

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_1000969	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., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_1001121, EPI_ISL_1001155, EPI_ISL_1001162, EPI_ISL_1001173, EPI_ISL_1001174, EPI_ISL_1001175, EPI_ISL_1001176, EPI_ISL_1001177	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Zoe Yandle, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1007698, EPI_ISL_1007774	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_1008103	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1008401, EPI_ISL_1008402, EPI_ISL_1008403, EPI_ISL_1008404, EPI_ISL_1008405, EPI_ISL_1008406	A05 Diagnostics	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1008902	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1008961	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 Romani, Verónica Saludes, Cristina Casañ and SeqCOVID-SPAIN consortium
EPI_ISL_1009676	Diagnósticos da América - DASA	Instituto de Medicina Tropical de Sao Paulo	Brazil-UK Centre for Arbovirus Discovery Diagnosis Genomics and Epidemiology (CADDE) Genomic Network - Instituto de Medicina Tropical
EPI_ISL_1012629	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_1013460, EPI_ISL_1013461, EPI_ISL_1013463	Unilabs Laboratory Medicine	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1014321, EPI_ISL_1014322, EPI_ISL_1014323, EPI_ISL_1014326	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_1020017	Hospital San Agustín	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martin-Rodríguez G, Coto E, Melón S
EPI_ISL_1027628	IRESSEF GENOMICS LAB	IRESSEF GENOMICS LAB	Professor Souleymane MBOUP, Dr Abdul Karim Sesay, Abdoulie Kanteh, Dr Abdou PADANE,Dr Papa Alassane DIAW, Dr Birahim Pierre NDIAYE, Dr Badara CISSE, Dr Aminata MBOUP ,Dr Moustapha MBOW, Professor Ndéye Coumba Touré KANE
EPI_ISL_1027645, EPI_ISL_1027646	Department of Microbiology, National Institute for Public Health of Kosova	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Julia Schneider, Donjeta Hajdari, Zana Deva, Xhevat Jakupi, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Terry Jones, Christian Drosten
EPI_ISL_1034312	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, Atiya R Ali,Marie Paulsen Madsen, Ignacio Garcia Llorente, Serina B Engebretsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1034313	Furst Medical Laboratory	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_1046999, EPI_ISL_1047064, EPI_ISL_1047066	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_1047952	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1048808, EPI_ISL_1048809	Laboratory of Clinical Microbiology, Virology and Bioemergencies - Fatebenefratelli Sacco Hospital	Virology Laboratory, Scientific Department, Army Medical Center	Valeria Micheli, Alessandro Mancon, Alberto Rizzo, Maria Rita Gismondo, Silvia Fillo, Anella Monte, Anna Anselmo, Vanessa Vera Fain, Giovanni Faggioni, Riccardo De Sanctis, Florigio Lista
EPI_ISL_1050498	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_1050922, EPI_ISL_1050925, EPI_ISL_1050931, EPI_ISL_1050957, EPI_ISL_1050958, EPI_ISL_1051041, EPI_ISL_1051043, EPI_ISL_1051045, EPI_ISL_1051048, EPI_ISL_1051052, EPI_ISL_1051056, EPI_ISL_1051060, EPI_ISL_1051065, EPI_ISL_1051067, EPI_ISL_1051342, EPI_ISL_1051343, EPI_ISL_1051344	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_1051429, EPI_ISL_1051432, EPI_ISL_1051434, EPI_ISL_1051439, EPI_ISL_1051442, EPI_ISL_1051448, EPI_ISL_1051453, EPI_ISL_1051457, EPI_ISL_1051458, EPI_ISL_1051463, EPI_ISL_1051464, EPI_ISL_1051480, EPI_ISL_1051492, EPI_ISL_1051496, EPI_ISL_1051502, EPI_ISL_1051509, EPI_ISL_1051512, EPI_ISL_1051524, EPI_ISL_1051527, EPI_ISL_1051528	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_1051598, EPI_ISL_1051876	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_1055121, EPI_ISL_1055165, EPI_ISL_1055169	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1055759	Vithas Lab. Hospital Vithas Vigo	Microbiology Department. Complexo Hospitalario Universitario	Microbiology Department, Complexo Hospitalario Universitario de Vigo (CHUVI). Vithas Lab, Hospital Vithas Vigo

		de Vigo	
EPI_ISL_1059956	HOSPITAL UNIVERSITARIO DE GUADALAJARA	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. González, A.
EPI_ISL_1060496, EPI_ISL_1060497, EPI_ISL_1060498, EPI_ISL_1060499, EPI_ISL_1060500, EPI_ISL_1060501, EPI_ISL_1060502, EPI_ISL_1060503, EPI_ISL_1060504	Servicio de Microbiología. Hospital Clínico Universitario de Valencia	SeqCOVID-SPAIN consortium/IBV(CSIC)	David Navarro Ortega, Eliseo Albert Vicent, Ignacio Torres and SeqCOVID-SPAIN consortium
EPI_ISL_1065999, EPI_ISL_1066480	Department of Virus and Microbiology Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1073145, EPI_ISL_1073151, EPI_ISL_1073159, EPI_ISL_1073164, EPI_ISL_1073168, EPI_ISL_1073171, EPI_ISL_1073173, EPI_ISL_1073175, EPI_ISL_1073176, EPI_ISL_1073183, EPI_ISL_1073192, EPI_ISL_1073196, EPI_ISL_1073211, EPI_ISL_1073212, EPI_ISL_1073214, EPI_ISL_1073215, EPI_ISL_1073216, EPI_ISL_1073217, EPI_ISL_1073243, EPI_ISL_1073244, EPI_ISL_1073245, EPI_ISL_1073256, EPI_ISL_1073258, EPI_ISL_1073259, EPI_ISL_1073260, EPI_ISL_1073261, EPI_ISL_1073262, EPI_ISL_1073263, EPI_ISL_1073264, EPI_ISL_1073265, EPI_ISL_1073266, EPI_ISL_1073267, EPI_ISL_1073268, EPI_ISL_1073269, EPI_ISL_1073270, EPI_ISL_1073271, EPI_ISL_1073272, EPI_ISL_1073273, EPI_ISL_1073274, EPI_ISL_1073275, EPI_ISL_1073276, EPI_ISL_1073277, EPI_ISL_1073278, EPI_ISL_1073279, EPI_ISL_1073280, EPI_ISL_1073281, EPI_ISL_1073282, EPI_ISL_1073283, EPI_ISL_1073284, EPI_ISL_1073285, EPI_ISL_1073286, EPI_ISL_1073287, EPI_ISL_1073288, EPI_ISL_1073289, EPI_ISL_1073290, EPI_ISL_1073291, EPI_ISL_1073292, EPI_ISL_1073293, EPI_ISL_1073294, EPI_ISL_1073295, EPI_ISL_1073296, EPI_ISL_1073297, EPI_ISL_1073298, EPI_ISL_1073299, EPI_ISL_1073300, EPI_ISL_1073301, EPI_ISL_1073302, EPI_ISL_1073303, EPI_ISL_1073304, EPI_ISL_1073305, EPI_ISL_1073306, EPI_ISL_1073307, EPI_ISL_1073308, EPI_ISL_1073309, EPI_ISL_1073310, EPI_ISL_1073311, EPI_ISL_1073312, EPI_ISL_1073313, EPI_ISL_1073314, EPI_ISL_1073383, EPI_ISL_1073389, EPI_ISL_1073391, EPI_ISL_1073404, EPI_ISL_1073406, EPI_ISL_1073410, EPI_ISL_1073411, EPI_ISL_1073412, EPI_ISL_1073419, EPI_ISL_1073421, EPI_ISL_1073423, EPI_ISL_1073424, EPI_ISL_1073425, EPI_ISL_1073427, EPI_ISL_1073428, EPI_ISL_1073430, EPI_ISL_1073431, EPI_ISL_1073435, EPI_ISL_1073436	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_1081797, EPI_ISL_1081798, EPI_ISL_1081799, EPI_ISL_1081800	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_1081837	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungilovski G. et al.
EPI_ISL_1093440, EPI_ISL_1093453, EPI_ISL_1093455	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_1096338	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungulovski G. et al.
EPI_ISL_1103805	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_1104572	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_1104600, EPI_ISL_1104601, EPI_ISL_1104602, EPI_ISL_1104603, EPI_ISL_1104604, EPI_ISL_1104605, EPI_ISL_1104606, EPI_ISL_1104607, EPI_ISL_1104608, EPI_ISL_1104609, EPI_ISL_1104610			
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, Leyssa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1104974, EPI_ISL_1105008, EPI_ISL_1105017, EPI_ISL_1105025, EPI_ISL_1105033, EPI_ISL_1105042, EPI_ISL_1105164, EPI_ISL_1105177, EPI_ISL_1105193, EPI_ISL_1105257, EPI_ISL_1105260, EPI_ISL_1105267, EPI_ISL_1105274, EPI_ISL_1105275, EPI_ISL_1105288, EPI_ISL_1105293			
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_1105706, EPI_ISL_1105709, EPI_ISL_1105772, EPI_ISL_1105776, EPI_ISL_1105777, EPI_ISL_1105778, EPI_ISL_1105779, EPI_ISL_1105780, EPI_ISL_1105781, EPI_ISL_1105782, EPI_ISL_1105783, EPI_ISL_1105784, EPI_ISL_1105785, EPI_ISL_1105786, EPI_ISL_1105787, EPI_ISL_1105788, EPI_ISL_1105789, EPI_ISL_1105790, EPI_ISL_1105791, EPI_ISL_1105792, EPI_ISL_1105793, EPI_ISL_1105795, EPI_ISL_1105796, EPI_ISL_1105797, EPI_ISL_1105798, EPI_ISL_1105799, EPI_ISL_1105800, EPI_ISL_1105801, EPI_ISL_1105802, EPI_ISL_1105803, EPI_ISL_1105804, EPI_ISL_1105805, EPI_ISL_1105807, EPI_ISL_1105808, EPI_ISL_1105809, EPI_ISL_1105810, EPI_ISL_1105811			
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,Andrew Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_1118320	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vøllan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1120857	EHNv	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pilonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120872	VIDYMED LAUSANNE	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pilonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120953	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_1129419	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129452	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, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129463, EPI_ISL_1129496	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129533, EPI_ISL_1129549, EPI_ISL_1129565, EPI_ISL_1129568, EPI_ISL_1129595, EPI_ISL_1129602, EPI_ISL_1129618, EPI_ISL_1129621, EPI_ISL_1129693, EPI_ISL_1129704	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, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129887	Viollier AG	Department of Biosystems Science and Engineering, ETH	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet,

