

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_1000247, EPI_ISL_1000417, EPI_ISL_1000418, EPI_ISL_1000421, EPI_ISL_1000423, EPI_ISL_1000424, EPI_ISL_1000425, EPI_ISL_1000426, EPI_ISL_1000427, EPI_ISL_1000428, EPI_ISL_1000429, EPI_ISL_1000430, EPI_ISL_1000431, EPI_ISL_1000432, EPI_ISL_1000433, EPI_ISL_1000435, EPI_ISL_1000436, EPI_ISL_1000441, EPI_ISL_1000444, EPI_ISL_1000445, EPI_ISL_1000448, EPI_ISL_1000449	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_1000633, EPI_ISL_1000634, EPI_ISL_1000636, EPI_ISL_1000639, EPI_ISL_1000640	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_1000811, EPI_ISL_1000884, EPI_ISL_1000890, EPI_ISL_1000899, EPI_ISL_1000901, EPI_ISL_1000904, EPI_ISL_1000912, EPI_ISL_1000936, EPI_ISL_1000938, EPI_ISL_1000939, EPI_ISL_1000941, EPI_ISL_1000942, EPI_ISL_1000944, EPI_ISL_1000946, EPI_ISL_1000948, EPI_ISL_1000949, EPI_ISL_1000950, EPI_ISL_1000951, EPI_ISL_1000952, EPI_ISL_1000953, EPI_ISL_1000954, EPI_ISL_1000955, EPI_ISL_1000956, EPI_ISL_1000957, EPI_ISL_1000958, EPI_ISL_1000959, EPI_ISL_1000961, EPI_ISL_1000962, EPI_ISL_1000965, EPI_ISL_1000966	see above	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford
EPI_ISL_1000980	Hospital Universitario de Gran Canaria Dr. Negrin	SeqCOVID-SPAIN consortium/IBV(CSIC)	M. Carmen Pérez González, Francisco J. Chamizo López, Ana Bordes Benítez and SeqCOVID-SPAIN consortium	
EPI_ISL_1001904	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_1005537	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Virology Research Laboratory; Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.	
EPI_ISL_1007433	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1007575	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1007580, EPI_ISL_1007581, EPI_ISL_1007582	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1007585	EHC MORGES	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli	
EPI_ISL_1007590	HIB	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli	
EPI_ISL_1007605	ADMED	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli	
EPI_ISL_1007644, EPI_ISL_1007645	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_1007713, EPI_ISL_1007714, EPI_ISL_1007715, EPI_ISL_1007716, EPI_ISL_1007717, EPI_ISL_1007718	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_1007749, EPI_ISL_1007750	Hospital Universitario Virgen de las Nieves de Granada-SAS	SeqCOVID-SPAIN consortium/IBV(CSIC)	Sara Sanbonmatsu Gámez, Mercedes Pérez Ruiz, Irene Pedrosa Corral, José M. Navarro-Marí and SeqCOVID-SPAIN consortium	
EPI_ISL_1007789, EPI_ISL_1007794, EPI_ISL_1007795, EPI_ISL_1007798, EPI_ISL_1007799, EPI_ISL_1007800, EPI_ISL_1007801, EPI_ISL_1007802, EPI_ISL_1007803, EPI_ISL_1007804, EPI_ISL_1007805, EPI_ISL_1007806, EPI_ISL_1007807, EPI_ISL_1007808, EPI_ISL_1007811, EPI_ISL_1007812, EPI_ISL_1007813, EPI_ISL_1007814, EPI_ISL_1007815, EPI_ISL_1007816, EPI_ISL_1007817, EPI_ISL_1007818, EPI_ISL_1007819, EPI_ISL_1007820, EPI_ISL_1007821, EPI_ISL_1007822, EPI_ISL_1007823, EPI_ISL_1007824, EPI_ISL_1007825, EPI_ISL_1007826, EPI_ISL_1007827, EPI_ISL_1007828, EPI_ISL_1007829, EPI_ISL_1007830, EPI_ISL_1007831, EPI_ISL_1007832	see above	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Gozalo Margüello, María Eliecer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_1008409	A05 Diagnostics	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1008703	Presidio di Brindisi Di Summa - Perrino	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.	
EPI_ISL_1008912, EPI_ISL_1008914	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_1008971, EPI_ISL_1008972	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Elisa Martró, Antoni E. Bordoy, Anna Not, Adrián Antuori, Anabel Fernández, Nona Romaní, Verónica Saludes, Cristina Casañ and SeqCOVID-SPAIN consortium	
EPI_ISL_1008982, EPI_ISL_1008983, EPI_ISL_1008984, EPI_ISL_1008985, EPI_ISL_1008986, EPI_ISL_1008987, EPI_ISL_1008988, EPI_ISL_1008989, EPI_ISL_1008990, EPI_ISL_1008992, EPI_ISL_1008993, EPI_ISL_1008994, EPI_ISL_1008995	see above	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Gozalo Margüello, María Eliecer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_1013152	CH de Mayotte	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Combe Patrice	

EPI_ISL_1014274, EPI_ISL_1014275	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_1015380	Biology Lab, HIA BEGIN	IRBA, 2MI	GORGE O., NOLENT F., SARILAR V., MERENS-GONTIER A.
EPI_ISL_1018083	Immunology, Noguchi Memorial Institute for Medical Research	Immunology, Noguchi Memorial Institute for Medical Research	Adu,B., Egyir,B., Kumordjie,S., Agbodji,B., Yeboah,C., Mohktar,Q., Oteng,F., Owusu-Nyantakyi,C., Asare,K.M., Appiah-Kubi,J., Adusei-Poku,M.A., Odoom,J.K., Ampofo,W.K., Bonney,J.K.
EPI_ISL_1019835	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_1034309	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Ignacio Garcia Llorente, Serina B Engebretsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1035122	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_1039228	KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi	KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi	Githinji et al
EPI_ISL_1039255	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1039787	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloembergen, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1040965, EPI_ISL_1040966, EPI_ISL_1040974	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Adam Sodol, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1046996, EPI_ISL_1047060, EPI_ISL_1047063	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_1047839, EPI_ISL_1047840	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_1048051, EPI_ISL_1048052	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_1048071, EPI_ISL_1048088	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_1048137	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_1048250	Gesundheitsamt Region Kassel/Synlab Trier	Robert Koch Institute, Influenza and respiratory viruses FG17 & Bioinformatics MF1, Berlin, Germany	Kapp, Volk, R. Dürrwald, Stephan Fuchs, Stefan Kroeger, Marianne Wedde, Oliver Drechsel, Aleksandar Radonic, Rene Kniecinski, Ralf Duerwald, Thorsten Wolff
EPI_ISL_1048899, EPI_ISL_1048900, EPI_ISL_1048922, EPI_ISL_1048923, EPI_ISL_1048924, EPI_ISL_1048925, EPI_ISL_1048926, EPI_ISL_1049025, EPI_ISL_1049026, EPI_ISL_1049048	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_1049207, EPI_ISL_1049208, EPI_ISL_1049210	Blackhawk Genomics	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049689, EPI_ISL_1049690	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1050357, EPI_ISL_1050439, EPI_ISL_1050440, EPI_ISL_1050441, EPI_ISL_1050442, EPI_ISL_1050443, EPI_ISL_1050444, EPI_ISL_1050445, EPI_ISL_1050446, EPI_ISL_1050447, EPI_ISL_1050448, EPI_ISL_1050450, EPI_ISL_1050451, EPI_ISL_1050457, EPI_ISL_1050458, EPI_ISL_1050459, EPI_ISL_1050460, EPI_ISL_1050461, EPI_ISL_1050462, EPI_ISL_1050464, EPI_ISL_1050465, EPI_ISL_1050466, EPI_ISL_1050508, EPI_ISL_1050510, EPI_ISL_1050511, EPI_ISL_1050516, EPI_ISL_1050517, EPI_ISL_1050519, EPI_ISL_1050520, EPI_ISL_1050521, EPI_ISL_1050524, EPI_ISL_1050525	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_1050953, EPI_ISL_1050954, EPI_ISL_1050955, EPI_ISL_1050956, EPI_ISL_1050960, EPI_ISL_1050992, EPI_ISL_1051213, EPI_ISL_1051215, EPI_ISL_1051216, EPI_ISL_1051219	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_1051427, EPI_ISL_1051430, EPI_ISL_1051447, EPI_ISL_1051454, EPI_ISL_1051469, EPI_ISL_1051474, EPI_ISL_1051477, EPI_ISL_1051478, EPI_ISL_1051494, EPI_ISL_1051495, EPI_ISL_1051497, EPI_ISL_1051500	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Eiumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1051797, EPI_ISL_1051798, EPI_ISL_1051799, EPI_ISL_1051800, EPI_ISL_1051801, EPI_ISL_1051802, EPI_ISL_1051803, EPI_ISL_1051805, EPI_ISL_1051806, EPI_ISL_1051807, EPI_ISL_1051809, EPI_ISL_1051813, EPI_ISL_1051814, EPI_ISL_1051816, EPI_ISL_1051822, EPI_ISL_1051824, EPI_ISL_1051825, EPI_ISL_1051826, EPI_ISL_1051827, EPI_ISL_1051829, EPI_ISL_1051832, EPI_ISL_1051838, EPI_ISL_1051841, EPI_ISL_1051843, EPI_ISL_1051844, EPI_ISL_1051845, EPI_ISL_1051849, EPI_ISL_1051851, EPI_ISL_1051852, EPI_ISL_1051853, EPI_ISL_1051854, EPI_ISL_1051855, EPI_ISL_1051856, EPI_ISL_1051858, EPI_ISL_1051873, EPI_ISL_1051874	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_1053817, EPI_ISL_1053818, EPI_ISL_1053819	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_1054792, EPI_ISL_1054794, EPI_ISL_1054796, EPI_ISL_1054798, EPI_ISL_1054801, EPI_ISL_1054803, EPI_ISL_1054804, EPI_ISL_1054805, EPI_ISL_1054806, EPI_ISL_1054807, EPI_ISL_1054809, EPI_ISL_1054810, EPI_ISL_1054811, EPI_ISL_1054812, EPI_ISL_1054813, EPI_ISL_1054814, EPI_ISL_1054816, EPI_ISL_1054817, EPI_ISL_1054819, EPI_ISL_1054821	Bioinformatics and Biostatistics Lab, Advanced Sequencing	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart,Jerome Nicod,Chelsea Sawyer,Laura Cubitt,Harshil Patel,Margaret Crawford

EPI_ISL_1055760, EPI_ISL_1055763	Facility Vithas Lab. Hospital Vithas Vigo	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Microbiology Department, Complejo Hospitalario Universitario de Vigo (CHUVI). Vithas Lab, Hospital Vithas Vigo
EPI_ISL_1059904	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_1059940	HOSPITAL J.M. MORALES MESEGUER	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. Antequera, P.
EPI_ISL_1059948, EPI_ISL_1059960, EPI_ISL_1059965	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059966	HOSPITAL J.M. MORALES MESEGUER	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. Antequera, P.
EPI_ISL_1060251, EPI_ISL_1060252, EPI_ISL_1060253, EPI_ISL_1060254, EPI_ISL_1060257, EPI_ISL_1060258, EPI_ISL_1060260	Laboratorio Echevarne S.A.	SeqCOVID-SPAIN consortium/IBV(CSIC)	Raúl Santamaría Merino, Beatriz Fernández Forner and SeqCOVID-SPAIN consortium
EPI_ISL_1073143	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1073829, EPI_ISL_1073836, EPI_ISL_1073852	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1077759, EPI_ISL_1077913, EPI_ISL_1078167	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_1081811, EPI_ISL_1081813	Philippine Red Cross - Port Area	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081819	University of the East Ramon Magsaysay Memorial Medical Center	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081820	Philippine Airport Diagnostic Laboratory	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081824	Baguio General Hospital and Medical Center	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1082002, EPI_ISL_1082130, EPI_ISL_1082141	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Trung, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvano, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurelka, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1082260	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Jennifer, 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_1088582	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_1089638	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_1093438, EPI_ISL_1093439	Nigerian Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Olawoye, I.B., et al
EPI_ISL_1097529	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_1101110	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_1104241	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_1104291, EPI_ISL_1104293, EPI_ISL_1104296	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, Joeseeph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1104321, EPI_ISL_1104333, EPI_ISL_1104336, EPI_ISL_1104362, EPI_ISL_1104367, EPI_ISL_1104388	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_1105149, EPI_ISL_1105157, EPI_ISL_1105266, EPI_ISL_1105272, EPI_ISL_1105289, EPI_ISL_1105333	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_1107750	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_1109637	Althaia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafel Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulàlia Grau, Bonaventura Clotet
EPI_ISL_1109825, EPI_ISL_1109841	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1112227	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Giannico A., Ridolfi D.
EPI_ISL_1118321, EPI_ISL_1118322	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118323	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1120186, EPI_ISL_1120277, EPI_ISL_1120469, EPI_ISL_1120490	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_1120825	GHOL	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120841	EHNv	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120844	UNILABS - COPPET	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120856	UNILABS - LAUSANNE	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1128141, EPI_ISL_1128142	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, Chang-Kweng Lim, Takahiro Maeki, Motohiko Ogawa , Eri Nakayama , Shigeru Tanjima, Makoto Kuroda
EPI_ISL_1129332, EPI_ISL_1129371	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_1129422, EPI_ISL_1129439	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_1129442	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_1129487	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_1129554	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_1129653	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_1129790	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_1130078, EPI_ISL_1130128, EPI_ISL_1130356, EPI_ISL_1130369, EPI_ISL_1130470	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_1130493	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_1130518, EPI_ISL_1130667	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_1130745	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_1130752	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_1130776	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_1130777	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_1130860	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_1130927	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 Drefuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1131012	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Drefuss, 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_1131058	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Drefuss, 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_1133267, EPI_ISL_1133268, EPI_ISL_1133269, EPI_ISL_1133270, EPI_ISL_1133271, EPI_ISL_1133272, EPI_ISL_1133273, EPI_ISL_1133274, EPI_ISL_1133275, EPI_ISL_1133276	Laboratório Hermes Pardini	Laboratório de Biologia Integrativa, Instituto de Ciências Biológicas, Universidade Federal de Minas Gerais	Filipe Romero Rebello Moreira, Diego Menezes Bonfim, Danielle Alves Gomes Zauli, Joice do Prado Silva, Aline Brito de Lima, Frederico Scott Varella Malta, Alessandro Clayton de Souza Ferreira, Victor Cavalcanti Pardini, Daniel Costa Queiroz, Rafael Marques de Souza, Victor Emmanuel Viana Geddes, Walysom Coelho Costa, Wagner Carlos Santos Magalhaes, Rennan Garcia Moreira, Carolina Moreira Voloch, Renan Pedra de Souza, Renato Santana Aguiar.
EPI_ISL_1138419, EPI_ISL_1138420	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud Perú	Carlos Padilla Rojas, Karolyn Vega Chozo, Luis Barcena, Priscila Lope Pari, Omar Caceres Rey, Marco Galarza Perez, Maribel Huaranga Nuñez, Johanna Balbuena Torrez, Henri Bailon Calderon, Nancy Rojas Serrano
EPI_ISL_1138763	Centro Hospitalar do Baixo Vouga (CHBV)	Institute of Biomedicine (IBIMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patricia Arinto, Miguel Pinheiro and Manuel Santos
EPI_ISL_1138890	LKOLMC	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1140778	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141031, EPI_ISL_1141032, EPI_ISL_1141034, EPI_ISL_1141035	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1141143, EPI_ISL_1141144	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1141186, EPI_ISL_1141193	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1143755, EPI_ISL_1143959, EPI_ISL_1143965, EPI_ISL_1143966, EPI_ISL_1143975	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1144896	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1144961	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1153315, EPI_ISL_1153321	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1158602	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_1159127	Centro Hospitalar do Baixo Vouga (CHBV)	Institute of Biomedicine (IBIMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patricia Arinto, Miguel Pinheiro and Manuel Santos
EPI_ISL_1159179	HOSPITAL CLINIC	Instituto de Salud Carlos III	Sandonis,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballós, A. Monzón, S. Varona, S. Cuesta, I. VILA ESTAPE, JORDI
EPI_ISL_1164286	Centro Hospitalar de Entre o Douro e Vouga (CHEDV)	Institute of Biomedicine (IBIMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patricia Arinto, Miguel Pinheiro and Manuel Santos
EPI_ISL_1165014, EPI_ISL_1165052, EPI_ISL_1165055	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_1165226	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_1167933	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1168737	Connecticut Department of Health	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1173208, EPI_ISL_1173217, EPI_ISL_1173218, EPI_ISL_1173220	Nigeria Centre for Disease Control (NCDC)	African Centre for Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Olawoye, I.B., et al
EPI_ISL_1177999	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_1178009	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_1178262, EPI_ISL_1178343, EPI_ISL_1178349, EPI_ISL_1178352, EPI_ISL_1178354, EPI_ISL_1178355, EPI_ISL_1178358, EPI_ISL_1178407, EPI_ISL_1178409, EPI_ISL_1178410, EPI_ISL_1178411, EPI_ISL_1178412, EPI_ISL_1178414, EPI_ISL_1178415, EPI_ISL_1178416	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_1178590	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, Timothy Byaruhanga, Jayasree Dey, Emily Park, Jack Hill, Patrick McClure, Joseph Chappell, Theocharis Tsolendis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1178720, EPI_ISL_1178726, EPI_ISL_1178746, EPI_ISL_1178777, EPI_ISL_1178778, EPI_ISL_1178783, EPI_ISL_1178801, EPI_ISL_1178858	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_1179792, EPI_ISL_1179825	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_1181627	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; Azienda Usl Toscana sud est, Arezzo, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Agostino Ognibene, Manuela Marra, Maria Carollo, Marco Crescenzi

