O. Igiene, Ospedale Policlinico San Martino	U.O. Igiene, Ospedale Policlinico San Martino	Bruzzoze Bianca, Caligiuri Patrizia, De Pace Vanessa, Domnich Alexander, Orsi Andrea, Ricucci Valentina, Spitaleri Antonino, Icardi Giancarlo
EPI_ISL_985001, EPI_ISL_985002, EPI_ISL_985003, EPI_ISL_985004, EPI_ISL_985005, EPI_ISL_985006, EPI_ISL_985007, EPI_ISL_985008, EPI_ISL_985009, EPI_ISL_985010, EPI_ISL_985011, EPI_ISL_985012, EPI_ISL_985013, EPI_ISL_985014, EPI_ISL_985015, EPI_ISL_985016	S.C. Laboratorio Analisi, ASL 3 Liguria	U.O. Igiene, Ospedale Policlinico San Martino	Bruzzoze Bianca, Caligiuri Patrizia, De Pace Vanessa, Domnich Alexander, Orsi Andrea, Ricucci Valentina, Spitaleri Antonino, Icardi Giancarlo
EPI_ISL_985366, EPI_ISL_985367, EPI_ISL_985368, EPI_ISL_985369, EPI_ISL_985372, EPI_ISL_985373, EPI_ISL_985377, EPI_ISL_985380	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, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_985417, EPI_ISL_985418, EPI_ISL_985420, EPI_ISL_985422, EPI_ISL_985423, EPI_ISL_985426, EPI_ISL_985430, EPI_ISL_985436, EPI_ISL_985440, EPI_ISL_985451	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_985478, EPI_ISL_985480, EPI_ISL_985489, EPI_ISL_985495, EPI_ISL_985512, EPI_ISL_985517, EPI_ISL_985518, EPI_ISL_985533, EPI_ISL_985534, EPI_ISL_985537, EPI_ISL_985541, EPI_ISL_985542, EPI_ISL_985548, EPI_ISL_985550, EPI_ISL_985551, EPI_ISL_985556, EPI_ISL_985563, EPI_ISL_985564, EPI_ISL_985574, EPI_ISL_985581, EPI_ISL_985585, EPI_ISL_985588, EPI_ISL_985593, EPI_ISL_985594, EPI_ISL_985597, EPI_ISL_985599, EPI_ISL_985602, EPI_ISL_985607, EPI_ISL_985609	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_985613, EPI_ISL_985614, EPI_ISL_985616, EPI_ISL_985618, EPI_ISL_985619, EPI_ISL_985622, EPI_ISL_985623, EPI_ISL_985624, EPI_ISL_985626, EPI_ISL_985627, EPI_ISL_985628, EPI_ISL_985631, EPI_ISL_985632, EPI_ISL_985635, EPI_ISL_985637, EPI_ISL_985638, EPI_ISL_985640, EPI_ISL_985643, EPI_ISL_985644, EPI_ISL_985645, EPI_ISL_985646, EPI_ISL_985647, EPI_ISL_985648, EPI_ISL_985649, EPI_ISL_985650, EPI_ISL_985651, EPI_ISL_985652, EPI_ISL_985653, EPI_ISL_985654, EPI_ISL_985655, EPI_ISL_985656, EPI_ISL_985657, EPI_ISL_985658, EPI_ISL_985659, EPI_ISL_985660, EPI_ISL_985661, EPI_ISL_985662, EPI_ISL_985665, EPI_ISL_985666, EPI_ISL_985667, EPI_ISL_985668, EPI_ISL_985669, EPI_ISL_985670, EPI_ISL_985672, EPI_ISL_985673, EPI_ISL_985676, EPI_ISL_985677, EPI_ISL_985680, EPI_ISL_985682, EPI_ISL_985683, EPI_ISL_985685, EPI_ISL_985686, EPI_ISL_985691, EPI_ISL_985692, EPI_ISL_985693, EPI_ISL_985694, EPI_ISL_985695, EPI_ISL_985696, EPI_ISL_985698, EPI_ISL_985699, EPI_ISL_985700, EPI_ISL_985701, EPI_ISL_985705, EPI_ISL_985706, EPI_ISL_985707, EPI_ISL_985708, EPI_ISL_985709, EPI_ISL_985710, EPI_ISL_985712, EPI_ISL_985714, EPI_ISL_985718, EPI_ISL_985719, EPI_ISL_985721, EPI_ISL_985722, EPI_ISL_985723, EPI_ISL_985724, EPI_ISL_985725, EPI_ISL_985727, EPI_ISL_985730, EPI_ISL_985731, EPI_ISL_985734, EPI_ISL_985736, EPI_ISL_985739, EPI_ISL_985740, EPI_ISL_985741, EPI_ISL_985743, EPI_ISL_985744, EPI_ISL_985745, EPI_ISL_985747, EPI_ISL_985748, EPI_ISL_985749, EPI_ISL_985750, EPI_ISL_985751, EPI_ISL_985753, EPI_ISL_985754, EPI_ISL_985755, EPI_ISL_985756, EPI_ISL_985757, EPI_ISL_985760, EPI_ISL_985761, EPI_ISL_985762, EPI_ISL_985763, EPI_ISL_985765, EPI_ISL_985766, EPI_ISL_985767, EPI_ISL_985768, EPI_ISL_985769, EPI_ISL_985770, EPI_ISL_985771, EPI_ISL_985772, EPI_ISL_985775, EPI_ISL_985776, EPI_ISL_985777, EPI_ISL_985778, EPI_ISL_985779, EPI_ISL_985780, EPI_ISL_985781, EPI_ISL_985782, EPI_ISL_985783, EPI_ISL_985784, EPI_ISL_985785, EPI_ISL_985786, EPI_ISL_985787, EPI_ISL_985788, EPI_ISL_985789, EPI_ISL_985790, EPI_ISL_985791, EPI_ISL_985792, EPI_ISL_985793, EPI_ISL_985794, EPI_ISL_985796, EPI_ISL_985798, EPI_ISL_985799, EPI_ISL_985802, EPI_ISL_985808, EPI_ISL_985809, EPI_ISL_985811, EPI_ISL_985812, EPI_ISL_985813, EPI_ISL_985814, EPI_ISL_985815, EPI_ISL_985817, EPI_ISL_985818, EPI_ISL_985821, EPI_ISL_985822, EPI_ISL_985823, EPI_ISL_985824, EPI_ISL_985825, EPI_ISL_985827, EPI_ISL_985828, EPI_ISL_985829, EPI_ISL_985830, EPI_ISL_985831, EPI_ISL_985832, EPI_ISL_985833, EPI_ISL_985834, EPI_ISL_985836, EPI_ISL_985838, EPI_ISL_985839, EPI_ISL_985840, EPI_ISL_985841, EPI_ISL_985842, EPI_ISL_985844, EPI_ISL_985845, EPI_ISL_985847, EPI_ISL_985848, EPI_ISL_985849, EPI_ISL_985850, EPI_ISL_985851, EPI_ISL_985852, EPI_ISL_985853, EPI_ISL_985854, EPI_ISL_985855, EPI_ISL_985859, EPI_ISL_985861, EPI_ISL_985865, EPI_ISL_985869, EPI_ISL_985871, EPI_ISL_985873, EPI_ISL_985875, EPI_ISL_985876, EPI_ISL_985878, EPI_ISL_985879, EPI_ISL_985881,	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

[illegible]

[illegible]

EPI_ISL_988131, EPI_ISL_988132, EPI_ISL_988133, EPI_ISL_988134, EPI_ISL_988135, EPI_ISL_988136, EPI_ISL_988138, EPI_ISL_988139, EPI_ISL_988140, EPI_ISL_988141, EPI_ISL_988142, EPI_ISL_988144, EPI_ISL_988145, EPI_ISL_988146, EPI_ISL_988148, EPI_ISL_988149, EPI_ISL_988150, EPI_ISL_988151, EPI_ISL_988152, EPI_ISL_988153, EPI_ISL_988155, EPI_ISL_988157, EPI_ISL_988158, EPI_ISL_988159, EPI_ISL_988161, EPI_ISL_988165, EPI_ISL_988166, EPI_ISL_988167, EPI_ISL_988169, EPI_ISL_988170, EPI_ISL_988173, EPI_ISL_988174, EPI_ISL_988175, EPI_ISL_988177, EPI_ISL_988178, EPI_ISL_988179, EPI_ISL_988180, EPI_ISL_988181, EPI_ISL_988182, EPI_ISL_988183, EPI_ISL_988184, EPI_ISL_988185, EPI_ISL_988186, EPI_ISL_988187, EPI_ISL_988188, EPI_ISL_988190, EPI_ISL_988197, EPI_ISL_988198, EPI_ISL_988201, EPI_ISL_988202, EPI_ISL_988204	see above	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_988690, EPI_ISL_988692, EPI_ISL_988705, EPI_ISL_988709, EPI_ISL_988715, EPI_ISL_988720, EPI_ISL_988722, EPI_ISL_988724, EPI_ISL_988734, EPI_ISL_988745, EPI_ISL_988748, EPI_ISL_988770, EPI_ISL_988775, EPI_ISL_988776, EPI_ISL_988784, EPI_ISL_988791, EPI_ISL_988797, EPI_ISL_988814, EPI_ISL_988833, EPI_ISL_988841, EPI_ISL_988845, EPI_ISL_988846, EPI_ISL_988847, EPI_ISL_988850, EPI_ISL_988872, EPI_ISL_988876, EPI_ISL_988877, EPI_ISL_988889, EPI_ISL_988902, EPI_ISL_988907, EPI_ISL_988911	