		Zürich	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_1130076, EPI_ISL_1130084, EPI_ISL_1130145	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_1130690, EPI_ISL_1130719	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_1130845, EPI_ISL_1130872	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_1130896	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_1133255	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, Walyson Coelho Costa, Wagner Carlos Santos Magalhaes, Rennan Garcias Moreira, Carolina Moreira Voloch, Renan Pedra de Souza, Renato Santana Aguiar.	
EPI_ISL_1144405, EPI_ISL_1144409, EPI_ISL_1144412	Universitätsklinikum Essen	Robert Koch Institute	unknown	
EPI_ISL_1159375	Bahman Hospital	Laboratory of Molecular Biology and Cancer Immunology, Lebanese University Public Health England	Fadi Abdel Sater, Steven Pullan	
EPI_ISL_1167922, EPI_ISL_1167927, EPI_ISL_1167931	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_1169047	RSUP Dr. Mohammad Hoesin Palembang Sumatera Selatan	National Institute of Health Research and Development	Vivi Setiawaty, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Nelly Puspandari	
EPI_ISL_1177837	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucai, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster	
EPI_ISL_1178344, EPI_ISL_1178345, EPI_ISL_1178346, EPI_ISL_1178347	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_1179836, EPI_ISL_1179837, EPI_ISL_1179843	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_1190773	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1190779	CHU CLERMONT FERRAND	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1190798, EPI_ISL_1190799	CENTRE HOSPITALIER POITIERS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1190805, EPI_ISL_1190806, EPI_ISL_1190807, EPI_ISL_1190808, EPI_ISL_1190809, EPI_ISL_1190810	BIOAXIOME SITE SAINT GILLES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1190837	CENTRE HOSPITALIER DE CANNES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1190841	CH ANTIBES - JUAN LES PINS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1191652	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1196056	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques	
EPI_ISL_1198073, EPI_ISL_1198074, EPI_ISL_1198357	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_1200635	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; AOR San Carlo, Potenza, Italy	Department of Infectious Diseases, Istituto Superiore di Sanità	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Antonio Picerno, Lopizzo Teresa, Anna Curci, Angela Menchise, Manuela Marra, Maria Carollo, Marco Crescenzi	
EPI_ISL_1201210, EPI_ISL_1201211, EPI_ISL_1201215, EPI_ISL_1201225, EPI_ISL_1201226, EPI_ISL_1201227, EPI_ISL_1201228, EPI_ISL_1201229, EPI_ISL_1201259, EPI_ISL_1201265, EPI_ISL_1201269, EPI_ISL_1201270, EPI_ISL_1201277	see above	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_1201298	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_1201894	Diagnosticos da America - DASA	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes	
EPI_ISL_1209544, EPI_ISL_1209592, EPI_ISL_1209593, EPI_ISL_1209594, EPI_ISL_1209610, EPI_ISL_1209616, EPI_ISL_1209617, EPI_ISL_1209618, EPI_ISL_1209619, EPI_ISL_1209620, EPI_ISL_1209621, EPI_ISL_1209622, EPI_ISL_1209623, EPI_ISL_1209624, EPI_ISL_1209625, EPI_ISL_1209626, EPI_ISL_1209627, EPI_ISL_1209628, EPI_ISL_1209629, EPI_ISL_1209630, EPI_ISL_1209631, EPI_ISL_1209632, EPI_ISL_1209633, EPI_ISL_1209634, EPI_ISL_1209635, EPI_ISL_1209636, EPI_ISL_1209637, EPI_ISL_1209638, EPI_ISL_1209639, EPI_ISL_1209640, EPI_ISL_1209641, EPI_ISL_1209642, EPI_ISL_1209643, EPI_ISL_1209644, EPI_ISL_1209645, EPI_ISL_1209646, EPI_ISL_1209647, EPI_ISL_1209648, EPI_ISL_1209649, EPI_ISL_1209650, EPI_ISL_1209651, EPI_ISL_1209804, EPI_ISL_1209824, EPI_ISL_1209872, EPI_ISL_1209878	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_1214371, EPI_ISL_1214373, EPI_ISL_1214375, EPI_ISL_1214511, EPI_ISL_1214525, EPI_ISL_1214568, EPI_ISL_1214637, EPI_ISL_1214758, EPI_ISL_1214781, EPI_ISL_1214789, EPI_ISL_1214796, EPI_ISL_1214819, EPI_ISL_1214867, EPI_ISL_1215089, EPI_ISL_1215094, EPI_ISL_1215273, EPI_ISL_1215279, EPI_ISL_1215281, EPI_ISL_1215294, EPI_ISL_1215296, EPI_ISL_1215302, EPI_ISL_1215307, EPI_ISL_1215310, EPI_ISL_1215313, EPI_ISL_1215318, EPI_ISL_1215323, EPI_ISL_1215326, EPI_ISL_1215335, EPI_ISL_1215336, EPI_ISL_1215337, EPI_ISL_1215338, EPI_ISL_1215339, EPI_ISL_1215340, EPI_ISL_1215341, EPI_ISL_1215342, EPI_ISL_1215343, EPI_ISL_1215344, EPI_ISL_1215345, EPI_ISL_1215346, EPI_ISL_1215347, EPI_ISL_1215348, EPI_ISL_1215349, EPI_ISL_1215350, EPI_ISL_1215351, EPI_ISL_1215352, EPI_ISL_1215353, EPI_ISL_1215354, EPI_ISL_1215355, EPI_ISL_1215356, EPI_ISL_1215357, EPI_ISL_1215358, EPI_ISL_1215359, EPI_ISL_1215360, EPI_ISL_1215361, EPI_ISL_1215362, EPI_ISL_1215363, EPI_ISL_1215364, EPI_ISL_1215365, EPI_ISL_1215366, EPI_ISL_1215367, EPI_ISL_1215368, EPI_ISL_1215369, EPI_ISL_1215370, EPI_ISL_1215371, EPI_ISL_1215372, EPI_ISL_1215373, EPI_ISL_1215374, EPI_ISL_1215375, EPI_ISL_1215376, EPI_ISL_1215377, EPI_ISL_1215378, EPI_ISL_1215379, EPI_ISL_1215380, EPI_ISL_1215381, EPI_ISL_1215382, EPI_ISL_1215383, EPI_ISL_1215384, EPI_ISL_1215385, EPI_ISL_1215386, EPI_ISL_1215387, EPI_ISL_1215388, EPI_ISL_1215389, EPI_ISL_1215390, EPI_ISL_1215391, EPI_ISL_1215392, EPI_ISL_1215393, EPI_ISL_1215394, EPI_ISL_1215395, EPI_ISL_1215396, EPI_ISL_1215397, EPI_ISL_1215398, EPI_ISL_1215399, EPI_ISL_1215400, EPI_ISL_1215401, EPI_ISL_1215402, EPI_ISL_1215403, EPI_ISL_1215404, EPI_ISL_1215405, EPI_ISL_1215406, EPI_ISL_1215407, EPI_ISL_1215408, EPI_ISL_1215409, EPI_ISL_1215410, EPI_ISL_1215411, EPI_ISL_1215412, EPI_ISL_1215413, EPI_ISL_1215414, EPI_ISL_1215415, EPI_ISL_1215416, EPI_ISL_1215417, EPI_ISL_1215418, EPI_ISL_1215419, EPI_ISL_1215420, EPI_ISL_1215421, EPI_ISL_1215422, EPI_ISL_1215423, EPI_ISL_1215424, EPI_ISL_1215425, EPI_ISL_1215426, EPI_ISL_1215427, EPI_ISL_1215428, EPI_ISL_1215429, EPI_ISL_1215430, EPI_ISL_1215431, EPI_ISL_1215432, EPI_ISL_1215433, EPI_ISL_1215434, EPI_ISL_1215435, EPI_ISL_1215436, EPI_ISL_1215437, EPI_ISL_1215438, EPI_ISL_1215439, EPI_ISL_1215440, EPI_ISL_1215441, EPI_ISL_1215442, EPI_ISL_1215443, EPI_ISL_1215444, EPI_ISL_1215445, EPI_ISL_1215446, EPI_ISL_1215447, EPI_ISL_1215448, EPI_ISL_1215449, EPI_ISL_1215450, EPI_ISL_1215451, EPI_ISL_1215452, EPI_ISL_1215453, EPI_ISL_1215454, EPI_ISL_1215455, EPI_ISL_1215456, EPI_ISL_1215457, EPI_ISL_1215458, EPI_ISL_1215459, EPI_ISL_1215460, EPI_ISL_1215461, EPI_ISL_1215462, EPI_ISL_1215463, EPI_ISL_1215464, EPI_ISL_1215465, EPI_ISL_1215466, EPI_ISL_1215467, EPI_ISL_1215468, EPI_ISL_1215469, EPI_ISL_1215470, EPI_ISL_1215471, EPI_ISL_1215472, EPI_ISL_1215473, EPI_ISL_1215474, EPI_ISL_1215475, EPI_ISL_1215476, EPI_ISL_1215477, EPI_ISL_1215478, EPI_ISL_1215479, EPI_ISL_1215480, EPI_ISL_1215481, EPI_ISL_1215482, EPI_ISL_1215483, EPI_ISL_1215484, EPI_ISL_1215485, EPI_ISL_1215486, EPI_ISL_1215487, EPI_ISL_1215488, EPI_ISL_1215489, EPI_ISL_1215490, EPI_ISL_1215491, EPI_ISL_1215492, EPI_ISL_1215493, EPI_ISL_1215494, EPI_ISL_1215495, EPI_ISL_1215496, EPI_ISL_1215497, EPI_ISL_1215498, EPI_ISL_1215499, EPI_ISL_1215500, EPI_ISL_1215501, EPI_ISL_1215502, EPI_ISL_1215503, EPI_ISL_1215504, EPI_ISL_1215505, EPI_ISL_1215506, EPI_ISL_1215507, EPI_ISL_1215508, EPI_ISL_1215509, EPI_ISL_1215510, EPI_ISL_1215511, EPI_ISL_1215512, EPI_ISL_1215513, EPI_ISL_1215514, EPI_ISL_1215515, EPI_ISL_1215516, EPI_ISL_1215517, EPI_ISL_1215518, EPI_ISL_1215519, EPI_ISL_1215520, EPI_ISL_1215521, EPI_ISL_1215522, EPI_ISL_1215523, EPI_ISL_1215524, EPI_ISL_1215525, EPI_ISL_1215526, EPI_ISL_1215527, EPI_ISL_1215528, EPI_ISL_1215529, EPI_ISL_1215530, EPI_ISL_1215531, EPI_ISL_1215532, EPI_ISL_1215533, EPI_ISL_1215534, EPI_ISL_1215535, EPI_ISL_1215536, EPI_ISL_1215537, EPI_ISL_1215538, EPI_ISL_1215539, EPI_ISL_1215540, EPI_ISL_1215541, EPI_ISL_1215542, EPI_ISL_1215543, EPI_ISL_1215544, EPI_ISL_1215545, EPI_ISL_1215546, EPI_ISL_1215547, EPI_ISL_1215548, EPI_ISL_1215549, EPI_ISL_1215550, EPI_ISL_1215551, EPI_ISL_1215552, EPI_ISL_1215553, EPI_ISL_1215554, EPI_ISL_1215555, EPI_ISL_1215556, EPI_ISL_1215557, EPI_ISL_1215558, EPI_ISL_1215559, EPI_ISL_1215560, EPI_ISL_1215561, EPI_ISL_1215562, EPI_ISL_1215563, EPI_ISL_1215564, EPI_ISL_1215565, EPI_ISL_1215566, EPI_ISL_1215567, EPI_ISL_1215568, EPI_ISL_1215569, EPI_ISL_1215570, EPI_ISL_1215571, EPI_ISL_1215572, EPI_ISL_1215573, EPI_ISL_1215574, EPI_ISL_1215575, EPI_ISL_1215576, EPI_ISL_1215577, EPI_ISL_1215578, EPI_ISL_1215579, EPI_ISL_1215580, EPI_ISL_1215581, EPI_ISL_1215582, EPI_ISL_1215583, EPI_ISL_1215584, EPI_ISL_1215585, EPI_ISL_1215586, EPI_ISL_1215587, EPI_ISL_1215588, EPI_ISL_1215589, EPI_ISL_1215590, EPI_ISL_1215591, EPI_ISL_1215592, EPI_ISL_1215593, EPI_ISL_1215594, EPI_ISL_1215595, EPI_ISL_1215596, EPI_ISL_1215597, EPI_ISL_1215598, EPI_ISL_1215599, EPI_ISL_1215600, EPI_ISL_1215601, EPI_ISL_1215602, EPI_ISL_1215603, EPI_ISL_1215604, EPI_ISL_1215605, EPI_ISL_1215606, EPI_ISL_1215607, EPI_ISL_1215608, EPI_ISL_1215609, EPI_ISL_1215610, EPI_ISL_1215611, EPI_ISL_1215612, EPI_ISL_1215613, EPI_ISL_1215614, EPI_ISL_1215615, EPI_ISL_1215616, EPI_ISL_1215617, EPI_ISL_1215618, EPI_ISL_1215619, EPI_ISL_1215620, EPI_ISL_1215621, EPI_ISL_1215622, EPI_ISL_1215623, EPI_ISL_1215624, EPI_ISL_1215625, EPI_ISL_1215626, EPI_ISL_1215627, EPI_ISL_1215628, EPI_ISL_1215629, EPI_ISL_1215630, EPI_ISL_1215631, EPI_ISL_1215632, EPI_ISL_1215633, EPI_ISL_1215634, EPI_ISL_1215635, EPI_ISL_1215636, EPI_ISL_1215637, EPI_ISL_1215638, EPI_ISL_1215639, EPI_ISL_1215640, EPI_ISL_1215641, EPI_ISL_1215642, EPI_ISL_1215643, EPI_ISL_1215644, EPI_ISL_1215645, EPI_ISL_1215646, EPI_ISL_1215647, EPI_ISL_1215648, EPI_ISL_1215649, EPI_ISL_1215650, EPI_ISL_1215651, EPI_ISL_1215652, EPI_ISL_1215653, EPI_ISL_1215654, EPI_ISL_1215655, EPI_ISL_1215656, EPI_ISL_1215657, EPI_ISL_1215658, EPI_ISL_1215659, EPI_ISL_1215660, EPI_ISL_1215661, EPI_ISL_1215662, EPI_ISL_1215663, EPI_ISL_1215664, EPI_ISL_1215665, EPI_ISL_1215666, EPI_ISL_1215667, EPI_ISL_1215668, EPI_ISL_1215669, EPI_ISL_1215670, EPI_ISL_1215671, EPI_ISL_1215672, EPI_ISL_1215673, EPI_ISL_1215674, EPI_ISL_1215675, EPI_ISL_1215676, EPI_ISL_1215677, EPI_ISL_1215678, EPI_ISL_1215679, EPI_ISL_1215680, EPI_ISL_1215681, EPI_ISL_1215682, EPI_ISL_1215683, EPI_ISL_1215684, EPI_ISL_1215685, EPI_ISL_1215686, EPI_ISL_1215687, EPI_ISL_1215688, EPI_ISL_1215689, EPI_ISL_1215690, EPI_ISL_1215691, EPI_ISL_1215692, EPI_ISL_1215693, EPI_ISL_1215694, EPI_ISL_1215695, EPI_ISL_1215696, EPI_ISL_1215697, EPI_ISL_1215698, EPI_ISL_1215699, EPI_ISL_1215700, EPI_ISL_1215701, EPI_ISL_1215702, EPI_ISL_1215703, EPI_ISL_1215704, EPI_ISL_1215705, EPI_ISL_1215706, EPI_ISL_1215707, EPI_ISL_1215708, EPI_ISL_1215709, EPI_ISL_1215710, EPI_ISL_1215711, EPI_ISL_1215712, EPI_ISL_1215713, EPI_ISL_1215714, EPI_ISL_1215715, EPI_ISL_1215716, EPI_ISL_1215717, EPI_ISL_1215718, EPI_ISL_1215719, EPI_ISL_1215720, EPI_ISL_1215721, EPI_ISL_1215722, EPI_ISL_1215723, EPI_ISL_1215724, EPI_ISL_1215725, EPI_ISL_1215726, EPI_ISL_1215727, EPI_ISL_1215728, EPI_ISL_1215729, EPI_ISL_1215730, EPI_ISL_1215731, EPI_ISL_1215732, EPI_ISL_1215733, EPI_ISL_1215734, EPI_ISL_1215735, EPI_ISL_1215736, EPI_ISL_1215737, EPI_ISL_1215738, EPI_ISL_1215739, EPI_ISL_1215740, EPI_ISL_1215741, EPI_ISL_1215742, EPI_ISL_1215743, EPI_ISL_1215744, EPI_ISL_1215745, EPI_ISL_1215746, EPI_ISL_1215747, EPI_ISL_1215748, EPI_ISL_1215749, EPI_ISL_1215750, EPI_ISL_1215751, EPI_ISL_1215752, EPI_ISL_1215753, EPI_ISL_1215754, EPI_ISL_1215755, EPI_ISL_1215756, EPI_ISL_1215757, EPI_ISL_1215758, EPI_ISL_1215759, EPI_ISL_1215760, EPI_ISL_1215761, EPI_ISL_1215762, EPI_ISL_1215763, EPI_ISL_1215764, EPI_ISL_1215765, EPI_ISL_1215766, EPI_ISL_1215767, EPI_ISL_1215768, EPI_ISL_1215769, EPI_ISL_1215770, EPI_ISL_1215771, EPI_ISL_1215772, EPI_ISL_1215773, EPI_ISL_1215774, EPI_ISL_1215775, EPI_ISL_1215776, EPI_ISL_1215777, EPI_ISL_1215778, EPI_ISL_1215779, EPI_ISL_1215780, EPI_ISL_1215781, EPI_ISL_1215782, EPI_ISL_1215783, EPI_ISL_1215784, EPI_ISL_1215785, EPI_ISL_1215786, EPI_ISL_1215787, EPI_ISL_1215788, EPI_ISL_1215789, EPI_ISL_1215790, EPI_ISL_1215791, EPI_ISL_1215792, EPI_ISL_1215793, EPI_ISL_1215794, EPI_ISL_1215795, EPI_ISL_1215796, EPI_ISL_1215797, EPI_ISL_1215798, EPI_ISL_1215799, EPI_ISL_1215800, EPI_ISL_1215801, EPI_ISL_1215802, EPI_ISL_1215803, EPI_ISL_1215804, EPI_ISL_1215805, EPI_ISL_1215806, EPI_ISL_1215807, EPI_ISL_1215808, EPI_ISL_1215809, EPI_ISL_1215810, EPI_ISL_1215811, EPI_ISL_1215812, EPI_ISL_1215813, EPI_ISL_1215814, EPI_ISL_1215815, EPI_ISL_1215816, EPI_ISL_1215817, EPI_ISL_1215818, EPI_ISL_1215819, EPI_ISL_1215820, EPI_ISL_1215821, EPI_ISL_1215822, EPI_ISL_1215823, EPI_ISL_1215824, EPI_ISL_1215825, EPI_ISL_1215826, EPI_ISL_1215827, EPI_ISL_1215828, EPI_ISL_1215829, EPI_ISL_1215830, EPI_ISL_1215831, EPI_ISL_1215832, EPI_ISL_1215833, EPI_ISL_1215834, EPI_ISL_1215835, EPI_ISL_1215836, EPI_ISL_1215837, EPI_ISL_1215838, EPI_ISL_1215839, EPI_ISL_1215840, EPI_ISL_1215841, EPI_ISL_1215842, EPI_ISL_1215843, EPI_ISL_1215844, EPI_ISL_1215845, EPI_ISL_1215846, EPI_ISL_1215847, EPI_ISL_1215848, EPI_ISL_1215849, EPI_ISL_1215850, EPI_ISL_1215851, EPI_ISL_1215852, EPI_ISL_1215853, EPI_ISL_1215854, EPI_ISL_1215855, EPI_ISL_1215856, EPI_ISL_1215857, EPI_ISL_1215858, EPI_ISL_1215859, EPI_ISL_1215860, EPI_ISL_1215861, EPI_ISL_1215862, EPI_ISL_1215863, EPI_ISL_1215864, EPI_ISL_1215865, EPI_ISL_1215866, EPI_ISL_1215867, EPI_ISL_1215868, EPI_ISL_1215869, EPI_ISL_1215870, EPI_ISL_1215871, EPI_ISL_1215872, EPI_ISL_1215873, EPI_ISL_1215874, EPI_ISL_1215875, EPI_ISL_1215876, EPI_ISL_1215877, EPI_ISL_1215878, EPI_ISL_1215879, EPI_ISL_1215880, EPI_ISL_1215881, EPI_ISL_1215882, EPI_ISL_1215883, EPI_ISL_1215884, EPI_ISL_1215885, EPI_ISL_1215886, EPI_ISL_1215887, EPI_ISL_1215888, EPI_ISL_1215889, EPI_ISL_1215890, EPI_ISL_1215891, EPI_ISL_1215892, EPI_ISL_1215893, EPI_ISL_1215894, EPI_ISL_1215895, EPI_ISL_1215896, EPI_ISL_1215897, EPI_ISL_1215898, EPI_ISL_1215899, EPI_ISL_1215900, EPI_ISL_1215901, EPI_ISL_1215902, EPI_ISL_1215903, EPI_ISL_1215904, EPI_ISL_1215905, EPI_ISL_1215906, EPI_ISL_1215907, EPI_ISL_1215908, EPI_ISL_1215909, EPI_ISL_1215910, EPI_ISL_1215911, EPI_ISL_1215912, EPI_ISL_1215913, EPI_ISL_1215914, EPI_ISL_1215915, EPI_ISL_1215916, EPI_ISL_1215917, EPI_ISL_1215918, EPI_ISL_1215919, EPI_ISL_1215920, EPI_ISL_1215921, EPI_ISL_1215922, EPI_ISL_1215923, EPI_ISL_1215924, EPI_ISL_1215925, EPI_ISL_1215926, EPI_ISL_1215927, EPI_ISL_1215928, EPI_ISL_1215929, EPI_ISL_1215930, EPI_ISL_1215931, EPI_ISL_1215932, EPI_ISL_1215933, EPI_ISL_1215934, EPI_ISL_1215935, EPI_ISL_1215936, EPI_ISL_1215937, EPI_ISL_1215938, EPI_ISL_121				