EPI_ISL_1192577, EPI_ISL_1192578, EPI_ISL_1192581, EPI_ISL_1192582, EPI_ISL_1192583, EPI_ISL_1192584, EPI_ISL_1192585, EPI_ISL_1192586, EPI_ISL_1192587, EPI_ISL_1192588, EPI_ISL_1192606, EPI_ISL_1192607, EPI_ISL_1192608, EPI_ISL_1192609	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_1194070, EPI_ISL_1194088	Departamento de Microbiología, CDB, Hospital Clínic, Barcelona	SeqCOVID-SPAIN consortium/IBV(CSIC)	Andrea Vergara, Mikel Martínez, Elisa Rubio, Jéssica Navero, Aida Peiró and SeqCOVID-SPAIN consortium	
EPI_ISL_1194645, EPI_ISL_1194647, EPI_ISL_1194653, EPI_ISL_1194658	Universidad de León	SeqCOVID-SPAIN consortium/IBV(CSIC)	Ana Carvajal, Vicente Martín, Héctor Argüello, Juan M. Fregeneda, Tania Fernández-Villa, Antonio J. Molina and SeqCOVID-SPAIN consortium	
EPI_ISL_1194902, EPI_ISL_1194917	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_1195599, EPI_ISL_1195600, EPI_ISL_1195601, EPI_ISL_1195602, EPI_ISL_1195603, EPI_ISL_1195604, EPI_ISL_1195605, EPI_ISL_1195606	Hospital Universitario 12 de Octubre	SeqCOVID-SPAIN consortium/IBV(CSIC)	Esther Viedma, Raúl Recio, Irene Muñoz-Gallego, Jennifer Villa, Rafael Delgado, Mª Dolores Folgueira and SeqCOVID-SPAIN consortiumconsortium	
EPI_ISL_1201204, EPI_ISL_1201206, EPI_ISL_1201207, EPI_ISL_1201208, EPI_ISL_1201209, EPI_ISL_1201212, EPI_ISL_1201238, EPI_ISL_1201239, EPI_ISL_1201240, EPI_ISL_1201241, EPI_ISL_1201242, EPI_ISL_1201243, EPI_ISL_1201244, EPI_ISL_1201245, EPI_ISL_1201246, EPI_ISL_1201247, EPI_ISL_1201248, EPI_ISL_1201249, EPI_ISL_1201250, EPI_ISL_1201251, EPI_ISL_1201261, EPI_ISL_1201262, EPI_ISL_1201271, EPI_ISL_1201275, EPI_ISL_1201276	see above	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	"Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodríguez-Grande, Pilar Catalán, Patricia Muñoz, Darío García de Viedma"
EPI_ISL_1209471, EPI_ISL_1209480, EPI_ISL_1209492, EPI_ISL_1209515, EPI_ISL_1209516, EPI_ISL_1209518, EPI_ISL_1209531, EPI_ISL_1209532, EPI_ISL_1209537, EPI_ISL_1209583, EPI_ISL_1209584, EPI_ISL_1209668, EPI_ISL_1209669, EPI_ISL_1209670, EPI_ISL_1209671, EPI_ISL_1209672, EPI_ISL_1209673, EPI_ISL_1209674, EPI_ISL_1209675, EPI_ISL_1209676, EPI_ISL_1209677, EPI_ISL_1209678, EPI_ISL_1209679, EPI_ISL_1209680, EPI_ISL_1209681, EPI_ISL_1209682, EPI_ISL_1209683, EPI_ISL_1209684, EPI_ISL_1209685, EPI_ISL_1209815, EPI_ISL_1209822, EPI_ISL_1209831, EPI_ISL_1209868	see above	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1214376, EPI_ISL_1214378, EPI_ISL_1214380, EPI_ISL_1214382, EPI_ISL_1214384, EPI_ISL_1214385, EPI_ISL_1214493, EPI_ISL_1214535, EPI_ISL_1214536, EPI_ISL_1214539, EPI_ISL_1214541, EPI_ISL_1214582, EPI_ISL_1214603, EPI_ISL_1214609, EPI_ISL_1214639, EPI_ISL_1214701, EPI_ISL_1214751, EPI_ISL_1214798, EPI_ISL_1214814	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 Megias Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1217827	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_1233359, EPI_ISL_1233360, EPI_ISL_1233361	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole	
EPI_ISL_1233542	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al	
EPI_ISL_1247573, EPI_ISL_1247574, EPI_ISL_1247576, EPI_ISL_1247578, EPI_ISL_1247580, EPI_ISL_1247581, EPI_ISL_1247582, EPI_ISL_1247583, EPI_ISL_1247584, EPI_ISL_1247585, EPI_ISL_1247586, EPI_ISL_1247587, EPI_ISL_1247588, EPI_ISL_1247589, EPI_ISL_1247590, EPI_ISL_1247592, EPI_ISL_1247595, EPI_ISL_1247596, EPI_ISL_1247598, EPI_ISL_1247599	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_1248107, EPI_ISL_1248108, EPI_ISL_1248109, EPI_ISL_1248110, EPI_ISL_1248111, EPI_ISL_1248112, EPI_ISL_1248114, EPI_ISL_1248115, EPI_ISL_1248116, EPI_ISL_1248122, EPI_ISL_1248123, EPI_ISL_1248124, EPI_ISL_1248125, EPI_ISL_1248126, EPI_ISL_1248127, EPI_ISL_1248128, EPI_ISL_1248129, EPI_ISL_1248130, EPI_ISL_1248131, EPI_ISL_1248132, EPI_ISL_1248133, EPI_ISL_1248134, EPI_ISL_1248135, EPI_ISL_1248136, EPI_ISL_1248137, EPI_ISL_1248138, EPI_ISL_1248139, EPI_ISL_1248140, EPI_ISL_1248141, EPI_ISL_1248142, EPI_ISL_1248144, EPI_ISL_1248146, EPI_ISL_1248147, EPI_ISL_1248151, EPI_ISL_1248152, EPI_ISL_1248156, EPI_ISL_1248158, EPI_ISL_1248164, EPI_ISL_1248165, EPI_ISL_1248173, EPI_ISL_1248174, EPI_ISL_1248175, EPI_ISL_1248181, EPI_ISL_1248182, EPI_ISL_1248184, EPI_ISL_1248191, EPI_ISL_1248193, EPI_ISL_1248203, EPI_ISL_1248205	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_1248372, EPI_ISL_1248373, EPI_ISL_1248382, EPI_ISL_1248383, EPI_ISL_1248394, EPI_ISL_1248406, EPI_ISL_1248438, EPI_ISL_1248439, EPI_ISL_1248482	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Dr Judith Heaney, Matthew Byott, Dr Catherine Houlihan, Dr Daniel Frampton, Stuart Kirk, Dr Moira Spyer, Dr Paul Grant and Dr Eleni Nastouli	
EPI_ISL_1248990	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_1249242, EPI_ISL_1249244	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_1251631	Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1251674	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1251780	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1251804	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1251817, EPI_ISL_1251818	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_1255123, EPI_ISL_1255124, EPI_ISL_1255125, EPI_ISL_1255126, EPI_ISL_1255127, EPI_ISL_1255128, EPI_ISL_1255129, EPI_ISL_1255131, EPI_ISL_1255132, EPI_ISL_1255133, EPI_ISL_1255134, EPI_ISL_1255135, EPI_ISL_1255136, EPI_ISL_1255137, EPI_ISL_1255138, EPI_ISL_1255139, EPI_ISL_1255184, EPI_ISL_1255185, EPI_ISL_1255204, EPI_ISL_1255205, EPI_ISL_1255206, EPI_ISL_1255207	see above	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Accra, Ghana	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Volta Road, Legon-Accra, Ghana	Collins M. Morang'a, Joyce M. Ngoi, Evelyn B. Quansah, Samirah Said, Dominic S.Y. Amuzu, Vincent Appiah, Philip M. Soglo, Vanessa Magnussen, Aisha Mohammed, Kesego Tapela, Nelson Kibinge, Abdoulaye B Diallo, Frederick Kumi-Ansah, Theophilus Odoom, Oliver D Boakye, Emmanuella Amoakoa, Abdul-Karim Abass, Samuel Kaba Akorleya, Frederick Tei-Maya, Lucas N. Amenga-Etego, Dam Kenneth Mbit, Yaw Bediako, Benjamin Demah Nuerthey, Gordon A Awandare, Peter K Quashie, Gordon A Awandare, Yaw Bediako
EPI_ISL_1259594, EPI_ISL_1259595, EPI_ISL_1259726, EPI_ISL_1259737	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_1260919	ULSS 03 Venezia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1261191, EPI_ISL_1261290	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_1265419, EPI_ISL_1265429	1. Wojewódzka Stacja Sanitarno - Epidemiologiczna w Katowicach (WSSE Katowice); 2. Wojewódzka Stacja Sanitarno - Epidemiologiczna w Kielcach (WSSE Kielce); 3. Wojewódzka Stacja Sanitarno - Epidemiologiczna w Szczecinie (WSSE Szczecin); 4. Wojewódzka Stacja Sanitarno - Epidemiologiczna w Lublinie (WSSE Lublin); 5. Wojewódzka Stacja Sanitarno - Epidemiologiczna w Gorzowie Wielkopolskim (WSSE Gorzów Wielkopolski); 6. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Gdasku (WSSE Gdask); 7. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Poznaniu (WSSE Poznań); 8. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Opolu (WSSE Opole); 9. Wojewódzka Stacja Sanitarno-Epidemiologiczna we Wrocławiu (WSSE Wrocław); 10. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Krakowie (WSSE Kraków); 11. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Olsztynie (WSSE Olsztyn); 12. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Bydgoszczy (WSSE Bydgoszcz); 13. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Rzeszowie (WSSE Rzeszów); 14. Wojewódzka Stacja Sanitarno-Epidemiologiczna w Białymstoku (WSSE Białystok);	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Human Genome Variation Research Group, Malopolska Centre of Biotechnology, Jagiellonian University;	Klajmon,A., Mazur-Panasuk,N., Szulc,P., Kowalski,M., Gromowski,T., Marszalek,K., Labaj,P.P., Branicki,W., Pyrc,K.
EPI_ISL_1268662	Hannover Medical School, Institute of Virology	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_1272455	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Dario García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_1278977, EPI_ISL_1278981, EPI_ISL_1278983, EPI_ISL_1279092, EPI_ISL_1279096	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1279904, EPI_ISL_1279905, EPI_ISL_1279906, EPI_ISL_1279907	Hospital Universitario La Paz (Madrid)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Fernando Lázaro-Perona, María Rodríguez-Tejedor, Elias Dahdouh, Jesús Mingorance and SeqCOVID-SPAIN consortium
EPI_ISL_1289404	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, María Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, María Gema Codina, Carla Castillo, María Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1293353	OLVZ Aalst	OLVZ Aalst	Astrid Holderbeke
EPI_ISL_1296524, EPI_ISL_1296528, EPI_ISL_1296529, EPI_ISL_1296533, EPI_ISL_1296534, EPI_ISL_1296538, EPI_ISL_1296547, EPI_ISL_1296548, EPI_ISL_1296551, EPI_ISL_1296571	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1299873, EPI_ISL_1299874	Unit of lab surveillance of viral emerging diseases, National Lab of Influenza	Respiratory Virus Unit, National Infection Service, Public Health England	PHE Covid Sequencing Team, Iris Hasibra, Prof Silvia Bino, Prof Albana Fico
EPI_ISL_1301982, EPI_ISL_1301983, EPI_ISL_1301984	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1308578, EPI_ISL_1308587, EPI_ISL_1308589, EPI_ISL_1308591	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_1309051, EPI_ISL_1309070, EPI_ISL_1309077, EPI_ISL_1309078, EPI_ISL_1309085, EPI_ISL_1309090, EPI_ISL_1309097, EPI_ISL_1309099, EPI_ISL_1309103, EPI_ISL_1309109, EPI_ISL_1309113	see above	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_1311070, EPI_ISL_1311074, EPI_ISL_1311076, EPI_ISL_1311077, EPI_ISL_1311097, EPI_ISL_1311174, EPI_ISL_1311215	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_1317242	Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317243, EPI_ISL_1317287, EPI_ISL_1317288	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_1322337	LABORATOIRE BIOAXIOME MAZAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1322364	LBM CERBALLIANCE "LA VILLA"	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1322929, EPI_ISL_1322932, EPI_ISL_1322933, EPI_ISL_1322936	Hospital Universitario La Paz (Madrid)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Fernando Lázaro-Perona, María Rodríguez-Tejedor, Elias Dahdouh, Jesús Mingorance and SeqCOVID-SPAIN consortium
EPI_ISL_1324030, EPI_ISL_1324041	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_1336562	CH GIVORS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1336570	CENTRE HOSPITALIER CAREMEAU	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1347878, EPI_ISL_1347879	Instituto Nacional de Investigación em Saúde	KRISP, KZN Research Innovation and Sequencing Platform	Morais J, Neto Z, Afonso P, Miranda J, David K, Inglês L, Pereira A, Paulo A Carralero RR Paixão JP, Freitas RH, Mufinda M, Lutucuta S, Giandhari J, Pillay S, Naidoo Y, Emmanuel SJ, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_1359744	CENTRE HOSPITALIER POITIERS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1359953	CENTRE HOSPITALIER DRAGUIGNAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1359957	CENTRE HOSPITALIER GAP	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset

EPI_ISL_1359980	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_1364502, EPI_ISL_1364504	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1367678	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_1371800, EPI_ISL_1371801, EPI_ISL_1371802, EPI_ISL_1371803	LABORATOIRE NOVELAB	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_1371847	LABOSUD	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_1371861, EPI_ISL_1371862, EPI_ISL_1371863, EPI_ISL_1371864	CENTRE HOSPITALIER DRAGUIGNAN	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_1381067	LACEN do Mato Grosso do Sul	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1384570	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_1384854	National Centre For Cell Science	National Institute of Virology, Pune	Dhiraj Paul, Mitali Inamdar, Sonal Manik Chavan, Mohak P Gujare, Shivang P. Bhanushali, Manoj Kumar Bhat, Ajay Pillai, Yogesh Shouche
EPI_ISL_1386855, EPI_ISL_1386856, EPI_ISL_1386859, EPI_ISL_1386873, EPI_ISL_1386895	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_1399724, EPI_ISL_1413897	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1413899, EPI_ISL_1413909, EPI_ISL_1413912, EPI_ISL_1413914, EPI_ISL_1413943	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_1420729	Laboratory of Immunohematology, Division of Hematology	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Athanasia Mouzaki, Dimitrios Thanos
EPI_ISL_1423712	Laboratori de Referència de Catalunya	SeqCOVID-SPAIN consortium/IBV(CSIC)	Aida Esperanza Ramírez Marinerio, Eduardo Padilla León, Alba Vilas Basil, Mireia Canal Aranda and SeqCOVID-SPAIN consortium
EPI_ISL_1427600, EPI_ISL_1427601	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_1427603	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kouso Wakae, Hussein H. Aly, Takanobu Kato, , Makoto Kuroda
EPI_ISL_1428571	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Tadashi Kikuchi, Lucky Ronald Runtuwene, Shigeru Kusagawa, Makoto Kuroda
EPI_ISL_1433293	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_1446442	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1456930, EPI_ISL_1456940, EPI_ISL_1456941, EPI_ISL_1456948, EPI_ISL_1456961, EPI_ISL_1456967, EPI_ISL_1456972, EPI_ISL_1456980, EPI_ISL_1456981	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, Ryanne 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_831663	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Bořšová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_831664, EPI_ISL_831665	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Bořšová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_833370	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_833373, EPI_ISL_833374, EPI_ISL_833375	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_837065, EPI_ISL_837183	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_838015, EPI_ISL_838017, EPI_ISL_838018, EPI_ISL_838021, EPI_ISL_838022, EPI_ISL_838025	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_839006	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_845806	Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_846553, EPI_ISL_846568, EPI_ISL_846569, EPI_ISL_846570, EPI_ISL_846571, EPI_ISL_846572, EPI_ISL_846573, EPI_ISL_846574	Lab voor klinische biologie	Lab voor klinische biologie	Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_852014	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_853006, EPI_ISL_853013, EPI_ISL_853014, EPI_ISL_853015	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, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_854754, EPI_ISL_854758	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_854759	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_855603	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_856707, EPI_ISL_856708,	MFD Veselbas centrs "Dziedniecba"	Latvian Biomedical Research and Study Centre	Ivars Silamielis, Kaspars Megnis, Monta Ustinova, Jnis Pjalkovskis, ikita Zrelavs, Vita Rovte, Iveta Bere, Marija Donaka, Uga Dumpis, Jnis Kloviš

EPI_ISL_856709, EPI_ISL_856710			
EPI_ISL_857311	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_857348	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Vernie Ramkissoon, Roshan Parasram, Naresh Nandram, Avery Hinds, Jerome Foster, Stanley Giddings, Karla Georges, Marsha Ivey, Rahul Naidu, Risha Singh, SueMin Nathaniel, Rajini Haraksingh, Jaya Jayaraman, Chinna Chinnadurai, Adesh Ramsubhag, Nuno Faria, Oliver Pybus, Christopher Oura, Gabriel Escobar, Christine V. F. Carrington
EPI_ISL_857470	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_857486, EPI_ISL_857487	PathWest Laboratory Medicine WA	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EPI_ISL_857855	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_860278	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Eishaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860686	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_860721, EPI_ISL_860722, EPI_ISL_860723	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Michel C Koch, Christian Baumann, Miguel A Terrazos Miani, Cora Säggerer, Pascal Bittel, Stephen L Leib, Peter Keller, Franziska Suter-Riniker, Alban Ramette
EPI_ISL_861507	Cerballiance Provence	CERBA LAB	Roig JC; Delaunay E; Prots L.
EPI_ISL_861710	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Mihaela Lazar, Luiza Ustea, Nicoleta Parashiv, Tim Durfee
EPI_ISL_861737, EPI_ISL_861741, EPI_ISL_861754, EPI_ISL_861757, EPI_ISL_861759, EPI_ISL_861769	Tempus	Grubagh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallory Breban, Anne Wylie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubagh
EPI_ISL_862139, EPI_ISL_862141	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_862193	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_863245, EPI_ISL_863248, EPI_ISL_863249	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863251	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863252, EPI_ISL_863253	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863254	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863255, EPI_ISL_863256, EPI_ISL_863257, EPI_ISL_863259, EPI_ISL_863261, EPI_ISL_863262, EPI_ISL_863263, EPI_ISL_863265, EPI_ISL_863266, EPI_ISL_863267	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863268	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863269	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863270, EPI_ISL_863271, EPI_ISL_863274, EPI_ISL_863275	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863277	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863280, EPI_ISL_863281	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863283, EPI_ISL_863285, EPI_ISL_863286, EPI_ISL_863288, EPI_ISL_863291, EPI_ISL_863293, EPI_ISL_863294, EPI_ISL_863295, EPI_ISL_863296, EPI_ISL_863297, EPI_ISL_863298, EPI_ISL_863300, EPI_ISL_863301	see above	see above	see above
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863302	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863304, EPI_ISL_863305	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863306	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863307, EPI_ISL_863308, EPI_ISL_863309	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863310, EPI_ISL_863311	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863312, EPI_ISL_863314, EPI_ISL_863315, EPI_ISL_863316,	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

[illegible]

[illegible]

