

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_1000660, EPI_ISL_1000667, EPI_ISL_1000681, EPI_ISL_1000723, EPI_ISL_1000733, EPI_ISL_1000745, EPI_ISL_1000756, EPI_ISL_1000785, EPI_ISL_1000792	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_1010712, EPI_ISL_1010713	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_1014904, EPI_ISL_1014910, EPI_ISL_1014911	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_1015361	Coast Diagnostics	Synergy Laboratories	Megan Cornwell
EPI_ISL_1016856	LabTests	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_1016857	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_1018053	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D. and Song,X.
EPI_ISL_1018520, EPI_ISL_1018606	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1018722	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_1020152, EPI_ISL_1020153, EPI_ISL_1020155	AZ Klina	AZ Klina	Dr. C. Vael
EPI_ISL_1020370, EPI_ISL_1020380, EPI_ISL_1020381	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1033027	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_1033152, EPI_ISL_1033153	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_1033154, EPI_ISL_1033155	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_1033156, EPI_ISL_1033157	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_1033164, EPI_ISL_1033168, EPI_ISL_1033169, EPI_ISL_1033173, EPI_ISL_1033174, EPI_ISL_1033176, EPI_ISL_1033179, EPI_ISL_1033182, EPI_ISL_1033184, EPI_ISL_1033196, EPI_ISL_1033197, EPI_ISL_1033199, EPI_ISL_1033200, EPI_ISL_1033210, EPI_ISL_1033211, EPI_ISL_1033213, EPI_ISL_1033217, EPI_ISL_1033218, EPI_ISL_1033223, EPI_ISL_1033226, EPI_ISL_1033228, EPI_ISL_1033231, EPI_ISL_1033233, EPI_ISL_1033235, EPI_ISL_1033237, EPI_ISL_1033238, EPI_ISL_1033241, EPI_ISL_1033242, EPI_ISL_1033245, EPI_ISL_1033246, EPI_ISL_1033253, EPI_ISL_1033255, EPI_ISL_1033259, EPI_ISL_1033261, EPI_ISL_1033262, EPI_ISL_1033263, EPI_ISL_1033265, EPI_ISL_1033266, EPI_ISL_1033271, EPI_ISL_1033272, EPI_ISL_1033273, EPI_ISL_1033276, EPI_ISL_1033277, EPI_ISL_1033279, EPI_ISL_1033281, EPI_ISL_1033283, EPI_ISL_1033290, EPI_ISL_1033291, EPI_ISL_1033294, EPI_ISL_1033297, EPI_ISL_1033300, EPI_ISL_1033301, EPI_ISL_1033303, EPI_ISL_1033304, EPI_ISL_1033305, EPI_ISL_1033306, EPI_ISL_1033307, EPI_ISL_1033308, EPI_ISL_1033309, EPI_ISL_1033310, EPI_ISL_1033311, EPI_ISL_1033312, EPI_ISL_1033313, EPI_ISL_1033314, EPI_ISL_1033315, EPI_ISL_1033316, EPI_ISL_1033317, EPI_ISL_1033319, EPI_ISL_1033320, EPI_ISL_1033321, EPI_ISL_1033322, EPI_ISL_1033323, EPI_ISL_1033324, EPI_ISL_1033325, EPI_ISL_1033326, EPI_ISL_1033327, EPI_ISL_1033328, EPI_ISL_1033329, EPI_ISL_1033330, EPI_ISL_1033331, EPI_ISL_1033332, EPI_ISL_1033333, EPI_ISL_1033334, EPI_ISL_1033335, EPI_ISL_1033336, EPI_ISL_1033337, EPI_ISL_1033338, EPI_ISL_1033339, EPI_ISL_1033340, EPI_ISL_1033341, EPI_ISL_1033342, EPI_ISL_1033343, EPI_ISL_1033344, EPI_ISL_1033345, EPI_ISL_1033346, EPI_ISL_1033347, EPI_ISL_1033348, EPI_ISL_1033349, EPI_ISL_1033350, EPI_ISL_1033351, EPI_ISL_1033352, EPI_ISL_1033353, EPI_ISL_1033354, EPI_ISL_1033355, EPI_ISL_1033356, EPI_ISL_1033357, EPI_ISL_1033358, EPI_ISL_1033359, EPI_ISL_1033360, EPI_ISL_1033361, EPI_ISL_1033362, EPI_ISL_1033363, EPI_ISL_1033364, EPI_ISL_1033365, EPI_ISL_1033366, EPI_ISL_1033367, EPI_ISL_1033368, EPI_ISL_1033369, EPI_ISL_1033370, EPI_ISL_1033371, EPI_ISL_1033372, EPI_ISL_1033373, EPI_ISL_1033374, EPI_ISL_1033375, EPI_ISL_1033376, EPI_ISL_1033377, EPI_ISL_1033378, EPI_ISL_1033379, EPI_ISL_1033380, EPI_ISL_1033381, EPI_ISL_1033382, EPI_ISL_1033383, EPI_ISL_1033384, EPI_ISL_1033385, EPI_ISL_1033386, EPI_ISL_1033387, EPI_ISL_1033388, EPI_ISL_1033389, EPI_ISL_1033390, EPI_ISL_1033392, EPI_ISL_1033393, EPI_ISL_1033394, EPI_ISL_1033395, EPI_ISL_1033396, EPI_ISL_1033397, EPI_ISL_1033398, EPI_ISL_1033399, EPI_ISL_1034000, EPI_ISL_103401, EPI_ISL_103402, EPI_ISL_103403, EPI_ISL_103404, EPI_ISL_103405, EPI_ISL_103406, EPI_ISL_103407, EPI_ISL_103408, EPI_ISL_103409, EPI_ISL_103410, EPI_ISL_103411, EPI_ISL_103412, EPI_ISL_103413, EPI_ISL_103414, EPI_ISL_103416, EPI_ISL_103417, EPI_ISL_103418, EPI_ISL_103419, EPI_ISL_103420, EPI_ISL_103421, EPI_ISL_103422, EPI_ISL_103423, EPI_ISL_103424, EPI_ISL_103425, EPI_ISL_103426, EPI_ISL_103427, EPI_ISL_103429, EPI_ISL_103430, EPI_ISL_103431, EPI_ISL_103432, EPI_ISL_103433, EPI_ISL_103434, EPI_ISL_103435, EPI_ISL_103436, EPI_ISL_103437, EPI_ISL_103438, EPI_ISL_103439, EPI_ISL_103440, EPI_ISL_103441, EPI_ISL_103443, EPI_ISL_103444, EPI_ISL_103445, EPI_ISL_103446, EPI_ISL_103447, EPI_ISL_103448, EPI_ISL_103449, EPI_ISL_103451, EPI_ISL_103452, EPI_ISL_103454, EPI_ISL_103455, EPI_ISL_103456, EPI_ISL_103457, EPI_ISL_103458, EPI_ISL_103459, EPI_ISL_103460, EPI_ISL_103461, EPI_ISL_103465, EPI_ISL_103466, EPI_ISL_103467, EPI_ISL_103468, EPI_ISL_103470, EPI_ISL_103472, EPI_ISL_103473, EPI_ISL_103474, EPI_ISL_103475, EPI_ISL_103476, EPI_ISL_103477, EPI_ISL_103478, EPI_ISL_103479, EPI_ISL_103480, EPI_ISL_103481, EPI_ISL_103482, EPI_ISL_103483, EPI_ISL_103485, EPI_ISL_103486, EPI_ISL_103487, EPI_ISL_103489, EPI_ISL_103490, EPI_ISL_103491, EPI_ISL_103493, EPI_ISL_103494, EPI_ISL_103496, EPI_ISL_103497, EPI_ISL_103498, EPI_ISL_103499, EPI_ISL_103500, EPI_ISL_103501, EPI_ISL_103502, EPI_ISL_103503, EPI_ISL_103504, EPI_ISL_103505, EPI_ISL_103506, EPI_ISL_103507, EPI_ISL_103508, EPI_ISL_103509, EPI_ISL_103510, EPI_ISL_103511, EPI_ISL_103512, EPI_ISL_103513, EPI_ISL_103514, EPI_ISL_103515, EPI_ISL_103516, EPI_ISL_103517, EPI_ISL_103518, EPI_ISL_103519, EPI_ISL_103520, EPI_ISL_103521, EPI_ISL_103522, EPI_ISL_103523, EPI_ISL_103525, EPI_ISL_103526, EPI_ISL_103527, EPI_ISL_103528, EPI_ISL_103529, EPI_ISL_103530, EPI_ISL_103531, EPI_ISL_103532, EPI_ISL_103533, EPI_ISL_103534, EPI_ISL_103535			
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_1034260, EPI_ISL_1034261, EPI_ISL_1034262	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_1034793	Virologia Dipartimento di Scienze Biomediche Università di Sassari Viale San Pietro, 43/B - Sassari	Laboratorio Specialistico di Ematologia, Ospedale "San Francesco", via Mannironi 1, 08100 Nuoro	Giovanna Piras, Tatiana Fancello, Maria Monne, Rosanna Asproni, Caterina Serra, Elena Rimini, Salvatore Rubino
EPI_ISL_1034810, EPI_ISL_1034811	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034813, EPI_ISL_1034814	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034815, EPI_ISL_1034816	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1035141	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_1036153	SIESP AQ	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_1036160	SIESP SULM	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_1036161	OSP CIV TERAMO RIANIMAZIONE CARDIOCHIR	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_1036165	SIESP TERAMO	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_1036166, EPI_ISL_1036167, EPI_ISL_1036170	SIESP CH	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_1036172	SIESP TERAMO	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_1036174	SIESP CH	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_1036178	SIESP SULM	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_1036179	SIESP CH DISTRETTO SANITARIO 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_1036180, EPI_ISL_1036187	SIESP TERAMO	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_1036189	OSP CIV TERAMO PNEUMOLOGIA	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_1036190	SIESP CH	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_1036191	SIESP SULM	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_1036192	SIESP TERAMO	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_1036193, EPI_ISL_1036194, EPI_ISL_1036195, EPI_ISL_1036196	SIESP CH	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_1036198	ASL AVEZZANO-SULMONA-L'AQUILA DIP PREV SERV IGIENE E SAN PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1036199, EPI_ISL_1036200, EPI_ISL_1036201	SIESP CH	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_1036202	SIESP TERAMO	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_1036203	SIESP CH	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_1036207, EPI_ISL_1036208	SIESP TERAMO	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_1038823	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1038969, EPI_ISL_1038970	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_1039782	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, O Butera, A Di Caro, MR Capobianchi
EPI_ISL_1039784	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, D.Gallone, G Parisi, ML Guarino, A Di Caro, MR Capobianchi
EPI_ISL_1039843	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_1040051	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1040189, EPI_ISL_1040195, EPI_ISL_1040202, EPI_ISL_1040267, EPI_ISL_1040268, EPI_ISL_1040269, EPI_ISL_1040270, EPI_ISL_1040271, EPI_ISL_1040272, EPI_ISL_1040278, EPI_ISL_1040298, EPI_ISL_1040302, EPI_ISL_1040330, EPI_ISL_1040331, EPI_ISL_1040332, EPI_ISL_1040333, EPI_ISL_1040334, EPI_ISL_1040335, EPI_ISL_1040336, EPI_ISL_1040337, EPI_ISL_1040338, EPI_ISL_1040339, EPI_ISL_1040340, EPI_ISL_1040341, EPI_ISL_1040342, EPI_ISL_1040343, EPI_ISL_1040344, EPI_ISL_1040360			
see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1041527, EPI_ISL_1041531, EPI_ISL_1041540, EPI_ISL_1041541, EPI_ISL_1041551, EPI_ISL_1041572, EPI_ISL_1041578, EPI_ISL_1041593, EPI_ISL_1041602, EPI_ISL_1041618, EPI_ISL_1041637, EPI_ISL_1041638, EPI_ISL_1041662, EPI_ISL_1041678, EPI_ISL_1041685, EPI_ISL_1041801, EPI_ISL_1041845, EPI_ISL_1041864, EPI_ISL_1041870			
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_1041983	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1042014, EPI_ISL_1042017	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_1042018	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, 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_1042020, EPI_ISL_1042028, EPI_ISL_1042031, EPI_ISL_1042033, EPI_ISL_1042036, EPI_ISL_1042037, EPI_ISL_1042040, EPI_ISL_1042043, EPI_ISL_1042045, EPI_ISL_1042046, EPI_ISL_1042047, EPI_ISL_1042048, EPI_ISL_1042050			
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_1042060, EPI_ISL_1042065	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, 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_1042066, EPI_ISL_1042067, EPI_ISL_1042074, EPI_ISL_1042077, EPI_ISL_1042081, EPI_ISL_1042084, EPI_ISL_1042085, EPI_ISL_1042091, EPI_ISL_1042094, EPI_ISL_1042096, EPI_ISL_1042100			
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

[illegible]

EPI_ISL_1043048, EPI_ISL_1043049, EPI_ISL_1043050, EPI_ISL_1043051, EPI_ISL_1043052, EPI_ISL_1043053, EPI_ISL_1043054, EPI_ISL_1043055, EPI_ISL_1043056, EPI_ISL_1043057, EPI_ISL_1043058, EPI_ISL_1043059, EPI_ISL_1043060, EPI_ISL_1043061, EPI_ISL_1043062, EPI_ISL_1043063, EPI_ISL_1043064, EPI_ISL_1043065, EPI_ISL_1043066, EPI_ISL_1043067, EPI_ISL_1043068, EPI_ISL_1043069, EPI_ISL_1043070, EPI_ISL_1043071, EPI_ISL_1043072, EPI_ISL_1043073, EPI_ISL_1043074, EPI_ISL_1043075, EPI_ISL_1043076, EPI_ISL_1043077, EPI_ISL_1043078, EPI_ISL_1043079, EPI_ISL_1043080, EPI_ISL_1043081, EPI_ISL_1043082, EPI_ISL_1043083, EPI_ISL_1043084, EPI_ISL_1043086, EPI_ISL_1043087, EPI_ISL_1043088, EPI_ISL_1043089, EPI_ISL_1043090, EPI_ISL_1043091, EPI_ISL_1043092, EPI_ISL_1043093, EPI_ISL_1043094, EPI_ISL_1043095, EPI_ISL_1043096, EPI_ISL_1043097, EPI_ISL_1043098, EPI_ISL_1043100, EPI_ISL_1043101, EPI_ISL_1043102, EPI_ISL_1043103, EPI_ISL_1043104, EPI_ISL_1043105, EPI_ISL_1043106, EPI_ISL_1043107, EPI_ISL_1043108, EPI_ISL_1043109, EPI_ISL_1043110, EPI_ISL_1043111, EPI_ISL_1043112, EPI_ISL_1043113, EPI_ISL_1043114, EPI_ISL_1043115, EPI_ISL_1043116, EPI_ISL_1043117, EPI_ISL_1043118, EPI_ISL_1043119, EPI_ISL_1043120, EPI_ISL_1043121, EPI_ISL_1043122, EPI_ISL_1043123, EPI_ISL_1043124, EPI_ISL_1043126, EPI_ISL_1043127, EPI_ISL_1043128, EPI_ISL_1043129, EPI_ISL_1043130, EPI_ISL_1043131, EPI_ISL_1043132, EPI_ISL_1043133, EPI_ISL_1043134, EPI_ISL_1043135, EPI_ISL_1043136, EPI_ISL_1043137, EPI_ISL_1043138, EPI_ISL_1043139, EPI_ISL_1043140, EPI_ISL_1043141, EPI_ISL_1043142, EPI_ISL_1043143, EPI_ISL_1043144, EPI_ISL_1043145, EPI_ISL_1043157, EPI_ISL_1043158, EPI_ISL_1043159, EPI_ISL_1043160, EPI_ISL_1043161, EPI_ISL_1043162, EPI_ISL_1043163, EPI_ISL_1043164	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, 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_1043358		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_1043375, EPI_ISL_1043385, EPI_ISL_1043386, EPI_ISL_1043388, EPI_ISL_1043389, EPI_ISL_1043398	see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, 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_1043506		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_1043550, EPI_ISL_1043562, EPI_ISL_1043563		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, 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_1043569, EPI_ISL_1043570, EPI_ISL_1043571, EPI_ISL_1043572, EPI_ISL_1043573, EPI_ISL_1043574, EPI_ISL_1043575, EPI_ISL_1043576, EPI_ISL_1043578, EPI_ISL_1043579, EPI_ISL_1043580, EPI_ISL_1043581, EPI_ISL_1043582, EPI_ISL_1043583, EPI_ISL_1043584, EPI_ISL_1043585, EPI_ISL_1043586, EPI_ISL_1043587, EPI_ISL_1043588, EPI_ISL_1043589, EPI_ISL_1043590, EPI_ISL_1043591, EPI_ISL_1043592, EPI_ISL_1043593, EPI_ISL_1043594, EPI_ISL_1043595, EPI_ISL_1043596, EPI_ISL_1043597, EPI_ISL_1043598, EPI_ISL_1043599, EPI_ISL_1043600, EPI_ISL_1043601, EPI_ISL_1043602, EPI_ISL_1043603, EPI_ISL_1043604, EPI_ISL_1043605, EPI_ISL_1043606, EPI_ISL_1043607, EPI_ISL_1043608, EPI_ISL_1043609, EPI_ISL_1043610, EPI_ISL_1043611, EPI_ISL_1043612, EPI_ISL_1043613, EPI_ISL_1043614, EPI_ISL_1043615, EPI_ISL_1043616, EPI_ISL_1043617, EPI_ISL_1043618, EPI_ISL_1043619, EPI_ISL_1043620, EPI_ISL_1043621, EPI_ISL_1043622, EPI_ISL_1043623, EPI_ISL_1043624, EPI_ISL_1043625, EPI_ISL_1043626, EPI_ISL_1043627, EPI_ISL_1043628, EPI_ISL_1043629, EPI_ISL_1043630, EPI_ISL_1043631, EPI_ISL_1043632, EPI_ISL_1043633, EPI_ISL_1043635, EPI_ISL_1043636, EPI_ISL_1043637, EPI_ISL_1043638, EPI_ISL_1043639, EPI_ISL_1043640, EPI_ISL_1043641, EPI_ISL_1043642, EPI_ISL_1043643, EPI_ISL_1043644, EPI_ISL_1043646, EPI_ISL_1043647, EPI_ISL_1043648, EPI_ISL_1043649, EPI_ISL_1043650, EPI_ISL_1043651, EPI_ISL_1043652, EPI_ISL_1043653, EPI_ISL_1043654, EPI_ISL_1043655, EPI_ISL_1043656, EPI_ISL_1043657, EPI_ISL_1043658, EPI_ISL_1043659, EPI_ISL_1043660, EPI_ISL_1043661, EPI_ISL_1043662, EPI_ISL_1043663, EPI_ISL_1043664, EPI_ISL_1043665, EPI_ISL_1043666, EPI_ISL_1043667, EPI_ISL_1043668, EPI_ISL_1043669, EPI_ISL_1043670, EPI_ISL_1043671, EPI_ISL_1043672, EPI_ISL_1043673, EPI_ISL_1043674, EPI_ISL_1043675, EPI_ISL_1043676, EPI_ISL_1043677, EPI_ISL_1043678, EPI_ISL_1043679, EPI_ISL_1043680, EPI_ISL_1043681, EPI_ISL_1043682, EPI_ISL_1043683, EPI_ISL_1043684, EPI_ISL_1043685, EPI_ISL_1043686, EPI_ISL_1043687, EPI_ISL_1043688, EPI_ISL_1043689, EPI_ISL_1043690, EPI_ISL_1043691, EPI_ISL_1043692, EPI_ISL_1043693, EPI_ISL_1043694, EPI_ISL_1043695, EPI_ISL_1043696, EPI_ISL_1043697, EPI_ISL_1043698, EPI_ISL_1043699, EPI_ISL_1043700, EPI_ISL_1043701, EPI_ISL_1043702, EPI_ISL_1043703, EPI_ISL_1043704, EPI_ISL_1043705, EPI_ISL_1043706, EPI_ISL_1043707, EPI_ISL_1043708, EPI_ISL_1043709, EPI_ISL_1043710, EPI_ISL_1043711, EPI_ISL_1043712, EPI_ISL_1043713, EPI_ISL_1043714, EPI_ISL_1043715, EPI_ISL_1043716, EPI_ISL_1043717, EPI_ISL_1043718, EPI_ISL_1043719, EPI_ISL_1043720, EPI_ISL_1043721, EPI_ISL_1043722, EPI_ISL_1043723, EPI_ISL_1043724, EPI_ISL_1043725, EPI_ISL_1043726, EPI_ISL_1043727, EPI_ISL_1043728, EPI_ISL_1043729, EPI_ISL_1043730, EPI_ISL_1043731, EPI_ISL_1043732, EPI_ISL_1043733, EPI_ISL_1043734, EPI_ISL_1043735, EPI_ISL_1043737, EPI_ISL_1043738, EPI_ISL_1043739, EPI_ISL_1043740, EPI_ISL_1043741, EPI_ISL_1043742, EPI_ISL_1043743, EPI_ISL_1043744, EPI_ISL_1043745, EPI_ISL_1043746, EPI_ISL_1043747, EPI_ISL_1043748, EPI_ISL_1043749, EPI_ISL_1043750, EPI_ISL_1043751, EPI_ISL_1043752, EPI_ISL_1043753, EPI_ISL_1043754, EPI_ISL_1043755, EPI_ISL_1043756, EPI_ISL_1043757, EPI_ISL_1043758, EPI_ISL_1043759, EPI_ISL_1043760, EPI_ISL_1043761, EPI_ISL_1043762, EPI_ISL_1043763, EPI_ISL_1043764, EPI_ISL_1043765, EPI_ISL_1043766, EPI_ISL_1043767, EPI_ISL_1043768, EPI_ISL_1043769, EPI_ISL_1043770, EPI_ISL_1043771, EPI_ISL_1043772, EPI_ISL_1043773, EPI_ISL_1043774, EPI_ISL_1043775, EPI_ISL_1043776, EPI_ISL_1043777, EPI_ISL_1043778, EPI_ISL_1043779, EPI_ISL_1043780, EPI_ISL_1043781, EPI_ISL_1043782, EPI_ISL_1043783, EPI_ISL_1043784, EPI_ISL_1043785, EPI_ISL_1043786, EPI_ISL_1043787, EPI_ISL_1043788, EPI_ISL_1043789, EPI_ISL_1043790, EPI_ISL_1043791, EPI_ISL_1043792, EPI_ISL_1043793, EPI_ISL_1043794, EPI_ISL_1043795, EPI_ISL_1043796, EPI_ISL_1043797, EPI_ISL_1043798, EPI_ISL_1043799, EPI_ISL_1043800, EPI_ISL_1043801, EPI_ISL_1043802, EPI_ISL_1043803, EPI_ISL_1043804, EPI_ISL_1043805, EPI_ISL_1043807, EPI_ISL_1043808, EPI_ISL_1043809, EPI_ISL_1043810, EPI_ISL_1043811, EPI_ISL_1043812, EPI_ISL_1043813, EPI_ISL_1043814, EPI_ISL_1043815, EPI_ISL_1043816, EPI_ISL_1043817, EPI_ISL_1043818, EPI_ISL_1043819, EPI_ISL_1043820, EPI_ISL_1043821, EPI_ISL_1043822, EPI_ISL_1043823, EPI_ISL_1043824, EPI_ISL_1043825, EPI_ISL_1043826, EPI_ISL_1043827, EPI_ISL_1043828, EPI_ISL_1043829, EPI_ISL_1043830, EPI_ISL_1043831, EPI_ISL_1043832, EPI_ISL_1043833, EPI_ISL_1043834, EPI_ISL_1043835, EPI_ISL_1043836, EPI_ISL_1043838, EPI_ISL_1043839, EPI_ISL_1043840, EPI_ISL_1043841, EPI_ISL_1043842, EPI_ISL_1043843, EPI_ISL_1043844, EPI_ISL_1043845, EPI_ISL_1043846, EPI_ISL_1043847, EPI_ISL_1043848, EPI_ISL_1043849, EPI_ISL_1043850, EPI_ISL_1043851, EPI_ISL_1043852, EPI_ISL_1043853, EPI_ISL_1043854, EPI_ISL_1043855, EPI_ISL_1043856, EPI_ISL_1043857, EPI_ISL_1043858, EPI_ISL_1043859, EPI_ISL_1043860, EPI_ISL_1043861, EPI_ISL_1043862, EPI_ISL_1043863, EPI_ISL_1043864, EPI_ISL_1043865, EPI_ISL_1043866, EPI_ISL_1043867, EPI_ISL_1043868, EPI_ISL_1043869, EPI_ISL_1043870, EPI_ISL_1043871, EPI_ISL_1043872, EPI_ISL_1043873, EPI_ISL_1043874, EPI_ISL_1043875, EPI_ISL_1043876, EPI_ISL_1043877, EPI_ISL_1043878, EPI_ISL_1043879, EPI_ISL_1043880, EPI_ISL_1043881, EPI_ISL_1043882, EPI_ISL_1043883, EPI_ISL_1043884, EPI_ISL_1043885, EPI_ISL_1043886, EPI_ISL_1043887, EPI_ISL_1043888, EPI_ISL_1043889, EPI_ISL_1043890, EPI_ISL_1043891, EPI_ISL_1043892, EPI_ISL_1043893, EPI_ISL_1043894, EPI_ISL_1043895, EPI_ISL_1043896, EPI_ISL_1043897, EPI_ISL_1043898				
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, 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_1044225, EPI_ISL_1044226, EPI_ISL_1044227, EPI_ISL_1044228, EPI_ISL_1044229, EPI_ISL_1044230, EPI_ISL_1044231, EPI_ISL_1044232, EPI_ISL_1044233, EPI_ISL_1044234, EPI_ISL_1044235, EPI_ISL_1044236, EPI_ISL_1044237, EPI_ISL_1044238, EPI_ISL_1044239, EPI_ISL_1044240, EPI_ISL_1044241, EPI_ISL_1044242, EPI_ISL_1044243, EPI_ISL_1044244, EPI_ISL_1044245, EPI_ISL_1044246, EPI_ISL_1044247, EPI_ISL_1044248, EPI_ISL_1044249, EPI_ISL_1044250, EPI_ISL_1044251, EPI_ISL_1044252, EPI_ISL_1044253, EPI_ISL_1044254, EPI_ISL_1044255, EPI_ISL_1044256, EPI_ISL_1044257, EPI_ISL_1044258, EPI_ISL_1044259, EPI_ISL_1044260, EPI_ISL_1044261, EPI_ISL_1044262, EPI_ISL_1044264, EPI_ISL_1044265, EPI_ISL_1044266, EPI_ISL_1044267, EPI_ISL_1044268, EPI_ISL_1044269, EPI_ISL_1044270, EPI_ISL_1044271, EPI_ISL_1044273, EPI_ISL_1044274, EPI_ISL_1044275, EPI_ISL_1044276, EPI_ISL_1044277, EPI_ISL_1044278, EPI_ISL_1044279, EPI_ISL_1044280, EPI_ISL_1044281, EPI_ISL_1044282, EPI_ISL_1044283, EPI_ISL_1044284, EPI_ISL_1044285, EPI_ISL_1044286, EPI_ISL_1044287, EPI_ISL_1044288, EPI_ISL_1044289, EPI_ISL_1044290, EPI_ISL_1044291, EPI_ISL_1044292, EPI_ISL_1044293, EPI_ISL_1044294, EPI_ISL_1044295, EPI_ISL_1044296, EPI_ISL_1044297, EPI_ISL_1044298, EPI_ISL_1044299, EPI_ISL_1044300, EPI_ISL_1044301, EPI_ISL_1044302, EPI_ISL_1044303, EPI_ISL_1044304, EPI_ISL_1044305, EPI_ISL_1044306, EPI_ISL_1044307, EPI_ISL_1044308, EPI_ISL_1044309, EPI_ISL_1044310, EPI_ISL_1044311, EPI_ISL_1044312, EPI_ISL_1044313, EPI_ISL_1044314, EPI_ISL_1044315, EPI_ISL_1044316, EPI_ISL_1044317, EPI_ISL_1044318, EPI_ISL_1044319, EPI_ISL_1044320, EPI_ISL_1044321, EPI_ISL_1044322, EPI_ISL_1044323, EPI_ISL_1044324, EPI_ISL_1044325, EPI_ISL_1044326, EPI_ISL_1044327, EPI_ISL_1044328, EPI_ISL_1044329, EPI_ISL_1044330, EPI_ISL_1044331, EPI_ISL_1044332, EPI_ISL_1044333, EPI_ISL_1044334, EPI_ISL_1044335, EPI_ISL_1044336, EPI_ISL_1044337, EPI_ISL_1044338, EPI_ISL_1044339, EPI_ISL_1044340, EPI_ISL_1044341, EPI_ISL_1044342, EPI_ISL_1044343, EPI_ISL_1044344, EPI_ISL_1044345, EPI_ISL_1044346, EPI_ISL_1044347, EPI_ISL_1044348, EPI_ISL_1044349, EPI_ISL_1044350, EPI_ISL_1044351, EPI_ISL_1044352, EPI_ISL_1044353, EPI_ISL_1044354, EPI_ISL_1044355, EPI_ISL_1044356, EPI_ISL_1044357, EPI_ISL_1044358, EPI_ISL_1044359, EPI_ISL_1044360, EPI_ISL_1044361, EPI_ISL_1044362, EPI_ISL_1044363, EPI_ISL_1044364, EPI_ISL_1044365, EPI_ISL_1044366, EPI_ISL_1044367, EPI_ISL_1044368, EPI_ISL_1044369, EPI_ISL_1044370, EPI_ISL_1044371, EPI_ISL_1044372, EPI_ISL_1044373, EPI_ISL_1044374, EPI_ISL_1044375, EPI_ISL_1044376, EPI_ISL_1044377, EPI_ISL_1044378, EPI_ISL_1044379, EPI_ISL_1044380				
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_1044398, EPI_ISL_1044416, EPI_ISL_1044419, EPI_ISL_1044432, EPI_ISL_1044441, EPI_ISL_1044445, EPI_ISL_1044446, EPI_ISL_1044447, EPI_ISL_1044453, EPI_ISL_1044456, EPI_ISL_1044467, EPI_ISL_1044474, EPI_ISL_1044484, EPI_ISL_1044488, EPI_ISL_1044496, EPI_ISL_1044509, EPI_ISL_1044518, EPI_ISL_1044524, EPI_ISL_1044527, EPI_ISL_1044534, EPI_ISL_1044535, EPI_ISL_1044551, EPI_ISL_1044558, EPI_ISL_1044572, EPI_ISL_1044575, EPI_ISL_1044578, EPI_ISL_1044581, EPI_ISL_1044582, EPI_ISL_1044583, EPI_ISL_1044584, EPI_ISL_1044585, EPI_ISL_1044587, EPI_ISL_1044594, EPI_ISL_1044596, EPI_ISL_1044598, EPI_ISL_1044622, EPI_ISL_1044634, EPI_ISL_1044638, EPI_ISL_1044649, EPI_ISL_1044656, EPI_ISL_1044662, EPI_ISL_1044665, EPI_ISL_1044681, EPI_ISL_1044686, EPI_ISL_1044718, EPI_ISL_1044720, EPI_ISL_1044724				
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, 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_1044725, EPI_ISL_1044726, EPI_ISL_1044727, EPI_ISL_1044728, EPI_ISL_1044730, EPI_ISL_1044731, EPI_ISL_1044732, EPI_ISL_1044733, EPI_ISL_1044734, EPI_ISL_1044735, EPI_ISL_1044736, EPI_ISL_1044737, EPI_ISL_1044738, EPI_ISL_1044739, EPI_ISL_1044740, EPI_ISL_1044741, EPI_ISL_1044742, EPI_ISL_1044743, EPI_ISL_1044744, EPI_ISL_1044745, EPI_ISL_1044746, EPI_ISL_1044747, EPI_ISL_1044748, EPI_ISL_1044749, EPI_ISL_1044750, EPI_ISL_1044751, EPI_ISL_1044752, EPI_ISL_1044753, EPI_ISL_1044754, EPI_ISL_1044755, EPI_ISL_1044756, EPI_ISL_1044757, EPI_ISL_1044758, EPI_ISL_1044759, EPI_ISL_1044760, EPI_ISL_1044761, EPI_ISL_1044762, EPI_ISL_1044763, EPI_ISL_1044764, EPI_ISL_1044765, EPI_ISL_1044766, EPI_ISL_1044767, EPI_ISL_1044768, EPI_ISL_1044769, EPI_ISL_1044770, EPI_ISL_1044771, EPI_ISL_1044772, EPI_ISL_1044773, EPI_ISL_1044774, EPI_ISL_1044775, EPI_ISL_1044776, EPI_ISL_1044777, EPI_ISL_1044778, EPI_ISL_1044779, EPI_ISL_1044780, EPI_ISL_1044781, EPI_ISL_1044782, EPI_ISL_1044783, EPI_ISL_1044784, EPI_ISL_1044785, EPI_ISL_1044786, EPI_ISL_1044787, EPI_ISL_1044788, EPI_ISL_1044789, EPI_ISL_1044790, EPI_ISL_1044791, EPI_ISL_1044792, EPI_ISL_1044793, EPI_ISL_1044794, EPI_ISL_1044795, EPI_ISL_1044796, EPI_ISL_1044797, EPI_ISL_1044798, EPI_ISL_1044799, EPI_ISL_1044800, EPI_ISL_1044801, EPI_ISL_1044802, EPI_ISL_1044803, EPI_ISL_1044804, EPI_ISL_1044805, EPI_ISL_1044806, EPI_ISL_1044807, EPI_ISL_1044808, EPI_ISL_1044809, EPI_ISL_1044810, EPI_ISL_1044811, EPI_ISL_1044812, EPI_ISL_1044813, EPI_ISL_1044814, EPI_ISL_1044815, EPI_ISL_1044816, EPI_ISL_1044817, EPI_ISL_1044818, EPI_ISL_1044819, EPI_ISL_1044820, EPI_ISL_1044821, EPI_ISL_1044822, EPI_ISL_1044823, EPI_ISL_1044824, EPI_ISL_1044825, EPI_ISL_1044826, EPI_ISL_1044827, EPI_ISL_1044828, EPI_ISL_1044829, EPI_ISL_1044830, EPI_ISL_1044831, EPI_ISL_1044832, EPI_ISL_1044833, EPI_ISL_1044834, EPI_ISL_1044835, EPI_ISL_1044837, EPI_ISL_1044838, EPI_ISL_1044839, EPI_ISL_1044840, EPI_ISL_1044841, EPI_ISL_1044842, EPI_ISL_1044843, EPI_ISL_1044844, EPI_ISL_1044845, EPI_ISL_1044846, EPI_ISL_1044847, EPI_ISL_1044848, EPI_ISL_1044849, EPI_ISL_1044850, EPI_ISL_1044851, EPI_ISL_1044852, EPI_ISL_1044853, EPI_ISL_1044854, EPI_ISL_1044855, EPI_ISL_1044856, EPI_ISL_1044857, EPI_ISL_1044858, EPI_ISL_1044859, EPI_ISL_1044860, EPI_ISL_1044861, EPI_ISL_1044862, EPI_ISL_1044863				
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_1044865, EPI_ISL_1044866, EPI_ISL_1044867, EPI_ISL_1044868, EPI_ISL_1044869, EPI_ISL_1044870, EPI_ISL_1044872, EPI_ISL_1044873, EPI_ISL_1044874, EPI_ISL_1044875, EPI_ISL_1044876, EPI_ISL_1044877, EPI_ISL_1044878, EPI_ISL_1044879, EPI_ISL_1044880, EPI_ISL_1044881, EPI_ISL_1044882, EPI_ISL_1044883, EPI_ISL_1044884, EPI_ISL_1044885, EPI_ISL_1044886, EPI_ISL_1044887, EPI_ISL_1044888, EPI_ISL_1044889, EPI_ISL_1044890, EPI_ISL_1044891, EPI_ISL_1044892, EPI_ISL_1044893, EPI_ISL_1044894, EPI_ISL_1044895, EPI_ISL_1044896, EPI_ISL_1044897, EPI_ISL_1044898, EPI_ISL_1044899, EPI_ISL_1044900, EPI_ISL_1044901, EPI_ISL_1044902, EPI_ISL_1044903, EPI_ISL_1044904, EPI_ISL_1044905, EPI_ISL_1044906, EPI_ISL_1044907, EPI_ISL_1044911, EPI_ISL_1044912, EPI_ISL_1044913, EPI_ISL_1044914, EPI_ISL_1044915, EPI_ISL_1044916, EPI_ISL_1044917, EPI_ISL_1044918, EPI_ISL_1044919, EPI_ISL_1044920, EPI_ISL_1044921, EPI_ISL_1044922, EPI_ISL_1044923, EPI_ISL_1044924, EPI_ISL_1044925, EPI_ISL_1044926, EPI_ISL_1044927, EPI_ISL_1044928, EPI_ISL_1044929, EPI_ISL_1044930, EPI_ISL_1044931, EPI_ISL_1044932, EPI_ISL_1044933, EPI_ISL_1044934, EPI_ISL_1044935, EPI_ISL_1044936, EPI_ISL_1044937, EPI_ISL_1044938, EPI_ISL_1044939, EPI_ISL_1044941, EPI_ISL_1044942, EPI_ISL_1044943, EPI_ISL_1044944, EPI_ISL_1044945, EPI_ISL_1044946, EPI_ISL_1044947, EPI_ISL_1044948, EPI_ISL_1044949, EPI_ISL_1044950, EPI_ISL_1044951, EPI_ISL_1044952, EPI_ISL_1044953, EPI_ISL_1044954, EPI_IS				