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_988913, EPI_ISL_988915, EPI_ISL_988921, EPI_ISL_988928, EPI_ISL_988929, EPI_ISL_988931, EPI_ISL_988943, EPI_ISL_988964, EPI_ISL_988965, EPI_ISL_988969, EPI_ISL_988974, EPI_ISL_988985, EPI_ISL_988986, EPI_ISL_988994, EPI_ISL_989005, EPI_ISL_989008, EPI_ISL_989026, EPI_ISL_989027	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_989363, EPI_ISL_989364, EPI_ISL_989365, EPI_ISL_989366, EPI_ISL_989367, EPI_ISL_989368, EPI_ISL_989369, EPI_ISL_989370, EPI_ISL_989371, EPI_ISL_989372, EPI_ISL_989373, EPI_ISL_989374, EPI_ISL_989375, EPI_ISL_989376, EPI_ISL_989377, EPI_ISL_989378, EPI_ISL_989379, EPI_ISL_989380, EPI_ISL_989381, EPI_ISL_989382, EPI_ISL_989383, EPI_ISL_989384, EPI_ISL_989385, EPI_ISL_989386, EPI_ISL_989387, EPI_ISL_989388, EPI_ISL_989389, EPI_ISL_989390, EPI_ISL_989391, EPI_ISL_989392, EPI_ISL_989393, EPI_ISL_989394, EPI_ISL_989395, EPI_ISL_989396, EPI_ISL_989397, EPI_ISL_989398, EPI_ISL_989399, EPI_ISL_989400, EPI_ISL_989401, EPI_ISL_989402, EPI_ISL_989404, EPI_ISL_989405, EPI_ISL_989406, EPI_ISL_989407, EPI_ISL_989408, EPI_ISL_989410, EPI_ISL_989411, EPI_ISL_989412, EPI_ISL_989413	see above	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_989414, EPI_ISL_989415, EPI_ISL_989416, EPI_ISL_989417, EPI_ISL_989418, EPI_ISL_989419, EPI_ISL_989420, EPI_ISL_989421, EPI_ISL_989422, EPI_ISL_989423, EPI_ISL_989424, EPI_ISL_989425, EPI_ISL_989426, EPI_ISL_989427, EPI_ISL_989429, EPI_ISL_989430, EPI_ISL_989431, EPI_ISL_989432, EPI_ISL_989433, EPI_ISL_989434, EPI_ISL_989435, EPI_ISL_989436, EPI_ISL_989437, EPI_ISL_989438, EPI_ISL_989439, EPI_ISL_989440, EPI_ISL_989441, EPI_ISL_989442, EPI_ISL_989443	see above	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_994871, EPI_ISL_994880, EPI_ISL_994886, EPI_ISL_994890, EPI_ISL_994891, EPI_ISL_994892, EPI_ISL_994893, EPI_ISL_994894, EPI_ISL_994895, EPI_ISL_994896, EPI_ISL_994898, EPI_ISL_994900, EPI_ISL_994901, EPI_ISL_994903, EPI_ISL_994904, EPI_ISL_994905, EPI_ISL_994906, EPI_ISL_994907, EPI_ISL_994908, EPI_ISL_994909, EPI_ISL_994910, EPI_ISL_994911, EPI_ISL_994913, EPI_ISL_994914, EPI_ISL_994915, EPI_ISL_994916, EPI_ISL_994918, EPI_ISL_994923, EPI_ISL_994924, EPI_ISL_994925, EPI_ISL_994926, EPI_ISL_994927, EPI_ISL_994928, EPI_ISL_994929, EPI_ISL_994930, EPI_ISL_994931, EPI_ISL_994932, EPI_ISL_994933, EPI_ISL_994934, EPI_ISL_994935, EPI_ISL_994938, EPI_ISL_994961, EPI_ISL_994975	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_995495, EPI_ISL_995496, EPI_ISL_995511, EPI_ISL_995512, EPI_ISL_995513	see above	Jessa	Jessa	Jessa_crdLab