EPI_ISL_1247995, EPI_ISL_1247996, EPI_ISL_1248000, EPI_ISL_1248014, EPI_ISL_1248015, EPI_ISL_1248016, EPI_ISL_1248017, EPI_ISL_1248018, EPI_ISL_1248021, EPI_ISL_1248022, EPI_ISL_1248023, EPI_ISL_1248024, EPI_ISL_1248025, EPI_ISL_1248027, EPI_ISL_1248032, EPI_ISL_1248033, EPI_ISL_1248034, EPI_ISL_1248035, EPI_ISL_1248036, EPI_ISL_1248037, EPI_ISL_1248038, EPI_ISL_1248039, EPI_ISL_1248040, EPI_ISL_1248041, EPI_ISL_1248042, EPI_ISL_1248043, EPI_ISL_1248044, EPI_ISL_1248045, EPI_ISL_1248046, EPI_ISL_1248047, EPI_ISL_1248048, EPI_ISL_1248049, EPI_ISL_1248050, EPI_ISL_1248051, EPI_ISL_1248052, EPI_ISL_1248053, EPI_ISL_1248054, EPI_ISL_1248055, EPI_ISL_1248056			
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_1248376, EPI_ISL_1248378, EPI_ISL_1248386, EPI_ISL_1248388, EPI_ISL_1248390, EPI_ISL_1248400, EPI_ISL_1248401, EPI_ISL_1248402, EPI_ISL_1248411, EPI_ISL_1248412, EPI_ISL_1248413, EPI_ISL_1248414, EPI_ISL_1248420, EPI_ISL_1248422, EPI_ISL_1248424, EPI_ISL_1248430, EPI_ISL_1248432, EPI_ISL_1248434, EPI_ISL_1248442, EPI_ISL_1248444, EPI_ISL_1248449			
see above	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_1249237	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_1251469, EPI_ISL_1251509	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_1261220, EPI_ISL_1261221, EPI_ISL_1261322, EPI_ISL_1261323, EPI_ISL_1261324, EPI_ISL_1261325	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_1261774	Iressef Genomics lab	IRISSEF	Souleymane MBOUP, Abdou PADANE, Abdoulie KANTEH, Abdul Karim SESAY, Khadim GUEYE, Papa Alassane DIAW, Birahim Piere NDIAYE, Barada CISSE, Aminata MBOUP, Moustapha MBOW, Ndeye Coumba Toure KANE, Nafisatou LEVE, Gora LO, Amroise AHOUIDI, Astou Gaye GAYE, Aminata DIA, Yacine DIA
EPI_ISL_1278984, EPI_ISL_1279112	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 Kurela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1280154, EPI_ISL_1280156, EPI_ISL_1280161, EPI_ISL_1280162	Department of Genetics, Medirex	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Tatiana Sedláková, Miroslav Böhmer, Renáta Lukáková, Gabriel Minárik, Anna Giová, Werner Krampfl, Diana Rusáková, Jaroslav Budiš, Tomáš Szemes
EPI_ISL_1296492, EPI_ISL_1296493, EPI_ISL_1296495, EPI_ISL_1296496, EPI_ISL_1296498, EPI_ISL_1296501, EPI_ISL_1296503, EPI_ISL_1296542	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1308593, EPI_ISL_1308594, EPI_ISL_1308595, EPI_ISL_1308598	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_1308845, EPI_ISL_1308846, EPI_ISL_1308848, EPI_ISL_1308849	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_1308981, EPI_ISL_1308982, EPI_ISL_1308983, EPI_ISL_1308984, EPI_ISL_1308985, EPI_ISL_1308986, EPI_ISL_1308987, EPI_ISL_1308988, EPI_ISL_1308990, EPI_ISL_1308991, EPI_ISL_1308992, EPI_ISL_1308993, EPI_ISL_1308994, EPI_ISL_1308995, EPI_ISL_1308996, EPI_ISL_1308997, EPI_ISL_1308999, EPI_ISL_1309000, EPI_ISL_1309001, EPI_ISL_1309002, EPI_ISL_1309003, EPI_ISL_1309004, EPI_ISL_1309006, EPI_ISL_1309022, EPI_ISL_1309023, EPI_ISL_1309024, EPI_ISL_1309053, EPI_ISL_1309079, EPI_ISL_1309084, EPI_ISL_1309095, EPI_ISL_1309100, EPI_ISL_1309115, EPI_ISL_1309116, EPI_ISL_1309117, EPI_ISL_1309118, EPI_ISL_1309127			
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_1309550, EPI_ISL_1309551, EPI_ISL_1309552, EPI_ISL_1309553, EPI_ISL_1309554, EPI_ISL_1309555, EPI_ISL_1309559, EPI_ISL_1309560, EPI_ISL_1309561, EPI_ISL_1309565, EPI_ISL_1309566, EPI_ISL_1309571, EPI_ISL_1309597, EPI_ISL_1309608, EPI_ISL_1309610			
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_1309739	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_1317286	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1322331	LABORATOIRE REPUBLIQUE	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_1322353	LEM LXBIO SITE DE MILLAU	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_1324038, EPI_ISL_1324039	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_1359946	CENTRE HOSPITALIER DU PAYS D'AIX	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_1371805, EPI_ISL_1371809, EPI_ISL_1371814	CENTRE HOSPITALIER INTERCOMMUNAL	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_1371841	LABORATOIRE ACCOLAB SUD OUEST	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_1381919	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1386885, EPI_ISL_1386890, EPI_ISL_1386892, EPI_ISL_1386894, EPI_ISL_1386899, EPI_ISL_1386903, EPI_ISL_1386904, EPI_ISL_1386906, EPI_ISL_1386907, EPI_ISL_1386908	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_1387236	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_1406504	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1424400, EPI_ISL_1424432	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Michele Cennamo Valentina Bouche Chiara Colantuono Lucio Di Filippo Mariano Fiorenza Anna Manfredi Marcello Salvi Giuseppe Portella Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1427595, EPI_ISL_1427596, EPI_ISL_1427597, EPI_ISL_1427598, EPI_ISL_1427599	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_1456928, EPI_ISL_1456937, EPI_ISL_1456953, EPI_ISL_1456966, EPI_ISL_1456978, EPI_ISL_1457061,	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuitling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team

EPI_ISL_1457068, EPI_ISL_1457615			
EPI_ISL_771370	SA Pathology	SA Pathology	Lex Leong, Julien Soubrier, Chuan Kok Lim, Song Gao, Mark Turra, Karin Kassahn, Ivan Bastian, Geoff Higgins
EPI_ISL_779153, EPI_ISL_779154	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_779402	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_779663, EPI_ISL_779686	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_792555	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, Diyanath Ranasinghe, Laksiri Gomes, Gathsaurie Neelika Malavige
EPI_ISL_794613	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_794744	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Leontina Banica, Marius Surleac, Corina Casangiu, Petre Milu, Andreea Tudor, Simona Paraschiv, Dan Otelea
EPI_ISL_796736, EPI_ISL_796755, EPI_ISL_796756, EPI_ISL_796757, EPI_ISL_796758, EPI_ISL_796762, EPI_ISL_796767	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_797405, EPI_ISL_797445, EPI_ISL_797500, EPI_ISL_797627, EPI_ISL_797632, EPI_ISL_797677, EPI_ISL_797685, EPI_ISL_797704, EPI_ISL_797713, EPI_ISL_797716, EPI_ISL_797847, EPI_ISL_797914, EPI_ISL_797929, EPI_ISL_797970, EPI_ISL_797980, EPI_ISL_797996			
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_801519, EPI_ISL_801520	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_803962, EPI_ISL_803964	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_804225, EPI_ISL_804249	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_804945, EPI_ISL_804947, EPI_ISL_804948	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_804981	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_806544	INSPI Instituto Nacional de Investigación en Salud Pública	Av. Julián Coronel 905 entre Esmeraldas y José Mascote Av. Juan Tanca Marengo No. 100 y Av. de las Américas	Leandro Patiño, Doménica de Mora, Maritza Olmedo, Andrés Carrazco, Orson Mestanza, Mary Regato, Melissa Zambrano, Manuel González, Alfredo Bruno, Alberto Orlando.
EPI_ISL_810965	PathWest Laboratory Medicine WA	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EPI_ISL_811107, EPI_ISL_811108, EPI_ISL_811109, EPI_ISL_811110, EPI_ISL_811111, EPI_ISL_811113, EPI_ISL_811114, EPI_ISL_811116	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_811140, EPI_ISL_811141, EPI_ISL_811142	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_811194, EPI_ISL_811195, EPI_ISL_811196	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_811197	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_811199, EPI_ISL_811200, EPI_ISL_811202	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_811205	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_811208, EPI_ISL_811209, EPI_ISL_811210	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_811212	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_811213, EPI_ISL_811216, EPI_ISL_811218, EPI_ISL_811219, EPI_ISL_811220, EPI_ISL_811221, EPI_ISL_811223, EPI_ISL_811224, EPI_ISL_811225, EPI_ISL_811227, EPI_ISL_811228, EPI_ISL_811230, EPI_ISL_811231, EPI_ISL_811232, EPI_ISL_811235, EPI_ISL_811237, EPI_ISL_811239, EPI_ISL_811240, EPI_ISL_811242, EPI_ISL_811243, EPI_ISL_811244			
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_811245	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_811246, EPI_ISL_811249, EPI_ISL_811250	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_811251	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_811252, EPI_ISL_811253	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]

[illegible]