EPI_ISL_1045017, EPI_ISL_1045018, EPI_ISL_1045019, EPI_ISL_1045020, EPI_ISL_1045021, EPI_ISL_1045022, EPI_ISL_1045023, EPI_ISL_1045024, EPI_ISL_1045025, EPI_ISL_1045028, EPI_ISL_1045029, EPI_ISL_1045030, EPI_ISL_1045031, EPI_ISL_1045032, EPI_ISL_1045033, EPI_ISL_1045034, EPI_ISL_1045035, EPI_ISL_1045036, EPI_ISL_1045037, EPI_ISL_1045038, EPI_ISL_1045039, EPI_ISL_1045040, EPI_ISL_1045041, EPI_ISL_1045042, EPI_ISL_1045044, EPI_ISL_1045045, EPI_ISL_1045046, EPI_ISL_1045047, EPI_ISL_1045048, EPI_ISL_1045051, EPI_ISL_1045052, EPI_ISL_1045053, EPI_ISL_1045054, EPI_ISL_1045055, EPI_ISL_1045056, EPI_ISL_1045057, EPI_ISL_1045058, EPI_ISL_1045059, EPI_ISL_1045060, EPI_ISL_1045062, EPI_ISL_1045063, EPI_ISL_1045064, EPI_ISL_1045065, EPI_ISL_1045066, EPI_ISL_1045067, EPI_ISL_1045068, EPI_ISL_1045069, EPI_ISL_1045070, EPI_ISL_1045071, EPI_ISL_1045072, EPI_ISL_1045073, EPI_ISL_1045074, EPI_ISL_1045075, EPI_ISL_1045077, EPI_ISL_1045078, EPI_ISL_1045079, EPI_ISL_1045080, EPI_ISL_1045081, EPI_ISL_1045083, EPI_ISL_1045084, EPI_ISL_1045085, EPI_ISL_1045086, EPI_ISL_1045087, EPI_ISL_1045089, EPI_ISL_1045090, EPI_ISL_1045091, EPI_ISL_1045092, EPI_ISL_1045093, EPI_ISL_1045094, EPI_ISL_1045095, EPI_ISL_1045096, EPI_ISL_1045097, EPI_ISL_1045098, EPI_ISL_1045099, EPI_ISL_1045100, EPI_ISL_1045101, EPI_ISL_1045102, EPI_ISL_1045103, EPI_ISL_1045104, EPI_ISL_1045105, EPI_ISL_1045106, EPI_ISL_1045107, EPI_ISL_1045108, EPI_ISL_1045109, EPI_ISL_1045110, EPI_ISL_1045111, EPI_ISL_1045112, EPI_ISL_1045113, EPI_ISL_1045114, EPI_ISL_1045115, EPI_ISL_1045116, EPI_ISL_1045117, EPI_ISL_1045118, EPI_ISL_1045119, EPI_ISL_1045120, EPI_ISL_1045121, EPI_ISL_1045122, EPI_ISL_1045123, EPI_ISL_1045124, EPI_ISL_1045126, EPI_ISL_1045127, EPI_ISL_1045128, EPI_ISL_1045130, EPI_ISL_1045131, EPI_ISL_1045132, EPI_ISL_1045134, EPI_ISL_1045135, EPI_ISL_1045136, EPI_ISL_1045137, EPI_ISL_1045139, EPI_ISL_1045142, EPI_ISL_1045143, EPI_ISL_1045144, EPI_ISL_1045145, EPI_ISL_1045147, EPI_ISL_1045148, EPI_ISL_1045149, EPI_ISL_1045150, EPI_ISL_1045152, EPI_ISL_1045153, EPI_ISL_1045154, EPI_ISL_1045155, EPI_ISL_1045156, EPI_ISL_1045157, EPI_ISL_1045159, EPI_ISL_1045160, EPI_ISL_1045161, EPI_ISL_1045162, EPI_ISL_1045164, EPI_ISL_1045166, EPI_ISL_1045167, EPI_ISL_1045168, EPI_ISL_1045169, EPI_ISL_1045171, EPI_ISL_1045172, EPI_ISL_1045173, EPI_ISL_1045174, EPI_ISL_1045175, EPI_ISL_1045176, EPI_ISL_1045177, EPI_ISL_1045178, EPI_ISL_1045179, EPI_ISL_1045181, EPI_ISL_1045182, EPI_ISL_1045184, EPI_ISL_1045185, EPI_ISL_1045186, EPI_ISL_1045188, EPI_ISL_1045189, EPI_ISL_1045190, EPI_ISL_1045191, EPI_ISL_1045192, EPI_ISL_1045193, EPI_ISL_1045194, EPI_ISL_1045195, EPI_ISL_1045196, EPI_ISL_1045197	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, 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_1045473, EPI_ISL_1045478, EPI_ISL_1045485, EPI_ISL_1045491, EPI_ISL_1045492, EPI_ISL_1045495, EPI_ISL_1045496, EPI_ISL_1045498, EPI_ISL_1045499, EPI_ISL_1045501, EPI_ISL_1045504, EPI_ISL_1045506, EPI_ISL_1045507, EPI_ISL_1045512, EPI_ISL_1045518, EPI_ISL_1045528, EPI_ISL_1045529, EPI_ISL_1045533, EPI_ISL_1045535, EPI_ISL_1045536, EPI_ISL_1045539, EPI_ISL_1045546, EPI_ISL_1045547, EPI_ISL_1045550, EPI_ISL_1045554, EPI_ISL_1045555, EPI_ISL_1045556, EPI_ISL_1045557, EPI_ISL_1045561, EPI_ISL_1045574, EPI_ISL_1045575, EPI_ISL_1045586, EPI_ISL_1045587, EPI_ISL_1045589, EPI_ISL_1045596, EPI_ISL_1045597, EPI_ISL_1045599, EPI_ISL_1045602, EPI_ISL_1045605, EPI_ISL_1045607, EPI_ISL_1045612, EPI_ISL_1045613, EPI_ISL_1045616, EPI_ISL_1045618, EPI_ISL_1045619, EPI_ISL_1045623, EPI_ISL_1045626, EPI_ISL_1045632, EPI_ISL_1045633, EPI_ISL_1045642, EPI_ISL_1045643, EPI_ISL_1045655, EPI_ISL_1045656, EPI_ISL_1045659, EPI_ISL_1045661, EPI_ISL_1045662, EPI_ISL_1045664, EPI_ISL_1045667, EPI_ISL_1045668, EPI_ISL_1045671, EPI_ISL_1045673	see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, 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_1045682, EPI_ISL_1045683, EPI_ISL_1045684, EPI_ISL_1045685, EPI_ISL_1045686, EPI_ISL_1045687, EPI_ISL_1045688, EPI_ISL_1045689, EPI_ISL_1045691, EPI_ISL_1045692, EPI_ISL_1045693, EPI_ISL_1045694, EPI_ISL_1045695, EPI_ISL_1045696, EPI_ISL_1045699, EPI_ISL_1045701, EPI_ISL_1045702, EPI_ISL_1045703, EPI_ISL_1045704, EPI_ISL_1045706, EPI_ISL_1045708, EPI_ISL_1045727, EPI_ISL_1045728, EPI_ISL_1045730, EPI_ISL_1045733, EPI_ISL_1045747, EPI_ISL_1045751, EPI_ISL_1045755, EPI_ISL_1045757, EPI_ISL_1045761, EPI_ISL_1045777, EPI_ISL_1045778, EPI_ISL_1045788, EPI_ISL_1045812, EPI_ISL_1045815, EPI_ISL_1045819, EPI_ISL_1045820, EPI_ISL_1045822, EPI_ISL_1045831, EPI_ISL_1045831, EPI_ISL_1045842, EPI_ISL_1045845, EPI_ISL_1045846, EPI_ISL_1045848, EPI_ISL_1045850, EPI_ISL_1045853, EPI_ISL_1045854, EPI_ISL_1045870, EPI_ISL_1045872, EPI_ISL_1045877, EPI_ISL_1045878, EPI_ISL_1045884, EPI_ISL_1045887, EPI_ISL_1045890, EPI_ISL_1045893, EPI_ISL_1045896, EPI_ISL_1045897, EPI_ISL_1045899, EPI_ISL_1045901, EPI_ISL_1045903, EPI_ISL_1045907, EPI_ISL_1045908, EPI_ISL_1045920, EPI_ISL_1045924, EPI_ISL_1045927, EPI_ISL_1045931, EPI_ISL_1045939, EPI_ISL_1045945, EPI_ISL_1045947, EPI_ISL_1045955, EPI_ISL_1045967	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_1046762, EPI_ISL_1046763, EPI_ISL_1046764, EPI_ISL_1046765	EPI_ISL_1046953, EPI_ISL_1046954, EPI_ISL_1046955	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, Koichi Ishikawa, Midori Nakamura-Hoshi, Shigeru Kusagawa, Makoto Kuroda
EPI_ISL_1046953, EPI_ISL_1046954, EPI_ISL_1046955		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_1047094, EPI_ISL_1047097, EPI_ISL_1047098, EPI_ISL_1047100, EPI_ISL_1047101, EPI_ISL_1047102, EPI_ISL_1047103, EPI_ISL_1047104, EPI_ISL_1047105, EPI_ISL_1047106, EPI_ISL_1047107, EPI_ISL_1047108, EPI_ISL_1047109, EPI_ISL_1047110, EPI_ISL_1047111, EPI_ISL_1047112, EPI_ISL_1047113	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_1047851, EPI_ISL_1047853, EPI_ISL_1047854	EPI_ISL_1047905, EPI_ISL_1047908, EPI_ISL_1047909, EPI_ISL_1047910, EPI_ISL_1047911, EPI_ISL_1047912, EPI_ISL_1047913	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_1047905, EPI_ISL_1047908, EPI_ISL_1047909, EPI_ISL_1047910, EPI_ISL_1047911, EPI_ISL_1047912, EPI_ISL_1047913		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_1048114, EPI_ISL_1048115, EPI_ISL_1048116, EPI_ISL_1048117, EPI_ISL_1048118, EPI_ISL_1048121, EPI_ISL_1048122		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_1048216, EPI_ISL_1048217, EPI_ISL_1048218, EPI_ISL_1048219, EPI_ISL_1048220, EPI_ISL_1048221, EPI_ISL_1048222, EPI_ISL_1048223, EPI_ISL_1048224, EPI_ISL_1048225, EPI_ISL_1048226, EPI_ISL_1048227, EPI_ISL_1048228, EPI_ISL_1048229, EPI_ISL_1048230, EPI_ISL_1048231, EPI_ISL_1048232	see above	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_1048430	EPI_ISL_1049482	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Bada Epidemiologiczno-Klinicznych	Sylvia Krtzowska, Monika Czemiska, Barbara Doliska, Ewa Liszewska, Tomasz Jakubczak, Marta ukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Röycka, Beata Wasiek
EPI_ISL_1049482		MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Ana S. Gonzalez-Reiche, Hala Alshammary, Mitchell J. Sullivan, Brianne Ciferri, Ajay Obla, Angela Amoako, Mahmoud Awawda, Daniel Floda, Julia Matthews, Ashley Salimbangon, Levy Sominsky, Katherine Beach, Kayla Russo, Charles Gleason, Shelcie Fabre, Giulio Kleiner, Zenab Khan, Bremy Alburquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise 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_1050216, EPI_ISL_1050218	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_1050417, EPI_ISL_1050419, EPI_ISL_1050421, EPI_ISL_1050422, EPI_ISL_1050423, EPI_ISL_1050526, EPI_ISL_1050527, EPI_ISL_1050528, EPI_ISL_1050557, EPI_ISL_1050558, EPI_ISL_1050559, EPI_ISL_1050560		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_1050703, EPI_ISL_1050950		Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1051027	EPI_ISL_1051176	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, Jayne Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusri Taha, Gary Eltringham
EPI_ISL_1051176		Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1051413, EPI_ISL_1051414, EPI_ISL_1051415, EPI_ISL_1051416, EPI_ISL_1051417, EPI_ISL_1051418	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_1051564, EPI_ISL_1051565, EPI_ISL_1051566, EPI_ISL_1051567, EPI_ISL_1051568, EPI_ISL_1051569, EPI_ISL_1051570, EPI_ISL_1051571, EPI_ISL_1051572, EPI_ISL_1051573, EPI_ISL_1051574, EPI_ISL_1051575, EPI_ISL_1051576, EPI_ISL_1051577, EPI_ISL_1051578, EPI_ISL_1051579, EPI_ISL_1051580, EPI_ISL_1051581, EPI_ISL_1051583, EPI_ISL_1051586, EPI_ISL_1051587	see above	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 Tsoileridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1053111, EPI_ISL_1053151, EPI_ISL_1053152, EPI_ISL_1053153, EPI_ISL_1053154, EPI_ISL_1053155, EPI_ISL_1053156, EPI_ISL_1053242, EPI_ISL_1053243, EPI_ISL_1053247, EPI_ISL_1053248, EPI_ISL_1053251, EPI_ISL_1053252, EPI_ISL_1053259, EPI_ISL_1053290, EPI_ISL_1053291, EPI_ISL_1053292, EPI_ISL_1053293, EPI_ISL_1053295, EPI_ISL_1053296, EPI_ISL_1053298, EPI_ISL_1053299, EPI_ISL_1053300, EPI_ISL_1053301, EPI_ISL_1053302, EPI_ISL_1053303, EPI_ISL_1053304, EPI_ISL_1053305, EPI_ISL_1053307, EPI_ISL_1053308, EPI_ISL_1053310, EPI_ISL_1053311, EPI_ISL_1053312, EPI_ISL_1053313, EPI_ISL_1053315, EPI_ISL_1053320, EPI_ISL_1053321, EPI_ISL_1053329, EPI_ISL_1053330, EPI_ISL_1053332, EPI_ISL_1053334, EPI_ISL_1053335, EPI_ISL_1053338, EPI_ISL_1053339, EPI_ISL_1053340, EPI_ISL_1053343, EPI_ISL_1053345, EPI_ISL_1053346, EPI_ISL_1053347, EPI_ISL_1053349, EPI_ISL_1053353, EPI_ISL_1053354, EPI_ISL_1053355, EPI_ISL_1053356, EPI_ISL_1053358, EPI_ISL_1053359, EPI_ISL_1053361, EPI_ISL_1053362, EPI_ISL_1053363, EPI_ISL_1053365, EPI_ISL_1053366, EPI_ISL_1053367, EPI_ISL_1053368, EPI_ISL_1053369, EPI_ISL_1053371, EPI_ISL_1053372, EPI_ISL_1053374, EPI_ISL_1053375, EPI_ISL_1053376, EPI_ISL_1053378, EPI_ISL_1053379, EPI_ISL_1053381, EPI_ISL_1053382, EPI_ISL_1053383, EPI_ISL_1053384, EPI_ISL_1053385, EPI_ISL_1053386, EPI_ISL_1053390, EPI_ISL_1053392, EPI_ISL_1053393, EPI_ISL_1053396, EPI_ISL_1053397, EPI_ISL_1053400, EPI_ISL_1053403, EPI_ISL_1053406, EPI_ISL_1053407, EPI_ISL_1053408, EPI_ISL_1053416, EPI_ISL_1053420, EPI_ISL_1053422, EPI_ISL_1053425, EPI_ISL_1053430, EPI_ISL_1053441, EPI_ISL_1053443, EPI_ISL_1053445, EPI_ISL_1053447, EPI_ISL_1053450, EPI_ISL_1053452, EPI_ISL_1053455, EPI_ISL_1053457, EPI_ISL_1053462, EPI_ISL_1053464, EPI_ISL_1053465, EPI_ISL_1053467, EPI_ISL_1053469, EPI_ISL_1053471, EPI_ISL_1053472, EPI_ISL_1053478, EPI_ISL_1053479, EPI_ISL_1053480, EPI_ISL_1053484, EPI_ISL_1053485, EPI_ISL_1053486, EPI_ISL_1053487, EPI_ISL_1053488, EPI_ISL_1053664, EPI_ISL_1053679	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_1053751, EPI_ISL_1053752, EPI_ISL_1053753, EPI_ISL_1053896, EPI_ISL_1053915, EPI_ISL_1053916, EPI_ISL_1053922, EPI_ISL_1053923, EPI_ISL_1053926		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_1054626, EPI_ISL_1054635, EPI_ISL_1054645, EPI_ISL_1054646, EPI_ISL_1054648, EPI_ISL_1054651, EPI_ISL_1054652, EPI_ISL_1054653, EPI_ISL_1054657, EPI_ISL_1054661, EPI_ISL_1054663, EPI_ISL_1054671, EPI_ISL_1054672, EPI_ISL_1054683, EPI_ISL_1054684, EPI_ISL_1054689, EPI_ISL_1054690, EPI_ISL_1054691, EPI_ISL_1054694, EPI_ISL_1054696, EPI_ISL_1054698, EPI_ISL_1054702, EPI_ISL_1054705, EPI_ISL_1054707, EPI_ISL_1054708, EPI_ISL_1054709	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 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_1054797, EPI_ISL_1054800, EPI_ISL_1054802, EPI_ISL_1054808		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_1054892, EPI_ISL_1054906		North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1055088		National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1056601, EPI_ISL_1056602, EPI_ISL_1056603, EPI_ISL_1056604, EPI_ISL_1056605, EPI_ISL_1056606, EPI_ISL_1056609		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_1057107, EPI_ISL_1057108, EPI_ISL_1057109, EPI_ISL_1057110, EPI_ISL_1057111, EPI_ISL_1057112, EPI_ISL_1057113, EPI_ISL_1057115, EPI_ISL_1057116, EPI_ISL_1057117, EPI_ISL_1057118, EPI_ISL_1057119, EPI_ISL_1057120, EPI_ISL_1057123, EPI_ISL_1057124, EPI_ISL_1057126, EPI_ISL_1057129, EPI_ISL_1057130, EPI_ISL_1057131, EPI_ISL_1057132, EPI_ISL_1057133, EPI_ISL_1057134, EPI_ISL_1057135, EPI_ISL_1057137, EPI_ISL_1057138, EPI_ISL_1057139, EPI_ISL_1057143, EPI_ISL_1057144, EPI_ISL_1057145, EPI_ISL_1057146, EPI_ISL_1057147, EPI_ISL_1057148, EPI_ISL_1057149, EPI_ISL_1057151, EPI_ISL_1057153, EPI_ISL_1057155, EPI_ISL_1057156, EPI_ISL_1057157, EPI_ISL_1057159, EPI_ISL_1057161, EPI_ISL_1057162, EPI_ISL_1057164, EPI_ISL_1057165, EPI_ISL_1057166, EPI_ISL_1057167, EPI_ISL_1057169, EPI_ISL_1057170, EPI_ISL_1057175, EPI_ISL_1057176, EPI_ISL_1057177, EPI_ISL_1057178, EPI_ISL_1057179, EPI_ISL_1057180, EPI_ISL_1057181, EPI_ISL_1057182, EPI_ISL_1057183, EPI_ISL_1057184, EPI_ISL_1057185, EPI_ISL_1057186, EPI_ISL_1057188, EPI_ISL_1057190, EPI_ISL_1057192, EPI_ISL_1057193, EPI_ISL_1057195, EPI_ISL_1057197, EPI_ISL_1057198, EPI_ISL_1057199, EPI_ISL_1057201, EPI_ISL_1057203, EPI_ISL_1057204, EPI_ISL_1057205, EPI_ISL_1057206, EPI_ISL_1057207, EPI_ISL_1057208, EPI_ISL_1057209, EPI_ISL_1057212, EPI_ISL_1057214, EPI_ISL_1057216, EPI_ISL_1057218, EPI_ISL_1057219, EPI_ISL_1057220, EPI_ISL_1057221, EPI_ISL_1057222, EPI_ISL_1057224, EPI_ISL_1057226, EPI_ISL_1057227, EPI_ISL_1057228, EPI_ISL_1057229, EPI_ISL_1057232, EPI_ISL_1057233, EPI_ISL_1057234, EPI_ISL_1057235, EPI_ISL_1057236, EPI_ISL_1057237, EPI_ISL_1057239, EPI_ISL_1057240, EPI_ISL_1057241, EPI_ISL_1057242, EPI_ISL_1057243, EPI_ISL_1057245, EPI_ISL_1057246, EPI_ISL_1057247, EPI_ISL_1057250, EPI_ISL_1057251, EPI_ISL_1057252	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_1057254		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, 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_1057255, EPI_ISL_1057256, EPI_ISL_1057258, EPI_ISL_1057259, EPI_ISL_1057260, EPI_ISL_1057261, EPI_ISL_1057262, EPI_ISL_1057264, EPI_ISL_1057265, EPI_ISL_1057267, EPI_ISL_1057268, EPI_ISL_1057269, EPI_ISL_1057270, EPI_ISL_1057272, EPI_ISL_1057273, EPI_ISL_1057274, EPI_ISL_1057278, EPI_ISL_1057279, EPI_ISL_1057280, EPI_ISL_1057281, EPI_ISL_1057282, EPI_ISL_1057283, EPI_ISL_1057284, EPI_ISL_1057285, EPI_ISL_1057287, EPI_ISL_1057288, EPI_ISL_1057289, EPI_ISL_1057290, EPI_ISL_1057291, EPI_ISL_1057292, EPI_ISL_1057293, EPI_ISL_1057294, EPI_ISL_1057295, EPI_ISL_1057297, EPI_ISL_1057300, EPI_ISL_1057305, EPI_ISL_1057307, EPI_ISL_1057308, EPI_ISL_1057310, EPI_ISL_1057311, EPI_ISL_1057312, EPI_ISL_1057313, EPI_ISL_1057314, EPI_ISL_1057316, EPI_ISL_1057317, EPI_ISL_1057318, EPI_ISL_1057320, EPI_ISL_1057322, EPI_ISL_1057323, EPI_ISL_1057324, EPI_ISL_1057326, EPI_ISL_1057327, EPI_ISL_1057328, EPI_ISL_1057329, EPI_ISL_1057330, EPI_ISL_1057331, EPI_ISL_1057333, EPI_ISL_1057334, EPI_ISL_1057335, EPI_ISL_1057336	see above	Lighthouse Lab in Milton Keynes	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_1057337		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, 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_1057338, EPI_ISL_1057339, EPI_ISL_1057340, EPI_ISL_1057342, EPI_ISL_1057343, EPI_ISL_1057344, EPI_ISL_1057346, EPI_ISL_1057347, EPI_ISL_1057348, EPI_ISL_1057349, EPI_ISL_1057350, EPI_ISL_1057351, EPI_ISL_1057352, EPI_ISL_1057353, EPI_ISL_1057355, EPI_ISL_1057356, EPI_ISL_1057357, EPI_ISL_1057358, EPI_ISL_1057360, EPI_ISL_1057361, EPI_ISL_1057362, EPI_ISL_1057364, EPI_ISL_1057365, EPI_ISL_1057367, EPI_ISL_1057368, EPI_ISL_1057369, EPI_ISL_1057370, EPI_ISL_1057371, EPI_ISL_1057372, EPI_ISL_1057373, EPI_ISL_1057374, EPI_ISL_1057375, EPI_ISL_1057376, EPI_ISL_1057377, EPI_ISL_1057378, EPI_ISL_1057379, EPI_ISL_1057380, EPI_ISL_1057381, EPI_ISL_1057382, EPI_ISL_1057384, EPI_ISL_1057385, EPI_ISL_1057387, EPI_ISL_1057388, EPI_ISL_1057389, EPI_ISL_1057391, EPI_ISL_1057392, EPI_ISL_1057393, EPI_ISL_1057395, EPI_ISL_1057397, EPI_ISL_1057401, EPI_ISL_1057402, EPI_ISL_1057403, EPI_ISL_1057404, EPI_ISL_1057405, EPI_ISL_1057406, EPI_ISL_1057407, EPI_ISL_1057408, EPI_ISL_1057409, EPI_ISL_1057410, EPI_ISL_1057411, EPI_ISL_1057412, EPI_ISL_1057413, EPI_ISL_1057415, EPI_ISL_1057416, EPI_ISL_1057417, EPI_ISL_1057418, EPI_ISL_1057420, EPI_ISL_1057422, EPI_ISL_1057423, EPI_ISL_1057424, EPI_ISL_1057425	see above	Lighthouse Lab in Milton Keynes	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_1057426		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, 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_1057428		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_1057684, EPI_ISL_1057685, EPI_ISL_1057686, EPI_ISL_1057687, EPI_ISL_1057688, EPI_ISL_1057689, EPI_ISL_1057691, EPI_ISL_1057692, EPI_ISL_1057693, EPI_ISL_1057694, EPI_ISL_1057695, EPI_ISL_1057697, EPI_ISL_1057698, EPI_ISL_1057699, EPI_ISL_1057701, EPI_ISL_1057702, EPI_ISL_1057704, EPI_ISL_1057705, EPI_ISL_1057706, EPI_ISL_1057707, EPI_ISL_1057708, EPI_ISL_1057709, EPI_ISL_1057711, EPI_ISL_1057712, EPI_ISL_1057713, EPI_ISL_1057714, EPI_ISL_1057715, EPI_ISL_1057717, EPI_ISL_1057718, EPI_ISL_1057719, EPI_ISL_1057720, EPI_ISL_1057721, EPI_ISL_1057722, EPI_ISL_1057724, EPI_ISL_1057725	see above	Lighthouse Lab in Alderley Park	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1057819, EPI_ISL_1057820, EPI_ISL_1057821, EPI_ISL_1057822, EPI_ISL_1057823, EPI_ISL_1057824, EPI_ISL_1057825, EPI_ISL_1057826, EPI_ISL_1057827, EPI_ISL_1057828, EPI_ISL_1057829, EPI_ISL_1057830, EPI_ISL_1057831, EPI_ISL_1057832, EPI_ISL_1057833, EPI_ISL_1057834, EPI_ISL_1057835, EPI_ISL_1057836, EPI_ISL_1057837, EPI_ISL_1057838, EPI_ISL_1057839, EPI_ISL_1057841, EPI_ISL_1057842, EPI_ISL_1057843, EPI_ISL_1057844, EPI_ISL_1057845, EPI_ISL_1057846, EPI_ISL_1057847, EPI_ISL_1057848, EPI_ISL_1057849, EPI_ISL_1057850, EPI_ISL_1057851, EPI_ISL_1057852, EPI_ISL_1057853,			