EPI_ISL_863505, EPI_ISL_863507, EPI_ISL_863509, EPI_ISL_863510, EPI_ISL_863511, EPI_ISL_863512, EPI_ISL_863513	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863515, EPI_ISL_863516	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863517	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863520	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863521, EPI_ISL_863522, EPI_ISL_863523	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863524	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863525, EPI_ISL_863526	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863527	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863528, EPI_ISL_863530	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_863869, EPI_ISL_863872, EPI_ISL_863874, EPI_ISL_863875, EPI_ISL_863877, EPI_ISL_863878, EPI_ISL_863879, EPI_ISL_863880, EPI_ISL_863881, EPI_ISL_863882, EPI_ISL_863883, EPI_ISL_863885, EPI_ISL_863886, EPI_ISL_863888, EPI_ISL_863889, EPI_ISL_863890, EPI_ISL_863893, EPI_ISL_863895, EPI_ISL_863896, EPI_ISL_863898, EPI_ISL_863900, EPI_ISL_863903, EPI_ISL_863904, EPI_ISL_863905, EPI_ISL_863907, EPI_ISL_863908, EPI_ISL_863909, EPI_ISL_863910, EPI_ISL_863914, EPI_ISL_863918, EPI_ISL_863920, EPI_ISL_863924, EPI_ISL_863925, EPI_ISL_863926, EPI_ISL_863928, EPI_ISL_863929, EPI_ISL_863931, EPI_ISL_863932, EPI_ISL_863934, EPI_ISL_863936, EPI_ISL_863938, EPI_ISL_863939, EPI_ISL_863940, EPI_ISL_863941, EPI_ISL_863942, EPI_ISL_863943, EPI_ISL_863945, EPI_ISL_863947, EPI_ISL_863949, EPI_ISL_863951, EPI_ISL_863952, EPI_ISL_863953, EPI_ISL_863957, EPI_ISL_863958, EPI_ISL_863959, EPI_ISL_863960, EPI_ISL_863961, EPI_ISL_863963, EPI_ISL_863964, EPI_ISL_863965, EPI_ISL_863967, EPI_ISL_863968, EPI_ISL_863970, EPI_ISL_863971, EPI_ISL_863972, EPI_ISL_863974, EPI_ISL_863975, EPI_ISL_863976, EPI_ISL_863977, EPI_ISL_863978, EPI_ISL_863980, EPI_ISL_863983, EPI_ISL_863985, EPI_ISL_863986, EPI_ISL_863987, EPI_ISL_863988, EPI_ISL_863989, EPI_ISL_863991, EPI_ISL_863992, EPI_ISL_863993, EPI_ISL_863994, EPI_ISL_863997, EPI_ISL_863999, EPI_ISL_864000, EPI_ISL_864003, EPI_ISL_864006, EPI_ISL_864008, EPI_ISL_864011, EPI_ISL_864012, EPI_ISL_864013, EPI_ISL_864015, EPI_ISL_864016, EPI_ISL_864017, EPI_ISL_864018, EPI_ISL_864020, EPI_ISL_864022, EPI_ISL_864023, EPI_ISL_864025, EPI_ISL_864028, EPI_ISL_864029, EPI_ISL_864033, EPI_ISL_864034, EPI_ISL_864035, EPI_ISL_864038, EPI_ISL_864040, EPI_ISL_864042, EPI_ISL_864044, EPI_ISL_864045, EPI_ISL_864046, EPI_ISL_864047, EPI_ISL_864048, EPI_ISL_864049, EPI_ISL_864050, EPI_ISL_864051, EPI_ISL_864054, EPI_ISL_864056, EPI_ISL_864057, EPI_ISL_864058, EPI_ISL_864059, EPI_ISL_864060, EPI_ISL_864061, EPI_ISL_864062, EPI_ISL_864063, EPI_ISL_864066, EPI_ISL_864067, EPI_ISL_864068, EPI_ISL_864069, EPI_ISL_864070, EPI_ISL_864072, EPI_ISL_864073, EPI_ISL_864075, EPI_ISL_864077, EPI_ISL_864078, EPI_ISL_864080, EPI_ISL_864081, EPI_ISL_864083, EPI_ISL_864084, EPI_ISL_864087, EPI_ISL_864088, EPI_ISL_864091, EPI_ISL_864092, EPI_ISL_864093, EPI_ISL_864095, EPI_ISL_864096, EPI_ISL_864097, EPI_ISL_864100, EPI_ISL_864101, EPI_ISL_864102, EPI_ISL_864103, EPI_ISL_864104, EPI_ISL_864105, EPI_ISL_864108, EPI_ISL_864111, EPI_ISL_864112, EPI_ISL_864114, EPI_ISL_864116, EPI_ISL_864117, EPI_ISL_864118, EPI_ISL_864119, EPI_ISL_864120, EPI_ISL_864121, EPI_ISL_864122, EPI_ISL_864125, EPI_ISL_864127, EPI_ISL_864128, EPI_ISL_864129, EPI_ISL_864130, EPI_ISL_864131, EPI_ISL_864132, EPI_ISL_864135, EPI_ISL_864136, EPI_ISL_864137, EPI_ISL_864138, EPI_ISL_864140, EPI_ISL_864142, EPI_ISL_864144, EPI_ISL_864147, EPI_ISL_864149, EPI_ISL_864150, EPI_ISL_864151, EPI_ISL_864152, EPI_ISL_864153, EPI_ISL_864154, EPI_ISL_864155, EPI_ISL_864156, EPI_ISL_864157, EPI_ISL_864158, EPI_ISL_864159, EPI_ISL_864161, EPI_ISL_864163, EPI_ISL_864167, EPI_ISL_864168, EPI_ISL_864170, EPI_ISL_864172, EPI_ISL_864174, EPI_ISL_864177, EPI_ISL_864181, EPI_ISL_864182, EPI_ISL_864183, EPI_ISL_864184, EPI_ISL_864185, EPI_ISL_864186, EPI_ISL_864187, EPI_ISL_864188, EPI_ISL_864189, EPI_ISL_864190, EPI_ISL_864192, EPI_ISL_864194, EPI_ISL_864195, EPI_ISL_864196, EPI_ISL_864197, EPI_ISL_864198	see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_864581, EPI_ISL_864584, EPI_ISL_864586, EPI_ISL_864588, EPI_ISL_864589, EPI_ISL_864590, EPI_ISL_864591, EPI_ISL_864592, EPI_ISL_864593	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Latour J., Ranger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremeaux P., Izopet J.	
EPI_ISL_864608, EPI_ISL_864609, EPI_ISL_864610, EPI_ISL_864611, EPI_ISL_864619, EPI_ISL_864620	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 Pegout, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermatzakis	
EPI_ISL_864896, EPI_ISL_864897, EPI_ISL_864898, EPI_ISL_864899, EPI_ISL_864900, EPI_ISL_864901, EPI_ISL_864902, EPI_ISL_864903, EPI_ISL_864904, EPI_ISL_864905, EPI_ISL_864906, EPI_ISL_864907, EPI_ISL_864908, EPI_ISL_864909, EPI_ISL_864910, EPI_ISL_864911, EPI_ISL_864912, EPI_ISL_864913, EPI_ISL_864915, EPI_ISL_864916, EPI_ISL_864919, EPI_ISL_864921, EPI_ISL_864922, EPI_ISL_864923, EPI_ISL_864924, EPI_ISL_864927, EPI_ISL_864928, EPI_ISL_864931, EPI_ISL_864933, EPI_ISL_864934, EPI_ISL_864935, EPI_ISL_864937, EPI_ISL_864938, EPI_ISL_864939, EPI_ISL_864940, EPI_ISL_864941, EPI_ISL_864942, EPI_ISL_864943, EPI_ISL_864944, EPI_ISL_864946, EPI_ISL_864949, EPI_ISL_864950, EPI_ISL_864951, EPI_ISL_864952, EPI_ISL_864953, EPI_ISL_864955, EPI_ISL_864956	see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_865093, EPI_ISL_865105, EPI_ISL_865106, EPI_ISL_865107, EPI_ISL_865108, EPI_ISL_865109, EPI_ISL_865110, EPI_ISL_865136, EPI_ISL_865139, EPI_ISL_865144	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K	
EPI_ISL_865472, EPI_ISL_865475, EPI_ISL_865477	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead	
EPI_ISL_865485, EPI_ISL_865486, EPI_ISL_865487, EPI_ISL_865585, EPI_ISL_865586, EPI_ISL_865587, EPI_ISL_865588, EPI_ISL_865589, EPI_ISL_865590, EPI_ISL_865591, EPI_ISL_865592, EPI_ISL_865593, EPI_ISL_865595, EPI_ISL_865596, EPI_ISL_865597, EPI_ISL_865598, EPI_ISL_865599, EPI_ISL_865600, EPI_ISL_865601, EPI_ISL_865602, EPI_ISL_865603, EPI_ISL_865604, EPI_ISL_865644, EPI_ISL_865848, EPI_ISL_865849, EPI_ISL_865850, EPI_ISL_865851, EPI_ISL_865852, EPI_ISL_865853, EPI_ISL_865854, EPI_ISL_865855, EPI_ISL_865856, EPI_ISL_865857, EPI_ISL_865858, EPI_ISL_865859, EPI_ISL_865860, EPI_ISL_865861, EPI_ISL_865862, EPI_ISL_865863, EPI_ISL_865864, EPI_ISL_865866, EPI_ISL_865867, EPI_ISL_865868, EPI_ISL_865869, EPI_ISL_865870, EPI_ISL_865871, EPI_ISL_865872, EPI_ISL_865873, EPI_ISL_865874, EPI_ISL_865875, EPI_ISL_865876, EPI_ISL_865877, EPI_ISL_865879, EPI_ISL_865880, EPI_ISL_865881, EPI_ISL_865882, EPI_ISL_865891, EPI_ISL_865895, EPI_ISL_865897, EPI_ISL_865901, EPI_ISL_865905, EPI_ISL_865909, EPI_ISL_865910, EPI_ISL_865911, EPI_ISL_865913, EPI_ISL_865914, EPI_ISL_865915, EPI_ISL_865916, EPI_ISL_865917, EPI_ISL_865918, EPI_ISL_865919, EPI_ISL_865921, EPI_ISL_865922, EPI_ISL_865923, EPI_ISL_865924, EPI_ISL_865925, EPI_ISL_865926, EPI_ISL_865927, EPI_ISL_865928, EPI_ISL_865929, EPI_ISL_865930, EPI_ISL_865931, EPI_ISL_865932, EPI_ISL_865934, EPI_ISL_865935, EPI_ISL_865938, EPI_ISL_865940, EPI_ISL_865941, EPI_ISL_865942, EPI_ISL_865943, EPI_ISL_865944, EPI_ISL_865945, EPI_ISL_865947, EPI_ISL_865948, EPI_ISL_865949, EPI_ISL_865950, EPI_ISL_865952, EPI_ISL_865953, EPI_ISL_865955, EPI_ISL_865956, EPI_ISL_865957, EPI_ISL_865958, EPI_ISL_865959, EPI_ISL_865960, EPI_ISL_865961, EPI_ISL_865962, EPI_ISL_865963, EPI_ISL_865964, EPI_ISL_865965, EPI_ISL_865966, EPI_ISL_865968, EPI_ISL_865977, EPI_ISL_865978, EPI_ISL_865986, EPI_ISL_865987, EPI_ISL_865994, EPI_ISL_866000, EPI_ISL_866001, EPI_ISL_866007, EPI_ISL_866009, EPI_ISL_866011	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_866150, EPI_ISL_866153, EPI_ISL_866155, EPI_ISL_866156, EPI_ISL_866158, EPI_ISL_866159, EPI_ISL_866161, EPI_ISL_866163, EPI_ISL_866165, EPI_ISL_866166, EPI_ISL_866167, EPI_ISL_866169, EPI_ISL_866170, EPI_ISL_866172, EPI_ISL_866173, EPI_ISL_866176, EPI_ISL_866177, EPI_ISL_866181, EPI_ISL_866182, EPI_ISL_866184, EPI_ISL_866185	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_866198, EPI_ISL_866201, EPI_ISL_866217, EPI_ISL_866219, EPI_ISL_866221, EPI_ISL_866231, EPI_ISL_866262, EPI_ISL_866263, EPI_ISL_866264, EPI_ISL_866265, EPI_ISL_866266, EPI_ISL_866267, EPI_ISL_866268, EPI_ISL_866269, EPI_ISL_866270, EPI_ISL_866271, EPI_ISL_866272, EPI_ISL_866273, EPI_ISL_866274, EPI_ISL_866275, EPI_ISL_866276, EPI_ISL_866277, EPI_ISL_866278, EPI_ISL_866279, EPI_ISL_866280, EPI_ISL_866281, EPI_ISL_866282, EPI_ISL_866283, EPI_ISL_866284, EPI_ISL_866285, EPI_ISL_866287, EPI_ISL_866288, EPI_ISL_866289, EPI_ISL_866290, EPI_ISL_866291, EPI_ISL_866292, EPI_ISL_866293, EPI_ISL_866294, EPI_ISL_866295, EPI_ISL_866297, EPI_ISL_866299, EPI_ISL_866300, EPI_ISL_866301, EPI_ISL_866302, EPI_ISL_866303, EPI_ISL_866304, EPI_ISL_866305, EPI_ISL_866307, EPI_ISL_866308, EPI_ISL_866310, EPI_ISL_866313, EPI_ISL_866314, EPI_ISL_866315, EPI_ISL_866316	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_866317, EPI_ISL_866318, EPI_ISL_866319	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_866548, EPI_ISL_866556, EPI_ISL_866566, EPI_ISL_866569, EPI_ISL_866749, EPI_ISL_866750, EPI_ISL_866752, EPI_ISL_866753, EPI_ISL_866754, EPI_ISL_866755, EPI_ISL_866756, EPI_ISL_866757, EPI_ISL_866760, EPI_ISL_866764, EPI_ISL_866774, EPI_ISL_866775, EPI_ISL_866781, EPI_ISL_866788, EPI_ISL_866801, EPI_ISL_866835, EPI_ISL_866836, EPI_ISL_866837, EPI_ISL_866838, EPI_ISL_866840, EPI_ISL_866841, EPI_ISL_866843, EPI_ISL_866844, EPI_ISL_866845, EPI_ISL_866846, EPI_ISL_866847, EPI_ISL_866849, EPI_ISL_866850, EPI_ISL_866851, EPI_ISL_866852, EPI_ISL_866853, EPI_ISL_866854, EPI_ISL_866855, EPI_ISL_866856, EPI_ISL_866865, EPI_ISL_866867, EPI_ISL_866869, EPI_ISL_866871, EPI_ISL_866872, EPI_ISL_866873, EPI_ISL_866874, EPI_ISL_866876, EPI_ISL_866877, EPI_ISL_866878, EPI_ISL_866880, EPI_ISL_866881, EPI_ISL_866882, EPI_ISL_866885, EPI_ISL_866886, EPI_ISL_866887, EPI_ISL_866888	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_866921, EPI_ISL_866922, EPI_ISL_866923, EPI_ISL_866924, EPI_ISL_866925, EPI_ISL_866926, EPI_ISL_866927, EPI_ISL_866928, EPI_ISL_866929, EPI_ISL_866930, EPI_ISL_866931, EPI_ISL_866932, EPI_ISL_866934, EPI_ISL_866935, EPI_ISL_866937, EPI_ISL_866938, EPI_ISL_866939, EPI_ISL_866940, EPI_ISL_866941, EPI_ISL_866942, EPI_ISL_866944, EPI_ISL_866945, EPI_ISL_866946, EPI_ISL_866947, EPI_ISL_866948, EPI_ISL_866949, EPI_ISL_866950, EPI_ISL_866972, EPI_ISL_866974, EPI_ISL_866977, EPI_ISL_866978, EPI_ISL_866979, EPI_ISL_866980, EPI_ISL_866981, EPI_ISL_866982, EPI_ISL_866983, EPI_ISL_866987, EPI_ISL_866988, EPI_ISL_866989	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 Tsoleiridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_867260, EPI_ISL_867262, EPI_ISL_867263, EPI_ISL_867268, EPI_ISL_867415, EPI_ISL_867426, EPI_ISL_867460, EPI_ISL_867462, EPI_ISL_867463, EPI_ISL_867465, EPI_ISL_867466, EPI_ISL_867470, EPI_ISL_867485, EPI_ISL_867591, EPI_ISL_867599, EPI_ISL_867610, EPI_ISL_867611, EPI_ISL_867621, EPI_ISL_867623, EPI_ISL_867628, EPI_ISL_867637, EPI_ISL_867650, EPI_ISL_867653, EPI_ISL_867654, EPI_ISL_867655, EPI_ISL_867661, EPI_ISL_867663, EPI_ISL_867664, EPI_ISL_867665, EPI_ISL_867667, EPI_ISL_867668, EPI_ISL_867670, EPI_ISL_867671, EPI_ISL_867672, EPI_ISL_867673, EPI_ISL_867676, EPI_ISL_867684, EPI_ISL_867688, EPI_ISL_867692, EPI_ISL_867923	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_868034, EPI_ISL_868102, EPI_ISL_868155, EPI_ISL_868156, EPI_ISL_868157, EPI_ISL_868158, EPI_ISL_868159, EPI_ISL_868160, EPI_ISL_868175, EPI_ISL_868176, EPI_ISL_868180, EPI_ISL_868205, EPI_ISL_868206, EPI_ISL_868207, EPI_ISL_868208, EPI_ISL_868209, EPI_ISL_868210, EPI_ISL_868212, EPI_ISL_868213, EPI_ISL_868214, EPI_ISL_868215, EPI_ISL_868216, EPI_ISL_868219, EPI_ISL_868220, EPI_ISL_868221, EPI_ISL_868222, EPI_ISL_868224, EPI_ISL_868225, EPI_ISL_868228, EPI_ISL_868230, EPI_ISL_868231, EPI_ISL_868232, EPI_ISL_868233, EPI_ISL_868234, EPI_ISL_868235, EPI_ISL_868236, EPI_ISL_868237, EPI_ISL_868238, EPI_ISL_868240	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, Yann Bourgeois, Garry Scarlett, Sharon Glaysher, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson
EPI_ISL_868361, EPI_ISL_868362, EPI_ISL_868365, EPI_ISL_868367, EPI_ISL_868378, EPI_ISL_868385, EPI_ISL_868387, EPI_ISL_868389, EPI_ISL_868391, EPI_ISL_868398, EPI_ISL_868407, EPI_ISL_868424, EPI_ISL_868439, EPI_ISL_868440, EPI_ISL_868451, EPI_ISL_868476, EPI_ISL_868484, EPI_ISL_868500, EPI_ISL_868501, EPI_ISL_868517, EPI_ISL_868527, EPI_ISL_868536, EPI_ISL_868562, EPI_ISL_868569, EPI_ISL_868578, EPI_ISL_868581, EPI_ISL_868584, EPI_ISL_868592, EPI_ISL_868626, EPI_ISL_868632, EPI_ISL_868642, EPI_ISL_868661, EPI_ISL_868662, EPI_ISL_868666, EPI_ISL_868690, EPI_ISL_868703, EPI_ISL_868708	see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_869082, EPI_ISL_869084		A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_869085		Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_869086, EPI_ISL_869087, EPI_ISL_869088, EPI_ISL_869089, EPI_ISL_869090, EPI_ISL_869091, EPI_ISL_869092, EPI_ISL_869093, EPI_ISL_869094, EPI_ISL_869095, EPI_ISL_869096, EPI_ISL_869097, EPI_ISL_869098, EPI_ISL_869099, EPI_ISL_869100, EPI_ISL_869101, EPI_ISL_869102, EPI_ISL_869103, EPI_ISL_869104, EPI_ISL_869105	see above	A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_869241		Suceava County Emergency Hospital	"Stefan cel Mare" University Metagenomics Laboratory	Lobiuc Andrei, Puscaselu Roxana
EPI_ISL_872211		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, Guigon Aurélie
EPI_ISL_872220		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, Brichler Ségolène
EPI_ISL_872269		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_872307		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, Castelain Sandrine
EPI_ISL_872324		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
EPI_ISL_873281		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873283, EPI_ISL_873286, EPI_ISL_873291, EPI_ISL_873292		Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873294		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873297		Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873298		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873302, EPI_ISL_873304, EPI_ISL_873306, EPI_ISL_873310		Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873311		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873313, EPI_ISL_873316, EPI_ISL_873318, EPI_ISL_873320		Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873321		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

[illegible]

[illegible]

[illegible]

[illegible]