EPI_ISL_812249	Cantonal Hospital Baden	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_812251, EPI_ISL_812252, EPI_ISL_812253, EPI_ISL_812254	Kantonsarztamt Bern	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_812255	Kantonsärztlicher Dienst Aargau	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_812257	Analytica Medizinische Laboratorien AG	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_812772, EPI_ISL_812773	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasermin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_813816, EPI_ISL_813817, EPI_ISL_813818, EPI_ISL_813819, EPI_ISL_813821, EPI_ISL_813822, EPI_ISL_813823, EPI_ISL_813825, EPI_ISL_813826, EPI_ISL_813827, EPI_ISL_813828			
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_813995, EPI_ISL_814010, EPI_ISL_814014, EPI_ISL_814021, EPI_ISL_814023, EPI_ISL_814034, EPI_ISL_814035, EPI_ISL_814036	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Dario Garcia de Viedma, Laura Pérez-Lago, Marta Herranz, Jon Sicilia, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_816210, EPI_ISL_816211, EPI_ISL_816216, EPI_ISL_816219	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_816244, EPI_ISL_816251, EPI_ISL_816258, EPI_ISL_816264, EPI_ISL_816286, EPI_ISL_816287, EPI_ISL_816303, EPI_ISL_816312, EPI_ISL_816315, EPI_ISL_816322, EPI_ISL_816328, EPI_ISL_816334, EPI_ISL_816358, EPI_ISL_816367, EPI_ISL_816369, EPI_ISL_816371, EPI_ISL_816373, EPI_ISL_816376, EPI_ISL_816389, EPI_ISL_816391, EPI_ISL_816394, EPI_ISL_816416, EPI_ISL_816433, EPI_ISL_816455, EPI_ISL_816463, EPI_ISL_816471, EPI_ISL_816479, EPI_ISL_816498, EPI_ISL_816519, EPI_ISL_816523, EPI_ISL_816524, EPI_ISL_816543, EPI_ISL_816559, EPI_ISL_816564, EPI_ISL_816573, EPI_ISL_816614, EPI_ISL_816624, EPI_ISL_816636, EPI_ISL_816639, EPI_ISL_816652			
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_817288, EPI_ISL_817315, EPI_ISL_817316, EPI_ISL_817317, EPI_ISL_817384, EPI_ISL_818138, EPI_ISL_818266, EPI_ISL_818267, EPI_ISL_818268, EPI_ISL_818269, EPI_ISL_818270, EPI_ISL_818271, EPI_ISL_818272, EPI_ISL_818273, EPI_ISL_818274, EPI_ISL_818275, EPI_ISL_818276, EPI_ISL_818277, EPI_ISL_818278, EPI_ISL_818279, EPI_ISL_818280, EPI_ISL_818281, EPI_ISL_818282, EPI_ISL_818283, EPI_ISL_818284, EPI_ISL_818285, EPI_ISL_818286, EPI_ISL_818287, EPI_ISL_818288, EPI_ISL_818289, EPI_ISL_818290, EPI_ISL_818291, EPI_ISL_818292, EPI_ISL_818293, EPI_ISL_818294, EPI_ISL_818295, EPI_ISL_818296, EPI_ISL_818297, EPI_ISL_818298, EPI_ISL_818299, EPI_ISL_818300, EPI_ISL_818336			
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_819134, EPI_ISL_819141, EPI_ISL_819145, EPI_ISL_819147, EPI_ISL_819151, EPI_ISL_819154, EPI_ISL_819155, EPI_ISL_819158, EPI_ISL_819159, EPI_ISL_819160, EPI_ISL_819161, EPI_ISL_819162, EPI_ISL_819166			
see above	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_819375, EPI_ISL_819384, EPI_ISL_819391, EPI_ISL_819392, EPI_ISL_819393, EPI_ISL_819394, EPI_ISL_819395, EPI_ISL_819405, EPI_ISL_819406, EPI_ISL_819407, EPI_ISL_819408, EPI_ISL_819409, EPI_ISL_819410, EPI_ISL_819411, EPI_ISL_819412, EPI_ISL_819413, EPI_ISL_819414, EPI_ISL_819415, EPI_ISL_819416, EPI_ISL_819417, EPI_ISL_819418, EPI_ISL_819419, EPI_ISL_819420, EPI_ISL_819421, EPI_ISL_819424, EPI_ISL_819425, EPI_ISL_819429			
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 Alkhan, 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 Devisevic, Alison E. Math, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_820596	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_820648, EPI_ISL_820649, EPI_ISL_820651, EPI_ISL_820652, EPI_ISL_820653, EPI_ISL_820655, EPI_ISL_820656, EPI_ISL_820657, EPI_ISL_820658, EPI_ISL_820659, EPI_ISL_820660, EPI_ISL_820661, EPI_ISL_820662, EPI_ISL_820663, EPI_ISL_820664, EPI_ISL_820665, EPI_ISL_820666, EPI_ISL_820667, EPI_ISL_820668, EPI_ISL_820669, EPI_ISL_820670, EPI_ISL_820671, EPI_ISL_820672, EPI_ISL_820674, EPI_ISL_820675, EPI_ISL_820676, EPI_ISL_820677, EPI_ISL_820678, EPI_ISL_820679, EPI_ISL_820680, EPI_ISL_820681, EPI_ISL_820682, EPI_ISL_820683, EPI_ISL_820684, EPI_ISL_820685, EPI_ISL_820686, EPI_ISL_820687, EPI_ISL_820688, EPI_ISL_820689, EPI_ISL_820690, EPI_ISL_820691, EPI_ISL_820692, EPI_ISL_820693, EPI_ISL_820694, EPI_ISL_820695, EPI_ISL_820696, EPI_ISL_820697, EPI_ISL_820700, EPI_ISL_820701, EPI_ISL_820702, EPI_ISL_820703, EPI_ISL_820704, EPI_ISL_820705, EPI_ISL_820706, EPI_ISL_820707, EPI_ISL_820708, EPI_ISL_820709, EPI_ISL_820710, EPI_ISL_820711, EPI_ISL_820712, EPI_ISL_820713, EPI_ISL_820714, EPI_ISL_820715, EPI_ISL_820716, EPI_ISL_820717, EPI_ISL_820718, EPI_ISL_820719, EPI_ISL_820720, EPI_ISL_820721, EPI_ISL_820722, EPI_ISL_820723, EPI_ISL_820724, EPI_ISL_820725, EPI_ISL_820726, EPI_ISL_820727, EPI_ISL_820728, EPI_ISL_820729, EPI_ISL_820730, EPI_ISL_820731, EPI_ISL_820732, EPI_ISL_820733, EPI_ISL_820734, EPI_ISL_820735, EPI_ISL_820736, EPI_ISL_820737, EPI_ISL_820738, EPI_ISL_820739, EPI_ISL_820740, EPI_ISL_820741, EPI_ISL_820742, EPI_ISL_820743, EPI_ISL_820744, EPI_ISL_820745, EPI_ISL_820746, EPI_ISL_820747, EPI_ISL_820748, EPI_ISL_820749, EPI_ISL_820750, EPI_ISL_820751, EPI_ISL_820752, EPI_ISL_820753, EPI_ISL_820754, EPI_ISL_820755, EPI_ISL_820756, EPI_ISL_820757, EPI_ISL_820758, EPI_ISL_820759, EPI_ISL_820760, EPI_ISL_820761, EPI_ISL_820762, EPI_ISL_820763, EPI_ISL_820765, EPI_ISL_820766, EPI_ISL_820767, EPI_ISL_820769, EPI_ISL_820770, EPI_ISL_820771, EPI_ISL_820772, EPI_ISL_820773, EPI_ISL_820774, EPI_ISL_820775, EPI_ISL_820776, EPI_ISL_820777, EPI_ISL_820778, EPI_ISL_820779, EPI_ISL_820780, EPI_ISL_820781, EPI_ISL_820782, EPI_ISL_820783, EPI_ISL_820784, EPI_ISL_820785, EPI_ISL_820786, EPI_ISL_820787, EPI_ISL_820788, EPI_ISL_820789, EPI_ISL_820790, EPI_ISL_820791, EPI_ISL_820792, EPI_ISL_820793, EPI_ISL_820794, EPI_ISL_820795, EPI_ISL_820797, EPI_ISL_820798, EPI_ISL_820800, EPI_ISL_820801, EPI_ISL_820802, EPI_ISL_820803, EPI_ISL_820804, EPI_ISL_820805, EPI_ISL_820806, EPI_ISL_820807, EPI_ISL_820808, EPI_ISL_820809, EPI_ISL_820810, EPI_ISL_820811, EPI_ISL_820812, EPI_ISL_820813, EPI_ISL_820814, EPI_ISL_820815, EPI_ISL_820816, EPI_ISL_820817, EPI_ISL_820818, EPI_ISL_820819, EPI_ISL_820821, EPI_ISL_820822, EPI_ISL_820823, EPI_ISL_820825, EPI_ISL_820826, EPI_ISL_820827, EPI_ISL_820829, EPI_ISL_820830, EPI_ISL_820831, EPI_ISL_820832, EPI_ISL_820833, EPI_ISL_820834, EPI_ISL_820835, EPI_ISL_820836, EPI_ISL_820837, EPI_ISL_820838, EPI_ISL_820839, EPI_ISL_820840, EPI_ISL_820841, EPI_ISL_820842, EPI_ISL_820843, EPI_ISL_820844, EPI_ISL_820845, EPI_ISL_820846, EPI_ISL_820847, EPI_ISL_820848, EPI_ISL_820849, EPI_ISL_820850, EPI_ISL_820851, EPI_ISL_820853, EPI_ISL_820854, EPI_ISL_820855, EPI_ISL_820856, EPI_ISL_820858, EPI_ISL_820859, EPI_ISL_820860, EPI_ISL_820861, EPI_ISL_820862, EPI_ISL_820863, EPI_ISL_820866, EPI_ISL_820867, EPI_ISL_820870, EPI_ISL_820871, EPI_ISL_820872, EPI_ISL_820873, EPI_ISL_820874, EPI_ISL_820875, EPI_ISL_820876, EPI_ISL_820877, EPI_ISL_820878, EPI_ISL_820879, EPI_ISL_820880, EPI_ISL_820881, EPI_ISL_820882, EPI_ISL_820883, EPI_ISL_820884, EPI_ISL_820885, EPI_ISL_820886, EPI_ISL_820888, EPI_ISL_820889, EPI_ISL_820890, EPI_ISL_820891, EPI_ISL_820892, EPI_ISL_820894, EPI_ISL_820895, EPI_ISL_820896, EPI_ISL_820897, EPI_ISL_820898, EPI_ISL_820899, EPI_ISL_820900, EPI_ISL_820901, EPI_ISL_820902, EPI_ISL_820904, EPI_ISL_820905, EPI_ISL_820906, EPI_ISL_820907, EPI_ISL_820908, EPI_ISL_820909, EPI_ISL_820910, EPI_ISL_820911, EPI_ISL_820912, EPI_ISL_820913, EPI_ISL_820914, EPI_ISL_820915, EPI_ISL_820916, EPI_ISL_820917, EPI_ISL_820918, EPI_ISL_820919, EPI_ISL_820920, EPI_ISL_820921, EPI_ISL_820922, EPI_ISL_820923, EPI_ISL_820924, EPI_ISL_820925, EPI_ISL_820926, EPI_ISL_820927, EPI_ISL_820928, EPI_ISL_820929, EPI_ISL_820930, EPI_ISL_820931, EPI_ISL_820932, EPI_ISL_820933, EPI_ISL_820934, EPI_ISL_820935, EPI_ISL_820936, EPI_ISL_820937, EPI_ISL_820938, EPI_ISL_820939, EPI_ISL_820940, EPI_ISL_820941, EPI_ISL_820942, EPI_ISL_820943, EPI_ISL_820944, EPI_ISL_820945, EPI_ISL_820946, EPI_ISL_820947, EPI_ISL_820948, EPI_ISL_820949, EPI_ISL_820950, EPI_ISL_820951, EPI_ISL_820952, EPI_ISL_820953, EPI_ISL_820954, EPI_ISL_820955, EPI_ISL_820956, EPI_ISL_820957, EPI_ISL_820958, EPI_ISL_820959, EPI_ISL_820960, EPI_ISL_820961, EPI_ISL_820962, EPI_ISL_820963, EPI_ISL_820964, EPI_ISL_820965, EPI_ISL_820966, EPI_ISL_820967, EPI_ISL_820968, EPI_ISL_820969, EPI_ISL_820970, EPI_ISL_820971, EPI_ISL_820972, EPI_ISL_820973, EPI_ISL_820974, EPI_ISL_820976, EPI_ISL_820977, EPI_ISL_820978, EPI_ISL_820979, EPI_ISL_820980, EPI_ISL_820981, EPI_ISL_820982, EPI_ISL_820983, EPI_ISL_820984, EPI_ISL_820985, EPI_ISL_820986, EPI_ISL_820987, EPI_ISL_820988, EPI_ISL_820989, EPI_ISL_820990, EPI_ISL_820991, EPI_ISL_820992, EPI_ISL_820993, EPI_ISL_820994, EPI_ISL_820995, EPI_ISL_820996, EPI_ISL_820997, EPI_ISL_820998, EPI_ISL_820999, EPI_ISL_821000, EPI_ISL_821001			
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_821006, EPI_ISL_821007, EPI_ISL_821008, EPI_ISL_821017, EPI_ISL_821019, EPI_ISL_821023	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_821032	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_821034	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_821037	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]

[illegible]

[illegible]

		(COG-UK) Consortium	David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822823, EPI_ISL_822826, EPI_ISL_822827, EPI_ISL_822829, EPI_ISL_822830	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	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_824554	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_826466	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_826468, EPI_ISL_826469, EPI_ISL_826470, EPI_ISL_826471, EPI_ISL_826474	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_826477	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_826478	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_826479	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_827396	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdoottir; Run Fridriksdoottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_827689, EPI_ISL_827757, EPI_ISL_827922, EPI_ISL_827923	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdoottir; Run Fridriksdoottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830572	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830648	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 Sägesser, Pascal Bittel, Stephen L Leib, Peter Keller, Franziska Suter-Riniker, Alban Ramette
EPI_ISL_831909	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_831942	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_831943	Unilabs, Mikrobiologiska laboratoriet	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_833147	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_833206, EPI_ISL_833208, EPI_ISL_833209, EPI_ISL_833213, EPI_ISL_833220, EPI_ISL_833221, EPI_ISL_833222, EPI_ISL_833223, EPI_ISL_833224, EPI_ISL_833225, EPI_ISL_833226			
see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Fathiah Zakham, Essi Korhonen, Sari Hannula, Harri Kangas, Pekka Ellonen, Olli Vapalahti
EPI_ISL_833590, EPI_ISL_833593, EPI_ISL_833596, EPI_ISL_833597, EPI_ISL_833602, EPI_ISL_833604, EPI_ISL_833611, EPI_ISL_833612, EPI_ISL_833614, EPI_ISL_833615, EPI_ISL_833617, EPI_ISL_833618, EPI_ISL_833619, EPI_ISL_833620, EPI_ISL_833621			
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_833626	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_833629, EPI_ISL_833632, EPI_ISL_833634, EPI_ISL_833643, EPI_ISL_833647, EPI_ISL_833648, EPI_ISL_833656, EPI_ISL_833658	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_833662	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_833667, EPI_ISL_833676, EPI_ISL_833678, EPI_ISL_833685, EPI_ISL_833693, EPI_ISL_833700	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_833707	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_833712, EPI_ISL_833716, EPI_ISL_833721, EPI_ISL_833725, EPI_ISL_833726, EPI_ISL_833734, EPI_ISL_833736, EPI_ISL_833738, EPI_ISL_833743	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_833746	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_833755, EPI_ISL_833756, EPI_ISL_833759, EPI_ISL_833766, EPI_ISL_833767, EPI_ISL_833768, EPI_ISL_833780, EPI_ISL_833791, EPI_ISL_833795, EPI_ISL_833796, EPI_ISL_833801, EPI_ISL_833803, EPI_ISL_833804, EPI_ISL_833809, EPI_ISL_833814, EPI_ISL_833817, EPI_ISL_833818, EPI_ISL_833823, EPI_ISL_833830, EPI_ISL_833834, EPI_ISL_833835, EPI_ISL_833845, EPI_ISL_833846, EPI_ISL_833848, EPI_ISL_833856, EPI_ISL_833865, EPI_ISL_833868, EPI_ISL_833872, EPI_ISL_833879, EPI_ISL_833881, EPI_ISL_833884, EPI_ISL_833889, EPI_ISL_833890, EPI_ISL_833894, EPI_ISL_833895, EPI_ISL_833901, EPI_ISL_833908, EPI_ISL_833916, EPI_ISL_833924, EPI_ISL_833930, EPI_ISL_833931			
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_833935, EPI_ISL_833940, EPI_ISL_833941, EPI_ISL_833946, EPI_ISL_833948, EPI_ISL_833952, EPI_ISL_833953, EPI_ISL_833956, EPI_ISL_833957, EPI_ISL_833959, EPI_ISL_833961, EPI_ISL_833965, EPI_ISL_833967, EPI_ISL_833969, EPI_ISL_833972, EPI_ISL_833973, EPI_ISL_833975, EPI_ISL_833976, EPI_ISL_833977, EPI_ISL_833983, EPI_ISL_833984, EPI_ISL_833985, EPI_ISL_833987, EPI_ISL_833988, EPI_ISL_833990, EPI_ISL_833996, EPI_ISL_833997, EPI_ISL_833998, EPI_ISL_833999, EPI_ISL_834002, EPI_ISL_834005, EPI_ISL_834006, EPI_ISL_834012, EPI_ISL_834016, EPI_ISL_834020, EPI_ISL_834022,			