EPI_ISL_1057854, EPI_ISL_1057855, EPI_ISL_1057856, EPI_ISL_1057879, EPI_ISL_1057881, EPI_ISL_1057893, EPI_ISL_1057899, EPI_ISL_1057902, EPI_ISL_1057904, EPI_ISL_1057907, EPI_ISL_1057914, EPI_ISL_1057917, EPI_ISL_1057918, EPI_ISL_1057922, EPI_ISL_1057924, EPI_ISL_1057931, EPI_ISL_1057932, EPI_ISL_1057934, EPI_ISL_1057936, EPI_ISL_1057939, EPI_ISL_1057942, EPI_ISL_1057944, EPI_ISL_1057945, EPI_ISL_1057946, EPI_ISL_1057949, EPI_ISL_1057951, EPI_ISL_1057956, EPI_ISL_1057957, EPI_ISL_1057958, EPI_ISL_1057960, EPI_ISL_1057961, EPI_ISL_1057965, EPI_ISL_1057966, EPI_ISL_1057972, EPI_ISL_1057974, EPI_ISL_1057976, EPI_ISL_1057977, EPI_ISL_1057978			
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_1057983, EPI_ISL_1057985, EPI_ISL_1057988, EPI_ISL_1057990, EPI_ISL_1057992, EPI_ISL_1058001, EPI_ISL_1058002, EPI_ISL_1058003, EPI_ISL_1058004, EPI_ISL_1058006, EPI_ISL_1058007, EPI_ISL_1058008, EPI_ISL_1058014, EPI_ISL_1058015, EPI_ISL_1058016			
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, 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_1058049, EPI_ISL_1058055, EPI_ISL_1058056, EPI_ISL_1058057, EPI_ISL_1058058	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1058059	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 Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1058097, EPI_ISL_1058099, EPI_ISL_1058100, EPI_ISL_1058101, EPI_ISL_1058102, EPI_ISL_1058103, EPI_ISL_1058108, EPI_ISL_1058109, EPI_ISL_1058110, EPI_ISL_1058111	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_1058623, EPI_ISL_1058624, EPI_ISL_1058626, EPI_ISL_1058630, EPI_ISL_1058631, EPI_ISL_1058639, EPI_ISL_1058641, EPI_ISL_1058643, EPI_ISL_1058646, EPI_ISL_1058647, EPI_ISL_1058648			
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_1059029, EPI_ISL_1059030, EPI_ISL_1059033, EPI_ISL_1059052, EPI_ISL_1059053, EPI_ISL_1059054	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1060339	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,Foissaud Vincent
EPI_ISL_1060524, EPI_ISL_1060525, EPI_ISL_1060526, EPI_ISL_1060527, EPI_ISL_1060530	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_1060562	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_1060568, EPI_ISL_1060569	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,Foissaud Vincent
EPI_ISL_1061104, EPI_ISL_1061110, EPI_ISL_1061119, EPI_ISL_1061120, EPI_ISL_1061121, EPI_ISL_1061122, EPI_ISL_1061123, EPI_ISL_1061124, EPI_ISL_1061125, EPI_ISL_1061127, EPI_ISL_1061128, EPI_ISL_1061130, EPI_ISL_1061208, EPI_ISL_1061209, EPI_ISL_1061210, EPI_ISL_1061252, EPI_ISL_1061253, EPI_ISL_1061254, EPI_ISL_1061255, EPI_ISL_1061256, EPI_ISL_1061257, EPI_ISL_1061258, EPI_ISL_1061259			
see above	Istituto Zooprofilattico Sperimentale del Mezzogiorno (IZSM)	Telethon Institute of Genetics and Medicine (TIGEM)	Antonio Grimaldi, Patrizia Annunziata, Francesco Panariello, Biancamaria Pierri, Valentina Bouche, Chiara Colantuono, Maria Concetta Cuomo, Denise Di Concilio, Lucio Di Filippo, Anna Manfredi, Marcello Salvi, Antonio Limone, Pellegrino Cerino, Andrea Ballabio, Davide Cacchiarelli
EPI_ISL_1061661, EPI_ISL_1061674, EPI_ISL_1061687	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_1061697, EPI_ISL_1061698, EPI_ISL_1061699, EPI_ISL_1061703, EPI_ISL_1061707, EPI_ISL_1061708, EPI_ISL_1061710, EPI_ISL_1061711, EPI_ISL_1061716, EPI_ISL_1061719, EPI_ISL_1061723, EPI_ISL_1061728, EPI_ISL_1061730, EPI_ISL_1061731, EPI_ISL_1061733, EPI_ISL_1061740, EPI_ISL_1061747, EPI_ISL_1061753, EPI_ISL_1061756, EPI_ISL_1061757, EPI_ISL_1061760, EPI_ISL_1061762, EPI_ISL_1061764, EPI_ISL_1061765, EPI_ISL_1061767, EPI_ISL_1061770, EPI_ISL_1061775, EPI_ISL_1061776, EPI_ISL_1061780, EPI_ISL_1061781, EPI_ISL_1061782, EPI_ISL_1061787, EPI_ISL_1061788, EPI_ISL_1061790, EPI_ISL_1061793, EPI_ISL_1061796, EPI_ISL_1061799, EPI_ISL_1061801, EPI_ISL_1061803, EPI_ISL_1061807, EPI_ISL_1061812, EPI_ISL_1061814, EPI_ISL_1061816, EPI_ISL_1061820, EPI_ISL_1061823, EPI_ISL_1061827, EPI_ISL_1061831, EPI_ISL_1061832, EPI_ISL_1061833, EPI_ISL_1061838, EPI_ISL_1061840, EPI_ISL_1061847, EPI_ISL_1061848, EPI_ISL_1061849, EPI_ISL_1061853, EPI_ISL_1061854, EPI_ISL_1061856, EPI_ISL_1061859, EPI_ISL_1061862, EPI_ISL_1061865, EPI_ISL_1061871, EPI_ISL_1061874, EPI_ISL_1061875, EPI_ISL_1061876, EPI_ISL_1061880, EPI_ISL_1061882, EPI_ISL_1061883, EPI_ISL_1061884, EPI_ISL_1061885, EPI_ISL_1061889, EPI_ISL_1061892, EPI_ISL_1061897, EPI_ISL_1061905, EPI_ISL_1061909, EPI_ISL_1061911, EPI_ISL_1061919, EPI_ISL_1061920, EPI_ISL_1061927, EPI_ISL_1061930, EPI_ISL_1061932, EPI_ISL_1061933, EPI_ISL_1061937, EPI_ISL_1061938, EPI_ISL_1061943, EPI_ISL_1061945, EPI_ISL_1061947, EPI_ISL_1061949, EPI_ISL_1061954, EPI_ISL_1061956, EPI_ISL_1061959, EPI_ISL_1061964, EPI_ISL_1061967, EPI_ISL_1061975, EPI_ISL_1061979, EPI_ISL_1061984, EPI_ISL_1061986, EPI_ISL_1061988, EPI_ISL_1061992, EPI_ISL_1061993, EPI_ISL_1061994, EPI_ISL_1061995, EPI_ISL_1062000, EPI_ISL_1062003, EPI_ISL_1062004, EPI_ISL_1062011, EPI_ISL_1062017, EPI_ISL_1062023, EPI_ISL_1062029, EPI_ISL_1062039, EPI_ISL_1062040, EPI_ISL_1062043, EPI_ISL_1062050, EPI_ISL_1062052, EPI_ISL_1062053, EPI_ISL_1062054, EPI_ISL_1062055, EPI_ISL_1062056, EPI_ISL_1062057, EPI_ISL_1062058			
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, 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_1062059, EPI_ISL_1062061, EPI_ISL_1062063, EPI_ISL_1062067, EPI_ISL_1062073, EPI_ISL_1062080, EPI_ISL_1062082, EPI_ISL_1062084, EPI_ISL_1062086, EPI_ISL_1062087, EPI_ISL_1062095, EPI_ISL_1062101, EPI_ISL_1062103, EPI_ISL_1062106, EPI_ISL_1062108, EPI_ISL_1062113, EPI_ISL_1062115, EPI_ISL_1062118, EPI_ISL_1062119, EPI_ISL_1062120, EPI_ISL_1062122, EPI_ISL_1062125, EPI_ISL_1062127, EPI_ISL_1062130, EPI_ISL_1062131, EPI_ISL_1062132, EPI_ISL_1062135, EPI_ISL_1062138, EPI_ISL_1062140, EPI_ISL_1062147, EPI_ISL_1062162, EPI_ISL_1062163, EPI_ISL_1062165, EPI_ISL_1062170, EPI_ISL_1062171, EPI_ISL_1062172, EPI_ISL_1062173, EPI_ISL_1062185, EPI_ISL_1062200, EPI_ISL_1062202, EPI_ISL_1062203, EPI_ISL_1062205, EPI_ISL_1062216, EPI_ISL_1062219, EPI_ISL_1062222, EPI_ISL_1062225, EPI_ISL_1062234, EPI_ISL_1062239, EPI_ISL_1062241, EPI_ISL_1062248, EPI_ISL_1062254, EPI_ISL_1062255, EPI_ISL_1062258, EPI_ISL_1062262, EPI_ISL_1062269, EPI_ISL_1062273, EPI_ISL_1062277, EPI_ISL_1062280, EPI_ISL_1062285, EPI_ISL_1062288, EPI_ISL_1062289, EPI_ISL_1062290, EPI_ISL_1062291, EPI_ISL_1062294, EPI_ISL_1062300, EPI_ISL_1062301, EPI_ISL_1062302, EPI_ISL_1062305, EPI_ISL_1062307, EPI_ISL_1062308, EPI_ISL_1062313, EPI_ISL_1062314, EPI_ISL_1062315, EPI_ISL_1062316, EPI_ISL_1062322, EPI_ISL_1062327, EPI_ISL_1062334, EPI_ISL_1062336, EPI_ISL_1062340, EPI_ISL_1062346, EPI_ISL_1062349, EPI_ISL_1062350, EPI_ISL_1062355, EPI_ISL_1062363, EPI_ISL_1062364, EPI_ISL_1062367, EPI_ISL_1062370, EPI_ISL_1062373, EPI_ISL_1062383, EPI_ISL_1062391, EPI_ISL_1062396, EPI_ISL_1062404, EPI_ISL_1062408, EPI_ISL_1062410, EPI_ISL_1062411, EPI_ISL_1062414, EPI_ISL_1062415, EPI_ISL_1062417, EPI_ISL_1062418, EPI_ISL_1062420, EPI_ISL_1062439, EPI_ISL_1062450, EPI_ISL_1062456, EPI_ISL_1062457, EPI_ISL_1062460, EPI_ISL_1062464, EPI_ISL_1062473, EPI_ISL_1062477, EPI_ISL_1062495, EPI_ISL_1062496, EPI_ISL_1062498, EPI_ISL_1062503, EPI_ISL_1062504, EPI_ISL_1062508, EPI_ISL_1062509, EPI_ISL_1062529, EPI_ISL_1062535, EPI_ISL_1062540, EPI_ISL_1062541, EPI_ISL_1062548, EPI_ISL_1062552, EPI_ISL_1062554, EPI_ISL_1062569, EPI_ISL_1062572, EPI_ISL_1062573, EPI_ISL_1062584, EPI_ISL_1062593, EPI_ISL_1062606, EPI_ISL_1062613, EPI_ISL_1062617, EPI_ISL_1062624, EPI_ISL_1062625, EPI_ISL_1062632, EPI_ISL_1062638, EPI_ISL_1062640, EPI_ISL_1062643, EPI_ISL_1062647, EPI_ISL_1062651, EPI_ISL_1062667, EPI_ISL_1062675, EPI_ISL_1062692, EPI_ISL_1062694, EPI_ISL_1062707, EPI_ISL_1062734, EPI_ISL_1062740, EPI_ISL_1062741, EPI_ISL_1062743, EPI_ISL_1062747, EPI_ISL_1062753, EPI_ISL_1062755, EPI_ISL_1062769, EPI_ISL_1062795, EPI_ISL_1062805, EPI_ISL_1062812, EPI_ISL_1062826, EPI_ISL_1062848, EPI_ISL_1062850, EPI_ISL_1062857, EPI_ISL_1062858, EPI_ISL_1062863, EPI_ISL_1062868, EPI_ISL_1062872, EPI_ISL_1062897, EPI_ISL_1062914, EPI_ISL_1062928, EPI_ISL_1062931, EPI_ISL_1062954, EPI_ISL_1062957, EPI_ISL_1062975, EPI_ISL_1062979, EPI_ISL_1063009			
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_1063016, EPI_ISL_1063018, EPI_ISL_1063019, EPI_ISL_1063021, EPI_ISL_1063022, EPI_ISL_1063023, EPI_ISL_1063025, EPI_ISL_1063026, EPI_ISL_1063027, EPI_ISL_1063028, EPI_ISL_1063029, EPI_ISL_1063030, EPI_ISL_1063031, EPI_ISL_1063035, EPI_ISL_1063036, EPI_ISL_1063037, EPI_ISL_1063038, EPI_ISL_1063039, EPI_ISL_1063040, EPI_ISL_1063041, EPI_ISL_1063042, EPI_ISL_1063043, EPI_ISL_1063044, EPI_ISL_1063045			
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, 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_1063048, EPI_ISL_1063049, EPI_ISL_1063050, EPI_ISL_1063051, EPI_ISL_1063052, EPI_ISL_1063058, EPI_ISL_1063063, EPI_ISL_1063082, EPI_ISL_1063087, EPI_ISL_1063101, EPI_ISL_1063288, EPI_ISL_1063290, EPI_ISL_1063291, EPI_ISL_1063294, EPI_ISL_1063299, EPI_ISL_1063300, EPI_ISL_1063301, EPI_ISL_1063302, EPI_ISL_1063303, EPI_ISL_1063304, EPI_ISL_1063305, EPI_ISL_1063306, EPI_ISL_1063308, EPI_ISL_1063309, EPI_ISL_1063314, EPI_ISL_1063315, EPI_ISL_1063316, EPI_ISL_1063318, EPI_ISL_1063319, EPI_ISL_1063320, EPI_ISL_1063321, EPI_ISL_1063325, EPI_ISL_1063328, EPI_ISL_1063329, EPI_ISL_1063330, EPI_ISL_1063332, EPI_ISL_1063333, EPI_ISL_1063335, EPI_ISL_1063336, EPI_ISL_1063337, EPI_ISL_1063339, EPI_ISL_1063341, EPI_ISL_1063343, EPI_ISL_1063344, EPI_ISL_1063346, EPI_ISL_1063349, EPI_ISL_1063357, EPI_ISL_1063358, EPI_ISL_1063359, EPI_ISL_1063361, EPI_ISL_1063362, EPI_ISL_1063363, EPI_ISL_1063364, EPI_ISL_1063365, EPI_ISL_1063366, EPI_ISL_1063367, EPI_ISL_1063368, EPI_ISL_1063369, EPI_ISL_1063371, EPI_ISL_1063372, EPI_ISL_1063373, EPI_ISL_1063374, EPI_ISL_1063375, EPI_ISL_1063376, EPI_ISL_1063377, EPI_ISL_1063378, EPI_ISL_1063379, EPI_ISL_1063380, EPI_ISL_1063381, EPI_ISL_1063382, EPI_ISL_1063383, EPI_ISL_1063384, EPI_ISL_1063385, EPI_ISL_1063387, EPI_ISL_1063389, EPI_ISL_1063391, EPI_ISL_1063392, EPI_ISL_1063393, EPI_ISL_1063394			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, 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_1063497	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_1063904	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorice Lima, Suzane Silbert
EPI_ISL_1063911	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, CEM Gruber, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_1064336, EPI_ISL_1064341	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1064423	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_1064782	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064794	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064796	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1069204	Azienda Sanitaria Locale Napoli 1	Centro Polidiagnostico strumentale AMES	Sirica Roberto
EPI_ISL_1069405, EPI_ISL_1069407, EPI_ISL_1069422, EPI_ISL_1069437, EPI_ISL_1069457, EPI_ISL_1069459, EPI_ISL_1069461, EPI_ISL_1069468, EPI_ISL_1069498, EPI_ISL_1069502, EPI_ISL_1069505, EPI_ISL_1069506, EPI_ISL_1069513, EPI_ISL_1069531, EPI_ISL_1069537, EPI_ISL_1069555, EPI_ISL_1069558, EPI_ISL_1069562, EPI_ISL_1069570, EPI_ISL_1069576, EPI_ISL_1069589, EPI_ISL_1069590, EPI_ISL_1069596, EPI_ISL_1069609, EPI_ISL_1069636, EPI_ISL_1069642, EPI_ISL_1069643, EPI_ISL_1069644, EPI_ISL_1069650, EPI_ISL_1069664, EPI_ISL_1069673, EPI_ISL_1069682, EPI_ISL_1069720, EPI_ISL_1069725, EPI_ISL_1069738, EPI_ISL_1069818, EPI_ISL_1069820, EPI_ISL_1069834, EPI_ISL_1069854, EPI_ISL_1069872, EPI_ISL_1069881, EPI_ISL_1069906, EPI_ISL_1069974, EPI_ISL_1069978	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	
see above	Lighthouse Lab in Milton Keynes	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_1069994, EPI_ISL_1070011, EPI_ISL_1070016, EPI_ISL_1070023, EPI_ISL_1070029, EPI_ISL_1070039, EPI_ISL_1070051, EPI_ISL_1070052, EPI_ISL_1070055, EPI_ISL_1070068, EPI_ISL_1070074, EPI_ISL_1070075, EPI_ISL_1070077, EPI_ISL_1070088	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_1070231	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_1070336	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, 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_1070341	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_1070342, EPI_ISL_1070344, EPI_ISL_1070345, EPI_ISL_1070347	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, 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_1070348	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_1070349	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, 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_1070350, EPI_ISL_1070352, EPI_ISL_1070353	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_1070354	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, 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_1070355	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_1070356	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, 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_1070357, EPI_ISL_1070359	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_1070360	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, 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_1070361	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_1070362, EPI_ISL_1070363, EPI_ISL_1070364	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, 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_1070365	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_1070366	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_1070368	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, 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_1070369	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_1070370	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_1070371	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_1070375	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, 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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EPI_ISL_1076408			
EPI_ISL_1076409	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_1079994	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	O Butera, E Giombini, F Messina, M Rueca, CEM Gruber, B Bartolini, G Parisi, MI Consalvo, MR Capobianchi, A Di Caro
EPI_ISL_1079995	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, A Di Caro, MR Capobianchi
EPI_ISL_1080513, EPI_ISL_1080518, EPI_ISL_1080519, EPI_ISL_1080545, EPI_ISL_1080552, EPI_ISL_1080554, EPI_ISL_1080559	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_1080814, EPI_ISL_1080816, EPI_ISL_1080817, EPI_ISL_1080821, EPI_ISL_1080826, EPI_ISL_1080828	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1081119, EPI_ISL_1081120, EPI_ISL_1081121, EPI_ISL_1081123, EPI_ISL_1081124, EPI_ISL_1081125, EPI_ISL_1081126, EPI_ISL_1081127	Biology Lab, HIA PERCY	IRBA, 2MI	GORGE O., VERGUET N., SARILAR V., FOISSAUD V.
EPI_ISL_1081140, EPI_ISL_1081145	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_1081247, EPI_ISL_1081248, EPI_ISL_1081249	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1081321	Bozeman Health Deaconess Hospital	Wiedenheft lab, Montana State University	Artem Nemudryi, Anna Nemudraia, Tanner Wiegand, Joseph Nichols, Deann T. Snyder, Jodi F. Hedges, Calvin Cicha, Helen Lee, Karl K. Vanderwood, Diane Bimczok, Mark A. Jutila and Blake Wiedenheft
EPI_ISL_1081916	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1082254	Virologia, Dipartimento di Scienze Biomediche, Università di Sassari, Viale San Pietro, 43/B - Sassari	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Giovanna Piras, Asproni Rosanna, Paolo Malune, Maria Itria Monne, Angelo Domenico Palmas, Caterina Serra, Elena Rimini, Salvatore Rubino
EPI_ISL_1082261	LabTests	Institute of Environmental Science and Research (ESR)	Rachel Boyle, SallyAnn Harbison, Olivia Stroeven, 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_1082527, EPI_ISL_1082528	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_1082533	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_1082545, EPI_ISL_1082546, EPI_ISL_1082556, EPI_ISL_1082557, EPI_ISL_1082564, EPI_ISL_1082566, EPI_ISL_1082568, EPI_ISL_1082570, EPI_ISL_1082581, EPI_ISL_1082585, EPI_ISL_1082586, EPI_ISL_1082587, EPI_ISL_1082589, EPI_ISL_1082595, EPI_ISL_1082597, EPI_ISL_1082602, EPI_ISL_1082603, EPI_ISL_1082607, EPI_ISL_1082608, EPI_ISL_1082615, EPI_ISL_1082616, EPI_ISL_1082622, EPI_ISL_1082626, EPI_ISL_1082628, EPI_ISL_1082631, EPI_ISL_1082637, EPI_ISL_1082639, EPI_ISL_1082642, EPI_ISL_1082643, EPI_ISL_1082644, EPI_ISL_1082647, EPI_ISL_1082648, EPI_ISL_1082655, EPI_ISL_1082661, EPI_ISL_1082662, EPI_ISL_1082664, EPI_ISL_1082666, EPI_ISL_1082667, EPI_ISL_1082668, EPI_ISL_1082672, EPI_ISL_1082673, EPI_ISL_1082675, EPI_ISL_1082678, EPI_ISL_1082682, EPI_ISL_1082683, EPI_ISL_1082684, EPI_ISL_1082686, EPI_ISL_1082691, EPI_ISL_1082696, EPI_ISL_1082697, EPI_ISL_1082702, EPI_ISL_1082703, EPI_ISL_1082707, EPI_ISL_1082713, EPI_ISL_1082722, EPI_ISL_1082728, EPI_ISL_1082735, EPI_ISL_1082739, EPI_ISL_1082742, EPI_ISL_1082743, EPI_ISL_1082750, EPI_ISL_1082757, EPI_ISL_1082760, EPI_ISL_1082769, EPI_ISL_1082770, EPI_ISL_1082771, EPI_ISL_1082786, EPI_ISL_1082789, EPI_ISL_1082794, EPI_ISL_1082795, EPI_ISL_1082798, EPI_ISL_1082801, EPI_ISL_1082803, EPI_ISL_1082806, EPI_ISL_1082810, EPI_ISL_1082818, EPI_ISL_1082824, EPI_ISL_1082825, EPI_ISL_1082829, EPI_ISL_1082830	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_1083050	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, 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_1083317	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1083823, EPI_ISL_1083837, EPI_ISL_1083848, EPI_ISL_1083877, EPI_ISL_1083878, EPI_ISL_1083881, EPI_ISL_1083903, EPI_ISL_1083905, EPI_ISL_1083924, EPI_ISL_1083928, EPI_ISL_1083931, EPI_ISL_1083986, EPI_ISL_1084009, EPI_ISL_1084021, EPI_ISL_1084045, EPI_ISL_1084079, EPI_ISL_1084091, EPI_ISL_1084125, EPI_ISL_1084151			
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_1084216	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, 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_1084245, EPI_ISL_1084255, EPI_ISL_1084306, EPI_ISL_1084316, EPI_ISL_1084333, EPI_ISL_1084344, EPI_ISL_1084376, EPI_ISL_1084380, EPI_ISL_1084382, EPI_ISL_1084400, EPI_ISL_1084406, EPI_ISL_1084430			
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_1084478	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, 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_1084701, EPI_ISL_1084709	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1084719, EPI_ISL_1084720	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_1084763, EPI_ISL_1084769, EPI_ISL_1084847, EPI_ISL_1084848, EPI_ISL_1084849, EPI_ISL_1084850, EPI_ISL_1084851, EPI_ISL_1084852, EPI_ISL_1084853, EPI_ISL_1084854, EPI_ISL_1084855, EPI_ISL_1084856, EPI_ISL_1084857, EPI_ISL_1084858, EPI_ISL_1084859, EPI_ISL_1084860, EPI_ISL_1084861, EPI_ISL_1084862, EPI_ISL_1084863, EPI_ISL_1084864, EPI_ISL_1084865, EPI_ISL_1084866, EPI_ISL_1084867, EPI_ISL_1084868, EPI_ISL_1084869, EPI_ISL_1084870, EPI_ISL_1084871, EPI_ISL_1084872, EPI_ISL_1084873, EPI_ISL_1084874, EPI_ISL_1084875, EPI_ISL_1084876, EPI_ISL_1084877, EPI_ISL_1084878, EPI_ISL_1084879, EPI_ISL_1084880, EPI_ISL_1084881, EPI_ISL_1084882, EPI_ISL_1084907, EPI_ISL_1084908, EPI_ISL_1084909, EPI_ISL_1084910, EPI_ISL_1084911, EPI_ISL_1084912, EPI_ISL_1084913, EPI_ISL_1084914, EPI_ISL_1084915, EPI_ISL_1084916, EPI_ISL_1084917, EPI_ISL_1084918, EPI_ISL_1084919, EPI_ISL_1084927			
see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1085033, EPI_ISL_1085044, EPI_ISL_1085045, EPI_ISL_1085046, EPI_ISL_1085047, EPI_ISL_1085049, EPI_ISL_1085053, EPI_ISL_1085056, EPI_ISL_1085058, EPI_ISL_1085059, EPI_ISL_1085063, EPI_ISL_1085070, EPI_ISL_1085072, EPI_ISL_1085074			
see above	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	*Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica

EPI_ISL_1085093	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Ianniello, Antonio Fico*	
EPI_ISL_1085110, EPI_ISL_1085116, EPI_ISL_1085120, EPI_ISL_1085121, EPI_ISL_1085122, EPI_ISL_1085124, EPI_ISL_1085125, EPI_ISL_1085154	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	*Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica Ianniello, Antonio Fico*	
EPI_ISL_1085161	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_1085170	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_1085330, EPI_ISL_1085331	CH. HOPITAL CIVIL	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_1085711, EPI_ISL_1085713, EPI_ISL_1085714, EPI_ISL_1085715, EPI_ISL_1085719, EPI_ISL_1085720, EPI_ISL_1085721, EPI_ISL_1085722, EPI_ISL_1085723, EPI_ISL_1085729, EPI_ISL_1085730	see above	Hôpital Henri Mondor	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky	
EPI_ISL_1085819, EPI_ISL_1085821, EPI_ISL_1085823, EPI_ISL_1085889, EPI_ISL_1085890, EPI_ISL_1085891	Hôpital Pitié-Salpêtrière	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_1085893	Hôpital Avicenne	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky	
EPI_ISL_1085894, EPI_ISL_1085900	Hôpital Pitié-Salpêtrière	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_1089554, EPI_ISL_1089555, EPI_ISL_1089556, EPI_ISL_1089557, EPI_ISL_1089558, EPI_ISL_1089559, EPI_ISL_1089560, EPI_ISL_1089561, EPI_ISL_1089562, EPI_ISL_1089563, EPI_ISL_1089564, EPI_ISL_1089565, EPI_ISL_1089566, EPI_ISL_1089567, EPI_ISL_1089568, EPI_ISL_1089569, EPI_ISL_1089570, EPI_ISL_1089571, EPI_ISL_1089572, EPI_ISL_1089573, EPI_ISL_1089574, EPI_ISL_1089575, EPI_ISL_1089576, EPI_ISL_1089577, EPI_ISL_1089578, EPI_ISL_1089579, EPI_ISL_1089600, EPI_ISL_1089601, EPI_ISL_1089602, EPI_ISL_1089603, EPI_ISL_1089604, EPI_ISL_1089605, EPI_ISL_1089606, EPI_ISL_1089607, EPI_ISL_1089751, EPI_ISL_1089752, EPI_ISL_1089753, EPI_ISL_1089754, EPI_ISL_1089755, EPI_ISL_1089756, EPI_ISL_1089757, EPI_ISL_1089758, EPI_ISL_1089759, EPI_ISL_1089760, EPI_ISL_1089761, EPI_ISL_1089762, EPI_ISL_1089763, EPI_ISL_1089764, EPI_ISL_1089765, EPI_ISL_1089766	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_1091152, EPI_ISL_1091165	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter	
EPI_ISL_1091300, EPI_ISL_1091301, EPI_ISL_1091302, EPI_ISL_1091303, EPI_ISL_1091316, EPI_ISL_1091317, EPI_ISL_1091318, EPI_ISL_1091319, EPI_ISL_1091320, EPI_ISL_1091321, EPI_ISL_1091322, EPI_ISL_1091323, EPI_ISL_1091340, EPI_ISL_1091350, EPI_ISL_1091351	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carreras, Piet Maes	
EPI_ISL_1091533, EPI_ISL_1091534	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_1091576	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, 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_1091974	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_1093289, EPI_ISL_1093305, EPI_ISL_1093353, EPI_ISL_1093355, EPI_ISL_1093358	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_1093493, EPI_ISL_1093498, EPI_ISL_1093502, EPI_ISL_1093507, EPI_ISL_1093512, EPI_ISL_1093513, EPI_ISL_1093514, EPI_ISL_1093520, EPI_ISL_1093523, EPI_ISL_1093524, EPI_ISL_1093530, EPI_ISL_1093534, EPI_ISL_1093536, EPI_ISL_1093538, EPI_ISL_1093539	see above	Klinisk mikrobiologi, Region Västerbotten	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_1096240, EPI_ISL_1096241	Research	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Leruez-Ville Marianne	
EPI_ISL_1097126, EPI_ISL_1097127, EPI_ISL_1097128, EPI_ISL_1097129, EPI_ISL_1097130, EPI_ISL_1097131, EPI_ISL_1097132, EPI_ISL_1097133, EPI_ISL_1097134, EPI_ISL_1097135, EPI_ISL_1097136, EPI_ISL_1097137, EPI_ISL_1097138, EPI_ISL_1097139, EPI_ISL_1097140, EPI_ISL_1097141, EPI_ISL_1097142, EPI_ISL_1097143, EPI_ISL_1097144, EPI_ISL_1097145, EPI_ISL_1097146, EPI_ISL_1097147, EPI_ISL_1097148, EPI_ISL_1097149, EPI_ISL_1097150, EPI_ISL_1097151, EPI_ISL_1097152, EPI_ISL_1097153, EPI_ISL_1097154, EPI_ISL_1097155, EPI_ISL_1097156, EPI_ISL_1097157, EPI_ISL_1097158, EPI_ISL_1097159, EPI_ISL_1097160, EPI_ISL_1097161, EPI_ISL_1097162, EPI_ISL_1097163, EPI_ISL_1097164, EPI_ISL_1097165, EPI_ISL_1097166, EPI_ISL_1097168, EPI_ISL_1097169, EPI_ISL_1097170, EPI_ISL_1097171, EPI_ISL_1097172, EPI_ISL_1097173, EPI_ISL_1097174, EPI_ISL_1097175, EPI_ISL_1097176, EPI_ISL_1097177, EPI_ISL_1097178, EPI_ISL_1097179, EPI_ISL_1097180, EPI_ISL_1097181, EPI_ISL_1097182, EPI_ISL_1097184, EPI_ISL_1097185, EPI_ISL_1097186, EPI_ISL_1097187, EPI_ISL_1097188, EPI_ISL_1097189, EPI_ISL_1097190, EPI_ISL_1097191, EPI_ISL_1097192, EPI_ISL_1097193, EPI_ISL_1097194, EPI_ISL_1097195, EPI_ISL_1097196, EPI_ISL_1097197, EPI_ISL_1097198, EPI_ISL_1097199, EPI_ISL_1097200, EPI_ISL_1097201, EPI_ISL_1097202, EPI_ISL_1097203, EPI_ISL_1097204, EPI_ISL_1097205, EPI_ISL_1097209, EPI_ISL_1097210, EPI_ISL_1097222	see above	Ministry of Health Turkey	Fatma Bayraktar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu	
EPI_ISL_1097605, EPI_ISL_1097606, EPI_ISL_1097607, EPI_ISL_1097608, EPI_ISL_1097642, EPI_ISL_1097643	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_1098636, EPI_ISL_1098637, EPI_ISL_1098641	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1098871, EPI_ISL_1098891	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S	
EPI_ISL_1099506, EPI_ISL_1099507, EPI_ISL_1099511, EPI_ISL_1099512, EPI_ISL_1099518, EPI_ISL_1099519, EPI_ISL_1099522, EPI_ISL_1099523, EPI_ISL_1099530, EPI_ISL_1099540, EPI_ISL_1099552, EPI_ISL_1099553, EPI_ISL_1099555, EPI_ISL_1099559, EPI_ISL_1099562, EPI_ISL_1099576, EPI_ISL_1099583, EPI_ISL_1099585, EPI_ISL_1099589, EPI_ISL_1099592, EPI_ISL_1099593, EPI_ISL_1099594, EPI_ISL_1099595, EPI_ISL_1099596, EPI_ISL_1099609, EPI_ISL_1099616, EPI_ISL_1099617, EPI_ISL_1099629, EPI_ISL_1099633, EPI_ISL_1099635, EPI_ISL_1099639, EPI_ISL_1099643, EPI_ISL_1099645, EPI_ISL_1099647, EPI_ISL_1099652, EPI_ISL_1099654, EPI_ISL_1099656, EPI_ISL_1099659, EPI_ISL_1099663, EPI_ISL_1099666, EPI_ISL_1099667, EPI_ISL_1099669, EPI_ISL_1099670, EPI_ISL_1099674, EPI_ISL_1099689, EPI_ISL_1099699, EPI_ISL_1099706, EPI_ISL_1099714, EPI_ISL_1099718, EPI_ISL_1099729, EPI_ISL_1099741	see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, 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_1099809, EPI_ISL_1100759, EPI_ISL_1100761, EPI_ISL_1100763, EPI_ISL_1100764, EPI_ISL_1100768, EPI_ISL_1100770, EPI_ISL_1100771, EPI_ISL_1100772, EPI_ISL_1100773, EPI_ISL_1100775, EPI_ISL_1100781, EPI_ISL_1100783, EPI_ISL_1100793, EPI_ISL_1100800, EPI_ISL_1100801, EPI_ISL_1100803, EPI_ISL_1100805, EPI_ISL_1100812, EPI_ISL_1100813, EPI_ISL_1100820, EPI_ISL_1100824, EPI_ISL_1100826, EPI_ISL_1100827, EPI_ISL_1100832, EPI_ISL_1100837, EPI_ISL_1100838, EPI_ISL_1100840, EPI_ISL_1100841, EPI_ISL_1100842, EPI_ISL_1100844, EPI_ISL_1100845, EPI_ISL_1100847, EPI_ISL_1100853,				

EPI_ISL_1100855, EPI_ISL_1100857, EPI_ISL_1100867, EPI_ISL_1100868, EPI_ISL_1100869, EPI_ISL_1100872, EPI_ISL_1100875, EPI_ISL_1100881, EPI_ISL_1100883, EPI_ISL_1100889, EPI_ISL_1100892, EPI_ISL_1100894, EPI_ISL_1100896, EPI_ISL_1100897, EPI_ISL_1100902, EPI_ISL_1100908, EPI_ISL_1100917, EPI_ISL_1100921, EPI_ISL_1100922, EPI_ISL_1100926, EPI_ISL_1100937, EPI_ISL_1100939, EPI_ISL_1100940, EPI_ISL_1100941, EPI_ISL_1100942, EPI_ISL_1100944, EPI_ISL_1100946, EPI_ISL_1100948, EPI_ISL_1100960, EPI_ISL_1100962, EPI_ISL_1100972, EPI_ISL_1100980, EPI_ISL_1100982, EPI_ISL_1100983, EPI_ISL_1100984, EPI_ISL_1100986	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_1101101, EPI_ISL_1101224, EPI_ISL_1101250, EPI_ISL_1101265, EPI_ISL_1101286		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_1101619		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1101666, EPI_ISL_1101667, EPI_ISL_1101668, EPI_ISL_1101676, EPI_ISL_1101677, EPI_ISL_1101683, EPI_ISL_1101684, EPI_ISL_1101689, EPI_ISL_1101692, EPI_ISL_1101707, EPI_ISL_1101708, EPI_ISL_1101711, EPI_ISL_1101712, EPI_ISL_1101726, EPI_ISL_1101731, EPI_ISL_1101732, EPI_ISL_1101734, EPI_ISL_1101736, EPI_ISL_1101739, EPI_ISL_1101740, EPI_ISL_1101741, EPI_ISL_1101748, EPI_ISL_1101752, EPI_ISL_1101753, EPI_ISL_1101754, EPI_ISL_1101755, EPI_ISL_1101760, EPI_ISL_1101762, EPI_ISL_1101766, EPI_ISL_1101770, EPI_ISL_1101774, EPI_ISL_1101777, EPI_ISL_1101782, EPI_ISL_1101786, EPI_ISL_1101794, EPI_ISL_1101799, EPI_ISL_1101800, EPI_ISL_1101802, EPI_ISL_1101805, EPI_ISL_1101808, EPI_ISL_1101809, EPI_ISL_1101814, EPI_ISL_1101816, EPI_ISL_1101823, EPI_ISL_1101824, EPI_ISL_1101830, EPI_ISL_1101831, EPI_ISL_1101836, EPI_ISL_1101838, EPI_ISL_1101844, EPI_ISL_1101848, EPI_ISL_1101859, EPI_ISL_1101863, EPI_ISL_1101865, EPI_ISL_1101873, EPI_ISL_1101884, EPI_ISL_1101885, EPI_ISL_1101886, EPI_ISL_1101888, EPI_ISL_1101889, EPI_ISL_1101892, EPI_ISL_1101893, EPI_ISL_1101895, EPI_ISL_1101896, EPI_ISL_1101897, EPI_ISL_1101898, EPI_ISL_1101905, EPI_ISL_1101922, EPI_ISL_1101923, EPI_ISL_1101924, EPI_ISL_1101938, EPI_ISL_1101941, EPI_ISL_1101943, EPI_ISL_1101947, EPI_ISL_1101954, EPI_ISL_1101956, EPI_ISL_1101958, EPI_ISL_1101961, EPI_ISL_1101963	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_1101977, EPI_ISL_1101980		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, 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_1102026, EPI_ISL_1102029, EPI_ISL_1102030, EPI_ISL_1102033, EPI_ISL_1102037, EPI_ISL_1102044, EPI_ISL_1102047, EPI_ISL_1102051, EPI_ISL_1102053, EPI_ISL_1102058, EPI_ISL_1102059, EPI_ISL_1102066, EPI_ISL_1102067, EPI_ISL_1102070, EPI_ISL_1102071, EPI_ISL_1102074, EPI_ISL_1102075, EPI_ISL_1102076, EPI_ISL_1102083, EPI_ISL_1102095, EPI_ISL_1102105, EPI_ISL_1102110, EPI_ISL_1102113, EPI_ISL_1102119, EPI_ISL_1102121, EPI_ISL_1102128, EPI_ISL_1102137, EPI_ISL_1102144, EPI_ISL_1102147, EPI_ISL_1102150, EPI_ISL_1102151, EPI_ISL_1102157, EPI_ISL_1102158, EPI_ISL_1102161, EPI_ISL_1102179, EPI_ISL_1102187, EPI_ISL_1102190, EPI_ISL_1102192, EPI_ISL_1102203, EPI_ISL_1102207, EPI_ISL_1102217, EPI_ISL_1102218, EPI_ISL_1102220, EPI_ISL_1102227, EPI_ISL_1102229, EPI_ISL_1102236, EPI_ISL_1102238, EPI_ISL_1102239, EPI_ISL_1102251, EPI_ISL_1102256, EPI_ISL_1102258, EPI_ISL_1102261, EPI_ISL_1102274, EPI_ISL_1102275, EPI_ISL_1102281, EPI_ISL_1102282, EPI_ISL_1102283, EPI_ISL_1102284, EPI_ISL_1102287, EPI_ISL_1102291, EPI_ISL_1102292, EPI_ISL_1102301, EPI_ISL_1102563	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_1102750, EPI_ISL_1102864		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_1102868, EPI_ISL_1102870		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_1102913, EPI_ISL_1102963		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_1103054, EPI_ISL_1103055, EPI_ISL_1103056, EPI_ISL_1103057, EPI_ISL_1103058, EPI_ISL_1103059, EPI_ISL_1103060, EPI_ISL_1103061, EPI_ISL_1103062, EPI_ISL_1103063, EPI_ISL_1103064, EPI_ISL_1103065, EPI_ISL_1103066, EPI_ISL_1103067, EPI_ISL_1103068, EPI_ISL_1103069, EPI_ISL_1103070, EPI_ISL_1103071, EPI_ISL_1103072, EPI_ISL_1103073, EPI_ISL_1103074, EPI_ISL_1103075, EPI_ISL_1103076, EPI_ISL_1103077, EPI_ISL_1103078, EPI_ISL_1103079, EPI_ISL_1103080, EPI_ISL_1103081, EPI_ISL_1103082, EPI_ISL_1103083, EPI_ISL_1103084, EPI_ISL_1103085, EPI_ISL_1103086, EPI_ISL_1103087, EPI_ISL_1103088, EPI_ISL_1103089, EPI_ISL_1103090, EPI_ISL_1103091, EPI_ISL_1103092, EPI_ISL_1103093, EPI_ISL_1103095, EPI_ISL_1103097, EPI_ISL_1103098, EPI_ISL_1103099, EPI_ISL_1103100, EPI_ISL_1103101, EPI_ISL_1103102, EPI_ISL_1103103	see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, 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_1103549		Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1103551		Hospital Valle del Nalón	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1103553, EPI_ISL_1103554		Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1103600, EPI_ISL_1103615		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_1103658, EPI_ISL_1103681, EPI_ISL_1103684, EPI_ISL_1103686, EPI_ISL_1103689, EPI_ISL_1103690, EPI_ISL_1103693, EPI_ISL_1103694, EPI_ISL_1103695, EPI_ISL_1103702, EPI_ISL_1103706, EPI_ISL_1103708, EPI_ISL_1103709, EPI_ISL_1103711, EPI_ISL_1103712, EPI_ISL_1103713, EPI_ISL_1103714, EPI_ISL_1103715, EPI_ISL_1103716, EPI_ISL_1103718, EPI_ISL_1103719, EPI_ISL_1103721, EPI_ISL_1103722, EPI_ISL_1103723, EPI_ISL_1103724, EPI_ISL_1103726, EPI_ISL_1103727, EPI_ISL_1103728	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mathar, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1103744, EPI_ISL_1103751		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_1103808, EPI_ISL_1103809, EPI_ISL_1103810, EPI_ISL_1103811, EPI_ISL_1103812, EPI_ISL_1103813, EPI_ISL_1103814, EPI_ISL_1103815, EPI_ISL_1103816, EPI_ISL_1103817, EPI_ISL_1103818, EPI_ISL_1103819, EPI_ISL_1103820, EPI_ISL_1103821, EPI_ISL_1103822, EPI_ISL_1103823, EPI_ISL_1103824, EPI_ISL_1103825, EPI_ISL_1103826, EPI_ISL_1103827, EPI_ISL_1103828, EPI_ISL_1103829, EPI_ISL_1103831, EPI_ISL_1103833, EPI_ISL_1103834, EPI_ISL_1103835, EPI_ISL_1103837, EPI_ISL_1103838, EPI_ISL_1103842, EPI_ISL_1103846, EPI_ISL_1103848, EPI_ISL_1103849, EPI_ISL_1103850, EPI_ISL_1103851, EPI_ISL_1103853, EPI_ISL_1103854, EPI_ISL_1103855, EPI_ISL_1103856, EPI_ISL_1103857, EPI_ISL_1103860, EPI_ISL_1103862, EPI_ISL_1103863, EPI_ISL_1103867, EPI_ISL_1103868, EPI_ISL_1103869, EPI_ISL_1103870, EPI_ISL_1103872, EPI_ISL_1103874, EPI_ISL_1103876	see above	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_1103883, EPI_ISL_1103892		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_1104103, EPI_ISL_1104155, EPI_ISL_1104156, EPI_ISL_1104157, EPI_ISL_1104160, EPI_ISL_1104161, EPI_ISL_1104164, EPI_ISL_1104165, EPI_ISL_1104170, EPI_ISL_1104172, EPI_ISL_1104173, EPI_ISL_1104174, EPI_ISL_1104175, EPI_ISL_1104176, EPI_ISL_1104177, EPI_ISL_1104186	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_1104265, EPI_ISL_1104266, EPI_ISL_1104270, EPI_ISL_1104271		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_1104298, EPI_ISL_1104299, EPI_ISL_1104301, EPI_ISL_1104303, EPI_ISL_1104304, EPI_ISL_1104307		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_1104457, EPI_ISL_1104458, EPI_ISL_1104459, EPI_ISL_1104465, EPI_ISL_1104469, EPI_ISL_1104473, EPI_ISL_1104474, EPI_ISL_1104475, EPI_ISL_1104476, EPI_ISL_1104477, EPI_ISL_1104486, EPI_ISL_1104487, EPI_ISL_1104497, EPI_ISL_1104562	see above	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 Ituriza-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_1104645, EPI_ISL_1104647, EPI_ISL_1104649		Virologia, Dipartimento di Scienze Biomediche, Università di Sassari, Viale San Pietro, 43/B - Sassari	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Giovanna Piras, Asproni Rosanna, Paolo Malune, Maria Itria Monne, Angelo Domenico Palmas, Caterina Serra, Elena Rimini, Salvatore Rubino
EPI_ISL_1104682, EPI_ISL_1104683, EPI_ISL_1104684, EPI_ISL_1104685, EPI_ISL_1104686, EPI_ISL_1104687, EPI_ISL_1104688, EPI_ISL_1104689, EPI_ISL_1104691, EPI_ISL_1104697, EPI_ISL_1104714, EPI_ISL_1104721, EPI_ISL_1104736, EPI_ISL_1104740, EPI_ISL_1104749, EPI_ISL_1104750, EPI_ISL_1104751, EPI_ISL_1104753, EPI_ISL_1104754, EPI_ISL_1104756, EPI_ISL_1104759, EPI_ISL_1104760, EPI_ISL_1104761, EPI_ISL_1104762	see above	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_1105212, EPI_ISL_1105214, EPI_ISL_1105221, EPI_ISL_1105231, EPI_ISL_1105234, EPI_ISL_1105240, EPI_ISL_1105245, EPI_ISL_1105251, EPI_ISL_1105262, EPI_ISL_1105263, EPI_ISL_1105270, EPI_ISL_1105271, EPI_ISL_1105277, EPI_ISL_1105278, EPI_ISL_1105279, EPI_ISL_1105285, EPI_ISL_1105286, EPI_ISL_1105290, EPI_ISL_1105291, EPI_ISL_1105295, EPI_ISL_1105298, EPI_ISL_1105299, EPI_ISL_1105308, EPI_ISL_1105309, EPI_ISL_1105314, EPI_ISL_1105316, EPI_ISL_1105330, EPI_ISL_1105339, EPI_ISL_1105340	see above	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_1105385, EPI_ISL_1105389, EPI_ISL_1105390, EPI_ISL_1105391, EPI_ISL_1105392, EPI_ISL_1105393, EPI_ISL_1105394, EPI_ISL_1105395, EPI_ISL_1105396, EPI_ISL_1105397, EPI_ISL_1105398, EPI_ISL_1105399, EPI_ISL_1105400, EPI_ISL_1105401, EPI_ISL_1105402, EPI_ISL_1105403, EPI_ISL_1105404, EPI_ISL_1105406, EPI_ISL_1105407, EPI_ISL_1105408, EPI_ISL_1105409, EPI_ISL_1105410, EPI_ISL_1105411, EPI_ISL_1105412, EPI_ISL_1105413, EPI_ISL_1105414, EPI_ISL_1105415, EPI_ISL_1105416, EPI_ISL_1105417, EPI_ISL_1105446, EPI_ISL_1105453, EPI_ISL_1105454, EPI_ISL_1105455, EPI_ISL_1105456, EPI_ISL_1105457, EPI_ISL_1105458, EPI_ISL_1105459, EPI_ISL_1105460, EPI_ISL_1105461, EPI_ISL_1105472	see above	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_1105587, EPI_ISL_1105598, EPI_ISL_1105624		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_1105710, EPI_ISL_1105713, EPI_ISL_1105714, EPI_ISL_1105744, EPI_ISL_1105745, EPI_ISL_1105746, EPI_ISL_1105747, EPI_ISL_1105749, EPI_ISL_1105750, EPI_ISL_1105751, EPI_ISL_1105752, EPI_ISL_1105753	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_1105934, EPI_ISL_1105935, EPI_ISL_1105938, EPI_ISL_1105939, EPI_ISL_1105940, EPI_ISL_1105941, EPI_ISL_1105944, EPI_ISL_1105945, EPI_ISL_1105947, EPI_ISL_1105949, EPI_ISL_1105950, EPI_ISL_1105951, EPI_ISL_1105952, EPI_ISL_1105954, EPI_ISL_1105955, EPI_ISL_1105956, EPI_ISL_1105958, EPI_ISL_1105959, EPI_ISL_1105960, EPI_ISL_1105961, EPI_ISL_1105962, EPI_ISL_1105963, EPI_ISL_1105965, EPI_ISL_1105968, EPI_ISL_1105969, EPI_ISL_1105970, EPI_ISL_1105971, EPI_ISL_1105972, EPI_ISL_1105977, EPI_ISL_1105980, EPI_ISL_1105981, EPI_ISL_1105982, EPI_ISL_1105984, EPI_ISL_1105985, EPI_ISL_1105987, EPI_ISL_1105989, EPI_ISL_1105990, EPI_ISL_1105991, EPI_ISL_1105992, EPI_ISL_1105993, EPI_ISL_1105997, EPI_ISL_1105998, EPI_ISL_1105999, EPI_ISL_1106002, EPI_ISL_1106003, EPI_ISL_1106006, EPI_ISL_1106008, EPI_ISL_1106009, EPI_ISL_1106010, EPI_ISL_1106012, EPI_ISL_1106013, EPI_ISL_1106080, EPI_ISL_1106099, EPI_ISL_1106101, EPI_ISL_1106113, EPI_ISL_1106114, EPI_ISL_1106115, EPI_ISL_1106116, EPI_ISL_1106117, EPI_ISL_1106118, EPI_ISL_1106119, EPI_ISL_1106121, EPI_ISL_1106122, EPI_ISL_1106123, EPI_ISL_1106124, EPI_ISL_1106128, EPI_ISL_1106129, EPI_ISL_1106130, EPI_ISL_1106132, EPI_ISL_1106134, EPI_ISL_1106137, EPI_ISL_1106139, EPI_ISL_1106140, EPI_ISL_1106141, EPI_ISL_1106142, EPI_ISL_1106143, EPI_ISL_1106144, EPI_ISL_1106146, EPI_ISL_1106147, EPI_ISL_1106148, EPI_ISL_1106149, EPI_ISL_1106150, EPI_ISL_1106151, EPI_ISL_1106152, EPI_ISL_1106153, EPI_ISL_1106154, EPI_ISL_1106155, EPI_ISL_1106157, EPI_ISL_1106158, EPI_ISL_1106159, EPI_ISL_1106160, EPI_ISL_1106161, EPI_ISL_1106163, EPI_ISL_1106164, EPI_ISL_1106166, EPI_ISL_1106167, EPI_ISL_1106168, EPI_ISL_1106169, EPI_ISL_1106170, EPI_ISL_1106171, EPI_ISL_1106173, EPI_ISL_1106174, EPI_ISL_1106177, EPI_ISL_1106180, EPI_ISL_1106181, EPI_ISL_1106182, EPI_ISL_1106183, EPI_ISL_1106184, EPI_ISL_1106189, EPI_ISL_1106190, EPI_ISL_1106191, EPI_ISL_1106192, EPI_ISL_1106193, EPI_ISL_1106194, EPI_ISL_1106195, EPI_ISL_1106196, EPI_ISL_1106199, EPI_ISL_1106201, EPI_ISL_1106202, EPI_ISL_1106207, EPI_ISL_1106208, EPI_ISL_1106209	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_1106212, EPI_ISL_1106213, EPI_ISL_1106214, EPI_ISL_1106215, EPI_ISL_1106216, EPI_ISL_1106217, EPI_ISL_1106218, EPI_ISL_1106219, EPI_ISL_1106220, EPI_ISL_1106222, EPI_ISL_1106223, EPI_ISL_1106226, EPI_ISL_1106227, EPI_ISL_1106228, EPI_ISL_1106230, EPI_ISL_1106231, EPI_ISL_1106232, EPI_ISL_1106233, EPI_ISL_1106234, EPI_ISL_1106236, EPI_ISL_1106237, EPI_ISL_1106239, EPI_ISL_1106240, EPI_ISL_1106241, EPI_ISL_1106242, EPI_ISL_1106243, EPI_ISL_1106244, EPI_ISL_1106245, EPI_ISL_1106246, EPI_ISL_1106248, EPI_ISL_1106249, EPI_ISL_1106250, EPI_ISL_1106251, EPI_ISL_1106252, EPI_ISL_1106256, EPI_ISL_1106258, EPI_ISL_1106259, EPI_ISL_1106270, EPI_ISL_1106271, EPI_ISL_1106277, EPI_ISL_1106320, EPI_ISL_1106321, EPI_ISL_1106324, EPI_ISL_1106326, EPI_ISL_1106341, EPI_ISL_1106343, EPI_ISL_1106344, EPI_ISL_1106350, EPI_ISL_1106354, EPI_ISL_1106705, EPI_ISL_1106708, EPI_ISL_1106709	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_1106712		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_1107516, EPI_ISL_1107517, EPI_ISL_1107519, EPI_ISL_1107520, EPI_ISL_1107521, EPI_ISL_1107522, EPI_ISL_1107523, EPI_ISL_1107524, EPI_ISL_1107525, EPI_ISL_1107648, EPI_ISL_1107678, EPI_ISL_1107679, EPI_ISL_1107680, EPI_ISL_1107713, EPI_ISL_1107723, EPI_ISL_1107724, EPI_ISL_1107725, EPI_ISL_1107726, EPI_ISL_1107727, EPI_ISL_1107728, EPI_ISL_1107729, EPI_ISL_1107731, EPI_ISL_1107732, EPI_ISL_1107745, EPI_ISL_1107746, EPI_ISL_1107747, EPI_ISL_1107748	see above	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_1108834		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 Ituriza-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_1109768, EPI_ISL_1109771, EPI_ISL_1109790, EPI_ISL_1109798, EPI_ISL_1109812, EPI_ISL_1109828, EPI_ISL_1109829, EPI_ISL_1109830, EPI_ISL_1109831, EPI_ISL_1109832, EPI_ISL_1109833	see above	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1109945, EPI_ISL_1109950		MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1110171, EPI_ISL_1110172		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_1110183, EPI_ISL_1110184		Hôpital Pitié-Salpêtrière	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_1110301, EPI_ISL_1110302, EPI_ISL_1110303, EPI_ISL_1110306, EPI_ISL_1110309, EPI_ISL_1110312, EPI_ISL_1110318, EPI_ISL_1110319, EPI_ISL_1110320, EPI_ISL_1110321, EPI_ISL_1110325, EPI_ISL_1110327, EPI_ISL_1110332, EPI_ISL_1110335, EPI_ISL_1110338, EPI_ISL_1110340, EPI_ISL_1110341, EPI_ISL_1110342, EPI_ISL_1110345	see above	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli,