EPI_ISL_874964, EPI_ISL_874865, EPI_ISL_874866, EPI_ISL_874867, EPI_ISL_874868, EPI_ISL_874869, EPI_ISL_874870, EPI_ISL_874874, EPI_ISL_874875, EPI_ISL_874876, EPI_ISL_874877, EPI_ISL_874881, EPI_ISL_874883, EPI_ISL_874884, EPI_ISL_874885, EPI_ISL_874886, EPI_ISL_874887, EPI_ISL_874888, EPI_ISL_874889, EPI_ISL_874890, EPI_ISL_874891, EPI_ISL_874892, EPI_ISL_874893	see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874896		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874899, EPI_ISL_874901, EPI_ISL_874902, EPI_ISL_874903, EPI_ISL_874904		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874905		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874906, EPI_ISL_874907, EPI_ISL_874908, EPI_ISL_874909, EPI_ISL_874910, EPI_ISL_874911, EPI_ISL_874912, EPI_ISL_874913, EPI_ISL_874915, EPI_ISL_874916, EPI_ISL_874917, EPI_ISL_874918, EPI_ISL_874920, EPI_ISL_874921	see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874922		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874923, EPI_ISL_874924, EPI_ISL_874925, EPI_ISL_874926, EPI_ISL_874927, EPI_ISL_874928, EPI_ISL_874929, EPI_ISL_874930, EPI_ISL_874931, EPI_ISL_874932, EPI_ISL_874934	see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874935		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874936, EPI_ISL_874937, EPI_ISL_874939, EPI_ISL_874941		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874943		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874944, EPI_ISL_874945, EPI_ISL_874946, EPI_ISL_874947, EPI_ISL_874949		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874950		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874951, EPI_ISL_874955, EPI_ISL_874957, EPI_ISL_874958, EPI_ISL_874960, EPI_ISL_874961, EPI_ISL_874964		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874965, EPI_ISL_874967		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_874968, EPI_ISL_874969, EPI_ISL_874970, EPI_ISL_874971, EPI_ISL_874972, EPI_ISL_874973, EPI_ISL_874974, EPI_ISL_874975, EPI_ISL_874976, EPI_ISL_874977, EPI_ISL_874978, EPI_ISL_874979, EPI_ISL_874980, EPI_ISL_874981, EPI_ISL_874982, EPI_ISL_874983, EPI_ISL_874985, EPI_ISL_874986, EPI_ISL_874987, EPI_ISL_874988, EPI_ISL_874989	see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_875354, EPI_ISL_875356, EPI_ISL_875359, EPI_ISL_875363, EPI_ISL_875364, EPI_ISL_875365, EPI_ISL_875366, EPI_ISL_875367		National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun
EPI_ISL_875558		Microbiologia e Virologia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastorì, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_875666, EPI_ISL_875667		CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Latour J., Ranger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremeaux P., Izopet J.
EPI_ISL_877225, EPI_ISL_877226		LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addide, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Mutaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_877574		Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_877781, EPI_ISL_877788, EPI_ISL_877796, EPI_ISL_877800, EPI_ISL_877804, EPI_ISL_877807, EPI_ISL_877809, EPI_ISL_877828, EPI_ISL_877833, EPI_ISL_877844, EPI_ISL_877881, EPI_ISL_877884, EPI_ISL_877889, EPI_ISL_877903, EPI_ISL_877924, EPI_ISL_877930, EPI_ISL_877938, EPI_ISL_877940, EPI_ISL_877948, EPI_ISL_877953, EPI_ISL_877964, EPI_ISL_877969, EPI_ISL_877975, EPI_ISL_877981, EPI_ISL_877989, EPI_ISL_878011, EPI_ISL_878013, EPI_ISL_878021, EPI_ISL_878025, EPI_ISL_878038, EPI_ISL_878040, EPI_ISL_878041, EPI_ISL_878042, EPI_ISL_878044, EPI_ISL_878053, EPI_ISL_878054, EPI_ISL_878064, EPI_ISL_878067, EPI_ISL_878078, EPI_ISL_878083, EPI_ISL_878098, EPI_ISL_878102, EPI_ISL_878108, EPI_ISL_878111, EPI_ISL_878113, EPI_ISL_878115, EPI_ISL_878117, EPI_ISL_878121, EPI_ISL_878122, EPI_ISL_878124, EPI_ISL_878126, EPI_ISL_878127, EPI_ISL_878128, EPI_ISL_878129, EPI_ISL_878132, EPI_ISL_878133, EPI_ISL_878135, EPI_ISL_878137, EPI_ISL_878139, EPI_ISL_878142, EPI_ISL_878143, EPI_ISL_878144, EPI_ISL_878145, EPI_ISL_878146, EPI_ISL_878148, EPI_ISL_878149, EPI_ISL_878150, EPI_ISL_878151, EPI_ISL_878154, EPI_ISL_878156, EPI_ISL_878161, EPI_ISL_878164, EPI_ISL_878166, EPI_ISL_878169, EPI_ISL_878171, EPI_ISL_878174, EPI_ISL_878177, EPI_ISL_878179, EPI_ISL_878181, EPI_ISL_878182, EPI_ISL_878184, EPI_ISL_878185, EPI_ISL_878187, EPI_ISL_878188, EPI_ISL_878190, EPI_ISL_878192, EPI_ISL_878195, EPI_ISL_878196, EPI_ISL_878198, EPI_ISL_878200, EPI_ISL_878201, EPI_ISL_878204, EPI_ISL_878206, EPI_ISL_878208, EPI_ISL_878210, EPI_ISL_878213, EPI_ISL_878214, EPI_ISL_878216, EPI_ISL_878218, EPI_ISL_878219, EPI_ISL_878227, EPI_ISL_878228, EPI_ISL_878230, EPI_ISL_878231, EPI_ISL_878233, EPI_ISL_878235, EPI_ISL_878244, EPI_ISL_878246, EPI_ISL_878247, EPI_ISL_878249, EPI_ISL_878251, EPI_ISL_878252, EPI_ISL_878254, EPI_ISL_878257, EPI_ISL_878259, EPI_ISL_878261, EPI_ISL_878262, EPI_ISL_878264, EPI_ISL_878267, EPI_ISL_878269, EPI_ISL_878270, EPI_ISL_878273, EPI_ISL_878275, EPI_ISL_878278, EPI_ISL_878280, EPI_ISL_878282, EPI_ISL_878283, EPI_ISL_878285, EPI_ISL_878286, EPI_ISL_878288, EPI_ISL_878291, EPI_ISL_878294, EPI_ISL_878296, EPI_ISL_878299, EPI_ISL_878302, EPI_ISL_878304, EPI_ISL_878307, EPI_ISL_878309, EPI_ISL_878310, EPI_ISL_878313, EPI_ISL_878318, EPI_ISL_878320, EPI_ISL_878323, EPI_ISL_878324, EPI_ISL_878331, EPI_ISL_878334, EPI_ISL_878335, EPI_ISL_878339, EPI_ISL_878340, EPI_ISL_878410, EPI_ISL_878412, EPI_ISL_878415, EPI_ISL_878417, EPI_ISL_878419, EPI_ISL_878420, EPI_ISL_878422, EPI_ISL_878425, EPI_ISL_878427, EPI_ISL_878430, EPI_ISL_878432, EPI_ISL_878435, EPI_ISL_878436, EPI_ISL_878438, EPI_ISL_878441, EPI_ISL_878442, EPI_ISL_878446, EPI_ISL_878449, EPI_ISL_878451, EPI_ISL_878454, EPI_ISL_878456, EPI_ISL_878459, EPI_ISL_878461, EPI_ISL_878462, EPI_ISL_878464, EPI_ISL_878466, EPI_ISL_878467, EPI_ISL_878471, EPI_ISL_878475, EPI_ISL_878476, EPI_ISL_878478, EPI_ISL_878481, EPI_ISL_878482, EPI_ISL_878486, EPI_ISL_878487, EPI_ISL_878493, EPI_ISL_878494, EPI_ISL_878497, EPI_ISL_878499, EPI_ISL_878502, EPI_ISL_878504, EPI_ISL_878505, EPI_ISL_878507, EPI_ISL_878508, EPI_ISL_878510, EPI_ISL_878512, EPI_ISL_878513, EPI_ISL_878515, EPI_ISL_878517, EPI_ISL_878518, EPI_ISL_878520, EPI_ISL_878521, EPI_ISL_878523, EPI_ISL_878525, EPI_ISL_878527, EPI_ISL_878528, EPI_ISL_878530, EPI_ISL_878532, EPI_ISL_878535, EPI_ISL_878538, EPI_ISL_878540, EPI_ISL_878543, EPI_ISL_878546, EPI_ISL_878548, EPI_ISL_878550, EPI_ISL_878551, EPI_ISL_878555, EPI_ISL_878556, EPI_ISL_878558, EPI_ISL_878559, EPI_ISL_878561, EPI_ISL_878569, EPI_ISL_878572, EPI_ISL_878573, EPI_ISL_878575, EPI_ISL_878577, EPI_ISL_878580, EPI_ISL_878582, EPI_ISL_878583, EPI_ISL_878585, EPI_ISL_878586, EPI_ISL_878588, EPI_ISL_878590, EPI_ISL_878591, EPI_ISL_878593, EPI_ISL_878594, EPI_ISL_878598, EPI_ISL_878599, EPI_ISL_878601, EPI_ISL_878604, EPI_ISL_878606, EPI_ISL_878609, EPI_ISL_878612, EPI_ISL_878614, EPI_ISL_878615, EPI_ISL_878620, EPI_ISL_878621, EPI_ISL_878622, EPI_ISL_878623, EPI_ISL_878624, EPI_ISL_878625, EPI_ISL_878626, EPI_ISL_878627, EPI_ISL_878628, EPI_ISL_878629, EPI_ISL_878630, EPI_ISL_878631, EPI_ISL_878632, EPI_ISL_878633, EPI_ISL_878634, EPI_ISL_878635, EPI_ISL_878636, EPI_ISL_878637, EPI_ISL_878638, EPI_ISL_878639, EPI_ISL_878640, EPI_ISL_878641, EPI_ISL_878642, EPI_ISL_878643, EPI_ISL_878644, EPI_ISL_878645, EPI_ISL_878646, EPI_ISL_878647, EPI_ISL_878648, EPI_ISL_878649, EPI_ISL_878650, EPI_ISL_878651, EPI_ISL_878652, EPI_ISL_878653, EPI_ISL_878654, EPI_ISL_878655, EPI_ISL_878656, EPI_ISL_878657, EPI_ISL_878658, EPI_ISL_878659, EPI_ISL_878660, EPI_ISL_878661, EPI_ISL_878662, EPI_ISL_878663, EPI_ISL_878664, EPI_ISL_878665, EPI_ISL_878666, EPI_ISL_878667, EPI_ISL_878668, EPI_ISL_878669, EPI_ISL_878670, EPI_ISL_878671, EPI_ISL_878672, EPI_ISL_878673, EPI_ISL_878674, EPI_ISL_878675, EPI_ISL_878676, EPI_ISL_878677, EPI_ISL_878678, EPI_ISL_878679, EPI_ISL_878680, EPI_ISL_878681, EPI_ISL_878682, EPI_ISL_878683, EPI_ISL_878684, EPI_ISL_878685, EPI_ISL_878686, EPI_ISL_878687, EPI_ISL_878688, EPI_ISL_878689, EPI_ISL_878690, EPI_ISL_878691, EPI_ISL_878692, EPI_ISL_878693, EPI_ISL_878694, EPI_ISL_878695, EPI_ISL_878696, EPI_ISL_878697, EPI_ISL_878698, EPI_ISL_878699, EPI_ISL_878700, EPI_ISL_878701, EPI_ISL_878702, EPI_ISL_878703, EPI_ISL_878704, EPI_ISL_878705, EPI_ISL_878706, EPI_ISL_878707, EPI_ISL_878708, EPI_ISL_878709, EPI_ISL_878710, EPI_ISL_878711, EPI_ISL_878712, EPI_ISL_878713, EPI_ISL_878714, EPI_ISL_878715, EPI_ISL_878716, EPI_ISL_878717, EPI_ISL_878718, EPI_ISL_878719, EPI_ISL_878720, EPI_ISL_878721, EPI_ISL_878722, EPI_ISL_878723, EPI_ISL_878724, EPI_ISL_878725, EPI_ISL_878726, EPI_ISL_878727, EPI_ISL_878728, EPI_ISL_878729, EPI_ISL_878730, EPI_ISL_878731, EPI_ISL_878732, EPI_ISL_878733, EPI_ISL_878734, EPI_ISL_878735, EPI_ISL_878736, EPI_ISL_878737, EPI_ISL_878738, EPI_ISL_878739, EPI_ISL_878740, EPI_ISL_878741, EPI_ISL_878742, EPI_ISL_878743, EPI_ISL_878744, EPI_ISL_878745, EPI_ISL_878746, EPI_ISL_878747, EPI_ISL_878748, EPI_ISL_878749, EPI_ISL_878750, EPI_ISL_878751, EPI_ISL_878752, EPI_ISL_878753, EPI_ISL_878754, EPI_ISL_878755, EPI_ISL_878756, EPI_ISL_878757, EPI_ISL_878758, EPI_ISL_878759, EPI_ISL_878760, EPI_ISL_878761, EPI_ISL_878762, EPI_ISL_878763, EPI_ISL_878764, EPI_ISL_878765, EPI_ISL_878766, EPI_ISL_878767, EPI_ISL_878768, EPI_ISL_878769, EPI_ISL_878770, EPI_ISL_878771, EPI_ISL_878772, EPI_ISL_878773, EPI_ISL_878774, EPI_ISL_878775, EPI_ISL_878776, EPI_ISL_878777, EPI_ISL_878778, EPI_ISL_878779, EPI_ISL_878780, EPI_ISL_878781, EPI_ISL_878782, EPI_ISL_878783, EPI_ISL_878784, EPI_ISL_878785, EPI_ISL_878786, EPI_ISL_878787, EPI_ISL_878788, EPI_ISL_878789, EPI_ISL_878790, EPI_ISL_878791, EPI_ISL_878792, EPI_ISL_878793, EPI_ISL_878794, EPI_ISL_878795, EPI_ISL_878796, EPI_ISL_878797, EPI_ISL_878798, EPI_ISL_878799, EPI_ISL_878800, EPI_ISL_878801, EPI_ISL_878802, EPI_ISL_878803, EPI_ISL_878804, EPI_ISL_878805, EPI_ISL_878806, EPI_ISL_878807, EPI_ISL_878808, EPI_ISL_878809, EPI_ISL_878810, EPI_ISL_878811, EPI_ISL_878812, EPI_ISL_878813, EPI_ISL_878814, EPI_ISL_878815, EPI_ISL_878816, EPI_ISL_878817, EPI_ISL_878818, EPI_ISL_878819, EPI_ISL_878820, EPI_ISL_878821, EPI_ISL_878822, EPI_ISL_878823, EPI_ISL_878824, EPI_ISL_878825, EPI_ISL_878826, EPI_ISL_878827, EPI_ISL_878828, EPI_ISL_878829, EPI_ISL_878830, EPI_ISL_878831, EPI_ISL_878832, EPI_ISL_878833, EPI_ISL_878834, EPI_ISL_878835, EPI_ISL_878836, EPI_ISL_878837, EPI_ISL_878838, EPI_ISL_878839, EPI_ISL_878840, EPI_ISL_878841, EPI_ISL_878842, EPI_ISL_878843, EPI_ISL_878844, EPI_ISL_878845, EPI_ISL_878846, EPI_ISL_878847, EPI_ISL_878848, EPI_ISL_878849, EPI_ISL_878850, EPI_ISL_878851, EPI_ISL_878852, EPI_ISL_878853, EPI_ISL_878854, EPI_ISL_878855, EPI_ISL_878856, EPI_ISL_878857, EPI_ISL_878858, EPI_ISL_878859, EPI_ISL_878860, EPI_ISL_878861, EPI_ISL_878862, EPI_ISL_878863, EPI_ISL_878864, EPI_ISL_878865, EPI_ISL_878866, EPI_ISL_878867, EPI_ISL_878868, EPI_ISL_878869, EPI_ISL_878870, EPI_ISL_878871, EPI_ISL_878872, EPI_ISL_878873, EPI_ISL_878874, EPI_ISL_878875, EPI_ISL_878876, EPI_ISL_878877, EPI_ISL_878878, EPI_ISL_878879, EPI_ISL_878880, EPI_ISL_878881, EPI_ISL_878882, EPI_ISL_878883, EPI_ISL_878884, EPI_ISL_878885, EPI_ISL_878886, EPI_ISL_878887, EPI_ISL_878888, EPI_ISL_878889, EPI_ISL_878890, EPI_ISL_878891, EPI_ISL_878892, EPI_ISL_878893, EPI_ISL_878894, EPI_ISL_878895, EPI_ISL_878896, EPI_ISL_878897, EPI_ISL_878898, EPI_ISL_878899, EPI_ISL_878900, EPI_ISL_878901, EPI_ISL_878902, EPI_ISL_878903, EPI_ISL_878904, EPI_ISL_878905, EPI_ISL_878906, EPI_ISL_878907, EPI_ISL_878908, EPI_ISL_878909, EPI_ISL_878910, EPI_ISL_878911, EPI_ISL_878912, EPI_ISL_878913, EPI_ISL_878914, EPI_ISL_878915, EPI_ISL_878916, EPI_ISL_878917, EPI_ISL_878918, EPI_ISL_878919, EPI_ISL_878920, EPI_ISL_878921, EPI_ISL_878922, EPI_ISL_878923, EPI_ISL_878924, EPI_ISL_878925, EPI_ISL_878926, EPI_ISL_878927, EPI_ISL_878928, EPI_ISL_878929, EPI_ISL_878930, EPI_ISL_878931, EPI_ISL_878932, EPI_ISL_878933, EPI_ISL_878934, EPI_ISL_878935, EPI_ISL_878936, EPI_ISL_878937, EPI_ISL_878938, EPI_ISL_878939, EPI_ISL_878940, EPI_ISL_878941, EPI_ISL_878942, EPI_ISL_878943, EPI_ISL_878944, EPI_ISL_878945, EPI_ISL_878946, EPI_ISL_878947, EPI_ISL_878948, EPI_ISL_878949, EPI_ISL_878950, EPI_ISL_878951, EPI_ISL_878952, EPI_ISL_878953, EPI_ISL_878954, EPI_ISL_878955, EPI_ISL_878956, EPI_ISL_878957, EPI_ISL_878958, EPI_ISL_878959, EPI_ISL_878960, EPI_ISL_878961, EPI_ISL_878962, EPI_ISL_878963, EPI_ISL_878964, EPI_ISL_878965, EPI_ISL_878966, EPI_ISL_878967, EPI_ISL_878968, EPI_ISL_878969, EPI_ISL_878970, EPI_ISL_878971, EPI_ISL_878972, EPI_ISL_878973, EPI_ISL_878974, EPI_ISL_878975, EPI_ISL_878976, EPI_ISL_878977, EPI_ISL_878978, EPI_ISL_878979, EPI_ISL_878980, EPI_ISL_878981, EPI_ISL_878982, EPI_ISL_878983, EPI_ISL_878984, EPI_ISL_878985, EPI_ISL_878986, EPI_ISL_878987, EPI_ISL_878988, EPI_ISL_878989, EPI_ISL_878990, EPI_ISL_878991, EPI_ISL_878992, EPI_ISL_878993, EPI_ISL_878994, EPI_ISL_878995, EPI_ISL_878996, EPI_ISL_878997, EPI_ISL_878998, EPI_ISL_878999, EPI_ISL_879000, EPI_ISL_879001, EPI_ISL_879002, EPI_ISL_879003, EPI_ISL_879004, EPI_ISL_879005, EPI_ISL_879006, EPI_ISL_879007, EPI_ISL_879008, EPI_ISL_879009, EPI_ISL_879010, EPI_ISL_879011, EPI_ISL_879012, EPI_ISL_879013, EPI_ISL_879014, EPI_ISL_879015, EPI_ISL_879016, EPI_ISL_879017, EPI_ISL_879018, EPI_ISL_879019, EPI_ISL_879020, EPI_ISL_879021, EPI_ISL_879022, EPI_ISL_879023, EPI_ISL_879024, EPI_ISL_879025, EPI_ISL_879026, EPI_ISL_879027, EPI_ISL_879028, EPI_ISL_879029, EPI_ISL_879030, EPI_ISL_879031, EPI_ISL_879032, EPI_ISL_879033, EPI_ISL_879034, EPI_ISL_879035, EPI_ISL_879036, EPI_ISL_879037, EPI_ISL_879038, EPI_ISL_879039, EPI_ISL_879040, EPI_ISL_879041, EPI_ISL_879042, EPI_ISL_879043, EPI_ISL_879044, EPI_ISL_879045, EPI_ISL_879046, EPI_ISL_879047, EPI_ISL_879048, EPI_ISL_879049, EPI_ISL_879050, EPI_ISL_879051, EPI_ISL_879052, EPI_ISL_879053, EPI_ISL_879054, EPI_ISL_879055, EPI_ISL_879056, EPI_ISL_879057, EPI_ISL_879058, EPI_ISL_879059, EPI_ISL_879060, EPI_ISL_879061, EPI_ISL_879062, EPI_ISL_879063, EPI_ISL_879064, EPI_ISL_879065, EPI_ISL_879066, EPI_ISL_879067, EPI_ISL_879068, EPI_ISL_879069, EPI_ISL_879070, EPI_ISL_879071, EPI_ISL_879072, EPI_ISL_879073, EPI_ISL_879074, EPI_ISL_879075, EPI_ISL_879076, EPI_ISL_879077, EPI_ISL_879078, EPI_ISL_879079, EPI_ISL_879080, EPI_ISL_879081, EPI_ISL_879082, EPI_ISL_879083, EPI_ISL_879084, EPI_ISL_879085, EPI_ISL_879086, EPI_ISL_879087, EPI_ISL_879088, EPI_ISL_8790				