EPI_ISL_834025, EPI_ISL_834026, EPI_ISL_834031, EPI_ISL_834036, EPI_ISL_834038, EPI_ISL_834044, EPI_ISL_834046, EPI_ISL_834047, EPI_ISL_834048, EPI_ISL_834051, EPI_ISL_834053, EPI_ISL_834063, EPI_ISL_834065, EPI_ISL_834066, EPI_ISL_834067, EPI_ISL_834068, EPI_ISL_834069, EPI_ISL_834075, EPI_ISL_834079, EPI_ISL_834080, EPI_ISL_834082, EPI_ISL_834086, EPI_ISL_834091, EPI_ISL_834100, EPI_ISL_834101, EPI_ISL_834106, EPI_ISL_834107, EPI_ISL_834110, EPI_ISL_834111, EPI_ISL_834114, EPI_ISL_834115, EPI_ISL_834118, EPI_ISL_834120, EPI_ISL_834123, EPI_ISL_834125, EPI_ISL_834126, EPI_ISL_834131, EPI_ISL_834132, EPI_ISL_834135, EPI_ISL_834137, EPI_ISL_834138, EPI_ISL_834141, EPI_ISL_834142, EPI_ISL_834143, EPI_ISL_834145, EPI_ISL_834153, EPI_ISL_834157, EPI_ISL_834160, EPI_ISL_834162, EPI_ISL_834166, EPI_ISL_834167, EPI_ISL_834170, EPI_ISL_834172, EPI_ISL_834175, EPI_ISL_834178, EPI_ISL_834179, EPI_ISL_834186, EPI_ISL_834188, EPI_ISL_834189, EPI_ISL_834190, EPI_ISL_834195, EPI_ISL_834202, EPI_ISL_834205, EPI_ISL_834208, EPI_ISL_834209, EPI_ISL_834210, EPI_ISL_834213, EPI_ISL_834214, EPI_ISL_834215, EPI_ISL_834216, EPI_ISL_834217, EPI_ISL_834218, EPI_ISL_834219, EPI_ISL_834220, EPI_ISL_834222, EPI_ISL_834224, EPI_ISL_834225, EPI_ISL_834227, EPI_ISL_834229, EPI_ISL_834239, EPI_ISL_834240, EPI_ISL_834241, EPI_ISL_834243, EPI_ISL_834244, EPI_ISL_834247, EPI_ISL_834249, EPI_ISL_834251, EPI_ISL_834252, EPI_ISL_834253, EPI_ISL_834257, EPI_ISL_834258, EPI_ISL_834259, EPI_ISL_834260, EPI_ISL_834261, EPI_ISL_834265, EPI_ISL_834266, EPI_ISL_834267, EPI_ISL_834268, EPI_ISL_834269, EPI_ISL_834270, EPI_ISL_834272, EPI_ISL_834273, EPI_ISL_834275, EPI_ISL_834276, EPI_ISL_834278, EPI_ISL_834279, EPI_ISL_834282, EPI_ISL_834284, EPI_ISL_834285, EPI_ISL_834286, EPI_ISL_834291, EPI_ISL_834292, EPI_ISL_834295, EPI_ISL_834296, EPI_ISL_834297, EPI_ISL_834301, EPI_ISL_834302, EPI_ISL_834304, EPI_ISL_834305, EPI_ISL_834307, EPI_ISL_834308, EPI_ISL_834309, EPI_ISL_834310, EPI_ISL_834314, EPI_ISL_834316, EPI_ISL_834317, EPI_ISL_834318, EPI_ISL_834321, EPI_ISL_834322, EPI_ISL_834323, EPI_ISL_834324, EPI_ISL_834327, EPI_ISL_834328, EPI_ISL_834329, EPI_ISL_834331, EPI_ISL_834332, EPI_ISL_834336, EPI_ISL_834337, EPI_ISL_834338, EPI_ISL_834339, EPI_ISL_834340, EPI_ISL_834341, EPI_ISL_834345, EPI_ISL_834346, EPI_ISL_834347, EPI_ISL_834349, EPI_ISL_834350, EPI_ISL_834354, EPI_ISL_834355, EPI_ISL_834356, EPI_ISL_834357, EPI_ISL_834358, EPI_ISL_834359, EPI_ISL_834361, EPI_ISL_834362, EPI_ISL_834364, EPI_ISL_834365, EPI_ISL_834367, EPI_ISL_834369, EPI_ISL_834371, EPI_ISL_834372, EPI_ISL_834373, EPI_ISL_834375, EPI_ISL_834379, EPI_ISL_834383, EPI_ISL_834385, EPI_ISL_834386, EPI_ISL_834387, EPI_ISL_834389, EPI_ISL_834390, EPI_ISL_834391, EPI_ISL_834393, EPI_ISL_834396, EPI_ISL_834397, EPI_ISL_834398, EPI_ISL_834399, EPI_ISL_834401, EPI_ISL_834403, EPI_ISL_834405, EPI_ISL_834406, EPI_ISL_834408, EPI_ISL_834411, EPI_ISL_834412, EPI_ISL_834414, EPI_ISL_834415, EPI_ISL_834416, EPI_ISL_834419, EPI_ISL_834421, EPI_ISL_834422, EPI_ISL_834424, EPI_ISL_834425, EPI_ISL_834427, EPI_ISL_834428, EPI_ISL_834429, EPI_ISL_834431, EPI_ISL_834432, EPI_ISL_834434, EPI_ISL_834435, EPI_ISL_834437, EPI_ISL_834439, EPI_ISL_834441, EPI_ISL_834444, EPI_ISL_834446, EPI_ISL_834447, EPI_ISL_834450, EPI_ISL_834452, EPI_ISL_834453, EPI_ISL_834455, EPI_ISL_834457, EPI_ISL_834458, EPI_ISL_834461, EPI_ISL_834462, EPI_ISL_834463, EPI_ISL_834471, EPI_ISL_834474, EPI_ISL_834475, EPI_ISL_834477, EPI_ISL_834478, EPI_ISL_834480, EPI_ISL_834482, EPI_ISL_834487, EPI_ISL_834489, EPI_ISL_834490, EPI_ISL_834491, EPI_ISL_834493, EPI_ISL_834495, EPI_ISL_834496, EPI_ISL_834498, EPI_ISL_834501, EPI_ISL_834502, EPI_ISL_834504, EPI_ISL_834505, EPI_ISL_834506, EPI_ISL_834508, EPI_ISL_834510, EPI_ISL_834512, EPI_ISL_834513, EPI_ISL_834515, EPI_ISL_834516, EPI_ISL_834518, EPI_ISL_834519, EPI_ISL_834521, EPI_ISL_834523, EPI_ISL_834525, EPI_ISL_834527, EPI_ISL_834528, EPI_ISL_834530, EPI_ISL_834531, EPI_ISL_834532, EPI_ISL_834534, EPI_ISL_834536, EPI_ISL_834537, EPI_ISL_834538, EPI_ISL_834539, EPI_ISL_834540, EPI_ISL_834544, EPI_ISL_834546, EPI_ISL_834547, EPI_ISL_834548, EPI_ISL_834550, EPI_ISL_834552, EPI_ISL_834553	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_834553, EPI_ISL_834554, EPI_ISL_834555, EPI_ISL_834556, EPI_ISL_834557, EPI_ISL_834558, EPI_ISL_834559, EPI_ISL_834560, EPI_ISL_834561, EPI_ISL_834562, EPI_ISL_834563, EPI_ISL_834564, EPI_ISL_834565, EPI_ISL_834566, EPI_ISL_834567, EPI_ISL_834568, EPI_ISL_834569, EPI_ISL_834570, EPI_ISL_834571, EPI_ISL_834572, EPI_ISL_834573, EPI_ISL_834574, EPI_ISL_834575, EPI_ISL_834576, EPI_ISL_834577, EPI_ISL_834578, EPI_ISL_834579, EPI_ISL_834580, EPI_ISL_834581, EPI_ISL_834582, EPI_ISL_834583, EPI_ISL_834584, EPI_ISL_834585, EPI_ISL_834586, EPI_ISL_834587, EPI_ISL_834588, EPI_ISL_834589, EPI_ISL_834590, EPI_ISL_834591, EPI_ISL_834592, EPI_ISL_834593, EPI_ISL_834594, EPI_ISL_834595, EPI_ISL_834596, EPI_ISL_834597, EPI_ISL_834598, EPI_ISL_834599, EPI_ISL_834600, EPI_ISL_834601, EPI_ISL_834602, EPI_ISL_834603, EPI_ISL_834604, EPI_ISL_834605, EPI_ISL_834607, EPI_ISL_834610, EPI_ISL_834611, EPI_ISL_834612, EPI_ISL_834613, EPI_ISL_834615, EPI_ISL_834616, EPI_ISL_834617, EPI_ISL_834618, EPI_ISL_834619, EPI_ISL_834620, EPI_ISL_834621, EPI_ISL_834622, EPI_ISL_834623, EPI_ISL_834625				