EPI_ISL_995623, EPI_ISL_995624, EPI_ISL_995625, EPI_ISL_995626, EPI_ISL_995627, EPI_ISL_995628, EPI_ISL_995629, EPI_ISL_995630, EPI_ISL_995631, EPI_ISL_995632, EPI_ISL_995633, EPI_ISL_995634, EPI_ISL_995635, EPI_ISL_995636, EPI_ISL_995637, EPI_ISL_995638, EPI_ISL_995639, EPI_ISL_995640, EPI_ISL_995641, EPI_ISL_995642, EPI_ISL_995643, EPI_ISL_995644, EPI_ISL_995645, EPI_ISL_995646, EPI_ISL_995647, EPI_ISL_995648, EPI_ISL_995649, EPI_ISL_995650, EPI_ISL_995652, EPI_ISL_995693	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_996413, EPI_ISL_996414		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_996415		Bundeswehrkrankenhaus Berlin	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pilukut, Enrico Georgi, Roman Wölfl
EPI_ISL_996440, EPI_ISL_996476		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_996745, EPI_ISL_996747, EPI_ISL_996748, EPI_ISL_996752, EPI_ISL_996755, EPI_ISL_996757, EPI_ISL_996760, EPI_ISL_996762, EPI_ISL_996763, EPI_ISL_996765, EPI_ISL_996766, EPI_ISL_996768, EPI_ISL_996769, EPI_ISL_996771, EPI_ISL_996772, EPI_ISL_996773, EPI_ISL_996774, EPI_ISL_996775, EPI_ISL_996776, EPI_ISL_996779, EPI_ISL_996780, EPI_ISL_996781, EPI_ISL_996782, EPI_ISL_996783, EPI_ISL_996784, EPI_ISL_996785, EPI_ISL_996786, EPI_ISL_996794, EPI_ISL_996801, EPI_ISL_996813, EPI_ISL_996815, EPI_ISL_996817, EPI_ISL_996819, EPI_ISL_996820, EPI_ISL_996822, EPI_ISL_996825, EPI_ISL_996828, EPI_ISL_996833	see above	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_997065, EPI_ISL_997071		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_997373, EPI_ISL_997375		University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_997562		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, Alessadro 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 Olateji, 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_997739, EPI_ISL_997741, EPI_ISL_997742, EPI_ISL_997743, EPI_ISL_997867, EPI_ISL_997869, EPI_ISL_997871, EPI_ISL_997971, EPI_ISL_997984		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_998122		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 Anygal, 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_998529, EPI_ISL_998534		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_998793, EPI_ISL_998803, EPI_ISL_998855, EPI_ISL_998868, EPI_ISL_998877, EPI_ISL_998879, EPI_ISL_998887		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, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady

EPI_ISL_998897, EPI_ISL_998898, EPI_ISL_998899, EPI_ISL_998900, EPI_ISL_998901, EPI_ISL_998903	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_999787, EPI_ISL_999791, EPI_ISL_999793, EPI_ISL_999795, EPI_ISL_999796, EPI_ISL_999797, EPI_ISL_999805, EPI_ISL_999806, EPI_ISL_999918, EPI_ISL_999919, EPI_ISL_999920, EPI_ISL_999921, EPI_ISL_999922, EPI_ISL_999923	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_999963, EPI_ISL_999965, EPI_ISL_999973, EPI_ISL_999974, EPI_ISL_999975, EPI_ISL_999976, EPI_ISL_999977, EPI_ISL_999978, EPI_ISL_999979, EPI_ISL_999982, EPI_ISL_999983, EPI_ISL_999984	see above	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