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EPI_ISL_881050, EPI_ISL_881052, EPI_ISL_881055, EPI_ISL_881056, EPI_ISL_881057, EPI_ISL_881059, EPI_ISL_881061, EPI_ISL_881062, EPI_ISL_881063, EPI_ISL_881064, EPI_ISL_881066, EPI_ISL_881067, EPI_ISL_881069, EPI_ISL_881070, EPI_ISL_881072, EPI_ISL_881074, EPI_ISL_881075, EPI_ISL_881076, EPI_ISL_881077, EPI_ISL_881078, EPI_ISL_881079, EPI_ISL_881080, EPI_ISL_881082, EPI_ISL_881083, EPI_ISL_881084, EPI_ISL_881085, EPI_ISL_881086, EPI_ISL_881087, EPI_ISL_881088, EPI_ISL_881089, EPI_ISL_881090, EPI_ISL_881091, EPI_ISL_881092, EPI_ISL_881093, EPI_ISL_881094, EPI_ISL_881095, EPI_ISL_881096, EPI_ISL_881097, EPI_ISL_881098, EPI_ISL_881099, EPI_ISL_881100, EPI_ISL_881101, EPI_ISL_881102, EPI_ISL_881103, EPI_ISL_881104, EPI_ISL_881105, EPI_ISL_881106, EPI_ISL_881107, EPI_ISL_881108, EPI_ISL_881109, EPI_ISL_881110, EPI_ISL_881111, EPI_ISL_881112, EPI_ISL_881113, EPI_ISL_881114, EPI_ISL_881115, EPI_ISL_881116, EPI_ISL_881117, EPI_ISL_881118, EPI_ISL_881119, EPI_ISL_881120, EPI_ISL_881121, EPI_ISL_881122, EPI_ISL_881123, EPI_ISL_881124, EPI_ISL_881125, EPI_ISL_881126, EPI_ISL_881127, EPI_ISL_881128, EPI_ISL_881129, EPI_ISL_881130, EPI_ISL_881131, EPI_ISL_881132, EPI_ISL_881133, EPI_ISL_881134, EPI_ISL_881135, EPI_ISL_881136, EPI_ISL_881137, EPI_ISL_881138, EPI_ISL_881139, EPI_ISL_881140, EPI_ISL_881141, EPI_ISL_881142, EPI_ISL_881143, EPI_ISL_881144, EPI_ISL_881145, EPI_ISL_881146, EPI_ISL_881147, EPI_ISL_881148, EPI_ISL_881149, EPI_ISL_881150, EPI_ISL_881151, EPI_ISL_881152, EPI_ISL_881153, EPI_ISL_881154, EPI_ISL_881155, EPI_ISL_881156, EPI_ISL_881157, EPI_ISL_881158, EPI_ISL_881159, EPI_ISL_881160, EPI_ISL_881161, EPI_ISL_881162, EPI_ISL_881163, EPI_ISL_881164, EPI_ISL_881165, EPI_ISL_881166, EPI_ISL_881167, EPI_ISL_881168, EPI_ISL_881169, EPI_ISL_881170, EPI_ISL_881171, EPI_ISL_881172, EPI_ISL_881173, EPI_ISL_881174, EPI_ISL_881175, EPI_ISL_881176, EPI_ISL_881177, EPI_ISL_881178, EPI_ISL_881179, EPI_ISL_881180, EPI_ISL_881181, EPI_ISL_881182, EPI_ISL_881183, EPI_ISL_881184, EPI_ISL_881185, EPI_ISL_881186, EPI_ISL_881187, EPI_ISL_881188, EPI_ISL_881189, EPI_ISL_881190, EPI_ISL_881191, EPI_ISL_881192, EPI_ISL_881193, EPI_ISL_881194, EPI_ISL_881195, EPI_ISL_881196, EPI_ISL_881197, EPI_ISL_881198, EPI_ISL_881199, EPI_ISL_881200, EPI_ISL_881201, EPI_ISL_881202, EPI_ISL_881203, EPI_ISL_881204, EPI_ISL_881205, EPI_ISL_881206, EPI_ISL_881207, EPI_ISL_881208, EPI_ISL_881209, EPI_ISL_881210, EPI_ISL_881211, EPI_ISL_881212, EPI_ISL_881213, EPI_ISL_881214, EPI_ISL_881215, EPI_ISL_881216, EPI_ISL_881217, EPI_ISL_881218, EPI_ISL_881219, EPI_ISL_881220, EPI_ISL_881221, EPI_ISL_881222, EPI_ISL_881223, EPI_ISL_881224, EPI_ISL_881225, EPI_ISL_881226, EPI_ISL_881227, EPI_ISL_881228, EPI_ISL_881229, EPI_ISL_881230, EPI_ISL_881231, EPI_ISL_881232, EPI_ISL_881233, EPI_ISL_881234, EPI_ISL_881235, EPI_ISL_881236, EPI_ISL_881237, EPI_ISL_881238, EPI_ISL_881239, EPI_ISL_881240, EPI_ISL_881241, EPI_ISL_881242, EPI_ISL_881243, EPI_ISL_881244, EPI_ISL_881245, EPI_ISL_881246, EPI_ISL_881247, EPI_ISL_881248, EPI_ISL_881249, EPI_ISL_881250, EPI_ISL_881251, EPI_ISL_881252, EPI_ISL_881253, EPI_ISL_881254, EPI_ISL_881255, EPI_ISL_881256, EPI_ISL_881257, EPI_ISL_881258, EPI_ISL_881259, EPI_ISL_881260, EPI_ISL_881261, EPI_ISL_881262, EPI_ISL_881263, EPI_ISL_881264, EPI_ISL_881265, EPI_ISL_881266, EPI_ISL_881267, EPI_ISL_881268, EPI_ISL_881269, EPI_ISL_881270, EPI_ISL_881271, EPI_ISL_881272, EPI_ISL_881273, EPI_ISL_881274, EPI_ISL_881275, EPI_ISL_881276, EPI_ISL_881277, EPI_ISL_881278, EPI_ISL_881279, EPI_ISL_881280, EPI_ISL_881281, EPI_ISL_881282, EPI_ISL_881283, EPI_ISL_881284, EPI_ISL_881285, EPI_ISL_881286, EPI_ISL_881287, EPI_ISL_881288, EPI_ISL_881289, EPI_ISL_881290, EPI_ISL_881291, EPI_ISL_881292, EPI_ISL_881293, EPI_ISL_881294, EPI_ISL_881295, EPI_ISL_881296, EPI_ISL_881297, EPI_ISL_881298, EPI_ISL_881299, EPI_ISL_881300, EPI_ISL_881301, EPI_ISL_881302, EPI_ISL_881303, EPI_ISL_881304, EPI_ISL_881305, EPI_ISL_881306, EPI_ISL_881307, EPI_ISL_881308, EPI_ISL_881309, EPI_ISL_881310, EPI_ISL_881311, EPI_ISL_881312, EPI_ISL_881313, EPI_ISL_881314, EPI_ISL_881315, EPI_ISL_881316, EPI_ISL_881317, EPI_ISL_881318, EPI_ISL_881319, EPI_ISL_881320, EPI_ISL_881321, EPI_ISL_881322, EPI_ISL_881323, EPI_ISL_881324, EPI_ISL_881325, EPI_ISL_881326, EPI_ISL_881327, EPI_ISL_881328, EPI_ISL_881329, EPI_ISL_881330, EPI_ISL_881331, EPI_ISL_881332, EPI_ISL_881333, EPI_ISL_881334, EPI_ISL_881335, EPI_ISL_881336, EPI_ISL_881337, EPI_ISL_881338, EPI_ISL_881339, EPI_ISL_881340, EPI_ISL_881341, EPI_ISL_881342, EPI_ISL_881343, EPI_ISL_881344, EPI_ISL_881345, EPI_ISL_881346, EPI_ISL_881347, EPI_ISL_881348, EPI_ISL_881349, EPI_ISL_881350, EPI_ISL_881351, EPI_ISL_881352, EPI_ISL_881353, EPI_ISL_881354, EPI_ISL_881355, EPI_ISL_881356, EPI_ISL_881357, EPI_ISL_881358, EPI_ISL_881359, EPI_ISL_881360, EPI_ISL_881361, EPI_ISL_881362, EPI_ISL_881363, EPI_ISL_881364, EPI_ISL_881365, EPI_ISL_881366, EPI_ISL_881367, EPI_ISL_881368, EPI_ISL_881369, EPI_ISL_881370, EPI_ISL_881371, EPI_ISL_881372, EPI_ISL_881373, EPI_ISL_881374, EPI_ISL_881375, EPI_ISL_881376, EPI_ISL_881377, EPI_ISL_881378, EPI_ISL_881379, EPI_ISL_881380, EPI_ISL_881381, EPI_ISL_881382, EPI_ISL_881383, EPI_ISL_881384, EPI_ISL_881385, EPI_ISL_881386, EPI_ISL_881387, EPI_ISL_881388, EPI_ISL_881389, EPI_ISL_881390, EPI_ISL_881391, EPI_ISL_881392, EPI_ISL_881393, EPI_ISL_881394, EPI_ISL_881395, EPI_ISL_881396, EPI_ISL_881397, EPI_ISL_881398, EPI_ISL_881399, EPI_ISL_881400, EPI_ISL_881401, EPI_ISL_881402, EPI_ISL_881403, EPI_ISL_881404, EPI_ISL_881405, EPI_ISL_881406, EPI_ISL_881407, EPI_ISL_881408, EPI_ISL_881409, EPI_ISL_881410, EPI_ISL_881411, EPI_ISL_881412, EPI_ISL_881413, EPI_ISL_881414, EPI_ISL_881415, EPI_ISL_881416, EPI_ISL_881417, EPI_ISL_881418, EPI_ISL_881419, EPI_ISL_881420, EPI_ISL_881421, EPI_ISL_881422, EPI_ISL_881423, EPI_ISL_881424, EPI_ISL_881425, EPI_ISL_881426, EPI_ISL_881427, EPI_ISL_881428, EPI_ISL_881429, EPI_ISL_881430, EPI_ISL_881431, EPI_ISL_881432, EPI_ISL_881433, EPI_ISL_881434, EPI_ISL_881435, EPI_ISL_881436, EPI_ISL_881437, EPI_ISL_881438, EPI_ISL_881439, EPI_ISL_881440, EPI_ISL_881441, EPI_ISL_881442, EPI_ISL_881443, EPI_ISL_881444, EPI_ISL_881445, EPI_ISL_881446, EPI_ISL_881447, EPI_ISL_881448, EPI_ISL_881449, EPI_ISL_881450, EPI_ISL_881451, EPI_ISL_881452, EPI_ISL_881453, EPI_ISL_881454, EPI_ISL_881455, EPI_ISL_881456, EPI_ISL_881457, EPI_ISL_881458, EPI_ISL_881459, EPI_ISL_881460, EPI_ISL_881461, EPI_ISL_881462, EPI_ISL_881463, EPI_ISL_881464, EPI_ISL_881465, EPI_ISL_881466, EPI_ISL_881467, EPI_ISL_881468, EPI_ISL_881469, EPI_ISL_881470, EPI_ISL_881471, EPI_ISL_881472, EPI_ISL_881473, EPI_ISL_881474, EPI_ISL_881475, EPI_ISL_881476, EPI_ISL_881477, EPI_ISL_881478, EPI_ISL_881479, EPI_ISL_881480, EPI_ISL_881481, EPI_ISL_881482, EPI_ISL_881483, EPI_ISL_881484, EPI_ISL_881485, EPI_ISL_881486, EPI_ISL_881487, EPI_ISL_881488, EPI_ISL_881489, EPI_ISL_881490, EPI_ISL_881491, EPI_ISL_881492, EPI_ISL_881493, EPI_ISL_881494, EPI_ISL_881495, EPI_ISL_881496, EPI_ISL_881497, EPI_ISL_881498, EPI_ISL_881499, EPI_ISL_881500, EPI_ISL_881501, EPI_ISL_881502, EPI_ISL_881503, EPI_ISL_881504, EPI_ISL_881505, EPI_ISL_881506, EPI_ISL_881507, EPI_ISL_881508, EPI_ISL_881509, EPI_ISL_881510, EPI_ISL_881511, EPI_ISL_881512, EPI_ISL_881513, EPI_ISL_881514, EPI_ISL_881515, EPI_ISL_881516, EPI_ISL_881517, EPI_ISL_881518, EPI_ISL_881519, EPI_ISL_881520, EPI_ISL_881521, EPI_ISL_881522, EPI_ISL_881523, EPI_ISL_881524, EPI_ISL_881525, EPI_ISL_881526, EPI_ISL_881527, EPI_ISL_881528, EPI_ISL_881529, EPI_ISL_881530, EPI_ISL_881531, EPI_ISL_881532, EPI_ISL_881533, EPI_ISL_881534, EPI_ISL_881535, EPI_ISL_881536, EPI_ISL_881537, EPI_ISL_881538, EPI_ISL_881539, EPI_ISL_881540, EPI_ISL_881541, EPI_ISL_881542, EPI_ISL_881543, EPI_ISL_881544, EPI_ISL_881545, EPI_ISL_881546, EPI_ISL_881547, EPI_ISL_881548, EPI_ISL_881549, EPI_ISL_881550, EPI_ISL_881551, EPI_ISL_881552, EPI_ISL_881553, EPI_ISL_881554, EPI_ISL_881555, EPI_ISL_881556, EPI_ISL_881557, EPI_ISL_881558, EPI_ISL_881559, EPI_ISL_881560, EPI_ISL_881561, EPI_ISL_881562, EPI_ISL_881563, EPI_ISL_881564, EPI_ISL_881565, EPI_ISL_881566, EPI_ISL_881567, EPI_ISL_881568, EPI_ISL_881569, EPI_ISL_881570, EPI_ISL_881571, EPI_ISL_881572, EPI_ISL_881573, EPI_ISL_881574, EPI_ISL_881575, EPI_ISL_881576, EPI_ISL_881577, EPI_ISL_881578, EPI_ISL_881579, EPI_ISL_881580, EPI_ISL_881581, EPI_ISL_881582, EPI_ISL_881583, EPI_ISL_881584, EPI_ISL_881585, EPI_ISL_881586, EPI_ISL_881587, EPI_ISL_881588, EPI_ISL_881589, EPI_ISL_881590, EPI_ISL_881591, EPI_ISL_881592, EPI_ISL_881593, EPI_ISL_881594, EPI_ISL_881595, EPI_ISL_881596, EPI_ISL_881597, EPI_ISL_881598, EPI_ISL_881599, EPI_ISL_881600, EPI_ISL_881601, EPI_ISL_881602, EPI_ISL_881603, EPI_ISL_881604, EPI_ISL_881605, EPI_ISL_881606, EPI_ISL_881607, EPI_ISL_881608, EPI_ISL_881609, EPI_ISL_881610, EPI_ISL_881611, EPI_ISL_881612, EPI_ISL_881613, EPI_ISL_881614, EPI_ISL_881615, EPI_ISL_881616			
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_881620, EPI_ISL_881622	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_882300, EPI_ISL_882606, EPI_ISL_882607, EPI_ISL_882608	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_882670	Hospital Samaritano Paulista	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_883318, EPI_ISL_883319, EPI_ISL_883320, EPI_ISL_883321, EPI_ISL_883322, EPI_ISL_883323	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883324	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883425, EPI_ISL_883430	BOSTON HEART DIAGNOSTICS CORP	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_884054	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 Pitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_884257	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_884580, EPI_ISL_884581, EPI_ISL_884586, EPI_ISL_884590, EPI_ISL_884591, EPI_ISL_884592, EPI_ISL_884598, EPI_ISL_884599, EPI_ISL_884602, EPI_ISL_884604, EPI_ISL_884605, EPI_ISL_884607, EPI_ISL_884608, EPI_ISL_884612, EPI_ISL_884613, EPI_ISL_884624, EPI_ISL_884626, EPI_ISL_884629, EPI_ISL_884631, EPI_ISL_884644, EPI_ISL_884645, EPI_ISL_884648, EPI_ISL_884650, EPI_ISL_884653, EPI_ISL_884663, EPI_ISL_884665, EPI_ISL_884669, EPI_ISL_884674, EPI_ISL_884684, EPI_ISL_884696, EPI_ISL_884705, EPI_ISL_884710, EPI_ISL_884714, EPI_ISL_884722, EPI_ISL_884724, EPI_ISL_884725			
see above	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barret,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_885160, EPI_ISL_885163, EPI_ISL_885178, EPI_ISL_885180, EPI_ISL_885183, EPI_ISL_885187, EPI_ISL_885189, EPI_ISL_885197, EPI_ISL_885211, EPI_ISL_885213, EPI_ISL_885214, EPI_ISL_885215, EPI_ISL_885224, EPI_ISL_885248, EPI_ISL_885250, EPI_ISL_885254, EPI_ISL_885275, EPI_ISL_885288, EPI_ISL_885289, EPI_ISL_885295, EPI_ISL_885297, EPI_ISL_885302, EPI_ISL_885305, EPI_ISL_885307, EPI_ISL_885311, EPI_ISL_885317, EPI_ISL_885319, EPI_ISL_885321, EPI_ISL_885326, EPI_ISL_885337, EPI_ISL_885349, EPI_ISL_885352, EPI_ISL_885353, EPI_ISL_885359, EPI_ISL_885361, EPI_ISL_885364, EPI_ISL_885365, EPI_ISL_885366, EPI_ISL_885369, EPI_ISL_885374, EPI_ISL_885376, EPI_ISL_885390, EPI_ISL_885411, EPI_ISL_885413, EPI_ISL_885422, EPI_ISL_885427, EPI_ISL_885431, EPI_ISL_885452, EPI_ISL_885458, EPI_ISL_885459, EPI_ISL_885463, EPI_ISL_885471, EPI_ISL_885472, EPI_ISL_885476, EPI_ISL_885478, EPI_ISL_885499, EPI_ISL_885500, EPI_ISL_885503, EPI_ISL_885513, EPI_ISL_885541, EPI_ISL_885543, EPI_ISL_885557, EPI_ISL_885586, EPI_ISL_885587, EPI_ISL_885589, EPI_ISL_885597, EPI_ISL_885630, EPI_ISL_885637, EPI_ISL_885640, EPI_ISL_885649, EPI_ISL_885661, EPI_ISL_885683, EPI_ISL_885690, EPI_ISL_885725, EPI_ISL_885758, EPI_ISL_885762, EPI_ISL_885766, EPI_ISL_885813, EPI_ISL_885828, EPI_ISL_885855, EPI_ISL_885860, EPI_ISL_885867, EPI_ISL_885880, EPI_ISL_885912, EPI_ISL_885916, EPI_ISL_885918, EPI_ISL_885935, EPI_ISL_885954, EPI_ISL_885958, EPI_ISL_885962, EPI_ISL_885966, EPI_ISL_886039, EPI_ISL_886056, EPI_ISL_886057, EPI_ISL_886103, EPI_ISL_886121, EPI_ISL_886136, EPI_ISL_886142			
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_887529	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hual Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_888850, EPI_ISL_888851, EPI_ISL_888903	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_891144	Indiana Animal Disease Diagnostic Laboratory	Carpi Laboratory - Purdue University	Jack Dorman, Ilinca I Ciubotariu, Lev Gorenstein, Abebe A Fola, G Kenitra Hendrix, Rebecca P Wilkes, Giovanna Carpi
EPI_ISL_891700	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_891901, EPI_ISL_891903, EPI_ISL_891908, EPI_ISL_891909, EPI_ISL_891918, EPI_ISL_891921, EPI_ISL_891924, EPI_ISL_891925, EPI_ISL_891927, EPI_ISL_891928, EPI_ISL_891929, EPI_ISL_891930, EPI_ISL_891931, EPI_ISL_891932, EPI_ISL_891933, EPI_ISL_891934, EPI_ISL_891935, EPI_ISL_891936, EPI_ISL_891937, EPI_ISL_891938, EPI_ISL_891939, EPI_ISL_891940, EPI_ISL_891941, EPI_ISL_891942, EPI_ISL_891943, EPI_ISL_891944, EPI_ISL_891945, EPI_ISL_891946, EPI_ISL_891949, EPI_ISL_891950, EPI_ISL_891953, EPI_ISL_891954, EPI_ISL_891957, EPI_ISL_891959, EPI_ISL_891962, EPI_ISL_891963, EPI_ISL_891967, EPI_ISL_891970, EPI_ISL_891972, EPI_ISL_891973, EPI_ISL_891976, EPI_ISL_891979, EPI_ISL_891980, EPI_ISL_891981, EPI_ISL_891984, EPI_ISL_891985, EPI_ISL_891987, EPI_ISL_891988, EPI_ISL_891989, EPI_ISL_891991, EPI_ISL_891992, EPI_ISL_891993, EPI_ISL_891994, EPI_ISL_891995, EPI_ISL_891996, EPI_ISL_891997, EPI_ISL_891998, EPI_ISL_891999, EPI_ISL_892001, EPI_ISL_892002, EPI_ISL_892003, EPI_ISL_892004, EPI_ISL_892006, EPI_ISL_892007, EPI_ISL_892008, EPI_ISL_892013, EPI_ISL_892020, EPI_ISL_892021, EPI_ISL_892022, EPI_ISL_892023, EPI_ISL_892024, EPI_ISL_892025, EPI_ISL_892026, EPI_ISL_892028, EPI_ISL_892029, EPI_ISL_892031, EPI_ISL_892032, EPI_ISL_892034, EPI_ISL_892035, EPI_ISL_892036, EPI_ISL_892037, EPI_ISL_892038, EPI_ISL_892039, EPI_ISL_892040, EPI_ISL_892042, EPI_ISL_892043, EPI_ISL_892047, EPI_ISL_892048, EPI_ISL_892056, EPI_ISL_892129, EPI_ISL_892130, EPI_ISL_892131, EPI_ISL_892132, EPI_ISL_892134, EPI_ISL_892136, EPI_ISL_892137, EPI_ISL_892138, EPI_ISL_892139, EPI_ISL_892140, EPI_ISL_892143, EPI_ISL_892144, EPI_ISL_892145, EPI_ISL_892146, EPI_ISL_892147, EPI_ISL_892148, EPI_ISL_892149, EPI_ISL_892150, EPI_ISL_892151, EPI_ISL_892152, EPI_ISL_892153, EPI_ISL_892154, EPI_ISL_892155, EPI_ISL_892156, EPI_ISL_892157, EPI_ISL_892158, EPI_ISL_892159, EPI_ISL_892161, EPI_ISL_892163, EPI_ISL_892164, EPI_ISL_892168, EPI_ISL_892169, EPI_ISL_892170, EPI_ISL_892171, EPI_ISL_892172, EPI_ISL_892173, EPI_ISL_892175, EPI_ISL_892176, EPI_ISL_892177, EPI_ISL_892178, EPI_ISL_892180, EPI_ISL_892181, EPI_ISL_892182, EPI_ISL_892183, EPI_ISL_892184, EPI_ISL_892185, EPI_ISL_892186, EPI_ISL_892187, EPI_ISL_892188, EPI_ISL_892198, EPI_ISL_892199			
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_892201	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_892202, EPI_ISL_892203, EPI_ISL_892204, EPI_ISL_892205	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

EPI_ISL_894255, EPI_ISL_894256, EPI_ISL_894257, EPI_ISL_894258, EPI_ISL_894259, EPI_ISL_894260, EPI_ISL_894261, EPI_ISL_894262, EPI_ISL_894263, EPI_ISL_894264, EPI_ISL_894265, EPI_ISL_894266, EPI_ISL_894267, EPI_ISL_894268, EPI_ISL_894269, EPI_ISL_894270, EPI_ISL_894271, EPI_ISL_894272, EPI_ISL_894273, EPI_ISL_894274, EPI_ISL_894275, EPI_ISL_894276	see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_896070	Rothen Medizinische Laboratorien AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Ingrid Steffen, Manuel Battegay, Hans Hirsch, Adrian Egli	
EPI_ISL_896447, EPI_ISL_896448, EPI_ISL_896449, EPI_ISL_896450, EPI_ISL_896451, EPI_ISL_896452, EPI_ISL_896453, EPI_ISL_896454, EPI_ISL_896455, EPI_ISL_896457, EPI_ISL_896458, EPI_ISL_896459, EPI_ISL_896460, EPI_ISL_896461, EPI_ISL_896462, EPI_ISL_896463, EPI_ISL_896464, EPI_ISL_896465, EPI_ISL_896466, EPI_ISL_896467, EPI_ISL_896468, EPI_ISL_896469, EPI_ISL_896470, EPI_ISL_896471, EPI_ISL_896472, EPI_ISL_896473	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_897598, EPI_ISL_897601, EPI_ISL_897603, EPI_ISL_897616, EPI_ISL_897617, EPI_ISL_897618, EPI_ISL_897619, EPI_ISL_897620, EPI_ISL_897621, EPI_ISL_897622, EPI_ISL_897623, EPI_ISL_897624, EPI_ISL_897625, EPI_ISL_897626, EPI_ISL_897627, EPI_ISL_897628, EPI_ISL_897629, EPI_ISL_897630, EPI_ISL_897631, EPI_ISL_897670, EPI_ISL_897674, EPI_ISL_897677	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_897989, EPI_ISL_897990, EPI_ISL_897993, EPI_ISL_897996, EPI_ISL_897998, EPI_ISL_898000, EPI_ISL_898001, EPI_ISL_898002, EPI_ISL_898004, EPI_ISL_898005, EPI_ISL_898007	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_900492, EPI_ISL_900493, EPI_ISL_900494, EPI_ISL_900496, EPI_ISL_900497, EPI_ISL_900498, EPI_ISL_900501	Althaia. Xarxa Assistencial Universit�ria de Manresa	IrsiCaixa - Can Ruti CovidSeq	Fundaci� irsiCaixa. Hospital Universitari Germans Trias i Pujol(HUGTIP), 2a planta, maternal Ctra Canyet s/n, Badalona Gloria Trujillo, Rafel Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet	
EPI_ISL_902753	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, D.Gallone, G Parisi, A Di Caro, MR Capobianchi	
EPI_ISL_902754	University Hospital Sant'Andrea-Sapienza	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, M Rueca, O Butera, F Messina, C.E.M Gruber, M Simmaco, I Santino, A Di Caro, MR Capobianchi	
EPI_ISL_902757	San Camillo De Lellis Rieti Hospital	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, S Venarubea, A De Luca, A Di Caro, MR Capobianchi	
EPI_ISL_903366	University Medical Center Hamburg Eppendorf	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas G�nther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff	
EPI_ISL_904212, EPI_ISL_904213, EPI_ISL_904214, EPI_ISL_904215, EPI_ISL_904216, EPI_ISL_904247, EPI_ISL_904254	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_904660, EPI_ISL_904661, EPI_ISL_904675, EPI_ISL_904679, EPI_ISL_904680, EPI_ISL_904682, EPI_ISL_904683, EPI_ISL_904684, EPI_ISL_904685, EPI_ISL_904686, EPI_ISL_904687, EPI_ISL_904688, EPI_ISL_904691, EPI_ISL_904692, EPI_ISL_904693, EPI_ISL_904694, EPI_ISL_904697, EPI_ISL_904698, EPI_ISL_904699, EPI_ISL_904710, EPI_ISL_904714, EPI_ISL_904719, EPI_ISL_904720, EPI_ISL_904958, EPI_ISL_904959, EPI_ISL_904960, EPI_ISL_904962, EPI_ISL_904963, EPI_ISL_904964, EPI_ISL_904965, EPI_ISL_904966, EPI_ISL_904967, EPI_ISL_904968, EPI_ISL_904969, EPI_ISL_904970, EPI_ISL_904971, EPI_ISL_904976, EPI_ISL_904978, EPI_ISL_904979, EPI_ISL_905017, EPI_ISL_905032, EPI_ISL_905064, EPI_ISL_905068, EPI_ISL_905114, EPI_ISL_905177, EPI_ISL_905179, EPI_ISL_905184, EPI_ISL_905191, EPI_ISL_905194, EPI_ISL_905198, EPI_ISL_905199, EPI_ISL_905608, EPI_ISL_905614, EPI_ISL_905721, EPI_ISL_905726, EPI_ISL_905727, EPI_ISL_905730	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_905748, EPI_ISL_905751	National Institute of Public Health - National Institute of Hygiene	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna	
EPI_ISL_906282	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniji P.E. et al	
EPI_ISL_908936, EPI_ISL_908943, EPI_ISL_908960, EPI_ISL_908966, EPI_ISL_908969, EPI_ISL_908971, EPI_ISL_908972, EPI_ISL_908973, EPI_ISL_908975, EPI_ISL_908977, EPI_ISL_908979, EPI_ISL_908980, EPI_ISL_908981, EPI_ISL_908984, EPI_ISL_908994, EPI_ISL_909000, EPI_ISL_909001, EPI_ISL_909012, EPI_ISL_909013, EPI_ISL_909020, EPI_ISL_909025, EPI_ISL_909028, EPI_ISL_909032, EPI_ISL_909033, EPI_ISL_909039, EPI_ISL_909042, EPI_ISL_909045, EPI_ISL_909055, EPI_ISL_909064, EPI_ISL_909073, EPI_ISL_909074, EPI_ISL_909077, EPI_ISL_909098, EPI_ISL_909104, EPI_ISL_909112, EPI_ISL_909126, EPI_ISL_909134, EPI_ISL_909135, EPI_ISL_909140, EPI_ISL_909141, EPI_ISL_909142, EPI_ISL_909151, EPI_ISL_909164, EPI_ISL_909168, EPI_ISL_909175, EPI_ISL_909183, EPI_ISL_909188, EPI_ISL_909190, EPI_ISL_909196, EPI_ISL_909199, EPI_ISL_909209, EPI_ISL_909213, EPI_ISL_909221, EPI_ISL_909225, EPI_ISL_909229, EPI_ISL_909232, EPI_ISL_909244, EPI_ISL_909249, EPI_ISL_909253, EPI_ISL_909258, EPI_ISL_909264, EPI_ISL_909404, EPI_ISL_909495	see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_909655, EPI_ISL_909657, EPI_ISL_909658, EPI_ISL_909659, EPI_ISL_909663, EPI_ISL_909664	Labo Analyses med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeeene, Sylvie van der Werf,Amzalag Jonas	
EPI_ISL_909666	Hopital Avicenne. Laboratoire central de bact�riologie virologie hygi�ne	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeeene, Sylvie van der Werf,Brichler S�gol�ne	
EPI_ISL_909667, EPI_ISL_909668	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeeene, Sylvie van der Werf,Le Vicky	
EPI_ISL_909669, EPI_ISL_909670, EPI_ISL_909671, EPI_ISL_909672, EPI_ISL_909673	Labo Analyses med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeeene, Sylvie van der Werf,Amzalag Jonas	
EPI_ISL_909747, EPI_ISL_909752	Charit� Universit�tsmedizin Berlin, Institut f�r Virologie/Labor Berlin	Charit� Universit�tsmedizin Berlin, Institut f�r Virologie	Victor M Corman, Barbara M�hlemann, J�rn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten	
EPI_ISL_909775, EPI_ISL_909817, EPI_ISL_909818, EPI_ISL_909827, EPI_ISL_909828, EPI_ISL_909829, EPI_ISL_909830, EPI_ISL_909833, EPI_ISL_909834, EPI_ISL_909841, EPI_ISL_909844, EPI_ISL_909847, EPI_ISL_909850, EPI_ISL_909851, EPI_ISL_909854, EPI_ISL_909855, EPI_ISL_909856, EPI_ISL_909857, EPI_ISL_909859, EPI_ISL_909860, EPI_ISL_909861, EPI_ISL_909862, EPI_ISL_909864, EPI_ISL_909865, EPI_ISL_909866, EPI_ISL_909867, EPI_ISL_909869, EPI_ISL_909870, EPI_ISL_909871, EPI_ISL_909872, EPI_ISL_909875, EPI_ISL_909909	see above	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun	
EPI_ISL_911136, EPI_ISL_911137, EPI_ISL_911138, EPI_ISL_911147, EPI_ISL_911150, EPI_ISL_911156, EPI_ISL_911157, EPI_ISL_911179, EPI_ISL_911234	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Tamir Abdelrahman	
EPI_ISL_911285, EPI_ISL_911287, EPI_ISL_911288, EPI_ISL_911291, EPI_ISL_911293, EPI_ISL_911294, EPI_ISL_911295, EPI_ISL_911296, EPI_ISL_911301, EPI_ISL_911303, EPI_ISL_911304, EPI_ISL_911305, EPI_ISL_911312, EPI_ISL_911313, EPI_ISL_911315, EPI_ISL_911322, EPI_ISL_911323, EPI_ISL_911325, EPI_ISL_911328, EPI_ISL_911330, EPI_ISL_911332, EPI_ISL_911338, EPI_ISL_911339, EPI_ISL_911340, EPI_ISL_911347, EPI_ISL_911349	see above	Servicio de Microbiolog�a, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla L�pez-Causap�, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_911746	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nimalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur	
EPI_ISL_912225	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic	