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EPI_ISL_838586, EPI_ISL_838587, EPI_ISL_838597, EPI_ISL_838600, EPI_ISL_838602, EPI_ISL_838613, EPI_ISL_838628	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_838807, EPI_ISL_838835, EPI_ISL_838836, EPI_ISL_838837, EPI_ISL_838842, EPI_ISL_838843, EPI_ISL_838845, EPI_ISL_838846, EPI_ISL_838853, EPI_ISL_838854, EPI_ISL_838857, EPI_ISL_838859, EPI_ISL_838860, EPI_ISL_838866, EPI_ISL_838867, EPI_ISL_838869, EPI_ISL_838870, EPI_ISL_838871, EPI_ISL_838872, EPI_ISL_838873, EPI_ISL_838874, EPI_ISL_838875, EPI_ISL_838876, EPI_ISL_838877, EPI_ISL_838878, EPI_ISL_838880, EPI_ISL_838882, EPI_ISL_838883, EPI_ISL_838884, EPI_ISL_838885, EPI_ISL_838886, EPI_ISL_838888, EPI_ISL_838890, EPI_ISL_838891, EPI_ISL_838892, EPI_ISL_838894, EPI_ISL_838895, EPI_ISL_838896, EPI_ISL_838897, EPI_ISL_838898, EPI_ISL_838900, EPI_ISL_838902, EPI_ISL_838903, EPI_ISL_838904, EPI_ISL_838905, EPI_ISL_838906, EPI_ISL_838908, EPI_ISL_838909, EPI_ISL_838910, EPI_ISL_838912, EPI_ISL_838913, EPI_ISL_838914, EPI_ISL_838915, EPI_ISL_838916, EPI_ISL_838917, EPI_ISL_838918, EPI_ISL_838919, EPI_ISL_838920, EPI_ISL_838921, EPI_ISL_838922, EPI_ISL_838923, EPI_ISL_838924, EPI_ISL_838926, EPI_ISL_839044, EPI_ISL_839045, EPI_ISL_839047, EPI_ISL_839049, EPI_ISL_839050, EPI_ISL_839052, EPI_ISL_839053, EPI_ISL_839055, EPI_ISL_839056, EPI_ISL_839057, EPI_ISL_839058, EPI_ISL_839059, EPI_ISL_839061, EPI_ISL_839062, EPI_ISL_839070, EPI_ISL_839071, EPI_ISL_839072, EPI_ISL_839076, EPI_ISL_839077, EPI_ISL_839078, EPI_ISL_839079, EPI_ISL_839115, EPI_ISL_839117, EPI_ISL_839118, EPI_ISL_839119, EPI_ISL_839120, EPI_ISL_839121, EPI_ISL_839122, EPI_ISL_839123, EPI_ISL_839124, EPI_ISL_839125, EPI_ISL_839137, EPI_ISL_839138, EPI_ISL_839139, EPI_ISL_839140, EPI_ISL_839141, EPI_ISL_839142, EPI_ISL_839143, EPI_ISL_839146, EPI_ISL_839149, EPI_ISL_839151, EPI_ISL_839152, EPI_ISL_839155, EPI_ISL_839156, EPI_ISL_839157, EPI_ISL_839172, EPI_ISL_839173, EPI_ISL_839174, EPI_ISL_839175, EPI_ISL_839176, EPI_ISL_839177, EPI_ISL_839178, EPI_ISL_839179, EPI_ISL_839180, EPI_ISL_839181, EPI_ISL_839182, EPI_ISL_839183, EPI_ISL_839184, EPI_ISL_839185, EPI_ISL_839186, EPI_ISL_839187, EPI_ISL_839188, EPI_ISL_839189, EPI_ISL_839191, EPI_ISL_839192, EPI_ISL_839193, EPI_ISL_839194, EPI_ISL_839195, EPI_ISL_839196, EPI_ISL_839197, EPI_ISL_839198, EPI_ISL_839199, EPI_ISL_839200, EPI_ISL_839201, EPI_ISL_839202, EPI_ISL_839203, EPI_ISL_839204, EPI_ISL_839205, EPI_ISL_839206, EPI_ISL_839207, EPI_ISL_839208, EPI_ISL_839210, EPI_ISL_839211, EPI_ISL_839212, EPI_ISL_839213, EPI_ISL_839214, EPI_ISL_839216, EPI_ISL_839217, EPI_ISL_839228, EPI_ISL_839229, EPI_ISL_839230, EPI_ISL_839231	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_839823, EPI_ISL_839824, EPI_ISL_839825, EPI_ISL_839826, EPI_ISL_839827, EPI_ISL_839828, EPI_ISL_839829, EPI_ISL_839830, EPI_ISL_839831, EPI_ISL_839832, EPI_ISL_839833, EPI_ISL_839834, EPI_ISL_839835, EPI_ISL_839836, EPI_ISL_839837, EPI_ISL_839838, EPI_ISL_839839, EPI_ISL_839840, EPI_ISL_839841, EPI_ISL_839843, EPI_ISL_839845, EPI_ISL_839846, EPI_ISL_839847, EPI_ISL_839848, EPI_ISL_839849, EPI_ISL_839850, EPI_ISL_839851, EPI_ISL_839852, EPI_ISL_839853, EPI_ISL_839854, EPI_ISL_839855, EPI_ISL_839856, EPI_ISL_839857, EPI_ISL_839858, EPI_ISL_839859, EPI_ISL_839860, EPI_ISL_839867, EPI_ISL_839867, EPI_ISL_839867, EPI_ISL_839868, EPI_ISL_839869, EPI_ISL_839870, EPI_ISL_839871, EPI_ISL_839872, EPI_ISL_839873, EPI_ISL_839874, EPI_ISL_839875, EPI_ISL_839876, EPI_ISL_839877, EPI_ISL_839878, EPI_ISL_839879, EPI_ISL_839880, EPI_ISL_839881, EPI_ISL_839882, EPI_ISL_839883, EPI_ISL_839884, EPI_ISL_839885, EPI_ISL_839886, EPI_ISL_839888, EPI_ISL_839889, EPI_ISL_839890, EPI_ISL_839891, EPI_ISL_839892, EPI_ISL_839893, EPI_ISL_839894, EPI_ISL_839895, EPI_ISL_839896, EPI_ISL_839897, EPI_ISL_839898, EPI_ISL_839899, EPI_ISL_839900, EPI_ISL_839901, EPI_ISL_839902, EPI_ISL_839903, EPI_ISL_839904, EPI_ISL_839905, EPI_ISL_839906, EPI_ISL_839907, EPI_ISL_839908, EPI_ISL_839909, EPI_ISL_839910, EPI_ISL_839911, EPI_ISL_839912, EPI_ISL_839913, EPI_ISL_839914, EPI_ISL_839915, EPI_ISL_839916, EPI_ISL_839917, EPI_ISL_839918, EPI_ISL_839919, EPI_ISL_839920, EPI_ISL_839921, EPI_ISL_839922, EPI_ISL_839923, EPI_ISL_839924, EPI_ISL_839925, EPI_ISL_839926, EPI_ISL_839927, EPI_ISL_839928, EPI_ISL_839929, EPI_ISL_839930, EPI_ISL_839931, EPI_ISL_839932, EPI_ISL_839933, EPI_ISL_839934, EPI_ISL_839935, EPI_ISL_839936, EPI_ISL_839937, EPI_ISL_839938, EPI_ISL_839939, EPI_ISL_839940, EPI_ISL_839941, EPI_ISL_839942, EPI_ISL_839943, EPI_ISL_839944, EPI_ISL_839945, EPI_ISL_839946, EPI_ISL_839947, EPI_ISL_839948, EPI_ISL_839949, EPI_ISL_839950, EPI_ISL_839951, EPI_ISL_839952, EPI_ISL_839953, EPI_ISL_839954, EPI_ISL_839955, EPI_ISL_839956, EPI_ISL_839957, EPI_ISL_839958, EPI_ISL_839959, EPI_ISL_839960, EPI_ISL_839961, EPI_ISL_839965, EPI_ISL_839966, EPI_ISL_839967, EPI_ISL_839971, EPI_ISL_839975, EPI_ISL_839976, EPI_ISL_839977, EPI_ISL_839978, EPI_ISL_839979, EPI_ISL_839980	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_839823, EPI_ISL_839824, EPI_ISL_839825, EPI_ISL_839826, EPI_ISL_839827, EPI_ISL_839828, EPI_ISL_839829, EPI_ISL_839830, EPI_ISL_839831, EPI_ISL_839832, EPI_ISL_839833, EPI_ISL_839834, EPI_ISL_839835, EPI_ISL_839836, EPI_ISL_839837, EPI_ISL_839838, EPI_ISL_839839, EPI_ISL_839840, EPI_ISL_839841, EPI_ISL_839843, EPI_ISL_839845, EPI_ISL_839846, EPI_ISL_839847, EPI_ISL_839848, EPI_ISL_839849, EPI_ISL_839850, EPI_ISL_839851, EPI_ISL_839852, EPI_ISL_839853, EPI_ISL_839854, EPI_ISL_839855, EPI_ISL_839856, EPI_ISL_839857, EPI_ISL_839858, EPI_ISL_839859, EPI_ISL_839860, EPI_ISL_839867, EPI_ISL_839867, EPI_ISL_839867, EPI_ISL_839868, EPI_ISL_839869, EPI_ISL_839870, EPI_ISL_839871, EPI_ISL_839872, EPI_ISL_839873, EPI_ISL_839874, EPI_ISL_839875, EPI_ISL_839876, EPI_ISL_839877, EPI_ISL_839878, EPI_ISL_839879, EPI_ISL_839880, EPI_ISL_839881, EPI_ISL_839882, EPI_ISL_839883, EPI_ISL_839884, EPI_ISL_839885, EPI_ISL_839886, EPI_ISL_839888, EPI_ISL_839889, EPI_ISL_839890, EPI_ISL_839891, EPI_ISL_839892, EPI_ISL_839893, EPI_ISL_839894, EPI_ISL_839895, EPI_ISL_839896, EPI_ISL_839897, EPI_ISL_839898, EPI_ISL_839899, EPI_ISL_839900, EPI_ISL_839901, EPI_ISL_839902, EPI_ISL_839903, EPI_ISL_839904, EPI_ISL_839905, EPI_ISL_839906, EPI_ISL_839907, EPI_ISL_839908, EPI_ISL_839909, EPI_ISL_839910, EPI_ISL_839911, EPI_ISL_839912, EPI_ISL_839913, EPI_ISL_839914, EPI_ISL_839915, EPI_ISL_839916, EPI_ISL_839917, EPI_ISL_839918, EPI_ISL_839919, EPI_ISL_839920, EPI_ISL_839921, EPI_ISL_839922, EPI_ISL_839923, EPI_ISL_839924, EPI_ISL_839925, EPI_ISL_839926, EPI_ISL_839927, EPI_ISL_839928, EPI_ISL_839929, EPI_ISL_839930, EPI_ISL_839931, EPI_ISL_839932, EPI_ISL_839933, EPI_ISL_839934, EPI_ISL_839935, EPI_ISL_839936, EPI_ISL_839937, EPI_ISL_839938, EPI_ISL_839939, EPI_ISL_839940, EPI_ISL_839941, EPI_ISL_839942, EPI_ISL_839943, EPI_ISL_839944, EPI_ISL_839945, EPI_ISL_839946, EPI_ISL_839947, EPI_ISL_839948, EPI_ISL_839949, EPI_ISL_839950, EPI_ISL_839951, EPI_ISL_839952, EPI_ISL_839953, EPI_ISL_839954, EPI_ISL_839955, EPI_ISL_839956, EPI_ISL_839957, EPI_ISL_839958, EPI_ISL_839959, EPI_ISL_839960, EPI_ISL_839961, EPI_ISL_839965, EPI_ISL_839966, EPI_ISL_839967, EPI_ISL_839971, EPI_ISL_839975, EPI_ISL_839976, EPI_ISL_839977, EPI_ISL_839978, EPI_ISL_839979, EPI_ISL_839980	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_839996, EPI_ISL_839997, EPI_ISL_839998, EPI_ISL_839999, EPI_ISL_840000, EPI_ISL_840001	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_840128, EPI_ISL_840129, EPI_ISL_840131, EPI_ISL_840132, EPI_ISL_840134, EPI_ISL_840135, EPI_ISL_840136, EPI_ISL_840139, EPI_ISL_840142, EPI_ISL_840144	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joeseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_840677, EPI_ISL_840679, EPI_ISL_840680, EPI_ISL_840687, EPI_ISL_840690, EPI_ISL_840692	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_840826, EPI_ISL_840829, EPI_ISL_840859, EPI_ISL_840863, EPI_ISL_840871, EPI_ISL_840880, EPI_ISL_840907, EPI_ISL_840935, EPI_ISL_840936, EPI_ISL_840942, EPI_ISL_840945, EPI_ISL_840951, EPI_ISL_840955, EPI_ISL_840956, EPI_ISL_840957, EPI_ISL_840958, EPI_ISL_840959, EPI_ISL_840960, EPI_ISL_840961, EPI_ISL_840962, EPI_ISL_840963, EPI_ISL_840964, EPI_ISL_840965, EPI_ISL_840966, EPI_ISL_840967, EPI_ISL_840968, EPI_ISL_840969, EPI_ISL_840970, EPI_ISL_840971, EPI_ISL_840972, EPI_ISL_840973, EPI_ISL_840974, EPI_ISL_840975, EPI_ISL_840976, EPI_ISL_840977, EPI_ISL_840978, EPI_ISL_840979, EPI_ISL_840980, EPI_ISL_840981, EPI_ISL_840982, EPI_ISL_840983, EPI_ISL_840984, EPI_ISL_840985, EPI_ISL_840986, EPI_ISL_840987, EPI_ISL_840988, EPI_ISL_840989, EPI_ISL_840990, EPI_ISL_840991, EPI_ISL_840992, EPI_ISL_840993, EPI_ISL_840994, EPI_ISL_840995, EPI_ISL_840996, EPI_ISL_840997, EPI_ISL_840998, EPI_ISL_840999, EPI_ISL_841000, EPI_ISL_841001, EPI_ISL_841002, EPI_ISL_841003, EPI_ISL_841004, EPI_ISL_841005, EPI_ISL_841006, EPI_ISL_841007, EPI_ISL_841008, EPI_ISL_841009, EPI_ISL_841010, EPI_ISL_841011, EPI_ISL_841012, EPI_ISL_841013, EPI_ISL_841014, EPI_ISL_841015, EPI_ISL_841016, EPI_ISL_841017, EPI_ISL_841018, EPI_ISL_841019, EPI_ISL_841020, EPI_ISL_841021, EPI_ISL_841022, EPI_ISL_841023, EPI_ISL_841024, EPI_ISL_841025, EPI_ISL_841026, EPI_ISL_841027, EPI_ISL_841028, EPI_ISL_841029, EPI_ISL_841030, EPI_ISL_841031, EPI_ISL_841032, EPI_ISL_841033, EPI_ISL_841034, EPI_ISL_841035, EPI_ISL_841036, EPI_ISL_841037, EPI_ISL_841038, EPI_ISL_841039, EPI_ISL_841040, EPI_ISL_841041, EPI_ISL_841042, EPI_ISL_841043, EPI_ISL_841044, EPI_ISL_841045, EPI_ISL_841046, EPI_ISL_841047, EPI_ISL_841048, EPI_ISL_841049, EPI_ISL_841050, EPI_ISL_841051, EPI_ISL_841052, EPI_ISL_841053, EPI_ISL_841054, EPI_ISL_841055, EPI_ISL_841056, EPI_ISL_841057, EPI_ISL_841058, EPI_ISL_841059, EPI_ISL_841060, EPI_ISL_841061, EPI_ISL_841062, EPI_ISL_841063, EPI_ISL_841064, EPI_ISL_841065, EPI_ISL_841066, EPI_ISL_841067, EPI_ISL_841068, EPI_ISL_841069, EPI_ISL_841070, EPI_ISL_841071, EPI_ISL_841072, EPI_ISL_841073, EPI_ISL_841074, EPI_ISL_841075, EPI_ISL_841076, EPI_ISL_841077, EPI_ISL_841078, EPI_ISL_841079, EPI_ISL_841080, EPI_ISL_841081, EPI_ISL_841082, EPI_ISL_841083, EPI_ISL_841084, EPI_ISL_841085, EPI_ISL_841086, EPI_ISL_841087, EPI_ISL_841088, EPI_ISL_841089, EPI_ISL_841090, EPI_ISL_841091, EPI_ISL_841092, EPI_ISL_841093, EPI_ISL_841094, EPI_ISL_841095, EPI_ISL_841096, EPI_ISL_841097, EPI_ISL_841098, EPI_ISL_841099, EPI_ISL_841100, EPI_ISL_841101, EPI_ISL_841102, EPI_ISL_841103, EPI_ISL_841104, EPI_ISL_841105, EPI_ISL_841106, EPI_ISL_841107, EPI_ISL_841108, EPI_ISL_841109, EPI_ISL_841110, EPI_ISL_841111, EPI_ISL_841112, EPI_ISL_841113, EPI_ISL_841114, EPI_ISL_841115, EPI_ISL_841116, EPI_ISL_841117, EPI_ISL_841118, EPI_ISL_841119, EPI_ISL_841120, EPI_ISL_841121, EPI_ISL_841122, EPI_ISL_841123, EPI_ISL_841124, EPI_ISL_841125, EPI_ISL_841126, EPI_ISL_841127, EPI_ISL_841128, EPI_ISL_841129, EPI_ISL_841130, EPI_ISL_841131, EPI_ISL_841132, EPI_ISL_841133, EPI_ISL_841134, EPI_ISL_841135, EPI_ISL_841136, EPI_ISL_841137, EPI_ISL_841138, EPI_ISL_841139, EPI_ISL_841140, EPI_ISL_841141, EPI_ISL_841142, EPI_ISL_841143, EPI_ISL_841144, EPI_ISL_841145, EPI_ISL_841146, EPI_ISL_841147, EPI_ISL_841148, EPI_ISL_841149, EPI_ISL_841150, EPI_ISL_841151, EPI_ISL_841152, EPI_ISL_841153, EPI_ISL_841154, EPI_ISL_841155, EPI_ISL_841156, EPI_ISL_841157, EPI_ISL_841158, EPI_ISL_841159, EPI_ISL_841160, EPI_ISL_841161, EPI_ISL_841162, EPI_ISL_841163, EPI_ISL_841164, EPI_ISL_841165, EPI_ISL_841166, EPI_ISL_841167, EPI_ISL_841168, EPI_ISL_841169, EPI_ISL_841170, EPI_ISL_841171, EPI_ISL_841172, EPI_ISL_841173, EPI_ISL_841174, EPI_ISL_841175, EPI_ISL_841176, EPI_ISL_841177, EPI_ISL_841178, EPI_ISL_841179, EPI_ISL_841180, EPI_ISL_841181, EPI_ISL_841182, EPI_ISL_841183, EPI_ISL_841184, EPI_ISL_841185, EPI_ISL_841186, EPI_ISL_841187, EPI_ISL_841188, EPI_ISL_841189, EPI_ISL_841190, EPI_ISL_841191, EPI_ISL_841192, EPI_ISL_841193, EPI_ISL_841194, EPI_ISL_841195, EPI_ISL_841196, EPI_ISL_841197, EPI_ISL_841198, EPI_ISL_841199, EPI_ISL_841200, EPI_ISL_841201, EPI_ISL_841202, EPI_ISL_841203, EPI_ISL_841204, EPI_ISL_841205, EPI_ISL_841206, EPI_ISL_841207, EPI_ISL_841208, EPI_ISL_841209, EPI_ISL_841210, EPI_ISL_841211, EPI_ISL_841212, EPI_ISL_841213, EPI_ISL_841214, EPI_ISL_841215, EPI_ISL_841216, EPI_ISL_841217, EPI_ISL_841218, EPI_ISL_841219, EPI_ISL_841220, EPI_ISL_841221, EPI_ISL_841222, EPI_ISL_841223, EPI_ISL_841224, EPI_ISL_841225, EPI_ISL_841226, EPI_ISL_841227, EPI_ISL_841228, EPI_ISL_841229, EPI_ISL_841230, EPI_ISL_841231, EPI_ISL_841232, EPI_ISL_841233, EPI_ISL_841234, EPI_ISL_841235, EPI_ISL_841236, EPI_ISL_841237, EPI_ISL_841238, EPI_ISL_841239, EPI_ISL_841240, EPI_ISL_841241, EPI_ISL_841242, EPI_ISL_841243, EPI_ISL_841244, EPI_ISL_841245, EPI_ISL_841246, EPI_ISL_841247, EPI_ISL_841248, EPI_ISL_841249, EPI_ISL_841250, EPI_ISL_841251, EPI_ISL_841252, EPI_ISL_841253, EPI_ISL_841254, EPI_ISL_841255, EPI_ISL_841256, EPI_ISL_841257, EPI_ISL_841258, EPI_ISL_841259, EPI_ISL_841260, EPI_ISL_841261, EPI_ISL_841262, EPI_ISL_841263, EPI_ISL_841264, EPI_ISL_841265, EPI_ISL_841266, EPI_ISL_841267, EPI_ISL_841268, EPI_ISL_841269, EPI_ISL_841270, EPI_ISL_841271, EPI_ISL_841272, EPI_ISL_841273, EPI_ISL_841274, EPI_ISL_841275, EPI_ISL_841276, EPI_ISL_841277, EPI_ISL_841278, EPI_ISL_841279, EPI_ISL_841280, EPI_ISL_841281, EPI_ISL_841282, EPI_ISL_841283, EPI_ISL_841284, EPI_ISL_841285, EPI_ISL_841286, EPI_ISL_841287, EPI_ISL_841288, EPI_ISL_841289, EPI_ISL_841290, EPI_ISL_841291, EPI_ISL_841292, EPI_ISL_841293, EPI_ISL_841294, EPI_ISL_841295, EPI_ISL_841296, EPI_ISL_841297, EPI_ISL_841298, EPI_ISL_841299, EPI_ISL_841300, EPI_ISL_841301, EPI_ISL_841302, EPI_ISL_841303, EPI_ISL_841304, EPI_ISL_841305, EPI_ISL_841306, EPI_ISL_841307, EPI_ISL_841308, EPI_ISL_841309, EPI_ISL_841310, EPI_ISL_841311, EPI_ISL_841312, EPI_ISL_841313, EPI_ISL_841314, EPI_ISL_841315, EPI_ISL_841316, EPI_ISL_841317, EPI_ISL_841318, EPI_ISL_841319, EPI_ISL_841320, EPI_ISL_841321, EPI_ISL_841322, EPI_ISL_841323, EPI_ISL_841324, EPI_ISL_841325, EPI_ISL_841326, EPI_ISL_841327, EPI_ISL_841328, EPI_ISL_841329, EPI_ISL_841330, EPI_ISL_841331, EPI_ISL_841332, EPI_ISL_841333, EPI_ISL_841334, EPI_ISL_841335, EPI_ISL_841336, EPI_ISL_841337, EPI_ISL_841338, EPI_ISL_841339, EPI_ISL_841340, EPI_ISL_841341, EPI_ISL_841342, EPI_ISL_841343, EPI_ISL_841344, EPI_ISL_841345, EPI_ISL_841346, EPI_ISL_841347, EPI_ISL_841348, EPI_ISL_841349, EPI_ISL_841350, EPI_ISL_841351, EPI_ISL_841352, EPI_ISL_841353, EPI_ISL_841354, EPI_ISL_841355, EPI_ISL_841356, EPI_ISL_841357, EPI_ISL_841358, EPI_ISL_841359, EPI_ISL_841360, EPI_ISL_841361, EPI_ISL_841362, EPI_ISL_841363, EPI_ISL_841364, EPI_ISL_841365, EPI_ISL_841366, EPI_ISL_841367, EPI_ISL_841368, EPI_ISL_841369, EPI_ISL_841370, EPI_ISL_841371, EPI_ISL_841372, EPI_ISL_841373, EPI_ISL_841374, EPI_ISL_841375, EPI_ISL_841376, EPI_ISL_841377, EPI_ISL_841378, EPI_ISL_841379, EPI_ISL_841380, EPI_ISL_841381, EPI_ISL_841382, EPI_ISL_841383, EPI_ISL_841384, EPI_ISL_841385, EPI_ISL_841386, EPI_ISL_841387, EPI_ISL_841388, EPI_ISL_841389, EPI_ISL_841390, EPI_ISL_841391, EPI_ISL_841392, EPI_ISL_841393, EPI_ISL_841394, EPI_ISL_841395, EPI_ISL_841396, EPI_ISL_841397, EPI_ISL_841398, EPI_ISL_841399, EPI_ISL_841400, EPI_ISL_841401, EPI_ISL_841402, EPI_ISL_841403, EPI_ISL_841404, EPI_ISL_841405, EPI_ISL_841406, EPI_ISL_841407, EPI_ISL_841408, EPI_ISL_841409, EPI_ISL_841410, EPI_ISL_841411, EPI_ISL_841412, EPI_ISL_841413, EPI_ISL_841414, EPI				