	Microbiologia e Virologia		Davide Scaglione, Michele Morgante
EPI_ISL_1110516	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 Volla, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110788	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110807, EPI_ISL_1110808, EPI_ISL_1110811, EPI_ISL_1110813, EPI_ISL_1110814, EPI_ISL_1110815, EPI_ISL_1110820, EPI_ISL_1110826, EPI_ISL_1110829, EPI_ISL_1110830, EPI_ISL_1110831, EPI_ISL_1110833			
see above	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1111529	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1111737	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_1111745, EPI_ISL_1111746, EPI_ISL_1111747	National Laboratory for Health, Environment and Food, OMM, Maribor	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_1111749	National Laboratory for Health, Environment and Food, OMM, Kranj	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_1111751	National Laboratory for Health, Environment and Food, OMM, Novo mesto	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_1112226	Ospedale Di Venere - Carbonara	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_1112247, EPI_ISL_1112253	Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziata Policlinico	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.
EPI_ISL_1113073, EPI_ISL_1113074	Cliniques Sud-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_1113086, EPI_ISL_1113091, EPI_ISL_1113093, EPI_ISL_1113096, EPI_ISL_1113097, EPI_ISL_1113098, EPI_ISL_1113100, EPI_ISL_1113101, EPI_ISL_1113102, EPI_ISL_1113103, EPI_ISL_1113107, EPI_ISL_1113108, EPI_ISL_1113109, EPI_ISL_1113110			
see above	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_1114371	Vancouver Clinic	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 Gautam, 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_1115673, EPI_ISL_1115675, EPI_ISL_1115676, EPI_ISL_1115677, EPI_ISL_1115679, EPI_ISL_1115680, EPI_ISL_1115681, EPI_ISL_1115683, EPI_ISL_1115684, EPI_ISL_1115718, EPI_ISL_1115723, EPI_ISL_1115724, EPI_ISL_1115725, EPI_ISL_1115726, EPI_ISL_1115733, EPI_ISL_1115743, EPI_ISL_1115744, EPI_ISL_1115748, EPI_ISL_1115751, EPI_ISL_1115754, EPI_ISL_1115759, EPI_ISL_1115762, EPI_ISL_1115765, EPI_ISL_1115771, EPI_ISL_1115772, EPI_ISL_1115773, EPI_ISL_1115778, EPI_ISL_1115781, EPI_ISL_1115784, EPI_ISL_1115794, EPI_ISL_1115825, EPI_ISL_1115826, EPI_ISL_1115827, EPI_ISL_1115828, EPI_ISL_1115829, EPI_ISL_1115830, EPI_ISL_1115831, EPI_ISL_1115832, EPI_ISL_1115833, EPI_ISL_1115835, EPI_ISL_1115836, EPI_ISL_1115838, EPI_ISL_1115839, EPI_ISL_1115840, EPI_ISL_1115841, EPI_ISL_1115842, EPI_ISL_1115843, EPI_ISL_1115844, EPI_ISL_1115845, EPI_ISL_1115846, EPI_ISL_1115847, EPI_ISL_1115848, EPI_ISL_1115849, EPI_ISL_1115850, EPI_ISL_1115851, EPI_ISL_1115852, EPI_ISL_1115853, EPI_ISL_1115854, EPI_ISL_1115855, EPI_ISL_1115856, EPI_ISL_1115858, EPI_ISL_1115859, EPI_ISL_1115860, EPI_ISL_1115861, EPI_ISL_1115862, EPI_ISL_1115863, EPI_ISL_1115864, EPI_ISL_1115865, EPI_ISL_1115866, EPI_ISL_1115867, EPI_ISL_1115868, EPI_ISL_1115869, EPI_ISL_1115870, EPI_ISL_1115871, EPI_ISL_1115872, EPI_ISL_1115873, EPI_ISL_1115874, EPI_ISL_1115875, EPI_ISL_1115876, EPI_ISL_1115877, EPI_ISL_1115878, EPI_ISL_1115879, EPI_ISL_1115881, EPI_ISL_1115882, EPI_ISL_1115883, EPI_ISL_1115884, EPI_ISL_1115885, EPI_ISL_1115886, EPI_ISL_1115887, EPI_ISL_1115888, EPI_ISL_1115890, EPI_ISL_1115891, EPI_ISL_1116143, EPI_ISL_1116145, EPI_ISL_1116146, EPI_ISL_1116150, EPI_ISL_1116151, EPI_ISL_1116153, EPI_ISL_1116160, EPI_ISL_1116161, EPI_ISL_1116166, EPI_ISL_1116169, EPI_ISL_1116171, EPI_ISL_1116174, EPI_ISL_1116182, EPI_ISL_1116186, EPI_ISL_1116189, EPI_ISL_1116193, EPI_ISL_1116198, EPI_ISL_1116209, EPI_ISL_1116211, EPI_ISL_1116213, EPI_ISL_1116214, EPI_ISL_1116240, EPI_ISL_1116242, EPI_ISL_1116243, EPI_ISL_1116245, EPI_ISL_1116246, EPI_ISL_1116247, EPI_ISL_1116248, EPI_ISL_1116249, EPI_ISL_1116250, EPI_ISL_1116251, EPI_ISL_1116252, EPI_ISL_1116253, EPI_ISL_1116254, EPI_ISL_1116255, EPI_ISL_1116256, EPI_ISL_1116257, EPI_ISL_1116258, EPI_ISL_1116259, EPI_ISL_1116260, EPI_ISL_1116261, EPI_ISL_1116262, EPI_ISL_1116263, EPI_ISL_1116347, EPI_ISL_1116350, EPI_ISL_1116351, EPI_ISL_1116355, EPI_ISL_1116356, EPI_ISL_1116361, EPI_ISL_1116365, EPI_ISL_1116369, EPI_ISL_1116373, EPI_ISL_1116374, EPI_ISL_1116375, EPI_ISL_1116380, EPI_ISL_1116381, EPI_ISL_1116384, EPI_ISL_1116387, EPI_ISL_1116388, EPI_ISL_1116389, EPI_ISL_1116393, EPI_ISL_1116395, EPI_ISL_1116396, EPI_ISL_1116398, EPI_ISL_1116399, EPI_ISL_1116403, EPI_ISL_1116404, EPI_ISL_1116405, EPI_ISL_1116407, EPI_ISL_1116408, EPI_ISL_1116411, EPI_ISL_1116412, EPI_ISL_1116414, EPI_ISL_1116418, EPI_ISL_1116419, EPI_ISL_1116420, EPI_ISL_1116424, EPI_ISL_1116426, EPI_ISL_1116428			
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_1116478, EPI_ISL_1116492, EPI_ISL_1116493, EPI_ISL_1116494, EPI_ISL_1116495, EPI_ISL_1116496, EPI_ISL_1116497	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_1116598	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116599	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1116607, EPI_ISL_1116609, EPI_ISL_1116611, EPI_ISL_1116621, EPI_ISL_1116622, EPI_ISL_1116623, EPI_ISL_1116631, EPI_ISL_1116635, EPI_ISL_1116641, EPI_ISL_1116650, EPI_ISL_1116665			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116669	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_1116675, EPI_ISL_1116676, EPI_ISL_1116677, EPI_ISL_1116678, EPI_ISL_1116682, EPI_ISL_1116683, EPI_ISL_1116687	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1116712, EPI_ISL_1116713, EPI_ISL_1116714, EPI_ISL_1116715, EPI_ISL_1116716, EPI_ISL_1116717, EPI_ISL_1116724, EPI_ISL_1116725, EPI_ISL_1116726, EPI_ISL_1116733, EPI_ISL_1116734, EPI_ISL_1116735, EPI_ISL_1116740, EPI_ISL_1116747, EPI_ISL_1116749, EPI_ISL_1116751, EPI_ISL_1116752, EPI_ISL_1116753, EPI_ISL_1116754, EPI_ISL_1116760, EPI_ISL_1116762, EPI_ISL_1116763, EPI_ISL_1116766, EPI_ISL_1116767, EPI_ISL_1116768, EPI_ISL_1116769, EPI_ISL_1116772, EPI_ISL_1116773, EPI_ISL_1116777, EPI_ISL_1116778, EPI_ISL_1116779, EPI_ISL_1116783, EPI_ISL_1116788, EPI_ISL_1116791, EPI_ISL_1116793, EPI_ISL_1116797, EPI_ISL_1116807, EPI_ISL_1116808, EPI_ISL_1116809, EPI_ISL_1116810, EPI_ISL_1116811, EPI_ISL_1116812, EPI_ISL_1116813			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116822, EPI_ISL_1116823, EPI_ISL_1116824, EPI_ISL_1116825, EPI_ISL_1116826, EPI_ISL_1116834, EPI_ISL_1116835, EPI_ISL_1116839, EPI_ISL_1116841, EPI_ISL_1116849, EPI_ISL_1116850, EPI_ISL_1116851, EPI_ISL_1116852, EPI_ISL_1116853, EPI_ISL_1116854, EPI_ISL_1116855, EPI_ISL_1116856			
see above	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_1116863	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1116879	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_1116885, EPI_ISL_1116888,	Instituto Nacional de Saude (INSA) and Institute of	Instituto Nacional de Saude (INSA) and Institute of	Borges et al

EPI_ISL_1116889	Biomedicine (iBiMed), Universidade de Aveiro	Biomedicine (iBiMed), Universidade de Aveiro	
EPI_ISL_1116905, EPI_ISL_1116906, EPI_ISL_1116918, EPI_ISL_1116922, EPI_ISL_1116923, EPI_ISL_1116929, EPI_ISL_1116938, EPI_ISL_1116939, EPI_ISL_1116940, EPI_ISL_1116941, EPI_ISL_1116942, EPI_ISL_1116943, EPI_ISL_1116944			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116947, EPI_ISL_1116948, EPI_ISL_1116951, EPI_ISL_1116952, EPI_ISL_1116953, EPI_ISL_1116954, EPI_ISL_1116956, EPI_ISL_1116957, EPI_ISL_1116963, EPI_ISL_1116967, EPI_ISL_1116973, EPI_ISL_1116985, EPI_ISL_1116992, EPI_ISL_1116993			
see above	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_1116999	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1117007	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_1117016, EPI_ISL_1117029, EPI_ISL_1117039, EPI_ISL_1117048	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1117459	SIESP L'AQUILA,	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117460	SIESP DIP PREV 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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117461	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117462	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117463	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117464	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117465	SIESP DIP PREV 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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117466, EPI_ISL_1117467	SIESP DIP PREV TERAMO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117474	SIESP DIP PREV 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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117475	SIESP SULMONA	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117476, EPI_ISL_1117477	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117478	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117479	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117480, EPI_ISL_1117481	SIESP DIP PREV TERAMO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117486, EPI_ISL_1117487	SIESP DIP PREV 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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117488	DIP PREV AVEZZANO, SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITÀ PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117489	SIESP DIP PREV TERAMO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117490	SIESP CHIETI, DRIVE IN VASTO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117494	SIESP DIP PREV 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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117495	SIESP DIP PREV TERAMO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117496	USCA PESCARA	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117497	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117498	PRESIDIO TERRITORIALE CASOLI	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117499	SIESP CHIETI, DRIVE IN VASTO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117507, EPI_ISL_1117508	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117703, EPI_ISL_1117707, EPI_ISL_1117713	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117737	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1117824, EPI_ISL_1117825, EPI_ISL_1117826, EPI_ISL_1117827, EPI_ISL_1117828, EPI_ISL_1117829, EPI_ISL_1117838, EPI_ISL_1117839, EPI_ISL_1117854, EPI_ISL_1117855, EPI_ISL_1117856, EPI_ISL_1117857, EPI_ISL_1117858, EPI_ISL_1117859, EPI_ISL_1117860, EPI_ISL_1117861, EPI_ISL_1117862, EPI_ISL_1117863, EPI_ISL_1117864			
see above	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, Maële Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118099, EPI_ISL_1118100	Dept. of Microbiology and Infection Control, Akershus	Dept. of Microbiology and Infection Control, Akershus	Hege Vangstein Aamot, Alexander Hesselberg Lovestad

University Hospital HF		University Hospital HF	
EPI_ISL_1118159, EPI_ISL_1118160, EPI_ISL_1118161, EPI_ISL_1118162, EPI_ISL_1118163, EPI_ISL_1118164, EPI_ISL_1118165, EPI_ISL_1118166, EPI_ISL_1118167, EPI_ISL_1118168, EPI_ISL_1118169, EPI_ISL_1118170, EPI_ISL_1118171, EPI_ISL_1118172, EPI_ISL_1118173, EPI_ISL_1118174, EPI_ISL_1118175, EPI_ISL_1118176, EPI_ISL_1118177, EPI_ISL_1118178, EPI_ISL_1118179, EPI_ISL_1118180, EPI_ISL_1118181, EPI_ISL_1118182, EPI_ISL_1118183, EPI_ISL_1118184, EPI_ISL_1118185, EPI_ISL_1118186, EPI_ISL_1118187, EPI_ISL_1118188, EPI_ISL_1118189, EPI_ISL_1118190, EPI_ISL_1118191, EPI_ISL_1118192			
see above	LAB ANALISI PO CARDARELLI CAMPOBASSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, Felice V. 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_1118402, EPI_ISL_1118403, EPI_ISL_1118404, EPI_ISL_1118405, EPI_ISL_1118406, EPI_ISL_1118407	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_1118897	Research	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Leruez-Ville Marianne
EPI_ISL_1118900	Army	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, Desroches Marine
EPI_ISL_1119019, EPI_ISL_1119036, EPI_ISL_1119037, EPI_ISL_1119038, EPI_ISL_1119039, EPI_ISL_1119040, EPI_ISL_1119051, EPI_ISL_1119052, EPI_ISL_1119053, EPI_ISL_1119054, EPI_ISL_1119055, EPI_ISL_1119056, EPI_ISL_1119057, EPI_ISL_1119058, EPI_ISL_1119059, EPI_ISL_1119060, EPI_ISL_1119061, EPI_ISL_1119062, EPI_ISL_1119063, EPI_ISL_1119064, EPI_ISL_1119065, EPI_ISL_1119066, EPI_ISL_1119067, EPI_ISL_1119068, EPI_ISL_1119069, EPI_ISL_1119070, EPI_ISL_1119071, EPI_ISL_1119072, EPI_ISL_1119073, EPI_ISL_1119074, EPI_ISL_1119075, EPI_ISL_1119076, EPI_ISL_1119077, EPI_ISL_1119078, EPI_ISL_1119079, EPI_ISL_1119080, EPI_ISL_1119081, EPI_ISL_1119082, EPI_ISL_1119083, EPI_ISL_1119084, EPI_ISL_1119085, EPI_ISL_1119086, EPI_ISL_1119087, EPI_ISL_1119088, EPI_ISL_1119089, EPI_ISL_1119090, EPI_ISL_1119091, EPI_ISL_1119092, EPI_ISL_1119093, EPI_ISL_1119094, EPI_ISL_1119095, EPI_ISL_1119096, EPI_ISL_1119097, EPI_ISL_1119098, EPI_ISL_1119098, EPI_ISL_1119203, EPI_ISL_1119204, EPI_ISL_1119250, EPI_ISL_1119267, EPI_ISL_1119281, EPI_ISL_1119302, EPI_ISL_1119403, EPI_ISL_1119432, EPI_ISL_1119433, EPI_ISL_1119434, EPI_ISL_1119435	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler	
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1121034	LAB ANALISI PO CARDARELLI CAMPOBASSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, Felice V. 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_1121253	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121593, EPI_ISL_1121598, EPI_ISL_1121599, EPI_ISL_1121604, EPI_ISL_1121605, EPI_ISL_1121610, EPI_ISL_1121612, EPI_ISL_1121616, EPI_ISL_1121618, EPI_ISL_1121622, EPI_ISL_1121625, EPI_ISL_1121626, EPI_ISL_1121630, EPI_ISL_1121631			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1122644	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_1123111, EPI_ISL_1123143, EPI_ISL_1123153, EPI_ISL_1123157, EPI_ISL_1123164, EPI_ISL_1123168, EPI_ISL_1123188, EPI_ISL_1123192	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, 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_1128803, EPI_ISL_1128805, EPI_ISL_1128808	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1129367, EPI_ISL_1129416, EPI_ISL_1129490, EPI_ISL_1129597, EPI_ISL_1129638, EPI_ISL_1129709, EPI_ISL_1129713, EPI_ISL_1130103, EPI_ISL_1130151, EPI_ISL_1130157, EPI_ISL_1130413, EPI_ISL_1130469, EPI_ISL_1130488, EPI_ISL_1130586, EPI_ISL_1130609, EPI_ISL_1130615, EPI_ISL_1130619, EPI_ISL_1130641, EPI_ISL_1130723, EPI_ISL_1130739, EPI_ISL_1130741, EPI_ISL_1130772, EPI_ISL_1130880, EPI_ISL_1130949, EPI_ISL_1131047			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, 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_1132146, EPI_ISL_1132198, EPI_ISL_1132218, EPI_ISL_1132219, EPI_ISL_1132221, EPI_ISL_1132224, EPI_ISL_1132227, EPI_ISL_1132260	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1132872, EPI_ISL_1132881, EPI_ISL_1132882, EPI_ISL_1132906	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1140512	General Hospital - Tetovo	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_1141754	General Hospital - Veles	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_1142172	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1143347	General Hospital - Tetovo	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_1147371, EPI_ISL_1147372, EPI_ISL_1147373, EPI_ISL_1147374, EPI_ISL_1147388, EPI_ISL_1147399, EPI_ISL_1147401, EPI_ISL_1147404, EPI_ISL_1147408, EPI_ISL_1147411, EPI_ISL_1147412			
see above	Labor Blackholm MVZ	Robert Koch Institute	unknown
EPI_ISL_1147723	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1148042, EPI_ISL_1148046, EPI_ISL_1148051	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1148215, EPI_ISL_1148223	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1148232	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1148255	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1148275	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148283	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1148285	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1148293, EPI_ISL_1148296	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1148300	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148312	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148335, EPI_ISL_1148367,	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown

EPI_ISL_1148370			
EPI_ISL_1148379	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148385, EPI_ISL_1148397, EPI_ISL_1148403	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1148404	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148430	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148434	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1148451, EPI_ISL_1148455, EPI_ISL_1148459	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1148478	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1148479	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1148487, EPI_ISL_1148490, EPI_ISL_1148493	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1148499	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1148511, EPI_ISL_1148514, EPI_ISL_1148516, EPI_ISL_1148517, EPI_ISL_1148520, EPI_ISL_1148522, EPI_ISL_1148526, EPI_ISL_1148528, EPI_ISL_1148535, EPI_ISL_1148536, EPI_ISL_1148537, EPI_ISL_1148538, EPI_ISL_1148542, EPI_ISL_1148544, EPI_ISL_1148551, EPI_ISL_1148553			
see above	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1148731	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148757	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148768, EPI_ISL_1148779, EPI_ISL_1148799, EPI_ISL_1148806	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148836	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148846, EPI_ISL_1148851, EPI_ISL_1148852, EPI_ISL_1148855	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148865	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1148871	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148888	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148925, EPI_ISL_1148934, EPI_ISL_1148947	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148954	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1148977	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148982	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1149026, EPI_ISL_1149028	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149033	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1149034	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149044	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1149045, EPI_ISL_1149047	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149056	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1149067	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149071	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1149272, EPI_ISL_1149276, EPI_ISL_1149279	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1149343, EPI_ISL_1149345	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1149363, EPI_ISL_1149373	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1149384	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1149385, EPI_ISL_1149391, EPI_ISL_1149394	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1149397	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1149399	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1149419	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1149429	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1149434	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1149458, EPI_ISL_1149476, EPI_ISL_1149487	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1150021, EPI_ISL_1150028	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150029	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1150039	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150041, EPI_ISL_1150042, EPI_ISL_1150043	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150047	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown

EPI_ISL_1150055	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150061	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150062, EPI_ISL_1150077	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150081	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1150088, EPI_ISL_1150101	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150112	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150113	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150114	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150117	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150120, EPI_ISL_1150127, EPI_ISL_1150133	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150137	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1150142	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150143, EPI_ISL_1150148	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150158	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1150161	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150168, EPI_ISL_1150176	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150187	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150190	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150196	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150203	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1150207	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150209	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150222	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1150223	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150230, EPI_ISL_1150233	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1150253	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150257, EPI_ISL_1150267	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150271	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150282, EPI_ISL_1150284	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1150290	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150294, EPI_ISL_1150296	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150297, EPI_ISL_1150298, EPI_ISL_1150304, EPI_ISL_1150306, EPI_ISL_1150325, EPI_ISL_1150326	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150329	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150331, EPI_ISL_1150333	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150342	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1150343	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150350	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150357	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150358	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150359	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150365, EPI_ISL_1150378	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150380, EPI_ISL_1150386	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150705	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1150712	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1150719	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1150735	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150745	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150753	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1150771	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150776, EPI_ISL_1150792, EPI_ISL_1150804, EPI_ISL_1150807	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150815	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1150835	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1150838	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1150846	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150874	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150884, EPI_ISL_1150892,	SYNLAB MVZ Trier	Robert Koch Institute	unknown

EPI_ISL_1150893, EPI_ISL_1150902			
EPI_ISL_1150907	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1150912	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150916	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150928	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1150930	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150951, EPI_ISL_1150958	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150964	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1150969	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150971	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150973	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150974	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1150978	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150988	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1150991, EPI_ISL_1150993	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150998, EPI_ISL_1150999, EPI_ISL_1151012, EPI_ISL_1151020	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151021	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151023, EPI_ISL_1151034	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151041	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1151050	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151053	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151054	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151057	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151058	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151060, EPI_ISL_1151061, EPI_ISL_1151062	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151064	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151066	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151067	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1151068	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151071, EPI_ISL_1151072	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151074	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151075, EPI_ISL_1151078	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151080	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151081	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151083	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151086, EPI_ISL_1151087	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151088	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151089	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151090, EPI_ISL_1151091, EPI_ISL_1151094	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151095	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151099	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151100	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151103, EPI_ISL_1151104	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151108	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151110	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151111	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151113	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151116	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151117	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151118, EPI_ISL_1151119, EPI_ISL_1151120, EPI_ISL_1151122, EPI_ISL_1151125, EPI_ISL_1151126	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151127	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151128	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151129, EPI_ISL_1151132	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151133	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151135	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1151136	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151138	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151139	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151141	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151142, EPI_ISL_1151143, EPI_ISL_1151144	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151146	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151147, EPI_ISL_1151150	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151151	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151155	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151158	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151161	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151164	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151165	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151167, EPI_ISL_1151169, EPI_ISL_1151172	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151175	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151178, EPI_ISL_1151179	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151180	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151182, EPI_ISL_1151184, EPI_ISL_1151185, EPI_ISL_1151187, EPI_ISL_1151188, EPI_ISL_1151192, EPI_ISL_1151193, EPI_ISL_1151195	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151196	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151197	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151199	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151200	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151201	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151202, EPI_ISL_1151204, EPI_ISL_1151207, EPI_ISL_1151211, EPI_ISL_1151212, EPI_ISL_1151213, EPI_ISL_1151215, EPI_ISL_1151216, EPI_ISL_1151217, EPI_ISL_1151218	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151222, EPI_ISL_1151223	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151225	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1151226, EPI_ISL_1151227, EPI_ISL_1151229, EPI_ISL_1151231, EPI_ISL_1151232	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151233	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151234, EPI_ISL_1151235, EPI_ISL_1151236, EPI_ISL_1151240, EPI_ISL_1151241	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151242, EPI_ISL_1151245, EPI_ISL_1151246	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151247	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151248	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151249	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151251, EPI_ISL_1151253, EPI_ISL_1151257	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151261	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151265	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151266, EPI_ISL_1151267, EPI_ISL_1151269, EPI_ISL_1151271	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151272	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151273	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151276	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151279	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151280	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151284	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151285, EPI_ISL_1151289	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151290	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151291	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151292, EPI_ISL_1151293	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151294	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1151296	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1151299, EPI_ISL_1151301	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151302, EPI_ISL_1151304	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151305, EPI_ISL_1151308, EPI_ISL_1151311	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151313	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151314, EPI_ISL_1151316, EPI_ISL_1151319, EPI_ISL_1151320, EPI_ISL_1151321	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151322	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151323	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151324, EPI_ISL_1151325, EPI_ISL_1151327	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151328	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151329, EPI_ISL_1151331	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151334, EPI_ISL_1151335, EPI_ISL_1151338	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151341	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151343	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151348	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151350	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151351	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151352	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151353	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151354	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151355	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151357	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151358	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151359	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151360	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151361, EPI_ISL_1151362, EPI_ISL_1151363, EPI_ISL_1151364, EPI_ISL_1151365, EPI_ISL_1151366, EPI_ISL_1151368	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151369	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1151372, EPI_ISL_1151374, EPI_ISL_1151375	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151376	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151377, EPI_ISL_1151381	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151384	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151385	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1151387, EPI_ISL_1151388	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151390	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151392	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151394	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151417, EPI_ISL_1151418, EPI_ISL_1151420, EPI_ISL_1151424, EPI_ISL_1151426, EPI_ISL_1151431, EPI_ISL_1151433, EPI_ISL_1151435	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151438	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1151439	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151440, EPI_ISL_1151441, EPI_ISL_1151442	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151444	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151445, EPI_ISL_1151449, EPI_ISL_1151453, EPI_ISL_1151454, EPI_ISL_1151456, EPI_ISL_1151460, EPI_ISL_1151466, EPI_ISL_1151472, EPI_ISL_1151473	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151476	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151478	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151479	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151483, EPI_ISL_1151487, EPI_ISL_1151488, EPI_ISL_1151492	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151493	SYNLAB MVZ Dachau	Robert Koch Institute	unknown

EPI_ISL_1151498	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151501	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151504	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151508	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151509	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151514	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151517	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151521, EPI_ISL_1151523	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1151524, EPI_ISL_1151526, EPI_ISL_1151531, EPI_ISL_1151532, EPI_ISL_1151535	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151539	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151544	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151548	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151550	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151551	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151553, EPI_ISL_1151555	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151559	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151561, EPI_ISL_1151564, EPI_ISL_1151569, EPI_ISL_1151571, EPI_ISL_1151573, EPI_ISL_1151575	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151583, EPI_ISL_1151587	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151590, EPI_ISL_1151591	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151594	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151595, EPI_ISL_1151598, EPI_ISL_1151601	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151604	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151605, EPI_ISL_1151606	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151611	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151612, EPI_ISL_1151615, EPI_ISL_1151625	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151626	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151628	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151630, EPI_ISL_1151632, EPI_ISL_1151633, EPI_ISL_1151635, EPI_ISL_1151642	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151644	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1151647, EPI_ISL_1151650	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151653	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151654, EPI_ISL_1151655	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151656, EPI_ISL_1151658, EPI_ISL_1151660, EPI_ISL_1151664	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151667	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151668	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151671, EPI_ISL_1151673	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151677	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151678	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151679	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151680	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1151682	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151684	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151686	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151691	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151695	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151699	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151700, EPI_ISL_1151706, EPI_ISL_1151708	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151709	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151710	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151712	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151714, EPI_ISL_1151716, EPI_ISL_1151719, EPI_ISL_1151723	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1151724	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151727, EPI_ISL_1151728, EPI_ISL_1151731, EPI_ISL_1151734	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151735	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1151737, EPI_ISL_1151742, EPI_ISL_1151743	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151746	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151748	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151749	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151750, EPI_ISL_1151754	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151756	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151758	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151760	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1151765	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151766	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151767, EPI_ISL_1151768	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1151769, EPI_ISL_1151770	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151983	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1152011	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1152013	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1152017, EPI_ISL_1152019, EPI_ISL_1152027, EPI_ISL_1152029, EPI_ISL_1152033, EPI_ISL_1152035, EPI_ISL_1152038, EPI_ISL_1152040	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1152639, EPI_ISL_1152646, EPI_ISL_1152650	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152656	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152681	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152682, EPI_ISL_1152684, EPI_ISL_1152693, EPI_ISL_1152700, EPI_ISL_1152706, EPI_ISL_1152707, EPI_ISL_1152732, EPI_ISL_1152745, EPI_ISL_1152764	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152768	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152769, EPI_ISL_1152771, EPI_ISL_1152795	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152815	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152827	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1152834	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1152847, EPI_ISL_1152850, EPI_ISL_1152854	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153247	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	unknown
EPI_ISL_1153267, EPI_ISL_1153282, EPI_ISL_1153295, EPI_ISL_1153306	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1153325	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153342	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1153361	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1153362	MVZ Labor Dortmund	Robert Koch Institute	unknown
EPI_ISL_1153377	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1153385	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153386	MVZ Labor Dortmund	Robert Koch Institute	unknown
EPI_ISL_1153390, EPI_ISL_1153401	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1153407	MVZ Labor Dortmund	Robert Koch Institute	unknown
EPI_ISL_1153414	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153427	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1153431	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153437	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1153447	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1153463	Helios Universitätsklinikum Wuppertal: Universität Witten/Herdecke: Institut für Medizinische Labordiagnostik	Robert Koch Institute	unknown
EPI_ISL_1153573	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153939, EPI_ISL_1153946, EPI_ISL_1153947, EPI_ISL_1153948,	MVZ Labor Krone GbR	Robert Koch Institute	unknown

EPI_ISL_1153950, EPI_ISL_1153952, EPI_ISL_1153954, EPI_ISL_1153958, EPI_ISL_1153961			
EPI_ISL_1154202	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1154217	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1154223	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154247	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1154253	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154255, EPI_ISL_1154259, EPI_ISL_1154358	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154403	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1154411	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154420, EPI_ISL_1154426, EPI_ISL_1154438	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154443	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1154489	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1154522, EPI_ISL_1154533, EPI_ISL_1154668	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154714	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1154796, EPI_ISL_1154810, EPI_ISL_1154812, EPI_ISL_1154817, EPI_ISL_1154860, EPI_ISL_1154899, EPI_ISL_1155001, EPI_ISL_1155054, EPI_ISL_1155058, EPI_ISL_1155085, EPI_ISL_1155133			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155174	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1155205, EPI_ISL_1155217, EPI_ISL_1155227, EPI_ISL_1155233	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1155331	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1155534	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155537	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1155538	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155545	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1155546	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155652, EPI_ISL_1155688, EPI_ISL_1155904	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1156177, EPI_ISL_1156180, EPI_ISL_1156188, EPI_ISL_1156191, EPI_ISL_1156193, EPI_ISL_1156204, EPI_ISL_1156206, EPI_ISL_1156207, EPI_ISL_1156210, EPI_ISL_1156211, EPI_ISL_1156219, EPI_ISL_1156220, EPI_ISL_1156227, EPI_ISL_1156233, EPI_ISL_1156238, EPI_ISL_1156258, EPI_ISL_1156306, EPI_ISL_1156313, EPI_ISL_1156315, EPI_ISL_1156326, EPI_ISL_1156328			
see above	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1156387, EPI_ISL_1156397	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156400	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156765	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156789	amedes MVZ für Laboratoriumsmedizin Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156797	amedes MVZ für Laboratoriumsmedizin Rhein/Ruhr	Robert Koch Institute	unknown
EPI_ISL_1156863	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156912	amedes MVZ für Laboratoriumsmedizin Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156953, EPI_ISL_1156955, EPI_ISL_1156958	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1157061	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1157129	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1157179, EPI_ISL_1157182, EPI_ISL_1157185, EPI_ISL_1157192, EPI_ISL_1157194, EPI_ISL_1157196, EPI_ISL_1157202	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1157279, EPI_ISL_1157288, EPI_ISL_1157299, EPI_ISL_1157310, EPI_ISL_1157320, EPI_ISL_1157322, EPI_ISL_1157325, EPI_ISL_1157326, EPI_ISL_1157329, EPI_ISL_1157330, EPI_ISL_1157333, EPI_ISL_1157338, EPI_ISL_1157340, EPI_ISL_1157344, EPI_ISL_1157347, EPI_ISL_1157348, EPI_ISL_1157350, EPI_ISL_1157353, EPI_ISL_1157354, EPI_ISL_1157357			
see above	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1157364	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1157827, EPI_ISL_1157828, EPI_ISL_1157831, EPI_ISL_1157837, EPI_ISL_1157840, EPI_ISL_1157842, EPI_ISL_1157843, EPI_ISL_1157845	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1158036, EPI_ISL_1158079, EPI_ISL_1158080, EPI_ISL_1158081, EPI_ISL_1158082, EPI_ISL_1158083, EPI_ISL_1158084, EPI_ISL_1158085, EPI_ISL_1158086, EPI_ISL_1158089, EPI_ISL_1158090, EPI_ISL_1158091, EPI_ISL_1158092, EPI_ISL_1158093, EPI_ISL_1158094, EPI_ISL_1158095, EPI_ISL_1158096, EPI_ISL_1158097, EPI_ISL_1158098, EPI_ISL_1158099, EPI_ISL_1158100, EPI_ISL_1158101, EPI_ISL_1158102, EPI_ISL_1158103, EPI_ISL_1158104, EPI_ISL_1158152, EPI_ISL_1158153, EPI_ISL_1158154, EPI_ISL_1158155, EPI_ISL_1158180, EPI_ISL_1158181, EPI_ISL_1158182, EPI_ISL_1158183, EPI_ISL_1158184, EPI_ISL_1158185, EPI_ISL_1158186, EPI_ISL_1158187, EPI_ISL_1158188, EPI_ISL_1158189, EPI_ISL_1158190, EPI_ISL_1158191, EPI_ISL_1158192, EPI_ISL_1158193, EPI_ISL_1158194, EPI_ISL_1158195, EPI_ISL_1158196, EPI_ISL_1158197, EPI_ISL_1158198, EPI_ISL_1158226, EPI_ISL_1158227, EPI_ISL_1158228, EPI_ISL_1158504, EPI_ISL_1158505, EPI_ISL_1158506, EPI_ISL_1158507, EPI_ISL_1158508, EPI_ISL_1158509, EPI_ISL_1158510, EPI_ISL_1158511, EPI_ISL_1158512, EPI_ISL_1158513, EPI_ISL_1158514, EPI_ISL_1158515, EPI_ISL_1158516, EPI_ISL_1158517, EPI_ISL_1158518, EPI_ISL_1158519, EPI_ISL_1158544, EPI_ISL_1158545, EPI_ISL_1158546			
see above	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_1158803, EPI_ISL_1158804, EPI_ISL_1158805, EPI_ISL_1158806, EPI_ISL_1158808	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_1159392, EPI_ISL_1159394, EPI_ISL_1159395	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_1163671, EPI_ISL_1163677, EPI_ISL_1163679, EPI_ISL_1163680, EPI_ISL_1163681, EPI_ISL_1163682, EPI_ISL_1163683	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallory Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1163692	UOC Microbiologia e Virologia, Azienda Ospedaliera Universitaria Senese, Siena, Italy	Dipartimento di Biotecnologie Mediche	Maria Grazia Cusi, David Pinzauti, Claudia Gandolfo, Gabriele Anichini, Gianni Pozzi, Gianni Gori Savellini, Francesco Santoro
EPI_ISL_1163799	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise *G. Caporale*	Mencacci A., Camilloni B., Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1163848, EPI_ISL_1163886	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1164484, EPI_ISL_1164492, EPI_ISL_1164493, EPI_ISL_1164494, EPI_ISL_1164495, EPI_ISL_1164499, EPI_ISL_1164500, EPI_ISL_1164504, EPI_ISL_1164505, EPI_ISL_1164506, EPI_ISL_1164507, EPI_ISL_1164509, EPI_ISL_1164521	see above	see above	see above
EPI_ISL_1165031, EPI_ISL_1165062	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_1165144, EPI_ISL_1165145, EPI_ISL_1165151, EPI_ISL_1165153, EPI_ISL_1165156, EPI_ISL_1165157, EPI_ISL_1165159, EPI_ISL_1165160, EPI_ISL_1165163, EPI_ISL_1165164, EPI_ISL_1165167, EPI_ISL_1165168, EPI_ISL_1165176, EPI_ISL_1165177, EPI_ISL_1165178, EPI_ISL_1165179, EPI_ISL_1165180, EPI_ISL_1165182, EPI_ISL_1165183, EPI_ISL_1165184, EPI_ISL_1165185, EPI_ISL_1165205, EPI_ISL_1165206, EPI_ISL_1165208, EPI_ISL_1165210, EPI_ISL_1165232, EPI_ISL_1165286, EPI_ISL_1165311, EPI_ISL_1165312, EPI_ISL_1165316, EPI_ISL_1165360, EPI_ISL_1165368, EPI_ISL_1165374, EPI_ISL_1165395, EPI_ISL_1165396, EPI_ISL_1165397, EPI_ISL_1165398, EPI_ISL_1165405, EPI_ISL_1165406, EPI_ISL_1165413, EPI_ISL_1165415, EPI_ISL_1165476, EPI_ISL_1165534, EPI_ISL_1165535, EPI_ISL_1165540, EPI_ISL_1165550	see above	see above	see above
EPI_ISL_1165812	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_1167307	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_1167568, EPI_ISL_1167569, EPI_ISL_1167570, EPI_ISL_1167571, EPI_ISL_1167572	Laboratoire de santé publique du Québec	Laboratoire de santé publique du Québec	Sandrine Moreira, Ioannis Ragoussis, Guillaume Bourque, Jesse Shapiro, Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group
EPI_ISL_1168340	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1169046	Academic Center for Pathomorphological and Genetic-Molecular Diagnostics Ltd, Bialystok, Poland	Academic Center for Pathomorphological and Genetic-Molecular Diagnostics Ltd, Bialystok, Poland	Radoslaw Charkiewicz, Przemyslaw Biecek, Jacek Nikliski, Joanna Resze
EPI_ISL_1169614, EPI_ISL_1169615	National Institute of Health Research and Development	National Institute of Health Research and Development	Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Uilly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1170143, EPI_ISL_1170144, EPI_ISL_1170145, EPI_ISL_1170146	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_1170147, EPI_ISL_1170148	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170150	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170151, EPI_ISL_1170153	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1170154, EPI_ISL_1170155, EPI_ISL_1170156, EPI_ISL_1170157, EPI_ISL_1170158	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170159	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1170161, EPI_ISL_1170162	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170163	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1170164, EPI_ISL_1170165, EPI_ISL_1170166, EPI_ISL_1170167, EPI_ISL_1170168, EPI_ISL_1170169, EPI_ISL_1170170, EPI_ISL_1170171, EPI_ISL_1170172, EPI_ISL_1170173, EPI_ISL_1170174, EPI_ISL_1170175	see above	see above	see above
EPI_ISL_1170176	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170180	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1171677, EPI_ISL_1171678, EPI_ISL_1171679, EPI_ISL_1171680, EPI_ISL_1171682, EPI_ISL_1171683, EPI_ISL_1171685, EPI_ISL_1171686, EPI_ISL_1171687, EPI_ISL_1171688, EPI_ISL_1171690, EPI_ISL_1171691, EPI_ISL_1171692, EPI_ISL_1171693, EPI_ISL_1171694, EPI_ISL_1171695, EPI_ISL_1171696, EPI_ISL_1171697, EPI_ISL_1171698, EPI_ISL_1171699, EPI_ISL_1171700, EPI_ISL_1171701	see above	see above	see above
EPI_ISL_1171970, EPI_ISL_1171971, EPI_ISL_1171972, EPI_ISL_1171974, EPI_ISL_1171975, EPI_ISL_1171976, EPI_ISL_1171982	UOC LAB ANALISI PO CARDARELLI CAMPOBASSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise *G. Caporale*	Scutellà M, Niro G, Felice V. 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_1172091, EPI_ISL_1172093	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1173773, EPI_ISL_1173804	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1174101, EPI_ISL_1174220	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_1176402, EPI_ISL_1176403, EPI_ISL_1176404, EPI_ISL_1176405, EPI_ISL_1176406, EPI_ISL_1176407, EPI_ISL_1176410, EPI_ISL_1176411, EPI_ISL_1176412, EPI_ISL_1176413, EPI_ISL_1176414, EPI_ISL_1176415, EPI_ISL_1176416, EPI_ISL_1176417, EPI_ISL_1176420, EPI_ISL_1176421, EPI_ISL_1176422	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_1176423, EPI_ISL_1176424, EPI_ISL_1176425, EPI_ISL_1176426, EPI_ISL_1176427, EPI_ISL_1176429, EPI_ISL_1176430, EPI_ISL_1176431, EPI_ISL_1176432, EPI_ISL_1176433, EPI_ISL_1176436, EPI_ISL_1176437, EPI_ISL_1176439, EPI_ISL_1176440, EPI_ISL_1176441, EPI_ISL_1176442, EPI_ISL_1176443, EPI_ISL_1176444, EPI_ISL_1176448, EPI_ISL_1176450, EPI_ISL_1176452, EPI_ISL_1176453, EPI_ISL_1176455, EPI_ISL_1176458, EPI_ISL_1176460, EPI_ISL_1176461, EPI_ISL_1176462, EPI_ISL_1176463, EPI_ISL_1176464, EPI_ISL_1176468, EPI_ISL_1176469, EPI_ISL_1176470, EPI_ISL_1176471, EPI_ISL_1176472, EPI_ISL_1176473, EPI_ISL_1176474, EPI_ISL_1176475, EPI_ISL_1176476, EPI_ISL_1176479, EPI_ISL_1176480, EPI_ISL_1176482, EPI_ISL_1176483, EPI_ISL_1176484, EPI_ISL_1176485, EPI_ISL_1176487, EPI_ISL_1176488, EPI_ISL_1176492, EPI_ISL_1176493, EPI_ISL_1176494, EPI_ISL_1176495, EPI_ISL_1176496, EPI_ISL_1176498, EPI_ISL_1176499, EPI_ISL_1176501, EPI_ISL_1176502, EPI_ISL_1176503, EPI_ISL_1176504, EPI_ISL_1176505, EPI_ISL_1176507, EPI_ISL_1176508, EPI_ISL_1176511, EPI_ISL_1176512, EPI_ISL_1176513, EPI_ISL_1176514, EPI_ISL_1176516, EPI_ISL_1176518, EPI_ISL_1176520, EPI_ISL_1176521, EPI_ISL_1176522, EPI_ISL_1176525, EPI_ISL_1176528, EPI_ISL_1176529, EPI_ISL_1176530, EPI_ISL_1176532, EPI_ISL_1176535, EPI_ISL_1176537, EPI_ISL_1176539, EPI_ISL_1176540, EPI_ISL_1176541, EPI_ISL_1176542, EPI_ISL_1176545, EPI_ISL_1176547, EPI_ISL_1176549, EPI_ISL_1176550, EPI_ISL_1176552, EPI_ISL_1176553, EPI_ISL_1176555, EPI_ISL_1176556, EPI_ISL_1176557, EPI_ISL_1176558, EPI_ISL_1176559, EPI_ISL_1176560, EPI_ISL_1176561, EPI_ISL_1176562, EPI_ISL_1176564, EPI_ISL_1176565, EPI_ISL_1176566, EPI_ISL_1176567, EPI_ISL_1176568, EPI_ISL_1176569, EPI_ISL_1176570, EPI_ISL_1176571, EPI_ISL_1176572, EPI_ISL_1176574, EPI_ISL_1176575, EPI_ISL_1176576, EPI_ISL_1176577, EPI_ISL_1176579, EPI_ISL_1176582, EPI_ISL_1176583, EPI_ISL_1176584, EPI_ISL_1176587, EPI_ISL_1176588, EPI_ISL_1176589, EPI_ISL_1176590, EPI_ISL_1176591, EPI_ISL_1176592, EPI_ISL_1176593, EPI_ISL_1176594, EPI_ISL_1176595, EPI_ISL_1176596, EPI_ISL_1176597, EPI_ISL_1176598, EPI_ISL_1176599, EPI_ISL_1176600, EPI_ISL_1176601, EPI_ISL_1176602, EPI_ISL_1176603, EPI_ISL_1176605, EPI_ISL_1176606, EPI_ISL_1176607, EPI_ISL_1176608, EPI_ISL_1176609, EPI_ISL_1176610, EPI_ISL_1176611, EPI_ISL_1176613, EPI_ISL_1176614, EPI_ISL_1176615, EPI_ISL_1176616, EPI_ISL_1176617, EPI_ISL_1176618, EPI_ISL_1176619, EPI_ISL_1176620, EPI_ISL_1176621, EPI_ISL_1176622, EPI_ISL_1176624, EPI_ISL_1176625, EPI_ISL_1176626, EPI_ISL_1176627, EPI_ISL_1176628, EPI_ISL_1176629, EPI_ISL_1176630, EPI_ISL_1176631, EPI_ISL_1176632, EPI_ISL_1176634, EPI_ISL_1176635, EPI_ISL_1176636, EPI_ISL_1176637, EPI_ISL_1176638, EPI_ISL_1176639, EPI_ISL_1176641, EPI_ISL_1176642, EPI_ISL_1176643, EPI_ISL_1176644, EPI_ISL_1176645, EPI_ISL_1176647, EPI_ISL_1176649, EPI_ISL_1176650, EPI_ISL_1176651, EPI_ISL_1176652, EPI_ISL_1176653, EPI_ISL_1176654, EPI_ISL_1176655, EPI_ISL_1176656, EPI_ISL_1176657, EPI_ISL_1176658, EPI_ISL_1176659, EPI_ISL_1176660, EPI_ISL_1176661, EPI_ISL_1176662, EPI_ISL_1176663, EPI_ISL_1176664, EPI_ISL_1176665, EPI_ISL_1176666, EPI_ISL_1176667, EPI_ISL_1176668, EPI_ISL_1176669, EPI_ISL_1176670, EPI_ISL_1176671, EPI_ISL_1176672, EPI_ISL_1176673, EPI_ISL_1176674, EPI_ISL_1176675, EPI_ISL_1176676, EPI_ISL_1176677, EPI_ISL_1176678, EPI_ISL_1176679, EPI_ISL_1176680, EPI_ISL_1176681, EPI_ISL_1176682, EPI_ISL_1176683, EPI_ISL_1176684, EPI_ISL_1176685, EPI_ISL_1176686, EPI_ISL_1176687, EPI_ISL_1176688, EPI_ISL_1176689, EPI_ISL_1176690, EPI_ISL_1176691, EPI_ISL_1176692, EPI_ISL_1176693, EPI_ISL_1176694, EPI_ISL_1176695, EPI_ISL_1176696, EPI_ISL_1176697, EPI_ISL_1176698, EPI_ISL_1176699, EPI_ISL_1176700, EPI_ISL_1176701, EPI_ISL_1176702, EPI_ISL_1176703, EPI_ISL_1176704, EPI_ISL_1176705, EPI_ISL_1176707, EPI_ISL_1176709, EPI_ISL_1176710, EPI_ISL_1176711, EPI_ISL_1176712, EPI_ISL_1176713, EPI_ISL_1176714, EPI_ISL_1176715, EPI_ISL_1176716, EPI_ISL_1176717, EPI_ISL_1176718, EPI_ISL_1176719, EPI_ISL_1176720, EPI_ISL_1176721, EPI_ISL_1176722, EPI_ISL_1176723, EPI_ISL_1176724, EPI_ISL_1176725, EPI_ISL_1176726, EPI_ISL_1176727, EPI_ISL_1176728, EPI_ISL_1176729, EPI_ISL_1176730, EPI_ISL_1176735, EPI_ISL_1176741, EPI_ISL_1176742, EPI_ISL_1176753, EPI_ISL_1176755, EPI_ISL_1176764, EPI_ISL_1176765, EPI_ISL_1176766, EPI_ISL_1176767, EPI_ISL_1176776, EPI_ISL_1176786, EPI_ISL_1176796, EPI_ISL_1176797, EPI_ISL_1176807	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_1176815, EPI_ISL_1176827		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_1176913, EPI_ISL_1176918, EPI_ISL_1176944, EPI_ISL_1176945, EPI_ISL_1176997, EPI_ISL_1177008, EPI_ISL_1177068, EPI_ISL_1177077, EPI_ISL_1177176, EPI_ISL_1177185, EPI_ISL_1177200, EPI_ISL_1177211, EPI_ISL_1177224	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_1177245, EPI_ISL_1177395		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_1177725, EPI_ISL_1177745		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_1177751, EPI_ISL_1177752, EPI_ISL_1177753, EPI_ISL_1177754, EPI_ISL_1177755, EPI_ISL_1177756, EPI_ISL_1177757, EPI_ISL_1177761, EPI_ISL_1177762, EPI_ISL_1177763		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_1177900, EPI_ISL_1177901, EPI_ISL_1177902, EPI_ISL_1177903		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_1178518, EPI_ISL_1178519, EPI_ISL_1178521, EPI_ISL_1178524, EPI_ISL_1178525, EPI_ISL_1178527, EPI_ISL_1178529, EPI_ISL_1178532, EPI_ISL_1178537, EPI_ISL_1178539, EPI_ISL_1178540, EPI_ISL_1178542, EPI_ISL_1178543, EPI_ISL_1178544, EPI_ISL_1178548	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1178607, EPI_ISL_1178610, EPI_ISL_1178611, EPI_ISL_1178612, EPI_ISL_1178613, EPI_ISL_1178614, EPI_ISL_1178615, EPI_ISL_1178616, EPI_ISL_1178617, EPI_ISL_1178618, EPI_ISL_1178619, EPI_ISL_1178622, EPI_ISL_1178655, EPI_ISL_1178657, EPI_ISL_1178658, EPI_ISL_1178659, EPI_ISL_1178660, EPI_ISL_1178661, EPI_ISL_1178663	see above	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_1178704		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_1178886		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 Kuchizene-Sumnerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1179652, EPI_ISL_1179653, EPI_ISL_1179654, EPI_ISL_1179655, EPI_ISL_1179656, EPI_ISL_1179657, EPI_ISL_1179658, EPI_ISL_1179659, EPI_ISL_1179660, EPI_ISL_1179661, EPI_ISL_1179662, EPI_ISL_1179663, EPI_ISL_1179664, EPI_ISL_1179665, EPI_ISL_1179666, EPI_ISL_1179667, EPI_ISL_1179668, EPI_ISL_1179669, EPI_ISL_1179674	see above	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_1179696, EPI_ISL_1179698		Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179699		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_1179701, EPI_ISL_1179703		Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179704, EPI_ISL_1179705		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_1179706		Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium

EPI_ISL_1179707	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_1179708	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179709	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_1179710	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179712	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_1179713	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179714	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_1179715	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179717	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_1179718	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179719	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_1179720	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179721, EPI_ISL_1179722	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_1179723	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179724	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_1179725	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179726	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_1179727	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179728, EPI_ISL_1179729	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_1179730	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1179731	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_1179732, EPI_ISL_1179735, EPI_ISL_1179737, EPI_ISL_1179740, EPI_ISL_1179742, EPI_ISL_1179745, EPI_ISL_1179749, EPI_ISL_1179752, EPI_ISL_1179754, EPI_ISL_1179757	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1180406	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1180832, EPI_ISL_1180835, EPI_ISL_1180836	Klinikum Wels-Grieskirchen	Berghaler 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 Berghaler
EPI_ISL_1180841, EPI_ISL_1180842, EPI_ISL_1180857, EPI_ISL_1180858, EPI_ISL_1180859, EPI_ISL_1180860, EPI_ISL_1180861, EPI_ISL_1180862, EPI_ISL_1180863, EPI_ISL_1180864, EPI_ISL_1180865			
see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Berghaler 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 Berghaler

EPI_ISL_1181132	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drweska-Matelska, Anna Brylak-Blaszkow, Aleksandra Gidlewicz, Karol Szeszko, Lukasz Krych, Michal Kaszuba
EPI_ISL_1181347, EPI_ISL_1181349	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; U.O.S.D. Laboratorio Analisi Distretto 4 Ovost AULSS 9 Scaligera, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Maria Pompilia Visconti, Rosa Sforza, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1181857, EPI_ISL_1181858, EPI_ISL_1181863, EPI_ISL_1181864	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1182048, EPI_ISL_1182049, EPI_ISL_1182050, EPI_ISL_1182054, EPI_ISL_1182055, EPI_ISL_1182056, EPI_ISL_1182061, EPI_ISL_1182062, EPI_ISL_1182063, EPI_ISL_1182064, EPI_ISL_1182065, EPI_ISL_1182066, EPI_ISL_1182067, EPI_ISL_1182068, EPI_ISL_1182069, EPI_ISL_1182070, EPI_ISL_1182071, EPI_ISL_1182072, EPI_ISL_1182073, EPI_ISL_1182074, EPI_ISL_1182075, EPI_ISL_1182076, EPI_ISL_1182081, EPI_ISL_1182082, EPI_ISL_1182083, EPI_ISL_1182084, EPI_ISL_1182085, EPI_ISL_1182086, EPI_ISL_1182087			
see above	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Matthew J. MacKay, Gaurav Khullar, Jessica Mett, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1184084, EPI_ISL_1184085, EPI_ISL_1184086, EPI_ISL_1184089	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, Eferm S. Lim
EPI_ISL_1184237	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1185716	IZSM	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Pellegrino Cerino Antonio Ballabio Davide Cacchiarelli
EPI_ISL_1185775	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1186111	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1186151, EPI_ISL_1186153	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1187078, EPI_ISL_1187151, EPI_ISL_1187168, EPI_ISL_1187181, EPI_ISL_1187212	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_1189843, EPI_ISL_1189864, EPI_ISL_1189884, EPI_ISL_1189891, EPI_ISL_1189962, EPI_ISL_1189967, EPI_ISL_1189970, EPI_ISL_1189971, EPI_ISL_1189985, EPI_ISL_1189995, EPI_ISL_1190003, EPI_ISL_1190004, EPI_ISL_1190011, EPI_ISL_1190046, EPI_ISL_1190066	see above	Randox Laboratories	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_1190956	West Tallinn Central Hospital laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.
EPI_ISL_1190993, EPI_ISL_1191012, EPI_ISL_1191037	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1191070	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1191643, EPI_ISL_1191673	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_1191707	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_1191755, EPI_ISL_1191756, EPI_ISL_1191757, EPI_ISL_1191758	Laboratory of virology and molecular diagnostics	Laboratory of virology and molecular diagnostics	Kuzmanovska Maja, Boshevka Golubinka, Janchevska Elizabeta
EPI_ISL_1192185	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192194, EPI_ISL_1192196	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192197	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192208, EPI_ISL_1192209	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192216, EPI_ISL_1192217, EPI_ISL_1192218	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192222	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192227	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1192228	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1193322, EPI_ISL_1193324, EPI_ISL_1193339, EPI_ISL_1193355, EPI_ISL_1193373	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri Debbie Boles, Ayla Burns, Nuthawin Chaorensiri, 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 Levandowski, 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 Zwielfelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1194442, EPI_ISL_1194445, EPI_ISL_1194447, EPI_ISL_1194449, EPI_ISL_1194450, EPI_ISL_1194451, EPI_ISL_1194452, EPI_ISL_1194470, EPI_ISL_1194473, EPI_ISL_1194476, EPI_ISL_1194483, EPI_ISL_1194485, EPI_ISL_1194486, EPI_ISL_1194487, EPI_ISL_1194490, EPI_ISL_1194494, EPI_ISL_1194495, EPI_ISL_1194496, EPI_ISL_1194504, EPI_ISL_1194506, EPI_ISL_1194515, EPI_ISL_1194538, EPI_ISL_1194540, EPI_ISL_1194543, EPI_ISL_1194546, EPI_ISL_1194548, EPI_ISL_1194559, EPI_ISL_1194561, EPI_ISL_1194564, EPI_ISL_1194567, EPI_ISL_1194570, EPI_ISL_1194573, EPI_ISL_1194575, EPI_ISL_1194578	see above	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_1194603	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Céline Maschietto; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1194817, EPI_ISL_1194818, EPI_ISL_1194841, EPI_ISL_1194842, EPI_ISL_1194843, EPI_ISL_1194844, EPI_ISL_1194846, EPI_ISL_1194847, EPI_ISL_1194848, EPI_ISL_1194850, EPI_ISL_1194851, EPI_ISL_1194853, EPI_ISL_1194854, EPI_ISL_1194855, EPI_ISL_1194856, EPI_ISL_1194857, EPI_ISL_1194858, EPI_ISL_1194860, EPI_ISL_1194861, EPI_ISL_1194862, EPI_ISL_1194863, EPI_ISL_1194865	see above	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 Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler

EPI_ISL_1195395	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinal Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1195661, EPI_ISL_1195662, EPI_ISL_1195668	Public Health Institute of Dubrovnik-Neretva County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1195705, EPI_ISL_1195706, EPI_ISL_1195707, EPI_ISL_1195708, EPI_ISL_1195709, EPI_ISL_1195710, EPI_ISL_1195711, EPI_ISL_1195712, EPI_ISL_1195713, EPI_ISL_1195714, EPI_ISL_1195715, EPI_ISL_1195717			
see above	Teaching Institute of Public Health of Split-Dalmatia County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1195718, EPI_ISL_1195719, EPI_ISL_1195720	University Hospital Centre Split	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1195737, EPI_ISL_1195738	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1196882, EPI_ISL_1196884	LA Office of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1197035	IZSM	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1197211, EPI_ISL_1197220, EPI_ISL_1197230, EPI_ISL_1197249, EPI_ISL_1197258, EPI_ISL_1197294, EPI_ISL_1197295, EPI_ISL_1197296, EPI_ISL_1197298, EPI_ISL_1197299, EPI_ISL_1197300, EPI_ISL_1197301, EPI_ISL_1197321, EPI_ISL_1197322, EPI_ISL_1197340, EPI_ISL_1197341, EPI_ISL_1197342, EPI_ISL_1197355			
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_1198794, EPI_ISL_1198796	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; U.O.S.D. Laboratorio Analisi Distretto 4 Ovest AULSS 9 Scaligera, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Maria Pompilia Visconti, Rosa Sforza, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1200667, EPI_ISL_1200691, EPI_ISL_1200698, EPI_ISL_1200702, EPI_ISL_1200705, EPI_ISL_1200711, EPI_ISL_1200712, EPI_ISL_1200713, EPI_ISL_1200717, EPI_ISL_1200718, EPI_ISL_1200721, EPI_ISL_1200761, EPI_ISL_1200798, EPI_ISL_1200808, EPI_ISL_1200813, EPI_ISL_1200818, EPI_ISL_1200824, EPI_ISL_1200847			
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_1200905	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201560	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1201599, EPI_ISL_1201601, EPI_ISL_1201605, EPI_ISL_1201606, EPI_ISL_1201611, EPI_ISL_1201612, EPI_ISL_1201613, EPI_ISL_1201616, EPI_ISL_1201617	Regionalne Centrum Kwiadowstwa i Krwolecznictwa w Biaymstoku Pracownia Diagnostyki Molekularnej wirusa SARS-CoV-2	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_1201672, EPI_ISL_1201676	WSSE	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_1201689, EPI_ISL_1201692, EPI_ISL_1201693	Bruss	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_1201695, EPI_ISL_1201696, EPI_ISL_1201697	UCK	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_1201741	WSSE Olsztyn	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_1201750, EPI_ISL_1201751, EPI_ISL_1201752	OM WSSE Wroclaw	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1201876, EPI_ISL_1201877, EPI_ISL_1201879	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_1203824, EPI_ISL_1203831	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_1206082, EPI_ISL_1206125, EPI_ISL_1206128, EPI_ISL_1206133, EPI_ISL_1206143, EPI_ISL_1206153, EPI_ISL_1206161, EPI_ISL_1206194, EPI_ISL_1206214, EPI_ISL_1206227, EPI_ISL_1206229, EPI_ISL_1206235, EPI_ISL_1206236, EPI_ISL_1206246, EPI_ISL_1206247, EPI_ISL_1206259, EPI_ISL_1206276, EPI_ISL_1206283, EPI_ISL_1206300, EPI_ISL_1206437			
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_1208430, EPI_ISL_1208815	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, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1210615, EPI_ISL_1210624	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1210718, EPI_ISL_1210724, EPI_ISL_1210742	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1211182	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1211250	Gesundheitszentrum Brandenburg an der Havel GmbH bzw. Institut für Laboratoriumsmedizin Brandenburg an der Havel	Robert Koch Institute	unknown
EPI_ISL_1211891	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1212566	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1212907	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1214125	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1214293, EPI_ISL_1214358, EPI_ISL_1214368, EPI_ISL_1214426, EPI_ISL_1214438, EPI_ISL_1214440, EPI_ISL_1214476, EPI_ISL_1214555, EPI_ISL_1214598, EPI_ISL_1214604, EPI_ISL_1214665, EPI_ISL_1214676, EPI_ISL_1214690, EPI_ISL_1214694, EPI_ISL_1214698, EPI_ISL_1214717, EPI_ISL_1214754, EPI_ISL_1214788, EPI_ISL_1214826, EPI_ISL_1214841, EPI_ISL_1214855, EPI_ISL_1214857, EPI_ISL_1214872, EPI_ISL_1214874, EPI_ISL_1214924, EPI_ISL_1214956, EPI_ISL_1214959, EPI_ISL_1214976, EPI_ISL_1214981, EPI_ISL_1214985, EPI_ISL_1215006, EPI_ISL_1215053, EPI_ISL_1215070, EPI_ISL_1215130, EPI_ISL_1215145, EPI_ISL_1215148, EPI_ISL_1215158, EPI_ISL_1215163, EPI_ISL_1215371, EPI_ISL_1215399, EPI_ISL_1215406, EPI_ISL_1215417, EPI_ISL_1215418	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 Brezmes-Valdivieso, Gregoria Megías Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza	
see above	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 Brezmes-Valdivieso, Gregoria Megías Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza

EPI_ISL_1215711	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215776	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1216043	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1216216	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1216298	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1216306	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1216345	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_1216377	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1216425, EPI_ISL_1216426, EPI_ISL_1216429	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1216450	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1216452	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1216577, EPI_ISL_1216638	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1217867, EPI_ISL_1217868, EPI_ISL_1217908, EPI_ISL_1217911, EPI_ISL_1217914, EPI_ISL_1217916	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_1217995	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218654, EPI_ISL_1218655, EPI_ISL_1218656, EPI_ISL_1218659, EPI_ISL_1218660, EPI_ISL_1218661, EPI_ISL_1218662, EPI_ISL_1218663, EPI_ISL_1218669, EPI_ISL_1218670, EPI_ISL_1218671, EPI_ISL_1218673, EPI_ISL_1218674, EPI_ISL_1218676, EPI_ISL_1218702, EPI_ISL_1218703, EPI_ISL_1218704, EPI_ISL_1218768, EPI_ISL_1218782, EPI_ISL_1218879			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219002, EPI_ISL_1219004, EPI_ISL_1219005, EPI_ISL_1219007	Platform BIS UZA/UAntwerpen (PLBIS)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1219322, EPI_ISL_1219342	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 Ansona, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219364	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 Ansona, Davids Fridmanis, Irena Meistere, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219783	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_1219803	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1220195, EPI_ISL_1220196, EPI_ISL_1220197	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_1223173, EPI_ISL_1223188, EPI_ISL_1223191, EPI_ISL_1223202, EPI_ISL_1223229, EPI_ISL_1223233, EPI_ISL_1223241, EPI_ISL_1223251, EPI_ISL_1223268, EPI_ISL_1223305, EPI_ISL_1223320, EPI_ISL_1223328, EPI_ISL_1223339, EPI_ISL_1223354, EPI_ISL_1223359, EPI_ISL_1223372, EPI_ISL_1223395, EPI_ISL_1223397, EPI_ISL_1223416, EPI_ISL_1223431, EPI_ISL_1224536, EPI_ISL_1224578, EPI_ISL_1224582, EPI_ISL_1224611, EPI_ISL_1224676, EPI_ISL_1224677			
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_1224818	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224884	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224952, EPI_ISL_1224953, EPI_ISL_1224954, EPI_ISL_1224955, EPI_ISL_1224956	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_1225184	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225240	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225661	Connecticut DPH	Grubaguh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Anthony Muyombwe, Randy Downing, Jafar Razeq, Stephen M. Bart, Nathan Grubaguh
EPI_ISL_1226487, EPI_ISL_1226495, EPI_ISL_1226533	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_1226548, EPI_ISL_1226549	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_1226557	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_1226561, EPI_ISL_1226562	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_1226570	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_1226620, EPI_ISL_1226621, EPI_ISL_1226625, EPI_ISL_1226642, EPI_ISL_1226643, EPI_ISL_1226644, EPI_ISL_1226648, EPI_ISL_1226652	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_1226659	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_1226668	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_1228626, EPI_ISL_1228627	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 Kimg, Chae Young Lee, Jin Sun No, Eun-Jin Kim
EPI_ISL_1231556, EPI_ISL_1231558, EPI_ISL_1231559, EPI_ISL_1231563, EPI_ISL_1231564, EPI_ISL_1231566, EPI_ISL_1231567, EPI_ISL_1231568, EPI_ISL_1231570, EPI_ISL_1231571, EPI_ISL_1231572, EPI_ISL_1231574, EPI_ISL_1231575, EPI_ISL_1231576, EPI_ISL_1231578, EPI_ISL_1231579, EPI_ISL_1231580, EPI_ISL_1231582, EPI_ISL_1231665, EPI_ISL_1231667, EPI_ISL_1231668, EPI_ISL_1231669, EPI_ISL_1231671, EPI_ISL_1231672, EPI_ISL_1231673, EPI_ISL_1231674, EPI_ISL_1231676, EPI_ISL_1231677, EPI_ISL_1231679, EPI_ISL_1231695, EPI_ISL_1231696, EPI_ISL_1231697, EPI_ISL_1231699, EPI_ISL_1231700,			

EPI_ISL_1231701, EPI_ISL_1231703, EPI_ISL_1231704, EPI_ISL_1231705, EPI_ISL_1231707, EPI_ISL_1231708, EPI_ISL_1231709, EPI_ISL_1231711, EPI_ISL_1231712, EPI_ISL_1231713, EPI_ISL_1231715, EPI_ISL_1231733, EPI_ISL_1231734, EPI_ISL_1231736, EPI_ISL_1231737, EPI_ISL_1231738			
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1232306, EPI_ISL_1232523, EPI_ISL_1232729	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_1233314, EPI_ISL_1233325, EPI_ISL_1233341	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1237517, EPI_ISL_1237526, EPI_ISL_1237546, EPI_ISL_1237549, EPI_ISL_1237566, EPI_ISL_1237571, EPI_ISL_1237591, EPI_ISL_1237602, EPI_ISL_1237633, EPI_ISL_1237643, EPI_ISL_1237652, EPI_ISL_1237655, EPI_ISL_1237725, EPI_ISL_1237726, EPI_ISL_1237753, EPI_ISL_1237760			
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_1239565	WSSE Katowice	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowskya-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1240284	National Laboratory for Health, Environment and Food, OMM, Celje	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1242010, EPI_ISL_1242013, EPI_ISL_1242015	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_1242059, EPI_ISL_1242072, EPI_ISL_1242109, EPI_ISL_1242144, EPI_ISL_1242161, EPI_ISL_1242209, EPI_ISL_1242234	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_1242343, EPI_ISL_1243460, EPI_ISL_1243540, EPI_ISL_1243552, EPI_ISL_1243568	Randex Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randex Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1244870	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_1247022, EPI_ISL_1247023, EPI_ISL_1247024, EPI_ISL_1247027, EPI_ISL_1247030, EPI_ISL_1247032	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_1247373	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 Efunmoro, 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_1247443, EPI_ISL_1247444, EPI_ISL_1247447, EPI_ISL_1247448, EPI_ISL_1247449, EPI_ISL_1247450, EPI_ISL_1247451, EPI_ISL_1247453, EPI_ISL_1247454, EPI_ISL_1247455, EPI_ISL_1247456, EPI_ISL_1247457, EPI_ISL_1247458, EPI_ISL_1247459, EPI_ISL_1247460, EPI_ISL_1247486, EPI_ISL_1247487, EPI_ISL_1247488			
see above	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_1247664	West of Scotland Specialist Virology Centre, NHS GGC / 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_1247699, EPI_ISL_1247726, EPI_ISL_1247737, EPI_ISL_1247747	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_1247845, EPI_ISL_1247846, EPI_ISL_1247847, EPI_ISL_1247849, EPI_ISL_1247850, EPI_ISL_1247851, EPI_ISL_1247852, EPI_ISL_1247856, EPI_ISL_1247857, EPI_ISL_1247858, EPI_ISL_1247859, EPI_ISL_1247860, EPI_ISL_1247862, EPI_ISL_1247863			
see above	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 García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1247989, EPI_ISL_1248332	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_1248851, EPI_ISL_1248852, EPI_ISL_1248853, EPI_ISL_1248854, EPI_ISL_1248855, EPI_ISL_1248856, EPI_ISL_1248858, EPI_ISL_1248861, EPI_ISL_1248862	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_1249073, EPI_ISL_1249075, EPI_ISL_1249077, EPI_ISL_1249078, EPI_ISL_1249079, EPI_ISL_1249080, EPI_ISL_1249081, EPI_ISL_1249082, EPI_ISL_1249083, EPI_ISL_1249086, EPI_ISL_1249087, EPI_ISL_1249119, EPI_ISL_1249120, EPI_ISL_1249122, EPI_ISL_1249123, EPI_ISL_1249124, EPI_ISL_1249126, EPI_ISL_1249127, EPI_ISL_1249128, EPI_ISL_1249130, EPI_ISL_1249131, EPI_ISL_1249132, EPI_ISL_1249133, EPI_ISL_1249134, EPI_ISL_1249136, EPI_ISL_1249137, EPI_ISL_1249138, EPI_ISL_1249144, EPI_ISL_1249145, EPI_ISL_1249146, EPI_ISL_1249149, EPI_ISL_1249150			
see above	Oxford Viroomics, 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_1249265, EPI_ISL_1249266, EPI_ISL_1249267, EPI_ISL_1249268, EPI_ISL_1249269, EPI_ISL_1249270, EPI_ISL_1249271, EPI_ISL_1249272, EPI_ISL_1249274, EPI_ISL_1249275	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 García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1249467	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungulovski G. et al.
EPI_ISL_1250224, EPI_ISL_1250225, EPI_ISL_1250226, EPI_ISL_1250227, EPI_ISL_1250228, EPI_ISL_1250229, EPI_ISL_1250239, EPI_ISL_1250240	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_1250546	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlien MK