(COG-UK) Consortium			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_912249	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie Berlin	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_912268, EPI_ISL_912275, EPI_ISL_912282, EPI_ISL_912289, EPI_ISL_912291, EPI_ISL_912294, EPI_ISL_912296, EPI_ISL_912300, EPI_ISL_912301, EPI_ISL_912302, EPI_ISL_912304, EPI_ISL_912310	see above	SeqCOVID-SPAIN consortium / IBV (CSIC)	Darío García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_912316	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium / IBV (CSIC)	Sergio Buenestado Serrano, Pedro J. Sola Campoy, Laura Pérez-Lago, Pilar Catalán, Arturo fraile Torres, Andrés Von Wernitz, Carmen del Arco, Patricia Muñoz, Laura Cardeñoso, Darío García de Viedma and SeqCOVID-SPAIN consortium
EPI_ISL_912320, EPI_ISL_912323, EPI_ISL_912327, EPI_ISL_912329	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, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_912337, EPI_ISL_912338	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium / IBV (CSIC)	Sergio Buenestado Serrano, Pedro J. Sola Campoy, Laura Pérez-Lago, Pilar Catalán, Arturo fraile Torres, Andrés Von Wernitz, Carmen del Arco, Patricia Muñoz, Laura Cardeñoso, Darío García de Viedma and SeqCOVID-SPAIN consortium
EPI_ISL_912340, EPI_ISL_912343, EPI_ISL_912344, EPI_ISL_912345, EPI_ISL_912346	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, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_912549	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
EPI_ISL_912554, EPI_ISL_912555, EPI_ISL_912556	C.H.R. d'Orléans - Hôpital de la Source	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guinard Jérôme
EPI_ISL_912557, EPI_ISL_912558	Centre Hospitalier de Gisors Route de Rouen	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
EPI_ISL_912559	Hopital Avicenne Laboratoire central de bactériologie virologie hygiène	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, Brichler Ségolène
EPI_ISL_912561, EPI_ISL_912562	HOPITAL SIMONE VEIL	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, Moreau Farida
EPI_ISL_912563, EPI_ISL_912564	Laboratoire Central - American Hospital of Paris	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, Ramirez José-Manuel
EPI_ISL_912565	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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, Guignon Aurélie
EPI_ISL_912566	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
EPI_ISL_912568	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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, Guignon Aurélie
EPI_ISL_912569	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
EPI_ISL_912573	C.H.R. d'Orléans - Hôpital de la Source	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guinard Jérôme
EPI_ISL_912574	Laboratoire Central - American Hospital of Paris	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, Ramirez José-Manuel
EPI_ISL_912575, EPI_ISL_912576, EPI_ISL_912577, EPI_ISL_912578, EPI_ISL_912602	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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, Guignon Aurélie
EPI_ISL_912830, EPI_ISL_912908	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_912912, EPI_ISL_912913, EPI_ISL_912914, EPI_ISL_912915, EPI_ISL_912917, EPI_ISL_912918	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_913026, EPI_ISL_913027, EPI_ISL_913028, EPI_ISL_913030, EPI_ISL_913031, EPI_ISL_913036, EPI_ISL_913037	Hospital los Arcos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandois, V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.
EPI_ISL_913114	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Latour J., Ranger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremeaux P., Izopet J.
EPI_ISL_913266	Unilabs AB Skovde	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_913411	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_913455	Unilabs AB Skovde	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_913456	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_913457	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_913586, EPI_ISL_913588, EPI_ISL_913589, EPI_ISL_913590, EPI_ISL_913591	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_913608, EPI_ISL_913609, EPI_ISL_913610	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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, Guignon Aurélie
EPI_ISL_913667	LA Office of Public Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong

EPI_ISL_913748, EPI_ISL_913749, EPI_ISL_913750, EPI_ISL_913751, EPI_ISL_913752, EPI_ISL_913753, EPI_ISL_913754, EPI_ISL_913755, EPI_ISL_913756, EPI_ISL_913758, EPI_ISL_913759, EPI_ISL_913760, EPI_ISL_913761, EPI_ISL_913762, EPI_ISL_913763, EPI_ISL_913764, EPI_ISL_913765, EPI_ISL_913826, EPI_ISL_913827, EPI_ISL_913828, EPI_ISL_913840, EPI_ISL_913841, EPI_ISL_913845, EPI_ISL_913850	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_913992, EPI_ISL_913993, EPI_ISL_913994		TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_914035		IN State Department of Health Laboratory Service	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_914918		Quest Diagnostics	Quest Diagnostics	Rosenthal, S.H., Gerasimova, A., Kagan, R.M., Anderson, B., Hua, M., Liu, Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_915421		MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Abdul Karim sesay, Abdoulie Kante, Jarra Manneh, Mariama Kujabi, Bakary Sanyang
EPI_ISL_916622, EPI_ISL_916623, EPI_ISL_916624		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916625, EPI_ISL_916626		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916627, EPI_ISL_916628, EPI_ISL_916629, EPI_ISL_916631, EPI_ISL_916632		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916633		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916634, EPI_ISL_916638, EPI_ISL_916639, EPI_ISL_916640, EPI_ISL_916641, EPI_ISL_916642, EPI_ISL_916643, EPI_ISL_916644		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916645		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916647		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916648, EPI_ISL_916649		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916650, EPI_ISL_916652, EPI_ISL_916653, EPI_ISL_916654, EPI_ISL_916657, EPI_ISL_916659, EPI_ISL_916660		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916661, EPI_ISL_916662		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916663, EPI_ISL_916666		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916668		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916669, EPI_ISL_916671, EPI_ISL_916673, EPI_ISL_916674		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916675		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916676, EPI_ISL_916677, EPI_ISL_916681, EPI_ISL_916683		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916684		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916685, EPI_ISL_916686, EPI_ISL_916687		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916688		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916689, EPI_ISL_916690, EPI_ISL_916691, EPI_ISL_916693		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916694		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