EPI_ISL_846595	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_846642, EPI_ISL_846643	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_846644	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_846645	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_846646, EPI_ISL_846647	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, Coignard Catherine
EPI_ISL_847199, EPI_ISL_847200, EPI_ISL_847201, EPI_ISL_847202, EPI_ISL_847203, EPI_ISL_847204, EPI_ISL_847254, EPI_ISL_847280	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_849750, EPI_ISL_849751	Public Health Virology Laboratory, Forensic and Scientific Services (PHV-FSS)	Public Health Virology Laboratory, Forensic and Scientific Services (PHV-FSS)	Son Nguyen et al
EPI_ISL_850521, EPI_ISL_850523, EPI_ISL_850524, EPI_ISL_850525, EPI_ISL_850527, EPI_ISL_850542, EPI_ISL_850581, EPI_ISL_850587, EPI_ISL_850598	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, 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_850678, EPI_ISL_850679, EPI_ISL_850680, EPI_ISL_850681, EPI_ISL_850682, EPI_ISL_850683, EPI_ISL_850684, EPI_ISL_850685, EPI_ISL_850686	The National Institute of Public Health	State Veterinary Institute Prague	Nagy,A,Jirincova,H;Trnka,D;Vecerova,J
EPI_ISL_850786, EPI_ISL_850787, EPI_ISL_850790, EPI_ISL_850791, EPI_ISL_850793, EPI_ISL_850794, EPI_ISL_850795, EPI_ISL_850797, EPI_ISL_850799, EPI_ISL_850800, EPI_ISL_850801, EPI_ISL_850802, EPI_ISL_850803, EPI_ISL_850804, EPI_ISL_850805, EPI_ISL_850806, EPI_ISL_850809, EPI_ISL_850815, EPI_ISL_850816, EPI_ISL_850832, EPI_ISL_850854, EPI_ISL_850875, EPI_ISL_850883, EPI_ISL_850886, EPI_ISL_850889, EPI_ISL_850896, EPI_ISL_850904, EPI_ISL_850939	see above	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, 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_850958, EPI_ISL_850960, EPI_ISL_850978, EPI_ISL_851021, EPI_ISL_851022, EPI_ISL_851023, EPI_ISL_851024, EPI_ISL_851025	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, 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_852002	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_852047	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_852190	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_852225	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_852298, EPI_ISL_852354, EPI_ISL_852427, EPI_ISL_852428, EPI_ISL_852437, EPI_ISL_852490	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_852858, EPI_ISL_852859, EPI_ISL_852860	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_852954, EPI_ISL_853011, EPI_ISL_853012, EPI_ISL_853027, EPI_ISL_853028, EPI_ISL_853029	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, Víctor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_854368	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_854446	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 Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_855353	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Pilorge Léa
EPI_ISL_855358	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Griscelli Franck
EPI_ISL_855575, EPI_ISL_855588, EPI_ISL_855589, EPI_ISL_855590	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_856292, EPI_ISL_856302, EPI_ISL_856334, EPI_ISL_856340, EPI_ISL_856362, EPI_ISL_856373, EPI_ISL_856382, EPI_ISL_856387, EPI_ISL_856413, EPI_ISL_856428, EPI_ISL_856461, EPI_ISL_856467, EPI_ISL_856494, EPI_ISL_856591	see above	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_857045, EPI_ISL_857046	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_857054	Platform BIS UZA/UAntwerpen, University Hospital Antwerp, Edegem, Belgium	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken S6.26, Universiteitsplein 1, 2610, Wilrijk, Antwerp, Belgium	Basil Britto Xavier, Jasmine Coppens, Christine Lammens, Veerle Matheussens, Herman Goossens
EPI_ISL_857200	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857759, EPI_ISL_857823	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_858067, EPI_ISL_858068, EPI_ISL_858070, EPI_ISL_858072, EPI_ISL_858073, EPI_ISL_858074, EPI_ISL_858075, EPI_ISL_858076, EPI_ISL_858079, EPI_ISL_858080, EPI_ISL_858081, EPI_ISL_858082, EPI_ISL_858084, EPI_ISL_858088, EPI_ISL_858090, EPI_ISL_858092, EPI_ISL_858093, EPI_ISL_858095,			

[illegible]

[illegible]

EPI_ISL_860252, EPI_ISL_860254 EPI_ISL_860259, EPI_ISL_860277	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860666, EPI_ISL_860667, EPI_ISL_860668, EPI_ISL_860669, EPI_ISL_860670, EPI_ISL_860671, EPI_ISL_860672, EPI_ISL_860673, EPI_ISL_860674, EPI_ISL_860675	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_860788	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Victor M Corman, Julia Schneider, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Barbara Mühlmann, Talitha Veith, Terry Jones, Christian Drosten
EPI_ISL_861099	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_861177, EPI_ISL_861178	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861333	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861536, EPI_ISL_861539, EPI_ISL_861550, EPI_ISL_861557, EPI_ISL_861572, EPI_ISL_861577	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_863534, EPI_ISL_863535, EPI_ISL_863536, EPI_ISL_863538, EPI_ISL_863541, EPI_ISL_863545, EPI_ISL_863548, EPI_ISL_863550, EPI_ISL_863554, EPI_ISL_863559, EPI_ISL_863563, EPI_ISL_863564, EPI_ISL_863568, EPI_ISL_863569, EPI_ISL_863571, EPI_ISL_863573, EPI_ISL_863575, EPI_ISL_863585, EPI_ISL_863596, EPI_ISL_863597, EPI_ISL_863598, EPI_ISL_863602, EPI_ISL_863607, EPI_ISL_863611, EPI_ISL_863613, EPI_ISL_863615, EPI_ISL_863617, EPI_ISL_863620, EPI_ISL_863624, EPI_ISL_863632, EPI_ISL_863634, EPI_ISL_863637, EPI_ISL_863638, EPI_ISL_863642, EPI_ISL_863646, EPI_ISL_863657, EPI_ISL_863660, EPI_ISL_863669, EPI_ISL_863677, EPI_ISL_863678, EPI_ISL_863679, EPI_ISL_863681, EPI_ISL_863696, EPI_ISL_863699, EPI_ISL_863700, EPI_ISL_863705, EPI_ISL_863709, EPI_ISL_863711, EPI_ISL_863723, EPI_ISL_863726, EPI_ISL_863734, EPI_ISL_863741, EPI_ISL_863742, EPI_ISL_863747, EPI_ISL_863761, EPI_ISL_863766, EPI_ISL_863773, EPI_ISL_863776, EPI_ISL_863781, EPI_ISL_863784, EPI_ISL_863785, EPI_ISL_863788, EPI_ISL_863789, EPI_ISL_863792, EPI_ISL_863793, EPI_ISL_863795, EPI_ISL_863796, EPI_ISL_863797, EPI_ISL_863802, EPI_ISL_863804, EPI_ISL_863806, EPI_ISL_863809, EPI_ISL_863810, EPI_ISL_863812, EPI_ISL_863838, EPI_ISL_863842, EPI_ISL_863845, EPI_ISL_863847, EPI_ISL_863848, EPI_ISL_863850, EPI_ISL_863851, EPI_ISL_863858, EPI_ISL_863860, EPI_ISL_863863, EPI_ISL_863865, EPI_ISL_864204, EPI_ISL_864213, EPI_ISL_864216, EPI_ISL_864217, EPI_ISL_864239, EPI_ISL_864255, EPI_ISL_864266, EPI_ISL_864281, EPI_ISL_864291, EPI_ISL_864309, EPI_ISL_864311, EPI_ISL_864317, EPI_ISL_864321, EPI_ISL_864324, EPI_ISL_864356, EPI_ISL_864361, EPI_ISL_864365, EPI_ISL_864383, EPI_ISL_864384, EPI_ISL_864399, EPI_ISL_864402, EPI_ISL_864403, EPI_ISL_864409, EPI_ISL_864411, EPI_ISL_864414, EPI_ISL_864422, EPI_ISL_864440, EPI_ISL_864447, EPI_ISL_864469, EPI_ISL_864472, EPI_ISL_864475, EPI_ISL_864484, EPI_ISL_864493, EPI_ISL_864527, EPI_ISL_864528, EPI_ISL_864534, EPI_ISL_864540, EPI_ISL_864542			
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_864543	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_864748, EPI_ISL_864751, EPI_ISL_864754, EPI_ISL_864755, EPI_ISL_864756, EPI_ISL_864758, EPI_ISL_864762, EPI_ISL_864764, EPI_ISL_864766, EPI_ISL_864768, EPI_ISL_864771, EPI_ISL_864773, EPI_ISL_864774, EPI_ISL_864775, EPI_ISL_864776, EPI_ISL_864777, EPI_ISL_864778, EPI_ISL_864779, EPI_ISL_864780, EPI_ISL_864805, EPI_ISL_864807, EPI_ISL_864809, EPI_ISL_864811, EPI_ISL_864815, EPI_ISL_864819, EPI_ISL_864821, EPI_ISL_864828, EPI_ISL_864829, EPI_ISL_864832, EPI_ISL_864834, EPI_ISL_864838, EPI_ISL_864850, EPI_ISL_864856, EPI_ISL_864875	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_864984, EPI_ISL_864985, EPI_ISL_864986, EPI_ISL_864987, EPI_ISL_864989, EPI_ISL_864990, EPI_ISL_864991, EPI_ISL_864994, EPI_ISL_864996, EPI_ISL_864997, EPI_ISL_865013, EPI_ISL_865046, EPI_ISL_865049	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_865097, EPI_ISL_865104	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_865178, EPI_ISL_865179, EPI_ISL_865183, EPI_ISL_865184, EPI_ISL_865185, EPI_ISL_865187, EPI_ISL_865188, EPI_ISL_865193, EPI_ISL_865196, EPI_ISL_865197, EPI_ISL_865201, EPI_ISL_865202, EPI_ISL_865204, EPI_ISL_865334, EPI_ISL_865335, EPI_ISL_865336, EPI_ISL_865337, EPI_ISL_865385, EPI_ISL_865387, EPI_ISL_865481, EPI_ISL_865482, EPI_ISL_865483			
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 Varnos, Joanne Watts, Mark Whitehead
EPI_ISL_865499, EPI_ISL_865500, EPI_ISL_865571, EPI_ISL_865574, EPI_ISL_865575	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_866076, EPI_ISL_866077, EPI_ISL_866147	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_866188, EPI_ISL_866189, EPI_ISL_866190, EPI_ISL_866192, EPI_ISL_866193	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_866361, EPI_ISL_866370, EPI_ISL_866375, EPI_ISL_866377, EPI_ISL_866380, EPI_ISL_866382, EPI_ISL_866385, EPI_ISL_866386, EPI_ISL_866387, EPI_ISL_866388	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_866534, EPI_ISL_866537, EPI_ISL_866538, EPI_ISL_866539	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_866588, EPI_ISL_866589, EPI_ISL_866590, EPI_ISL_866591, EPI_ISL_866593, EPI_ISL_866594, EPI_ISL_866595, EPI_ISL_866596, EPI_ISL_866597, EPI_ISL_866599, EPI_ISL_866600			
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_867020, EPI_ISL_867022, EPI_ISL_867032, EPI_ISL_867033, EPI_ISL_867034	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joeseeph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_867091, EPI_ISL_867092, EPI_ISL_867099, EPI_ISL_867100, EPI_ISL_867106, EPI_ISL_867107, EPI_ISL_867108, EPI_ISL_867114, EPI_ISL_867118, EPI_ISL_867119, EPI_ISL_867123, EPI_ISL_867127, EPI_ISL_867129, EPI_ISL_867131, EPI_ISL_867132, EPI_ISL_867133, EPI_ISL_867134, EPI_ISL_867137,			