EPI_ISL_1252025, EPI_ISL_1252042	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_1252271	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1253543	HOPITAL NOTRE-DAME LA MISERICORDE	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_1254652	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Manzulli V., Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_1256410, EPI_ISL_1256416, EPI_ISL_1256431, EPI_ISL_1256433, EPI_ISL_1256440	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_1257064, EPI_ISL_1257074, EPI_ISL_1257075, EPI_ISL_1257077, EPI_ISL_1257083, EPI_ISL_1257090, EPI_ISL_1257094, EPI_ISL_1257095, EPI_ISL_1257099, EPI_ISL_1257100, EPI_ISL_1257101, EPI_ISL_1257111, EPI_ISL_1257122, EPI_ISL_1257124, EPI_ISL_1257126, EPI_ISL_1257128, EPI_ISL_1257137, EPI_ISL_1257140, EPI_ISL_1257141, EPI_ISL_1257142, EPI_ISL_1257143, EPI_ISL_1257149, EPI_ISL_1257155, EPI_ISL_1257157, EPI_ISL_1257170, EPI_ISL_1257177, EPI_ISL_1257179, EPI_ISL_1257187, EPI_ISL_1257195, EPI_ISL_1257201			
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_1257203	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, 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_1257210, EPI_ISL_1257215, EPI_ISL_1257217, EPI_ISL_1257234, EPI_ISL_1257238, EPI_ISL_1257239, EPI_ISL_1257243, EPI_ISL_1257244, EPI_ISL_1257250, EPI_ISL_1257270, EPI_ISL_1257271, EPI_ISL_1257277			
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_1258425	Elias Emergency University Hospital, Bucharest	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Corina Casangiu, Leontina Banica, Marius Surleac, Ovidiu Vlaicu, Ionelia Nicolae, Simona Paraschiv, Dan Otelea
EPI_ISL_1260635, EPI_ISL_1260636, EPI_ISL_1260637	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1260700, EPI_ISL_1260701, EPI_ISL_1260703	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_1261172, EPI_ISL_1261179, EPI_ISL_1261180, EPI_ISL_1261181, EPI_ISL_1261182, EPI_ISL_1261245, EPI_ISL_1261246, EPI_ISL_1261247, EPI_ISL_1261248, EPI_ISL_1261250, EPI_ISL_1261252, EPI_ISL_1261257, EPI_ISL_1261258, EPI_ISL_1261259, EPI_ISL_1261272, EPI_ISL_1261273, EPI_ISL_1261274, EPI_ISL_1261275, EPI_ISL_1261276, EPI_ISL_1261277, EPI_ISL_1261278, EPI_ISL_1261279, EPI_ISL_1261280, EPI_ISL_1261281, EPI_ISL_1261282, EPI_ISL_1261283, EPI_ISL_1261284, EPI_ISL_1261285, EPI_ISL_1261286, EPI_ISL_1261339, EPI_ISL_1261340, EPI_ISL_1261341, EPI_ISL_1261342, EPI_ISL_1261343, EPI_ISL_1261344, EPI_ISL_1261345, EPI_ISL_1261353, EPI_ISL_1261354, EPI_ISL_1261371, EPI_ISL_1261372, EPI_ISL_1261373, EPI_ISL_1261374, EPI_ISL_1261375, EPI_ISL_1261376, EPI_ISL_1261377, EPI_ISL_1261378, EPI_ISL_1261379, EPI_ISL_1261380, EPI_ISL_1261381, EPI_ISL_1261383, EPI_ISL_1261393			
see above	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_1261460, EPI_ISL_1261461, EPI_ISL_1261462	HOSPITAL COMARCAL DE MELILLA	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.Roman. S.
EPI_ISL_1261463	XERENCIA DE XESTIÓN INTEGRADA DE PONTEVEDRA E O SALNÉS	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.Trigo, M
EPI_ISL_1261464, EPI_ISL_1261465, EPI_ISL_1261466, EPI_ISL_1261467, EPI_ISL_1261468	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	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.Blazquez, A
EPI_ISL_1261469, EPI_ISL_1261470	HOSPITAL UNIV. MIGUEL SERVET	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. Milagro, A
EPI_ISL_1261481	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	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.Blazquez, A
EPI_ISL_1261868	Ospedale di Venere	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Iacobellis M., Ridolfi D., Giannico A.
EPI_ISL_1262069	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	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.Blazquez, A.
EPI_ISL_1262071, EPI_ISL_1262075	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	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. Blazquez, A.
EPI_ISL_1264906, EPI_ISL_1264907, EPI_ISL_1264908, EPI_ISL_1264909, EPI_ISL_1264910, EPI_ISL_1264911, EPI_ISL_1264912, EPI_ISL_1264913, EPI_ISL_1264914, EPI_ISL_1264915, EPI_ISL_1264916, EPI_ISL_1264917, EPI_ISL_1264918, EPI_ISL_1264919, EPI_ISL_1264921, EPI_ISL_1264922, EPI_ISL_1264923, EPI_ISL_1264924, EPI_ISL_1264925, EPI_ISL_1264926, EPI_ISL_1264928, EPI_ISL_1264929, EPI_ISL_1264930, EPI_ISL_1264931, EPI_ISL_1264932, EPI_ISL_1264933, EPI_ISL_1264934, EPI_ISL_1264935, EPI_ISL_1264936, EPI_ISL_1264937, EPI_ISL_1264938, EPI_ISL_1264939, EPI_ISL_1264941, EPI_ISL_1264942, EPI_ISL_1264943, EPI_ISL_1264945, EPI_ISL_1264946, EPI_ISL_1264948, EPI_ISL_1264949, EPI_ISL_1264950, EPI_ISL_1264951, EPI_ISL_1264953, EPI_ISL_1264954			
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_1265468, EPI_ISL_1265552	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_1265637, EPI_ISL_1265638	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_1272062, EPI_ISL_1272073	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_1272332, EPI_ISL_1272333	NS-QEII Health Sciences Centre	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Todd Hatchette, Jason LeBlanc, Janice Pettipas, Dan Gaston, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_1272431, EPI_ISL_1272459, EPI_ISL_1272460, EPI_ISL_1272461, EPI_ISL_1272462, EPI_ISL_1272464, EPI_ISL_1272465, EPI_ISL_1272481, EPI_ISL_1272492, EPI_ISL_1272493	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_1273215, EPI_ISL_1273216, EPI_ISL_1273217	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1273794, EPI_ISL_1273795	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_1273813, EPI_ISL_1273814	Regionalne Centrum Kwiadostwa i Kwiolecznictwa w Biaymstoku Pracownia Diagnostyki Molekularnej wirusa SARS-CoV-2	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_1278014	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1278090	Emory Molecular Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_1278112, EPI_ISL_1278113, EPI_ISL_1278114, EPI_ISL_1278115, EPI_ISL_1278116, EPI_ISL_1278117, EPI_ISL_1278118, EPI_ISL_1278119, EPI_ISL_1278120, EPI_ISL_1278121, EPI_ISL_1278122, EPI_ISL_1278123, EPI_ISL_1278124, EPI_ISL_1278125, EPI_ISL_1278126, EPI_ISL_1278127, EPI_ISL_1278128, EPI_ISL_1278129, EPI_ISL_1278130			
see above	NL-Dr. Leonard A. Miller Centre for Health Services	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, Robert Needle, Yang Yu, Adel Malek, Laura Gilbert, George Zahariadis, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, Kerri Smith, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_1278301, EPI_ISL_1278302, EPI_ISL_1278310, EPI_ISL_1278323, EPI_ISL_1278325, EPI_ISL_1278326, EPI_ISL_1278327, EPI_ISL_1278328	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 Brezmes-Valdivieso, Gregoria Megías Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1278454, EPI_ISL_1278475, EPI_ISL_1278482, EPI_ISL_1278490, EPI_ISL_1278494, EPI_ISL_1278577, EPI_ISL_1278578, EPI_ISL_1278593, EPI_ISL_1278612, EPI_ISL_1278658, EPI_ISL_1278682, EPI_ISL_1278692, EPI_ISL_1278693, EPI_ISL_1278694, EPI_ISL_1278695, EPI_ISL_1278819, EPI_ISL_1278862, EPI_ISL_1278881, EPI_ISL_1278900			
see above	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1279221	Microvida	Microvida	J. Stohr, S.D. Pas, J. Verweij
EPI_ISL_1279265	Unidad de Investigación Biomédica de Zacatecas (UIBZ)	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-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramírez-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 José Gonçalves, Torn Kortnik, Martin Boslij, Katarina Proscenc, Metka Paragi
EPI_ISL_1289809	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	
EPI_ISL_1290202, EPI_ISL_1290203, EPI_ISL_1290204, EPI_ISL_1290205, EPI_ISL_1290206, EPI_ISL_1290207, EPI_ISL_1290208, EPI_ISL_1290209, EPI_ISL_1290210, EPI_ISL_1290211, EPI_ISL_1290212, EPI_ISL_1290213, EPI_ISL_1290214, EPI_ISL_1290215, EPI_ISL_1290305, EPI_ISL_1290306, EPI_ISL_1290307, EPI_ISL_1290308, EPI_ISL_1290309, EPI_ISL_1290474, EPI_ISL_1290501			
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_1291198, EPI_ISL_1291200, EPI_ISL_1291201, EPI_ISL_1291202, EPI_ISL_1291203, EPI_ISL_1291204, EPI_ISL_1291205, EPI_ISL_1291206, EPI_ISL_1291247, EPI_ISL_1291249, EPI_ISL_1291250, EPI_ISL_1291252, EPI_ISL_1291253, EPI_ISL_1291254, EPI_ISL_1291255, EPI_ISL_1291256, EPI_ISL_1291257, EPI_ISL_1291258, EPI_ISL_1291259, EPI_ISL_1291260, EPI_ISL_1291263, EPI_ISL_1291294, EPI_ISL_1291295, EPI_ISL_1291302, EPI_ISL_1291303, EPI_ISL_1291304, EPI_ISL_1291305			
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandowski, 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_1291379, EPI_ISL_1291382, EPI_ISL_1291383, EPI_ISL_1291384, EPI_ISL_1291385, EPI_ISL_1291387, EPI_ISL_1291389, EPI_ISL_1291430, EPI_ISL_1291569, EPI_ISL_1291573	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1292976	Connecticut DPH	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Anthony Muyombwe, Randy Downing, Jafar Razeq, Stephen M. Bart, Nathan Grubaugh
EPI_ISL_1295176	Laboratory Diagnostics and Clinical Immunology of Developmental Age, Medical University of Warsaw	genXone SA, Research & Development Laboratory; The Faculty of Mathematics, Informatics and Mechanics of the University of Warsaw	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drweska-Matelska, Anna Brylak-Blaszkow, Aleksandra Gidlewicz, Karol Szeszko, Lukasz Krych, Michal Kaszuba, Anna Gambin, Urszula Demkow
EPI_ISL_1295640	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivary, 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_1295689, EPI_ISL_1295696, EPI_ISL_1295700, EPI_ISL_1295711, EPI_ISL_1295724, EPI_ISL_1295728	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1296622, EPI_ISL_1296623, EPI_ISL_1296624	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1298202, EPI_ISL_1298203, EPI_ISL_1298204, EPI_ISL_1298205, EPI_ISL_1298207, EPI_ISL_1298208, EPI_ISL_1298209, EPI_ISL_1298210, EPI_ISL_1298211, EPI_ISL_1298212, EPI_ISL_1298213, EPI_ISL_1298214, EPI_ISL_1298215, EPI_ISL_1298216, EPI_ISL_1298217, EPI_ISL_1298218, EPI_ISL_1298219, EPI_ISL_1298220, EPI_ISL_1298221, EPI_ISL_1298222, EPI_ISL_1298223, EPI_ISL_1298224, EPI_ISL_1298225			
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 Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1298235	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299287	Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr
EPI_ISL_1300807, EPI_ISL_1300808	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Ana S. Gonzalez-Reiche, Hala Alshammmary, Mitchell J. Sullivan, Brianne Ciferri, Ajay Obla, Angela Amoako, Mahmoud Awawda, Daniel Floda, Julia Matthews, Ashley Salimbangon, Levy Sominsky, Katherine Beach, Kayla Russo, Charles Gleason, Shelcie Fabre, Giulio Kleiner, Zenab Khan, Bremy Alburquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise 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_1301994, EPI_ISL_1301998, EPI_ISL_1301999, EPI_ISL_1302000, EPI_ISL_1302001, EPI_ISL_1302059,	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al

EPI_ISL_1302062, EPI_ISL_1302063			
EPI_ISL_1302700	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_1302863, EPI_ISL_1302864, EPI_ISL_1302865, EPI_ISL_1302866, EPI_ISL_1302867	ADMED Microbiology	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_1303079, EPI_ISL_1303094, EPI_ISL_1303095	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_1303389, EPI_ISL_1303390, EPI_ISL_1303391, EPI_ISL_1303392, EPI_ISL_1303393, EPI_ISL_1303394, EPI_ISL_1303395, EPI_ISL_1303397, EPI_ISL_1303403	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_1308023, EPI_ISL_1308024, EPI_ISL_1308025, EPI_ISL_1308033, EPI_ISL_1308034, EPI_ISL_1308035, EPI_ISL_1308045, EPI_ISL_1308046, EPI_ISL_1308053, EPI_ISL_1308054, EPI_ISL_1308055, EPI_ISL_1308065, EPI_ISL_1308066, EPI_ISL_1308076, EPI_ISL_1308077, EPI_ISL_1308078, EPI_ISL_1308086, EPI_ISL_1308087, EPI_ISL_1308088, EPI_ISL_1308098, EPI_ISL_1308099			
see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1308508	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_1308760, EPI_ISL_1308761, EPI_ISL_1308763, EPI_ISL_1308764, EPI_ISL_1308765, EPI_ISL_1308766, EPI_ISL_1308767, EPI_ISL_1308768, EPI_ISL_1308825, EPI_ISL_1308827, EPI_ISL_1308828			
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_1308939	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_1309059	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_1309468, EPI_ISL_1309469, EPI_ISL_1309471, EPI_ISL_1309474, EPI_ISL_1309475, EPI_ISL_1309612, EPI_ISL_1309613, EPI_ISL_1309614, EPI_ISL_1309615, EPI_ISL_1309616, EPI_ISL_1309617, EPI_ISL_1309618, EPI_ISL_1309620, EPI_ISL_1309622, EPI_ISL_1309640, EPI_ISL_1309642, EPI_ISL_1309643, EPI_ISL_1309646			
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_1309697	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_1309756, EPI_ISL_1309758, EPI_ISL_1309759, EPI_ISL_1309760, EPI_ISL_1309761, EPI_ISL_1309762, EPI_ISL_1309775	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, John Todd, Christophe Fraser
EPI_ISL_1310805, EPI_ISL_1310807	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1310921, EPI_ISL_1310946, EPI_ISL_1310948, EPI_ISL_1311062, EPI_ISL_1311127, EPI_ISL_1311188, EPI_ISL_1311189, EPI_ISL_1311190, EPI_ISL_1311211, EPI_ISL_1311212, EPI_ISL_1311274, EPI_ISL_1311290			
see above	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_1311868, EPI_ISL_1311874, EPI_ISL_1311885, EPI_ISL_1311890, EPI_ISL_1311900, EPI_ISL_1311909, EPI_ISL_1311942, EPI_ISL_1311943	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_1312111, EPI_ISL_1312112	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_1312952, EPI_ISL_1313084	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_1314972, EPI_ISL_1314978, EPI_ISL_1314979, EPI_ISL_1314980, EPI_ISL_1314981, EPI_ISL_1314982, EPI_ISL_1314983, EPI_ISL_1314984, EPI_ISL_1314985, EPI_ISL_1314986, EPI_ISL_1315016, EPI_ISL_1315017, EPI_ISL_1315018, EPI_ISL_1315019, EPI_ISL_1315020, EPI_ISL_1315021, EPI_ISL_1315022, EPI_ISL_1315023, EPI_ISL_1315024, EPI_ISL_1315025, EPI_ISL_1315026			
see above	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Tímotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1315074, EPI_ISL_1315075	Texas A&M College of Veterinary Medicine & Biomedical Sciences via Wisconsin Veterinary Diagnostic Laboratory, University of Wisconsin-Madison	Diagnostic Virology Laboratory, National Veterinary Services Laboratories, USDA1920 Dayton Avenue, Ames, IA 50010, USA	Kerrie M. Franzen, Mary L. Killian, Emily R. Love, Sarah A. Hamer, Gabriel L. Hamer, Ria R. Ghai, Casey Barton Behravesh, Ailam Lim
EPI_ISL_1317231	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_1317258, EPI_ISL_1317259	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_1317344	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_1317345	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_1317346, EPI_ISL_1317347	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes

EPI_ISL_1317348, EPI_ISL_1317585, EPI_ISL_1317603	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_1318227, EPI_ISL_1318240, EPI_ISL_1318242	LA Office of Public Health Laboratories	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_1318996, EPI_ISL_1318997	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_1321370, EPI_ISL_1321371	National Institute of Public Health	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Tímotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1321830, EPI_ISL_1321831, EPI_ISL_1321832, EPI_ISL_1321833, EPI_ISL_1321834, EPI_ISL_1321835, EPI_ISL_1321836	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1323462	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_1324065, EPI_ISL_1324066, EPI_ISL_1324078, EPI_ISL_1324089	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_1333185, EPI_ISL_1333187, EPI_ISL_1333195, EPI_ISL_1333202, EPI_ISL_1333223, EPI_ISL_1333230, EPI_ISL_1333246, EPI_ISL_1333278, EPI_ISL_1333279, EPI_ISL_1333283, EPI_ISL_1333284, EPI_ISL_1333292, EPI_ISL_1333318, EPI_ISL_1333329, EPI_ISL_1333346	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_1336984, EPI_ISL_1336985, EPI_ISL_1336987, EPI_ISL_1336988, EPI_ISL_1336991, EPI_ISL_1336992, EPI_ISL_1336993, EPI_ISL_1336994, EPI_ISL_1336995, EPI_ISL_1336996, EPI_ISL_1336997, EPI_ISL_1336998, EPI_ISL_1336999, EPI_ISL_1337000, EPI_ISL_1337001, EPI_ISL_1337002, EPI_ISL_1337003, EPI_ISL_1337005, EPI_ISL_1337006, EPI_ISL_1337007, EPI_ISL_1337008, EPI_ISL_1337030, EPI_ISL_1337117	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 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_1341031, EPI_ISL_1341043, EPI_ISL_1341050	1. Glowny Inspektorat Sanitarny; 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Diagnoston Laboratoria Lukasz Rabalski	Rabalski L., Gromowski, T., Mazur-Panasuk, N., Kowalski, M., Maciej Kosinski, Natalia Derewonko, Szulc, P., Sylwia Januszczak, Labaj, P.P., Pyrc, K.
EPI_ISL_1346646, EPI_ISL_1346647, EPI_ISL_1346651, EPI_ISL_1346673	Medical Laboratories Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez; Alexander Dilthey; Angelika Helmer; Torsten Houwaart; Lisanna Hülse; Christian Lange; Malte Kohns Vasconcelos; Nadine Lübke; Jessica Nicolai; Klaus Pfeffer; Daniel Strelow; Jörg Timm; Andreas Walker; Tobias Wienemann
EPI_ISL_1346859, EPI_ISL_1346860, EPI_ISL_1346861, EPI_ISL_1346863, EPI_ISL_1346865, EPI_ISL_1346866, EPI_ISL_1346869, EPI_ISL_1346872	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_1346986, EPI_ISL_1347103, EPI_ISL_1347111, EPI_ISL_1347118, EPI_ISL_1347123, EPI_ISL_1347125, EPI_ISL_1347129, EPI_ISL_1347135, EPI_ISL_1347137, EPI_ISL_1347144, EPI_ISL_1347146, EPI_ISL_1347181	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez; Alexander Dilthey; Patrick Finzer; Katrin Hoffmann; Torsten Houwaart; Lisanna Hülse; Malte Kohns Vasconcelos; Nadine Lübke; Jessica Nicolai; Klaus Pfeffer; Daniel Strelow; Jörg Timm; Andreas Walker; Tobias Wienemann; Rainer Zotz
EPI_ISL_1349105, EPI_ISL_1349130, EPI_ISL_1357077, EPI_ISL_1357078, EPI_ISL_1357081, EPI_ISL_1357082, EPI_ISL_1357084, EPI_ISL_1357088, EPI_ISL_1357102, EPI_ISL_1357113, EPI_ISL_1357117, EPI_ISL_1357122, EPI_ISL_1357137, EPI_ISL_1357163, EPI_ISL_1357176, EPI_ISL_1357178, EPI_ISL_1357194, EPI_ISL_1357201, EPI_ISL_1357202, EPI_ISL_1357208, EPI_ISL_1357213, EPI_ISL_1357218, EPI_ISL_1357220	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1360156, EPI_ISL_1360157, EPI_ISL_1360163, EPI_ISL_1360182	Hospital Universitari Bellvitge	Microbiology Department	Sara Marti, Aida Gonzalez-Diaz, Laura Calatayud, Jordi Niubó, Miguel Fernandez-Huerta, Carmen Ardanuy, Jordi Camara, M Angeles Dominguez
EPI_ISL_1361520	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 Sempri, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa, Massimiliano Chetta, Marina Tarstano, Giusy Giordano, Marcello Ametrano, Mariano Fiorenza, Caivano Antonella, D'Auria Fiorella, De Luca Luciana.
EPI_ISL_1361531, EPI_ISL_1361532, EPI_ISL_1361583	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 Sempri, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1363897, EPI_ISL_1363898, EPI_ISL_1363899, EPI_ISL_1363900, EPI_ISL_1363901, EPI_ISL_1363902, EPI_ISL_1363977, EPI_ISL_1364014, EPI_ISL_1364015, EPI_ISL_1364016, EPI_ISL_1364031, EPI_ISL_1364032, EPI_ISL_1364033, EPI_ISL_1364034, EPI_ISL_1364035, EPI_ISL_1364036, EPI_ISL_1364146, EPI_ISL_1364147, EPI_ISL_1364159, EPI_ISL_1364160, EPI_ISL_1364163, EPI_ISL_1364164, EPI_ISL_1364165, EPI_ISL_1364167, EPI_ISL_1364168, EPI_ISL_1364176, EPI_ISL_1364177, EPI_ISL_1364178, EPI_ISL_1364347, EPI_ISL_1364349, EPI_ISL_1364353, EPI_ISL_1364362, EPI_ISL_1364364, EPI_ISL_1364419, EPI_ISL_1364420	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_1364526	Stanford Health Care	Stanford University School of Medicine, Clinical Virology	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Becky Jiang, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin

		Laboratory	A. Pinsky
EPI_ISL_1364911	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364930	Universitätsklinikum Knappschafts-Krankenhaus Bochum	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364931	Bundeswehrkrankenhaus Ulm	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365025	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Chantal Akoua-Koffi, Diané Bamourou, Etilé Aneh, Oby Wayoro, Safiatou Karidioula, Adjaratou Traoré, Soundélé Maité, Monemo Pacome, Coulibaly Mbegan, Bamba Fatoumata Touré, Kra Ouffoué, Grit Schubert, Essia Belarbi, Fabian Leendertz
EPI_ISL_1367142	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1369319	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_1370371	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pilonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370625, EPI_ISL_1371658, EPI_ISL_1371664	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_1372920, EPI_ISL_1372944	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_1374602	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1378833	Instituto de Medicina Tropical & Salud Global Universidad Iberoamericana	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Robert Paulino-Ramirez, Alejandro Vallejo Degaudenzi, Victor Virgilio Calderon, Elisa Contreras, Esperanza Mendoza, Nathan Grubaugh
EPI_ISL_1380805, EPI_ISL_1380806, EPI_ISL_1380810, EPI_ISL_1380811, EPI_ISL_1380812, EPI_ISL_1380956, EPI_ISL_1380957, EPI_ISL_1380958, EPI_ISL_1380961, EPI_ISL_1380963, EPI_ISL_1380964	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1381319, EPI_ISL_1381320, EPI_ISL_1381321, EPI_ISL_1381323, EPI_ISL_1381326, EPI_ISL_1381342, EPI_ISL_1381343, EPI_ISL_1381344, EPI_ISL_1381345, EPI_ISL_1381346, EPI_ISL_1381347, EPI_ISL_1381348, EPI_ISL_1381350, EPI_ISL_1381352, EPI_ISL_1381353, EPI_ISL_1381355	see above	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Sorin Dinu, Mihaela Lazar
EPI_ISL_1382831	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_1383546, EPI_ISL_1383547, EPI_ISL_1383548, EPI_ISL_1383549, EPI_ISL_1383552, EPI_ISL_1383553, EPI_ISL_1383554, EPI_ISL_1383555, EPI_ISL_1383556, EPI_ISL_1383558, EPI_ISL_1383559, EPI_ISL_1383560, EPI_ISL_1383561, EPI_ISL_1383563, EPI_ISL_1383564, EPI_ISL_1383565, EPI_ISL_1383566, EPI_ISL_1383569, EPI_ISL_1383571, EPI_ISL_1383572, EPI_ISL_1383573	see above	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1383881, EPI_ISL_1383892, EPI_ISL_1383893	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_1384072, EPI_ISL_1384083, EPI_ISL_1384084, EPI_ISL_1384086, EPI_ISL_1384088, EPI_ISL_1384093	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_1384594, EPI_ISL_1384607	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_1385876	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1386427, EPI_ISL_1386453, EPI_ISL_1386460, EPI_ISL_1386464	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 Yasi, 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_1386918, EPI_ISL_1386919, EPI_ISL_1386920, EPI_ISL_1386921, EPI_ISL_1386922, EPI_ISL_1386923, EPI_ISL_1386924, EPI_ISL_1386925	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_1387117, EPI_ISL_1387118, EPI_ISL_1387119, EPI_ISL_1387121, EPI_ISL_1387122, EPI_ISL_1387123	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_1387218	Oxford Virotics, 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_1387352, EPI_ISL_1387354	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 Pacchiari, Sara Kumzienne-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1388158, EPI_ISL_1388265, EPI_ISL_1388267, EPI_ISL_1388318, EPI_ISL_1388397, EPI_ISL_1388400, EPI_ISL_1388406, EPI_ISL_1388455, EPI_ISL_1388507, EPI_ISL_1388518, EPI_ISL_1388520, EPI_ISL_1388522, EPI_ISL_1388524	see above	University Hospital Basel, Clinical Virology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Simon Fuchs, Manuel Battagay, Hans Hirsch, Adrian Egli
EPI_ISL_1388706, EPI_ISL_1388708, EPI_ISL_1388732, EPI_ISL_1388734, EPI_ISL_1388743, EPI_ISL_1388745, EPI_ISL_1388747, EPI_ISL_1388749, EPI_ISL_1388752	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_1400453	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_1401105, EPI_ISL_1401106, EPI_ISL_1401107, EPI_ISL_1401109, EPI_ISL_1401110, EPI_ISL_1401111, EPI_ISL_1401112, EPI_ISL_1401113, EPI_ISL_1401114, EPI_ISL_1401282, EPI_ISL_1401283, EPI_ISL_1401284, EPI_ISL_1401285, EPI_ISL_1401287	see above	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1404226, EPI_ISL_1404228	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt

EPI_ISL_1404378, EPI_ISL_1404384, EPI_ISL_1404385, EPI_ISL_1404386, EPI_ISL_1404387	Klinisch Laboratorium ZNA	Klinisch Laboratorium ZNA	Verstrepen et al.
EPI_ISL_1405568, EPI_ISL_1405580	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_1406316	1. Główny Inspektorat Sanitarny. 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. genXone SA, Research & Development Laboratory	Mazur-Panasiek,N., Grzegorz Nowicki, Gromowski,T., Natalia Drweska-Matelska, Jakub Grabowski, Anna Brylak, Aleksandra Gidlewicz, Karol Szeszko, Maciej Sykulski, ukasz Krych, Kowalski,M., Szulc,P., Sylwia Januszcza, Labaj,P.P., Micha Kaszuba, Pyc,K.
EPI_ISL_1406500	HOPITAL DU MONT DORE	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406540	Centre Jean Perrin	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406715	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, Cari Sloma, and Rob Christensen
EPI_ISL_1407023	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, 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_1415383	National Centre For Cell Science	National Centre For Cell Science	Dhiraj Paul, Mohak P Gujare, Shivang P. Bhanushali, Mitali Inamdar, Sonal Manik Chavan, Manoj Kumar Bhat, Ajay Pillai, Yogesh Shouche
EPI_ISL_1416739	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_1417448, EPI_ISL_1417462, EPI_ISL_1417494, EPI_ISL_1417495, EPI_ISL_1417502, EPI_ISL_1417568, EPI_ISL_1417572, EPI_ISL_1417586, EPI_ISL_1417607, EPI_ISL_1417608, EPI_ISL_1417609, EPI_ISL_1417783, EPI_ISL_1417784, EPI_ISL_1417785, EPI_ISL_1417786, EPI_ISL_1417787, EPI_ISL_1417788, EPI_ISL_1417789, EPI_ISL_1417790, EPI_ISL_1417791, EPI_ISL_1418009, EPI_ISL_1418010, EPI_ISL_1418011, EPI_ISL_1418349, EPI_ISL_1418376, EPI_ISL_1418520, EPI_ISL_1418521, EPI_ISL_1418522, EPI_ISL_1418523, EPI_ISL_1418602, EPI_ISL_1418603, EPI_ISL_1418604, EPI_ISL_1418605, EPI_ISL_1418606, EPI_ISL_1418692			
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_1419501	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_1419938, EPI_ISL_1419941, EPI_ISL_1419949, EPI_ISL_1419950, EPI_ISL_1419969, EPI_ISL_1419980, EPI_ISL_1420266, EPI_ISL_1420267, EPI_ISL_1420268, EPI_ISL_1420269, EPI_ISL_1420270, EPI_ISL_1420271, EPI_ISL_1420272, EPI_ISL_1420273, EPI_ISL_1420274, EPI_ISL_1420275, EPI_ISL_1420276, EPI_ISL_1420277, EPI_ISL_1420278, EPI_ISL_1420279, EPI_ISL_1420280, EPI_ISL_1420281, EPI_ISL_1420282, EPI_ISL_1420283, EPI_ISL_1420284, EPI_ISL_1420285, EPI_ISL_1420286, EPI_ISL_1420287, EPI_ISL_1420288, EPI_ISL_1420289, EPI_ISL_1420354, EPI_ISL_1420474, EPI_ISL_1420475, EPI_ISL_1420476, EPI_ISL_1420477, EPI_ISL_1420478, EPI_ISL_1420479, EPI_ISL_1420480, EPI_ISL_1420481, EPI_ISL_1420482, EPI_ISL_1420483, EPI_ISL_1420484, EPI_ISL_1420485, EPI_ISL_1420486, EPI_ISL_1420487, EPI_ISL_1420566			
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_1423380	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_1424124	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Becky Jiang, Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky
EPI_ISL_1424996, EPI_ISL_1425002, EPI_ISL_1425051, EPI_ISL_1425063	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425262, EPI_ISL_1425263, EPI_ISL_1425264, EPI_ISL_1425265	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_1428589, EPI_ISL_1428591, EPI_ISL_1428592, EPI_ISL_1428593	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Eri Nakayama, Motohiko Ogawa, Shigeru Tanjima, Takahiro Maeki, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1428594, EPI_ISL_1428595, EPI_ISL_1428596, EPI_ISL_1428597, EPI_ISL_1428598, EPI_ISL_1428599	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, Eri Nakayama, Motohiko Ogawa, Shigeru Tanjima, Takahiro Maeki, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1428604, EPI_ISL_1428605, EPI_ISL_1428606	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, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1430673	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_1435651	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1441442	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_1444798	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_1446322, EPI_ISL_1446325	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1446999, EPI_ISL_1447000	FL Bur. of Public Health Laboratories-Jacksonville	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 Kripe, 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_1447049	CA-Los Angeles County Public Health Laboratory	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 Kripe, 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_1455866, EPI_ISL_1456988, EPI_ISL_1456989, EPI_ISL_1456995, EPI_ISL_1456996, EPI_ISL_1457004, EPI_ISL_1457005, EPI_ISL_1457014, EPI_ISL_1457015, EPI_ISL_1457024, EPI_ISL_1457033, EPI_ISL_1457041, EPI_ISL_1457050, EPI_ISL_1457060, EPI_ISL_1457067, EPI_ISL_1457083, EPI_ISL_1457085, EPI_ISL_1457105			
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, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1464222	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff
EPI_ISL_985235	Public Health Virology-Forensic and Scientific Services	Public Health Virology-Forensic and Scientific Services	Son Nguyen et al
EPI_ISL_986563	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_997757, EPI_ISL_997759, EPI_ISL_997770	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare	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