		(COG-UK) Consortium	Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_917166	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_917167, EPI_ISL_918060, EPI_ISL_918061	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_918062, EPI_ISL_918063, EPI_ISL_918064, EPI_ISL_918065, EPI_ISL_918066, EPI_ISL_918067, EPI_ISL_918070, EPI_ISL_918071, EPI_ISL_918073, EPI_ISL_918074, EPI_ISL_918075, EPI_ISL_918080, EPI_ISL_918081, EPI_ISL_918083, EPI_ISL_918084, EPI_ISL_918085, EPI_ISL_918086, EPI_ISL_918087, EPI_ISL_918089, EPI_ISL_918091, EPI_ISL_918092, EPI_ISL_918093, EPI_ISL_918096, EPI_ISL_918098, EPI_ISL_918101, EPI_ISL_918102, EPI_ISL_918103, EPI_ISL_918105, EPI_ISL_918106, EPI_ISL_918107, EPI_ISL_918109, EPI_ISL_918111, EPI_ISL_918112, EPI_ISL_918113, EPI_ISL_918114, EPI_ISL_918115, EPI_ISL_918118, EPI_ISL_918119, EPI_ISL_918120, EPI_ISL_918121, EPI_ISL_918122, EPI_ISL_918123, EPI_ISL_918124			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_918165	UMR190-Unité des virus émergents	UMR190-Unité des virus émergents	Cecile Baronti
EPI_ISL_918493	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_918764, EPI_ISL_918765, EPI_ISL_918766, EPI_ISL_918767, EPI_ISL_918769, EPI_ISL_918771, EPI_ISL_918772, EPI_ISL_918773, EPI_ISL_918774, EPI_ISL_918776, EPI_ISL_918777, EPI_ISL_918778, EPI_ISL_918780, EPI_ISL_918781, EPI_ISL_918782, EPI_ISL_918783, EPI_ISL_918784, EPI_ISL_918785, EPI_ISL_918787, EPI_ISL_918788, EPI_ISL_918789, EPI_ISL_918790, EPI_ISL_918791, EPI_ISL_918792, EPI_ISL_918794, EPI_ISL_918795, EPI_ISL_918796, EPI_ISL_918797, EPI_ISL_918798, EPI_ISL_918799, EPI_ISL_918800, EPI_ISL_918801, EPI_ISL_918802, EPI_ISL_918804, EPI_ISL_918805, EPI_ISL_918806, EPI_ISL_918807, EPI_ISL_918808, EPI_ISL_918809, EPI_ISL_918811, EPI_ISL_918812, EPI_ISL_918813, EPI_ISL_918814, EPI_ISL_918815, EPI_ISL_918816, EPI_ISL_918817, EPI_ISL_918818, EPI_ISL_918819, EPI_ISL_918820, EPI_ISL_918821, EPI_ISL_918822, EPI_ISL_918823, EPI_ISL_918824, EPI_ISL_918825, EPI_ISL_918826, EPI_ISL_918827, EPI_ISL_918842, EPI_ISL_918843, EPI_ISL_918844, EPI_ISL_918845, EPI_ISL_918869, EPI_ISL_918874, EPI_ISL_918876, EPI_ISL_918878, EPI_ISL_918882, EPI_ISL_918912, EPI_ISL_918913, EPI_ISL_918977, EPI_ISL_918978, EPI_ISL_918979, EPI_ISL_918980, EPI_ISL_918981, EPI_ISL_918982, EPI_ISL_918983			
see above	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_919057, EPI_ISL_919059, EPI_ISL_919060, EPI_ISL_919061, EPI_ISL_919065, EPI_ISL_919066, EPI_ISL_919068, EPI_ISL_919069, EPI_ISL_919072, EPI_ISL_919076, EPI_ISL_919078, EPI_ISL_919083, EPI_ISL_919085, EPI_ISL_919088, EPI_ISL_919090, EPI_ISL_919094, EPI_ISL_919096, EPI_ISL_919098	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_919198, EPI_ISL_919200, EPI_ISL_919201, EPI_ISL_919202, EPI_ISL_919203, EPI_ISL_919204, EPI_ISL_919205, EPI_ISL_919206, EPI_ISL_919207, EPI_ISL_919209, EPI_ISL_919210, EPI_ISL_919212	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_919483, EPI_ISL_919524, EPI_ISL_919526, EPI_ISL_919527, EPI_ISL_919528, EPI_ISL_919529, EPI_ISL_919531, EPI_ISL_919539, EPI_ISL_919540, EPI_ISL_919541, EPI_ISL_919544, EPI_ISL_919545, EPI_ISL_919546, EPI_ISL_919549, EPI_ISL_919551, EPI_ISL_919552, EPI_ISL_919553, EPI_ISL_919554, EPI_ISL_919555, EPI_ISL_919558, EPI_ISL_919561, EPI_ISL_919566, EPI_ISL_919567, EPI_ISL_919569, EPI_ISL_919580, EPI_ISL_919581, EPI_ISL_919583, EPI_ISL_919584, EPI_ISL_919586, EPI_ISL_919592, EPI_ISL_919597, EPI_ISL_919598, EPI_ISL_919599, EPI_ISL_919600, EPI_ISL_919632, EPI_ISL_919634, EPI_ISL_919637, EPI_ISL_919641, EPI_ISL_919643, EPI_ISL_919645, EPI_ISL_919646, EPI_ISL_919647, EPI_ISL_919650, EPI_ISL_919653, EPI_ISL_919655			
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 Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_919853	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_920026, EPI_ISL_920030, EPI_ISL_920031, EPI_ISL_920032, EPI_ISL_920033, EPI_ISL_920035, EPI_ISL_920036, EPI_ISL_920037, EPI_ISL_920038, EPI_ISL_920039, EPI_ISL_920043, EPI_ISL_920044, EPI_ISL_920045, EPI_ISL_920052, EPI_ISL_920053, EPI_ISL_920054, EPI_ISL_920055, EPI_ISL_920056, EPI_ISL_920057, EPI_ISL_920058, EPI_ISL_920079, EPI_ISL_920080			
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_920174, EPI_ISL_920175, EPI_ISL_920177, EPI_ISL_920180, EPI_ISL_920181, EPI_ISL_920182, EPI_ISL_920183, EPI_ISL_920184, EPI_ISL_920186, EPI_ISL_920190, EPI_ISL_920194, EPI_ISL_920195, EPI_ISL_920196, EPI_ISL_920197, EPI_ISL_920198, EPI_ISL_920200, EPI_ISL_920201, EPI_ISL_920202, EPI_ISL_920203, EPI_ISL_920205, EPI_ISL_920206, EPI_ISL_920208, EPI_ISL_920210, EPI_ISL_920211, EPI_ISL_920212, EPI_ISL_920214, EPI_ISL_920215, EPI_ISL_920217, EPI_ISL_920218, EPI_ISL_920219, EPI_ISL_920222, EPI_ISL_920224, EPI_ISL_920225, EPI_ISL_920226, EPI_ISL_920227, EPI_ISL_920228, EPI_ISL_920229, EPI_ISL_920230, EPI_ISL_920231, EPI_ISL_920232, EPI_ISL_920233, EPI_ISL_920234, EPI_ISL_920235, EPI_ISL_920236, EPI_ISL_920237, EPI_ISL_920238, EPI_ISL_920239, EPI_ISL_920244, EPI_ISL_920245, EPI_ISL_920246, EPI_ISL_920247, EPI_ISL_920252, EPI_ISL_920253, EPI_ISL_920254, EPI_ISL_920255, EPI_ISL_920261, EPI_ISL_920262, EPI_ISL_920263, EPI_ISL_920264, EPI_ISL_920265, EPI_ISL_920266, EPI_ISL_920271, EPI_ISL_920272, EPI_ISL_920273, EPI_ISL_920274, EPI_ISL_920275, EPI_ISL_920276, EPI_ISL_920283, EPI_ISL_920285, EPI_ISL_920286, EPI_ISL_920287, EPI_ISL_920293, EPI_ISL_920294, EPI_ISL_920295, EPI_ISL_920296, EPI_ISL_920305, EPI_ISL_920306, EPI_ISL_920307, EPI_ISL_920308, EPI_ISL_920315, EPI_ISL_920316, EPI_ISL_920334, EPI_ISL_920335, EPI_ISL_920343, EPI_ISL_920350, EPI_ISL_920351, EPI_ISL_920358, EPI_ISL_920360, EPI_ISL_920367, EPI_ISL_920368, EPI_ISL_920700			
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_920882, EPI_ISL_920883, EPI_ISL_920884, EPI_ISL_920885, EPI_ISL_920886, EPI_ISL_920887, EPI_ISL_920888, EPI_ISL_920889, EPI_ISL_920890, EPI_ISL_920891, EPI_ISL_920892, EPI_ISL_920893			
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_920901, EPI_ISL_920902, EPI_ISL_920903, EPI_ISL_920904, EPI_ISL_920905, EPI_ISL_920906, EPI_ISL_920907, EPI_ISL_920908, EPI_ISL_920909, EPI_ISL_920911, EPI_ISL_920912, EPI_ISL_920913, EPI_ISL_920914, EPI_ISL_920915, EPI_ISL_920916, EPI_ISL_920917, EPI_ISL_920918, EPI_ISL_920919, EPI_ISL_920920, EPI_ISL_920921, EPI_ISL_920922, EPI_ISL_920925, EPI_ISL_920926, EPI_ISL_920927, EPI_ISL_920928, EPI_ISL_920929, EPI_ISL_920930, EPI_ISL_920931, EPI_ISL_920932, EPI_ISL_920933, EPI_ISL_920935, EPI_ISL_920936, EPI_ISL_920937, EPI_ISL_920938, EPI_ISL_920939, EPI_ISL_920940, EPI_ISL_920941, EPI_ISL_920942, EPI_ISL_920944, EPI_ISL_920945, EPI_ISL_920946, EPI_ISL_920947, EPI_ISL_920948, EPI_ISL_920950, EPI_ISL_920951, EPI_ISL_920952, EPI_ISL_920953, EPI_ISL_920954, EPI_ISL_920955, EPI_ISL_920956, EPI_ISL_920957, EPI_ISL_920958, EPI_ISL_920960, EPI_ISL_920961, EPI_ISL_920962, EPI_ISL_920963, EPI_ISL_920964, EPI_ISL_920965, EPI_ISL_920966, EPI_ISL_920967, EPI_ISL_920968, EPI_ISL_920969, EPI_ISL_920970, EPI_ISL_920971, EPI_ISL_920972, EPI_ISL_920973, EPI_ISL_920974			
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 Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_920976, EPI_ISL_920977, EPI_ISL_920978, EPI_ISL_920979, EPI_ISL_920981, EPI_ISL_920982, EPI_ISL_920983, EPI_ISL_920985, EPI_ISL_920987, EPI_ISL_920988, EPI_ISL_920991, EPI_ISL_920992, EPI_ISL_920993, EPI_ISL_920994, EPI_ISL_920995, EPI_ISL_921011, EPI_ISL_921013, EPI_ISL_921014			
see above	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_921428, EPI_ISL_921485, EPI_ISL_921521, EPI_ISL_921530, EPI_ISL_921542, EPI_ISL_921546, EPI_ISL_921550, EPI_ISL_921552, EPI_ISL_921553, EPI_ISL_921554, EPI_ISL_921555, EPI_ISL_921557, EPI_ISL_921558, EPI_ISL_921561, EPI_ISL_921562, EPI_ISL_921565, EPI_ISL_921566, EPI_ISL_921567, EPI_ISL_921568, EPI_ISL_921569, EPI_ISL_921571, EPI_ISL_921572, EPI_ISL_921574, EPI_ISL_921575, EPI_ISL_921576, EPI_ISL_921577, EPI_ISL_921578, EPI_ISL_921579, EPI_ISL_921580, EPI_ISL_921581			
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_922113, EPI_ISL_922114, EPI_ISL_922119, EPI_ISL_922123, EPI_ISL_922125, EPI_ISL_922129, EPI_ISL_922130, EPI_ISL_922131, EPI_ISL_922136, EPI_ISL_922139, EPI_ISL_922140, EPI_ISL_922143, EPI_ISL_922148			
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_922231, EPI_ISL_922232, EPI_ISL_922233, EPI_ISL_922234, EPI_ISL_922238, EPI_ISL_922239,	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_922240				
EPI_ISL_922367, EPI_ISL_922368, EPI_ISL_922384, EPI_ISL_922398, EPI_ISL_922403, EPI_ISL_922423, EPI_ISL_922428, EPI_ISL_922433, EPI_ISL_922435, EPI_ISL_922440, EPI_ISL_922442, EPI_ISL_922443, EPI_ISL_922444, EPI_ISL_922455, EPI_ISL_922488, EPI_ISL_922495, EPI_ISL_922497, EPI_ISL_922498, EPI_ISL_922500, EPI_ISL_922502, EPI_ISL_922505, EPI_ISL_922507, EPI_ISL_922510, EPI_ISL_922511, EPI_ISL_922559, EPI_ISL_922560, EPI_ISL_922565, EPI_ISL_922566, EPI_ISL_922571, EPI_ISL_922572, EPI_ISL_922574, EPI_ISL_922580, EPI_ISL_922581, EPI_ISL_922593, EPI_ISL_922598, EPI_ISL_922600, EPI_ISL_922601, EPI_ISL_922602, EPI_ISL_922605, EPI_ISL_922633, EPI_ISL_922634, EPI_ISL_922643, EPI_ISL_922645, EPI_ISL_922646, EPI_ISL_922647, EPI_ISL_922648, EPI_ISL_922649, EPI_ISL_922650, EPI_ISL_922651, EPI_ISL_922652, EPI_ISL_922654, EPI_ISL_922655, EPI_ISL_922656, EPI_ISL_922659, EPI_ISL_922669, EPI_ISL_922672, EPI_ISL_922675, EPI_ISL_922676, EPI_ISL_922678, EPI_ISL_922679, EPI_ISL_922680, EPI_ISL_922681, EPI_ISL_922682, EPI_ISL_922683, EPI_ISL_922684, EPI_ISL_922685, EPI_ISL_922686, EPI_ISL_922689, EPI_ISL_922695, EPI_ISL_922696, EPI_ISL_922698, EPI_ISL_922701, EPI_ISL_922702, EPI_ISL_922705, EPI_ISL_922707, EPI_ISL_922708, EPI_ISL_922709, EPI_ISL_922710, EPI_ISL_922712, EPI_ISL_922713, EPI_ISL_922722, EPI_ISL_922732, EPI_ISL_922734, EPI_ISL_922741, EPI_ISL_922914, EPI_ISL_922927, EPI_ISL_922928, EPI_ISL_922932, EPI_ISL_922975, EPI_ISL_922977, EPI_ISL_922978, EPI_ISL_922981, EPI_ISL_922983, EPI_ISL_922984, EPI_ISL_922987, EPI_ISL_922989, EPI_ISL_922990, EPI_ISL_922992, EPI_ISL_922995, EPI_ISL_922996, EPI_ISL_922999, EPI_ISL_923003, EPI_ISL_923004, EPI_ISL_923005, EPI_ISL_923008, EPI_ISL_923009, EPI_ISL_923010, EPI_ISL_923011, EPI_ISL_923015, EPI_ISL_923017, EPI_ISL_923022, EPI_ISL_923023, EPI_ISL_923027				
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 Kumtzenie-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor	
EPI_ISL_923276, EPI_ISL_923280, EPI_ISL_923281, EPI_ISL_923287, EPI_ISL_923290, EPI_ISL_923291, EPI_ISL_923292, EPI_ISL_923294, EPI_ISL_923298, EPI_ISL_923302, EPI_ISL_923303, EPI_ISL_923304, EPI_ISL_923307, EPI_ISL_923308, EPI_ISL_923309, EPI_ISL_923310, EPI_ISL_923311, EPI_ISL_923312, EPI_ISL_923313, EPI_ISL_923314, EPI_ISL_923317, EPI_ISL_923355, EPI_ISL_923356, EPI_ISL_923360, EPI_ISL_923361, EPI_ISL_923362, EPI_ISL_923364, EPI_ISL_923365, EPI_ISL_923366, EPI_ISL_923367, EPI_ISL_923368, EPI_ISL_923369, EPI_ISL_923370, EPI_ISL_923371, EPI_ISL_923416, EPI_ISL_923419, EPI_ISL_923438, EPI_ISL_923589, EPI_ISL_923590, EPI_ISL_923591, EPI_ISL_923592, EPI_ISL_923594, EPI_ISL_923628, EPI_ISL_923660, EPI_ISL_923664, EPI_ISL_923665, EPI_ISL_923666, EPI_ISL_923667, EPI_ISL_923668, EPI_ISL_923669, EPI_ISL_923670, EPI_ISL_923672, EPI_ISL_923673, EPI_ISL_923674, EPI_ISL_923675, EPI_ISL_923676, EPI_ISL_923677, EPI_ISL_923681, EPI_ISL_923682, EPI_ISL_923683				
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_923686, EPI_ISL_923687, EPI_ISL_923689, EPI_ISL_923691, EPI_ISL_923692, EPI_ISL_923693, EPI_ISL_923694, EPI_ISL_923695, EPI_ISL_923696, EPI_ISL_923697, EPI_ISL_923698, EPI_ISL_923699, EPI_ISL_923701, EPI_ISL_923702, EPI_ISL_923703, EPI_ISL_923704, EPI_ISL_923705, EPI_ISL_923706, EPI_ISL_923708, EPI_ISL_923709, EPI_ISL_923710, EPI_ISL_923713, EPI_ISL_923714, EPI_ISL_923715, EPI_ISL_923717, EPI_ISL_923719, EPI_ISL_923720, EPI_ISL_923721, EPI_ISL_923722, EPI_ISL_923723, EPI_ISL_923725, EPI_ISL_923726, EPI_ISL_923728, EPI_ISL_923729, EPI_ISL_923730, EPI_ISL_923731, EPI_ISL_923732, EPI_ISL_923733, EPI_ISL_923738, EPI_ISL_923739, EPI_ISL_923740, EPI_ISL_923741, EPI_ISL_923742, EPI_ISL_923743, EPI_ISL_923744, EPI_ISL_923745, EPI_ISL_923746, EPI_ISL_923747, EPI_ISL_923748, EPI_ISL_923750, EPI_ISL_923751, EPI_ISL_923752, EPI_ISL_923755, EPI_ISL_923757, EPI_ISL_923761, EPI_ISL_923762, EPI_ISL_923766, EPI_ISL_923767, EPI_ISL_923768, EPI_ISL_923769, EPI_ISL_923770, EPI_ISL_923771, EPI_ISL_923773, EPI_ISL_923774, EPI_ISL_923775, EPI_ISL_923776, EPI_ISL_923777, EPI_ISL_923779, EPI_ISL_923799, EPI_ISL_923800, EPI_ISL_923802, EPI_ISL_923803, EPI_ISL_923805, EPI_ISL_923807, EPI_ISL_923808, EPI_ISL_923812, EPI_ISL_923813, EPI_ISL_923814, EPI_ISL_923816, EPI_ISL_923818, EPI_ISL_923844, EPI_ISL_923845, EPI_ISL_923847, EPI_ISL_923848, EPI_ISL_923849, EPI_ISL_923851, EPI_ISL_923853, EPI_ISL_923854, EPI_ISL_923856, EPI_ISL_923857, EPI_ISL_923858, EPI_ISL_923859, EPI_ISL_923860, EPI_ISL_923861, EPI_ISL_923862, EPI_ISL_923865, EPI_ISL_923866, EPI_ISL_923868, EPI_ISL_923869, EPI_ISL_923870, EPI_ISL_923871, EPI_ISL_923872, EPI_ISL_923873, EPI_ISL_923874, EPI_ISL_923875, EPI_ISL_923876, EPI_ISL_923877, EPI_ISL_923878, EPI_ISL_923879, EPI_ISL_923880, EPI_ISL_923881, EPI_ISL_923882, EPI_ISL_923883, EPI_ISL_923884, EPI_ISL_923885, EPI_ISL_923886, EPI_ISL_923887, EPI_ISL_923888, EPI_ISL_923889, EPI_ISL_923890, EPI_ISL_923891, EPI_ISL_923892, EPI_ISL_923893, EPI_ISL_923894, EPI_ISL_923895, EPI_ISL_923896, EPI_ISL_923897, EPI_ISL_923898, EPI_ISL_923899, EPI_ISL_923900, EPI_ISL_923901, EPI_ISL_923911, EPI_ISL_923912, EPI_ISL_923915, EPI_ISL_923916, EPI_ISL_923917, EPI_ISL_923919, EPI_ISL_923920, EPI_ISL_923922, EPI_ISL_923923, EPI_ISL_923924, EPI_ISL_923925, EPI_ISL_923928, EPI_ISL_923929, EPI_ISL_923930, EPI_ISL_923933, EPI_ISL_923935, EPI_ISL_923936, EPI_ISL_923937, EPI_ISL_923940, EPI_ISL_923941, EPI_ISL_923942, EPI_ISL_923943, EPI_ISL_923945, EPI_ISL_923946, EPI_ISL_923947, EPI_ISL_923948, EPI_ISL_923949, EPI_ISL_923952, EPI_ISL_923955, EPI_ISL_923956, EPI_ISL_923958, EPI_ISL_923959, EPI_ISL_923961, EPI_ISL_923962, EPI_ISL_923964, EPI_ISL_923965, EPI_ISL_923967, EPI_ISL_923968, EPI_ISL_923969, EPI_ISL_923970, EPI_ISL_923973, EPI_ISL_923977, EPI_ISL_923978, EPI_ISL_923979, EPI_ISL_923980, EPI_ISL_923982, EPI_ISL_923984, EPI_ISL_923985, EPI_ISL_923989, EPI_ISL_923990, EPI_ISL_923992, EPI_ISL_923993, EPI_ISL_923994, EPI_ISL_923996, EPI_ISL_923999, EPI_ISL_924001, EPI_ISL_924002, EPI_ISL_924003, EPI_ISL_924004, EPI_ISL_924005, EPI_ISL_924006, EPI_ISL_924009, EPI_ISL_924031, EPI_ISL_924032, EPI_ISL_924034, EPI_ISL_924035, EPI_ISL_924036, EPI_ISL_924038, EPI_ISL_924039, EPI_ISL_924042, EPI_ISL_924043, EPI_ISL_924044, EPI_ISL_924045, EPI_ISL_924047, EPI_ISL_924048, EPI_ISL_924049, EPI_ISL_924051, EPI_ISL_924052, EPI_ISL_924054, EPI_ISL_924055, EPI_ISL_924057, EPI_ISL_924060, EPI_ISL_924062, EPI_ISL_924063, EPI_ISL_924064, EPI_ISL_924065, EPI_ISL_924066, EPI_ISL_924067, EPI_ISL_924069, EPI_ISL_924070, EPI_ISL_924071, EPI_ISL_924072, EPI_ISL_924073, EPI_ISL_924074, EPI_ISL_924075, EPI_ISL_924076				
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 Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow	
EPI_ISL_924096, EPI_ISL_924150, EPI_ISL_924239, EPI_ISL_924242, EPI_ISL_924247, EPI_ISL_924303, EPI_ISL_924325	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_924796, EPI_ISL_924801, EPI_ISL_924802, EPI_ISL_924803, EPI_ISL_924804, EPI_ISL_924810, EPI_ISL_924811, EPI_ISL_924812, EPI_ISL_924813, EPI_ISL_924814, EPI_ISL_924815, EPI_ISL_924817, EPI_ISL_924820, EPI_ISL_924821, EPI_ISL_924822, EPI_ISL_924823, EPI_ISL_924824, EPI_ISL_924825, EPI_ISL_924826, EPI_ISL_924830, EPI_ISL_924841, EPI_ISL_924842, EPI_ISL_924845, EPI_ISL_924857, EPI_ISL_924859, EPI_ISL_924948, EPI_ISL_924949, EPI_ISL_924953, EPI_ISL_924954, EPI_ISL_924956, EPI_ISL_924957, EPI_ISL_924958, EPI_ISL_924959, EPI_ISL_924961, EPI_ISL_924962, EPI_ISL_924963, EPI_ISL_924964, EPI_ISL_924965, EPI_ISL_924966, EPI_ISL_924967, EPI_ISL_924968, EPI_ISL_924969, EPI_ISL_924970, EPI_ISL_924971, EPI_ISL_924972, EPI_ISL_924973, EPI_ISL_924974, EPI_ISL_924977, EPI_ISL_924979, EPI_ISL_924981, EPI_ISL_924982, EPI_ISL_924985, EPI_ISL_924986, EPI_ISL_924988, EPI_ISL_924989, EPI_ISL_924990, EPI_ISL_924991, EPI_ISL_924992, EPI_ISL_924993, EPI_ISL_924994, EPI_ISL_924995, EPI_ISL_924996, EPI_ISL_924997, EPI_ISL_924998, EPI_ISL_924999, EPI_ISL_925000, EPI_ISL_925001, EPI_ISL_925003, EPI_ISL_925004, EPI_ISL_925005, EPI_ISL_925006, EPI_ISL_925007, EPI_ISL_925009, EPI_ISL_925010, EPI_ISL_925011, EPI_ISL_925012, EPI_ISL_925013				
see above	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford	
EPI_ISL_930784	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Adam Sodal, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk	
EPI_ISL_930785	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Anna Piotrowska-Mietelska, Izabela Szczygielska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk	
EPI_ISL_931584, EPI_ISL_933718, EPI_ISL_933721, EPI_ISL_933723, EPI_ISL_933734, EPI_ISL_933740, EPI_ISL_933768, EPI_ISL_933770, EPI_ISL_933771, EPI_ISL_933773, EPI_ISL_933774				
see above	Servicio de Microbiología Hospital Ramón y Cajal	Servicio de Microbiología Hospital Ramón y Cajal	José M Gonzalez-Alba, Concepción Rodríguez, Melanie Abreu, Laura Martínez, Val F Lanza, Luz Leticia Olavarrieta, Rafael Cantón, JC Galán	
EPI_ISL_934375, EPI_ISL_934379	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_934399	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_934406	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_934409	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_934410, EPI_ISL_934412	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_934554, EPI_ISL_934555, EPI_ISL_934568	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler	
EPI_ISL_934651	Institute for Water Quality and Resource Management, Technical University Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler	
EPI_ISL_934652, EPI_ISL_934653, EPI_ISL_934654	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler	
EPI_ISL_934655, EPI_ISL_934656, EPI_ISL_934657, EPI_ISL_934658, EPI_ISL_934659, EPI_ISL_934660, EPI_ISL_934661, EPI_ISL_934662, EPI_ISL_934663, EPI_ISL_934664, EPI_ISL_934665, EPI_ISL_934666, EPI_ISL_934667, EPI_ISL_934668, EPI_ISL_934669, EPI_ISL_934670, EPI_ISL_934672, EPI_ISL_934673, EPI_ISL_934674, EPI_ISL_934675, EPI_ISL_934676, EPI_ISL_934677, EPI_ISL_934678, EPI_ISL_934679, EPI_ISL_934680, EPI_ISL_934681, EPI_ISL_934682, EPI_ISL_934683, EPI_ISL_934684, EPI_ISL_934685, EPI_ISL_934686, EPI_ISL_934687, EPI_ISL_934688, EPI_ISL_934689, EPI_ISL_934690, EPI_ISL_934691, EPI_ISL_934692, EPI_ISL_934693, EPI_ISL_934694, EPI_ISL_934695				
see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler	
EPI_ISL_934990, EPI_ISL_934991	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthouzo, Nikolai Ivanov, Manuel Peitsch	
EPI_ISL_935195, EPI_ISL_935197, EPI_ISL_935238	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carreras, Piet Maes	
EPI_ISL_935527, EPI_ISL_935528,	Labo Analyses Med	National Reference Center for Viruses of Respiratory	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der	

EPI_ISL_935529, EPI_ISL_935530, EPI_ISL_935531		Infections, Institut Pasteur, Paris	Werf,Merah Kader
EPI_ISL_935537, EPI_ISL_935538	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,Bonnaudet GéRaldine
EPI_ISL_935551, EPI_ISL_935552, EPI_ISL_935553, EPI_ISL_935554, EPI_ISL_935555, EPI_ISL_935556, EPI_ISL_935557	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,Goudeau Alain
EPI_ISL_935567, EPI_ISL_935568	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,Bret Laurent
EPI_ISL_935571, EPI_ISL_935572, EPI_ISL_935573, EPI_ISL_935574, EPI_ISL_935575	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,Castelain Sandrine
EPI_ISL_935581	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,Brichler SéGolèNe
EPI_ISL_935587, EPI_ISL_935589, EPI_ISL_935596, EPI_ISL_935597, EPI_ISL_935598	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,Amzalag Jonas
EPI_ISL_937154	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937375	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_939608	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_940071, EPI_ISL_940072	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Peugeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_940157	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Bosehvska, Elizabeta Janchevska
EPI_ISL_940612	Hospital de Campanha para Enfrentamento do Coronavírus - Goiania	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940999	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, Gestin (B) Brieuc
EPI_ISL_941028, EPI_ISL_941029, EPI_ISL_941039, EPI_ISL_941042, EPI_ISL_941043, EPI_ISL_941047, EPI_ISL_941052, EPI_ISL_941054, EPI_ISL_941055, EPI_ISL_941059, EPI_ISL_941062, EPI_ISL_941064, EPI_ISL_941067, EPI_ISL_941068, EPI_ISL_941070, EPI_ISL_941072, EPI_ISL_941077, EPI_ISL_941078, EPI_ISL_941079, EPI_ISL_941080, EPI_ISL_941082, EPI_ISL_941084, EPI_ISL_941086, EPI_ISL_941087, EPI_ISL_941088, EPI_ISL_941091, EPI_ISL_941093, EPI_ISL_941095, EPI_ISL_941096, EPI_ISL_941097, EPI_ISL_941100, EPI_ISL_941101, EPI_ISL_941103			
see above	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, Merah Kader
EPI_ISL_941293	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_941338	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Emanuela Giombini, Ornella Butera, Cesare E.M. Gruber, Martina Rueca, Barbara Bartolini, Francesco Messina, Giandomenico Russo, Daniele Castiglia , Stefania Madonna, Antonino Di Caro, Maria R. Capobianchi
EPI_ISL_941352, EPI_ISL_941392, EPI_ISL_941393, EPI_ISL_941467, EPI_ISL_941476, EPI_ISL_941480, EPI_ISL_941485, EPI_ISL_941576, EPI_ISL_941577, EPI_ISL_941580, EPI_ISL_941588, EPI_ISL_941594, EPI_ISL_941603, EPI_ISL_941604, EPI_ISL_941635, EPI_ISL_941637, EPI_ISL_941642			Borges et al
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	
EPI_ISL_941675, EPI_ISL_941680, EPI_ISL_941692, EPI_ISL_941695, EPI_ISL_941738, EPI_ISL_941749, EPI_ISL_941751, EPI_ISL_941752, EPI_ISL_941753, EPI_ISL_941755, EPI_ISL_941760, EPI_ISL_941761, EPI_ISL_941812, EPI_ISL_941813, EPI_ISL_941814, EPI_ISL_941828, EPI_ISL_941830, EPI_ISL_941831, EPI_ISL_941832, EPI_ISL_941846, EPI_ISL_941868, EPI_ISL_941870, EPI_ISL_941893			
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_943025, EPI_ISL_943272, EPI_ISL_943280, EPI_ISL_943284, EPI_ISL_943287, EPI_ISL_943293, EPI_ISL_943301, EPI_ISL_943335, EPI_ISL_943381, EPI_ISL_943429	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_944189, EPI_ISL_944194, EPI_ISL_944206, EPI_ISL_944207, EPI_ISL_944214, EPI_ISL_944215, EPI_ISL_944242, EPI_ISL_944247, EPI_ISL_944339, EPI_ISL_944340, EPI_ISL_944341, EPI_ISL_944342, EPI_ISL_944343, EPI_ISL_944344, EPI_ISL_944345, EPI_ISL_944346, EPI_ISL_944347, EPI_ISL_944348, EPI_ISL_944349, EPI_ISL_944350, EPI_ISL_944351, EPI_ISL_944352, EPI_ISL_944353, EPI_ISL_944354, EPI_ISL_944355, EPI_ISL_944356, EPI_ISL_944357, EPI_ISL_944358, EPI_ISL_944359, EPI_ISL_944360, EPI_ISL_944361, EPI_ISL_944362, EPI_ISL_944363, EPI_ISL_944364, EPI_ISL_944365, EPI_ISL_944366, EPI_ISL_944367, EPI_ISL_944380, EPI_ISL_944387, EPI_ISL_944391, EPI_ISL_944392			
see above	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valencí, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_944672, EPI_ISL_944674, EPI_ISL_944676, EPI_ISL_944682, EPI_ISL_944685, EPI_ISL_944686, EPI_ISL_944690, EPI_ISL_944697, EPI_ISL_944698, EPI_ISL_944706, EPI_ISL_944708, EPI_ISL_944714			
see above	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana	Morang'a,C.M., Ngoi,J.M., Quansah,E.B., Saidi,S., Amuzu,D.S., Asante,I., Bonney,J.H., Bonney,E., Odoom,J.K., Ndam,N.T., Tei-Maya,F., Adusei-Poku,M., Ofori-Boadu,L., Ampofo,W.K., Amenga-Etego,L.N., Quashie,P., Bediako,Y., Awandare,G.A.
EPI_ISL_948967, EPI_ISL_948968, EPI_ISL_948969, EPI_ISL_948970, EPI_ISL_948971, EPI_ISL_948972, EPI_ISL_948974, EPI_ISL_948976, EPI_ISL_948977, EPI_ISL_948979, EPI_ISL_948980, EPI_ISL_948983, EPI_ISL_948985, EPI_ISL_948987, EPI_ISL_948990, EPI_ISL_948992, EPI_ISL_948993, EPI_ISL_948995, EPI_ISL_948998, EPI_ISL_948999, EPI_ISL_949002, EPI_ISL_949006, EPI_ISL_949009, EPI_ISL_949010, EPI_ISL_949012, EPI_ISL_949014, EPI_ISL_949015, EPI_ISL_949017, EPI_ISL_949018, EPI_ISL_949020, EPI_ISL_949021, EPI_ISL_949023, EPI_ISL_949025, EPI_ISL_949026, EPI_ISL_949027, EPI_ISL_949030, EPI_ISL_949031, EPI_ISL_949032, EPI_ISL_949033, EPI_ISL_949034, EPI_ISL_949036, EPI_ISL_949037, EPI_ISL_949038, EPI_ISL_949040, EPI_ISL_949043, EPI_ISL_949044, EPI_ISL_949045, EPI_ISL_949046, EPI_ISL_949047, EPI_ISL_949048, EPI_ISL_949049, EPI_ISL_949050, EPI_ISL_949051, EPI_ISL_949052, EPI_ISL_949053, EPI_ISL_949054, EPI_ISL_949055, EPI_ISL_949056, EPI_ISL_949057, EPI_ISL_949058, EPI_ISL_949059, EPI_ISL_949060, EPI_ISL_949062, EPI_ISL_949064, EPI_ISL_949066			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_949255	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949256, EPI_ISL_949258, EPI_ISL_949259, EPI_ISL_949261, EPI_ISL_949262, EPI_ISL_949263, EPI_ISL_949265, EPI_ISL_949266, EPI_ISL_949267, EPI_ISL_949268, EPI_ISL_949269, EPI_ISL_949272, EPI_ISL_949273, EPI_ISL_949274, EPI_ISL_949275, EPI_ISL_949276, EPI_ISL_949277, EPI_ISL_949278, EPI_ISL_949279, EPI_ISL_949280, EPI_ISL_949282, EPI_ISL_949284, EPI_ISL_949286, EPI_ISL_949287, EPI_ISL_949291, EPI_ISL_949293, EPI_ISL_949294, EPI_ISL_949295, EPI_ISL_949296, EPI_ISL_949297, EPI_ISL_949298, EPI_ISL_949315, EPI_ISL_949316, EPI_ISL_949318, EPI_ISL_949319, EPI_ISL_949320, EPI_ISL_949321, EPI_ISL_949323, EPI_ISL_949324, EPI_ISL_949325, EPI_ISL_949326, EPI_ISL_949494, EPI_ISL_949496, EPI_ISL_949498, EPI_ISL_949504, EPI_ISL_949506			
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 Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_949640, EPI_ISL_949643,	Virology Department, Royal Infirmary of Edinburgh, NHS	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams

EPI_ISL_949644	Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh		TC, Templeton K
EPI_ISL_949749, EPI_ISL_949778, EPI_ISL_949780, EPI_ISL_949783	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_950159, EPI_ISL_950211, EPI_ISL_950212, EPI_ISL_950213, EPI_ISL_950214, EPI_ISL_950215, EPI_ISL_950216, EPI_ISL_950217, EPI_ISL_950218, EPI_ISL_950219, EPI_ISL_950220, EPI_ISL_950221, EPI_ISL_950222, EPI_ISL_950223, EPI_ISL_950224, EPI_ISL_950225, EPI_ISL_950226, EPI_ISL_950227, EPI_ISL_950228, EPI_ISL_950229, EPI_ISL_950230, EPI_ISL_950231			
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_950294, EPI_ISL_950298, EPI_ISL_950304, EPI_ISL_950305, EPI_ISL_950307, EPI_ISL_950308, EPI_ISL_950310, EPI_ISL_950317, EPI_ISL_950321, EPI_ISL_950323, EPI_ISL_950324, EPI_ISL_950325, EPI_ISL_950326, EPI_ISL_950327, EPI_ISL_950328, EPI_ISL_950329, EPI_ISL_950330, EPI_ISL_950331, EPI_ISL_950332, EPI_ISL_950333, EPI_ISL_950334, EPI_ISL_950335, EPI_ISL_950336			
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_951311, EPI_ISL_951313, EPI_ISL_951361, EPI_ISL_951378, EPI_ISL_951379, EPI_ISL_951380, EPI_ISL_951383, EPI_ISL_951387, EPI_ISL_951388, EPI_ISL_951416, EPI_ISL_951421, EPI_ISL_951423, EPI_ISL_951424, EPI_ISL_951425, EPI_ISL_951428, EPI_ISL_951435, EPI_ISL_951436, EPI_ISL_951437, EPI_ISL_951438, EPI_ISL_951442, EPI_ISL_951444, EPI_ISL_951445, EPI_ISL_951446, EPI_ISL_951447, EPI_ISL_951451, EPI_ISL_951452, EPI_ISL_951453, EPI_ISL_951456, EPI_ISL_951457, EPI_ISL_951458, EPI_ISL_951459			
see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_951816	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, 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_952377, EPI_ISL_952378, EPI_ISL_952379, EPI_ISL_952382, EPI_ISL_952383, EPI_ISL_952385, EPI_ISL_952389, EPI_ISL_952392, EPI_ISL_952394, EPI_ISL_952397, EPI_ISL_952409, EPI_ISL_952414, EPI_ISL_952418, EPI_ISL_952422, EPI_ISL_952424, EPI_ISL_952427, EPI_ISL_952429, EPI_ISL_952433, EPI_ISL_952471, EPI_ISL_952472, EPI_ISL_952473, EPI_ISL_952474, EPI_ISL_952475, EPI_ISL_952476, EPI_ISL_952526, EPI_ISL_952569, EPI_ISL_952570, EPI_ISL_952571, EPI_ISL_952572, EPI_ISL_952573, EPI_ISL_952574, EPI_ISL_952578, EPI_ISL_952580, EPI_ISL_952581, EPI_ISL_952582, EPI_ISL_952583, EPI_ISL_952585, EPI_ISL_952586, EPI_ISL_952587, EPI_ISL_952588, EPI_ISL_952589, EPI_ISL_952590, EPI_ISL_952591, EPI_ISL_952592, EPI_ISL_952594, EPI_ISL_952595, EPI_ISL_952597, EPI_ISL_952598, EPI_ISL_952599, EPI_ISL_952600, EPI_ISL_952601, EPI_ISL_952602, EPI_ISL_952624, EPI_ISL_952778, EPI_ISL_952779, EPI_ISL_952780, EPI_ISL_952804, EPI_ISL_952854			
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_952896, EPI_ISL_952897, EPI_ISL_952899, EPI_ISL_952901, EPI_ISL_952902, EPI_ISL_952903, EPI_ISL_952904, EPI_ISL_952905, EPI_ISL_952906, EPI_ISL_952908, EPI_ISL_952910			
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 Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_953024, EPI_ISL_953025, EPI_ISL_953026, EPI_ISL_953027, EPI_ISL_953028, EPI_ISL_953029, EPI_ISL_953030, EPI_ISL_953031, EPI_ISL_953033, EPI_ISL_953034, EPI_ISL_953035, EPI_ISL_953036, EPI_ISL_953037, EPI_ISL_953038, EPI_ISL_953039, EPI_ISL_953040, EPI_ISL_953041, EPI_ISL_953042, EPI_ISL_953043, EPI_ISL_953044, EPI_ISL_953045, EPI_ISL_953046, EPI_ISL_953047, EPI_ISL_953048, EPI_ISL_953049, EPI_ISL_953050, EPI_ISL_953051, EPI_ISL_953052, EPI_ISL_953053, EPI_ISL_953054, EPI_ISL_953055, EPI_ISL_953056, EPI_ISL_953057, EPI_ISL_953058, EPI_ISL_953059, EPI_ISL_953060, EPI_ISL_953061, EPI_ISL_953062, EPI_ISL_953063, EPI_ISL_953064, EPI_ISL_953065, EPI_ISL_953066, EPI_ISL_953068, EPI_ISL_953071, EPI_ISL_953072, EPI_ISL_953074, EPI_ISL_953075, EPI_ISL_953077, EPI_ISL_953079, EPI_ISL_953080, EPI_ISL_953081, EPI_ISL_953082, EPI_ISL_953085, EPI_ISL_953087, EPI_ISL_953088, EPI_ISL_953090, EPI_ISL_953091, EPI_ISL_953092, EPI_ISL_953093, EPI_ISL_953094, EPI_ISL_953100			
see above	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart,Jerome Nicod,Chelsea Sawyer,Laura Cubitt,Harshil Patel,Margaret Crawford
EPI_ISL_953522	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_953940, EPI_ISL_953941, EPI_ISL_953957	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,Lagathu GisèLe
EPI_ISL_953994	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,Amzalag Jonas
EPI_ISL_953995, EPI_ISL_953996	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,Lagathu GisèLe
EPI_ISL_954007, EPI_ISL_954022, EPI_ISL_954023, EPI_ISL_954024, EPI_ISL_954025, EPI_ISL_954031	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,Amzalag Jonas
EPI_ISL_954165, EPI_ISL_954166, EPI_ISL_954167, EPI_ISL_954168, EPI_ISL_954169, EPI_ISL_954170, EPI_ISL_954171, EPI_ISL_954175, EPI_ISL_954176, EPI_ISL_954177	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	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 Martín, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_954786	Complejo Hospitalario de Navarra	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Ezpeleta,C.
EPI_ISL_954790	Hospital J.M. Morales Meseguer	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Navarro, D.
EPI_ISL_954792	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Roman, S.
EPI_ISL_954798	Hospital Comarcal de Melilla	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Roman, S.
EPI_ISL_955153, EPI_ISL_955154	Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)	Genomic Laboratory (GLAB), Istanbul Technical University	Ilker Karacan, Tugba Kizilboga Akgun, Payam Zolfagharian, Nisan Denizce Can, Pari Sharifli, Levent Doganay, Gizem Dinler Doganay
EPI_ISL_955174	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,Goudeau Alain
EPI_ISL_955230	Mary Eliza Mahoney HC	NJ Public Health and Environmental Laboratories	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_959560	Vivalia - Clinique Saint-Joseph	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_959561	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_960223	FidaLab	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_960461	Istituto Zooprofilattico Sperimentale del Mezzogiorno	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_960986, EPI_ISL_960987, EPI_ISL_960988, EPI_ISL_960990, EPI_ISL_960992, EPI_ISL_960993, EPI_ISL_960995, EPI_ISL_960998, EPI_ISL_960999, EPI_ISL_961000, EPI_ISL_961003, EPI_ISL_961004, EPI_ISL_961006, EPI_ISL_961007			

see above	AIID	Irish Coronavirus Sequencing Consortium-Teagasc Grange	Matthew McCabe, Aljandro Abner Garcia Leon, Fiona Crispie, Calum Walsh, Michael Carr, John Kenny, Paul Cotter, Patrick Mallon, Gabriel Gonzalez
EPI_ISL_961466	Laboratorios Lister	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Fabiola Garces-Ayala, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_963321	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964257	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, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_964952	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_964953, EPI_ISL_964954	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, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_964955	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_965559	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_965912	Servicio Murciano de Salud	Instituto de Salud Carlos III	Vázquez, S. Iglesias-Caballero, M. Sandonis, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_965934	Hospital General Universitario de Ciudad Real	Instituto de Salud Carlos III	Sandonis, V. Vázquez, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Illescas, S.
EPI_ISL_965959	Hospital General Universitario de Ciudad Real	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis, V. Vázquez, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Illescas, S.
EPI_ISL_965974	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 Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_966529, EPI_ISL_966530, EPI_ISL_966531, EPI_ISL_966532, EPI_ISL_966534, EPI_ISL_966535, EPI_ISL_966536, EPI_ISL_966537, EPI_ISL_966538, EPI_ISL_966539, EPI_ISL_966540, EPI_ISL_966541, EPI_ISL_966542, EPI_ISL_966543, EPI_ISL_966544, EPI_ISL_966545, EPI_ISL_966546, EPI_ISL_966601, EPI_ISL_966604			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell,
EPI_ISL_977160	Microbiologia e Virologia	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_977540, EPI_ISL_977550, EPI_ISL_977553, EPI_ISL_977554	Nigeria Centre of Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Olawoye I. B. et al
EPI_ISL_977581, EPI_ISL_977584, EPI_ISL_977594	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Avery Hinds, Dr. Sharon Belmar-George, Jerome Foster, Stanley Giddings, Karla Georges, Marsha Ivey, Rahul Naidu, Risha Singh, SueMin Nathaniel, Rajini Haraksingh, Jaya Jayaraman, Chinna Chinnadurai, Adesh Ramsubhag, Nuno Faria, Oliver Pybus, Christopher Oura, Gabriel Escobar, Christine V. F. Carrington
EPI_ISL_977654	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_977666	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_978927	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Chandima Jeewandara, Deshni Jayathilaka, Dinuka Ariyaratne, Tibutius Thanesh Pramanayagam, Diyanath Ranasinghe, Laksiri Gomes, Gathsaurie Neelika Malavige
EPI_ISL_979368, EPI_ISL_979370, EPI_ISL_979374, EPI_ISL_979375, EPI_ISL_979377	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_981271, EPI_ISL_981273, EPI_ISL_981274, EPI_ISL_981275, EPI_ISL_981276, EPI_ISL_981277, EPI_ISL_981278, EPI_ISL_981279, EPI_ISL_981280, EPI_ISL_981281, EPI_ISL_981282, EPI_ISL_981283, EPI_ISL_981284, EPI_ISL_981285, EPI_ISL_981286, EPI_ISL_981287, EPI_ISL_981288, EPI_ISL_981289, EPI_ISL_981290, EPI_ISL_981291, EPI_ISL_981292, EPI_ISL_981293, EPI_ISL_981294, EPI_ISL_981296			
see above	Hospital Universitari de Bellvitge	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 Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_981297, EPI_ISL_981300, EPI_ISL_981304	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 Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_981964, EPI_ISL_981965, EPI_ISL_981966, EPI_ISL_981967, EPI_ISL_981969	Microbiology Service, Hospital Universitario Clinico San Cecilio, Granada	Microbiology Service, Hospital Universitario Clinico San Cecilio, Granada	Adolfo de Salazar, Natalia Chueca, Laura Viñuela, Ana Fuentes, Federico García
EPI_ISL_982241	Lab voor klinische biologie	Lab voor klinische biologie	Hannelore Hamerlinck, Marija Janevska, Bruno Verhasselt
EPI_ISL_982347	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_983083, EPI_ISL_983086, EPI_ISL_983087	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_983698	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_985060, EPI_ISL_985061, EPI_ISL_985062, EPI_ISL_985063, EPI_ISL_985064, EPI_ISL_985065	Biorepository and Clinical Virology Laboratory	Ozer Lab	Ramon Lorenzo-Redondo, Adeola A. Fowotade, Ewean C. Omoruyi, Johnson A. Adeniji, Lacy M. Simons, Judd F. Hultquist, Babafemi O. Taiwo, Oluabusuyi M. Adewumi, Egon A. Ozer
EPI_ISL_987283, EPI_ISL_987287, EPI_ISL_987290, EPI_ISL_987291, EPI_ISL_987299, EPI_ISL_987303, EPI_ISL_987310	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_987311	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_987312	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_987317	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison,

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	(COG-UK) Consortium	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_994066	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_994288, EPI_ISL_994297, EPI_ISL_994328, EPI_ISL_994339, EPI_ISL_994343, EPI_ISL_994357, EPI_ISL_994360, EPI_ISL_994361, EPI_ISL_994386, EPI_ISL_994389, EPI_ISL_994391, EPI_ISL_994402, EPI_ISL_994411, EPI_ISL_994413, EPI_ISL_994416, EPI_ISL_994419		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)
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_994424, EPI_ISL_994446, EPI_ISL_994448, EPI_ISL_994464, EPI_ISL_994467, EPI_ISL_994468, EPI_ISL_994473, EPI_ISL_994478, EPI_ISL_994481, EPI_ISL_994482, EPI_ISL_994484, EPI_ISL_994488, EPI_ISL_994496, EPI_ISL_994507, EPI_ISL_994513, EPI_ISL_994514, EPI_ISL_994515, EPI_ISL_994529, EPI_ISL_994538, EPI_ISL_994543, EPI_ISL_994590, EPI_ISL_994622, EPI_ISL_994623, EPI_ISL_994624, EPI_ISL_994629, EPI_ISL_994633, EPI_ISL_994635, EPI_ISL_994636, EPI_ISL_994637, EPI_ISL_994641		Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_995548, EPI_ISL_995549, EPI_ISL_995551, EPI_ISL_995552, EPI_ISL_995553, EPI_ISL_995554, EPI_ISL_995555	LKOLMC	Jessa
EPI_ISL_995702	RAILWAY HOSPITAL	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)
EPI_ISL_995724	BANGALORE MEDICAL COLLEGE AND RESEARCH INSTITUTE	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)
EPI_ISL_995839, EPI_ISL_995840, EPI_ISL_995841, EPI_ISL_995843, EPI_ISL_995844, EPI_ISL_995845, EPI_ISL_995846, EPI_ISL_995847, EPI_ISL_995854, EPI_ISL_995899, EPI_ISL_995901, EPI_ISL_995902, EPI_ISL_995904, EPI_ISL_995922, EPI_ISL_995923, EPI_ISL_995933, EPI_ISL_995945, EPI_ISL_995948, EPI_ISL_995955, EPI_ISL_995969		Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland
EPI_ISL_996066, EPI_ISL_996069, EPI_ISL_996070, EPI_ISL_996071, EPI_ISL_996073, EPI_ISL_996075, EPI_ISL_996077, EPI_ISL_996080, EPI_ISL_996081	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_996422, EPI_ISL_996423, EPI_ISL_996432, EPI_ISL_996449, EPI_ISL_996453, EPI_ISL_996455, EPI_ISL_996459	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_996594	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_997159, EPI_ISL_997160	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_997332, EPI_ISL_997337	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_997378	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_997616, EPI_ISL_997617, EPI_ISL_997618, EPI_ISL_997619, EPI_ISL_997620, EPI_ISL_997621, EPI_ISL_997622, EPI_ISL_997623, EPI_ISL_997624, EPI_ISL_997630, EPI_ISL_997631, EPI_ISL_997632, EPI_ISL_997633, EPI_ISL_997634, EPI_ISL_997635, EPI_ISL_997636, EPI_ISL_997637, EPI_ISL_997638, EPI_ISL_997639, EPI_ISL_997640, EPI_ISL_997641, EPI_ISL_997643, EPI_ISL_997644		Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
see above	Barts Health NHS Trust	CUTINO-MOGUEL, Maria-Teresa; HARRINGTON, David; OWOYEMI, Dola; KULASEGARAN-SHYLINI, Raghavendran; BROAD, Claire; KELE, Beatrix
EPI_ISL_997677, EPI_ISL_997840, EPI_ISL_997841, EPI_ISL_997842, EPI_ISL_997995, EPI_ISL_997996, EPI_ISL_998002, EPI_ISL_998003, EPI_ISL_998004, EPI_ISL_998005	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	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_998150, EPI_ISL_998151, EPI_ISL_998152, EPI_ISL_998155, EPI_ISL_998156, EPI_ISL_998157, EPI_ISL_998160, EPI_ISL_998161, EPI_ISL_998162, EPI_ISL_998171, EPI_ISL_998174, EPI_ISL_998189, EPI_ISL_998190, EPI_ISL_998191, EPI_ISL_998192, EPI_ISL_998193, EPI_ISL_998194, EPI_ISL_998195, EPI_ISL_998198, EPI_ISL_998200, EPI_ISL_998219, EPI_ISL_998221, EPI_ISL_998238, EPI_ISL_998240, EPI_ISL_998241, EPI_ISL_998243, EPI_ISL_998244, EPI_ISL_998245		McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colqhoun R, Yu X, Jackson B, Rambaut A, Templeton K
see above	Regional Virus Laboratory, Belfast Health and Social Care Trust	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
EPI_ISL_998313, EPI_ISL_998314, EPI_ISL_998316, EPI_ISL_998317, EPI_ISL_998318, EPI_ISL_998325, EPI_ISL_998327, EPI_ISL_998333, EPI_ISL_998335, EPI_ISL_998337, EPI_ISL_998341, EPI_ISL_998351, EPI_ISL_998352, EPI_ISL_998363, EPI_ISL_998365, EPI_ISL_998366, EPI_ISL_998367, EPI_ISL_998375, EPI_ISL_998377, EPI_ISL_998378, EPI_ISL_998379		Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
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	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_998945, EPI_ISL_998947, EPI_ISL_998948, EPI_ISL_998949, EPI_ISL_998950, EPI_ISL_998953, EPI_ISL_998954, EPI_ISL_998955, EPI_ISL_998956	Lincolnshire Hospitals and DeepSeq Nottingham	CONall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_999068, EPI_ISL_999069, EPI_ISL_999071, EPI_ISL_999078, EPI_ISL_999081, EPI_ISL_999083, EPI_ISL_999084, EPI_ISL_999085, EPI_ISL_999086, EPI_ISL_999087, EPI_ISL_999089, EPI_ISL_999093, EPI_ISL_999095, EPI_ISL_999099, EPI_ISL_999101, EPI_ISL_999102, EPI_ISL_999103, EPI_ISL_999104, EPI_ISL_999105, EPI_ISL_999106, EPI_ISL_999108, EPI_ISL_999109, EPI_ISL_999111, EPI_ISL_999112, EPI_ISL_999116, EPI_ISL_999119, EPI_ISL_999120, EPI_ISL_999121, EPI_ISL_999122, EPI_ISL_999123, EPI_ISL_999124, EPI_ISL_999125, EPI_ISL_999126, EPI_ISL_999127, EPI_ISL_999132, EPI_ISL_999136, EPI_ISL_999137, EPI_ISL_999138, EPI_ISL_999139, EPI_ISL_999141, EPI_ISL_999142, EPI_ISL_999143, EPI_ISL_999144, EPI_ISL_999145, EPI_ISL_999146, EPI_ISL_999148, EPI_ISL_999151, EPI_ISL_999152, EPI_ISL_999153, EPI_ISL_999154, EPI_ISL_999156, EPI_ISL_999161, EPI_ISL_999169, EPI_ISL_999204, EPI_ISL_999205, EPI_ISL_999207, EPI_ISL_999208, EPI_ISL_999210, EPI_ISL_999223, EPI_ISL_999374, EPI_ISL_999379, EPI_ISL_999381, EPI_ISL_999382, EPI_ISL_999385, EPI_ISL_999394, EPI_ISL_999395, EPI_ISL_999397, EPI_ISL_999401, EPI_ISL_999402, EPI_ISL_999404, EPI_ISL_999405, EPI_ISL_999406, EPI_ISL_999407, EPI_ISL_999436, EPI_ISL_999462, EPI_ISL_999463, EPI_ISL_999479, EPI_ISL_999507		Darren L Smith, Andrew Nelson, Matthew Bashton, Greg R Young, Joshua Loh, John Allan, Mohammad A Tariq, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggett, Sarah Essex, Jane Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusri Taha, Gary Eltringham
see above	Oxford Viromics, NDM, University of Oxford: Oxford University Hospitals; Basingstoke and North Hampshire Hospital	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
		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