ISL_867138, EPI_ISL_867139, EPI_ISL_867140, EPI_ISL_867141, EPI_ISL_867144, EPI_ISL_867145, EPI_ISL_867147, EPI_ISL_867148, EPI_ISL_867163, EPI_ISL_867164, EPI_ISL_867165, EPI_ISL_867166, EPI_ISL_867167			
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_867186, EPI_ISL_867204, EPI_ISL_867206, EPI_ISL_867207, EPI_ISL_867432	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_867990, EPI_ISL_868001, EPI_ISL_868008, EPI_ISL_868311, EPI_ISL_868312, EPI_ISL_868313, EPI_ISL_868314, EPI_ISL_868315, EPI_ISL_868316, EPI_ISL_868317, EPI_ISL_868319, EPI_ISL_868321, EPI_ISL_868327, EPI_ISL_868346, EPI_ISL_868347, EPI_ISL_868348, EPI_ISL_868349, EPI_ISL_868350, EPI_ISL_868351, EPI_ISL_868352			
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 Glaysheer, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson
EPI_ISL_868357, EPI_ISL_868370, EPI_ISL_868390, EPI_ISL_868406, EPI_ISL_868516, EPI_ISL_868545, EPI_ISL_868572, EPI_ISL_868607, EPI_ISL_868704	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Agyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_871137, EPI_ISL_871148, EPI_ISL_871229, EPI_ISL_871240, EPI_ISL_871336, EPI_ISL_871349, EPI_ISL_871385, EPI_ISL_871397, EPI_ISL_871400, EPI_ISL_871417, EPI_ISL_871418, EPI_ISL_871434, EPI_ISL_871442, EPI_ISL_871453			
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_871880, EPI_ISL_871882, EPI_ISL_871885, EPI_ISL_871887, EPI_ISL_871890, EPI_ISL_871897, EPI_ISL_871903, EPI_ISL_871904, EPI_ISL_871905, EPI_ISL_871906, EPI_ISL_871907			
see above	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Gozalo Margüello, María Eleicer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_872198	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_872236	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_872239	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, Rouah Raquel
EPI_ISL_872291	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_872314	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_874281	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_875517	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 Kopáček, Martina Liková, ubomíra Lukáiková, Martina Nebóhová, Monika Sláivková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_876163	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_876596	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_876631, EPI_ISL_876636, EPI_ISL_876637, EPI_ISL_876638, EPI_ISL_876640	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, 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_877214	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_878440, EPI_ISL_878443, EPI_ISL_878445, EPI_ISL_878448, EPI_ISL_878450, EPI_ISL_878452, EPI_ISL_878457, EPI_ISL_878460, EPI_ISL_878463, EPI_ISL_878465, EPI_ISL_878470, EPI_ISL_878474, EPI_ISL_878477, EPI_ISL_878480, EPI_ISL_878483, EPI_ISL_878485, EPI_ISL_878488, EPI_ISL_878491, EPI_ISL_878492, EPI_ISL_878495, EPI_ISL_878500, EPI_ISL_878576, EPI_ISL_878579, EPI_ISL_878581			
see above	Biolab Diagnostic Laboratories	Andersen lab at Scripps Research	Issa Abu-Dayyeh, Ahmad Tibi, Lama Hussein, Lina Mohammad, Zein Naber, Amid Abdelnour with SEARCH Alliance San Diego
EPI_ISL_882301, EPI_ISL_882302, EPI_ISL_882304, EPI_ISL_882306, EPI_ISL_882310, EPI_ISL_882311, EPI_ISL_882312, EPI_ISL_882313, EPI_ISL_882317, EPI_ISL_882318, EPI_ISL_882322, EPI_ISL_882324, EPI_ISL_882325, EPI_ISL_882326, EPI_ISL_882328, EPI_ISL_882329, EPI_ISL_882331, EPI_ISL_882334, EPI_ISL_882337, EPI_ISL_882338, EPI_ISL_882340, EPI_ISL_882345, EPI_ISL_882346, EPI_ISL_882348, EPI_ISL_882349, EPI_ISL_882350, EPI_ISL_882354, EPI_ISL_882356, EPI_ISL_882358, EPI_ISL_882359, EPI_ISL_882359, EPI_ISL_882362, EPI_ISL_882367, EPI_ISL_882368, EPI_ISL_882369, EPI_ISL_882370, EPI_ISL_882373, EPI_ISL_882374, EPI_ISL_882378, EPI_ISL_882380, EPI_ISL_882381, EPI_ISL_882384, EPI_ISL_882386, EPI_ISL_882389, EPI_ISL_882391, EPI_ISL_882392, EPI_ISL_882394, EPI_ISL_882396, EPI_ISL_882399, EPI_ISL_882400, EPI_ISL_882401, EPI_ISL_882403, EPI_ISL_882408, EPI_ISL_882410, EPI_ISL_882411, EPI_ISL_882414, EPI_ISL_882416, EPI_ISL_882417, EPI_ISL_882422, EPI_ISL_882426, EPI_ISL_882430, EPI_ISL_882431, EPI_ISL_882432, EPI_ISL_882435, EPI_ISL_882436, EPI_ISL_882444, EPI_ISL_882447, EPI_ISL_882450, EPI_ISL_882451, EPI_ISL_882453, EPI_ISL_882454, EPI_ISL_882456, EPI_ISL_882457, EPI_ISL_882458, EPI_ISL_882459, EPI_ISL_882460, EPI_ISL_882461, EPI_ISL_882462, EPI_ISL_882463, EPI_ISL_882464, EPI_ISL_882465, EPI_ISL_882467, EPI_ISL_882468, EPI_ISL_882469, EPI_ISL_882472, EPI_ISL_882474, EPI_ISL_882478, EPI_ISL_882479, EPI_ISL_882483, EPI_ISL_882485, EPI_ISL_882486, EPI_ISL_882487, EPI_ISL_882488, EPI_ISL_882489, EPI_ISL_882490, EPI_ISL_882492, EPI_ISL_882493, EPI_ISL_882495, EPI_ISL_882496, EPI_ISL_882497, EPI_ISL_882498, EPI_ISL_882499, EPI_ISL_882500, EPI_ISL_882501, EPI_ISL_882502, EPI_ISL_882503, EPI_ISL_882504, EPI_ISL_882507, EPI_ISL_882508, EPI_ISL_882509, EPI_ISL_882510, EPI_ISL_882513, EPI_ISL_882515, EPI_ISL_882519, EPI_ISL_882521, EPI_ISL_882522, EPI_ISL_882523, EPI_ISL_882526, EPI_ISL_882527, EPI_ISL_882528, EPI_ISL_882529, EPI_ISL_882531, EPI_ISL_882532, EPI_ISL_882533, EPI_ISL_882535, EPI_ISL_882536, EPI_ISL_882545, EPI_ISL_882546, EPI_ISL_882547, EPI_ISL_882551, EPI_ISL_882552, EPI_ISL_882554, EPI_ISL_882555, EPI_ISL_882557, EPI_ISL_882558, EPI_ISL_882559, EPI_ISL_882560, EPI_ISL_882561, EPI_ISL_882567, EPI_ISL_882569, EPI_ISL_882570, EPI_ISL_882572, EPI_ISL_882573, EPI_ISL_882574, EPI_ISL_882575, EPI_ISL_882578, EPI_ISL_882581, EPI_ISL_882582, EPI_ISL_882583, EPI_ISL_882584, EPI_ISL_882587, EPI_ISL_882592, EPI_ISL_882594, EPI_ISL_882596, EPI_ISL_882597, EPI_ISL_882598, EPI_ISL_882603, EPI_ISL_882604			
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_882612, EPI_ISL_882613, EPI_ISL_882615, EPI_ISL_882616	Hospital Ramón y Cajal	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_882919	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882920	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882944	The National Institute of Public Health	State Veterinary Institute Prague	Nagy,A;Jirincova,H;Vecerova,J;Trnka,D
EPI_ISL_883286, EPI_ISL_883287	SIESP DIPARTIMENTO DI PREVENZIONE CHIE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883288, EPI_ISL_883289	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883290	SIESP CHIETI-DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G

EPI_ISL_883291	RP Guardiagrele-Ospedale di Comunità	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883292	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883293	SIESP CHIETI-DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883294, EPI_ISL_883295	RP Guardiagrele-Ospedale di Comunità	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883296	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883297	RP Guardiagrele-Ospedale di Comunità	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883298, EPI_ISL_883299	SIESP DIPARTIMENTO DI PREVENZIONE CHIE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883300	SIESP CHIETI-DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883301, EPI_ISL_883302	RP Guardiagrele-Ospedale di Comunità	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883303, EPI_ISL_883304, EPI_ISL_883305	SIESP DIPARTIMENTO DI PREVENZIONE CHIE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883427	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_892059, EPI_ISL_892060, EPI_ISL_892062, EPI_ISL_892063, EPI_ISL_892065, EPI_ISL_892066, EPI_ISL_892207, EPI_ISL_892208, EPI_ISL_892209	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_892210, EPI_ISL_892211	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_894174, EPI_ISL_894176, EPI_ISL_894179, EPI_ISL_894180, EPI_ISL_894183, EPI_ISL_894185, EPI_ISL_894187, EPI_ISL_894192, EPI_ISL_894193, EPI_ISL_894196	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_894219	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 Verf,Guigon Aurélie
EPI_ISL_896071, EPI_ISL_896073	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend,Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896074, EPI_ISL_896075, EPI_ISL_896076	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896077	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend,Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896078	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896079, EPI_ISL_896080, EPI_ISL_896081, EPI_ISL_896082, EPI_ISL_896083	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend,Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896089	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_896091	Kantonsspital Aarau, Institut für Labormedizin	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Michael Oberle, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896096, EPI_ISL_896097	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend,Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896098	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_896106	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend,Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896110	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_900511	Oriade	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Sylvie Larrat, Laurence Josset
EPI_ISL_900518	Bioesterel	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Sylvie Larrat, Laurence Josset
EPI_ISL_900519	Bioesterel	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Géraldine Gonfrier, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Valérie Giordanengo, Laurence Josset
EPI_ISL_900522	Novabio	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Sylvie Larrat, Laurence Josset
EPI_ISL_900524	Labosud	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_903363	Arizona State University	Arizona State University	Emily A. Kaelin, LaRinda A. Holland, Peter T. Skidmore, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Valerie Harris, Joshua LaBaer, Vel Murugan, Efreml S. Lim
EPI_ISL_904143, EPI_ISL_904200, EPI_ISL_904201, EPI_ISL_904219, EPI_ISL_904220, EPI_ISL_904268, EPI_ISL_904269, EPI_ISL_904270	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijsen, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annetiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.

EPI_ISL_904631	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori	
EPI_ISL_905005, EPI_ISL_905022, EPI_ISL_905190, EPI_ISL_905376, EPI_ISL_905388, EPI_ISL_905405, EPI_ISL_905407, EPI_ISL_905419, EPI_ISL_905424, EPI_ISL_905441, EPI_ISL_905456, EPI_ISL_905488, EPI_ISL_905501, EPI_ISL_905513, EPI_ISL_905661, EPI_ISL_905718	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_906098	Shimantik Pathology and Diagnostic Center	Child Health Research Foundation	Senjuti Saha, Arif Mohammad Tanmoy, Syed Muktadir Al Sium, Afroza Akter Tanni, Sharmistha Goswami, Roly Malaker, Md Hafizur Rahman, Md. Parvej Alam, Md. Mobarok Karim, Samir K Saha	
EPI_ISL_906831	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_910631, EPI_ISL_910895, EPI_ISL_910903	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_911292, EPI_ISL_911302, EPI_ISL_911311, EPI_ISL_911321, EPI_ISL_911329, EPI_ISL_911346	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium	
EPI_ISL_911531	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_912170	Tempus	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_912185	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_912406, EPI_ISL_912410, EPI_ISL_912418, EPI_ISL_912420, EPI_ISL_912421, EPI_ISL_912422	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_912650, EPI_ISL_912669, EPI_ISL_912680	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_913035	Hospital San Pedro de Alcántara	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballós, A. Monzón, S. Varona, S. Cuesta, I. Rodríguez, G.	
EPI_ISL_913256, EPI_ISL_913257	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_913263	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_913268	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_913275, EPI_ISL_913459	Dynamic Code AB	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_918434, EPI_ISL_918436, EPI_ISL_918437, EPI_ISL_918438, EPI_ISL_918439, EPI_ISL_918442	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_918723, EPI_ISL_918724, EPI_ISL_918725, EPI_ISL_918726, EPI_ISL_918736, EPI_ISL_918737, EPI_ISL_918738, EPI_ISL_918739, EPI_ISL_918741, EPI_ISL_918742, EPI_ISL_918743, EPI_ISL_918744, EPI_ISL_918745, EPI_ISL_918746, EPI_ISL_918902, EPI_ISL_918903, EPI_ISL_918904, EPI_ISL_918905, EPI_ISL_918910, EPI_ISL_918911	see above	University of Birmingham	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_919454, EPI_ISL_919455, EPI_ISL_919459, EPI_ISL_919460	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannd 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_919798, EPI_ISL_919799, EPI_ISL_919800, EPI_ISL_919801, EPI_ISL_919802, EPI_ISL_919803, EPI_ISL_919805, EPI_ISL_919806, EPI_ISL_919807, EPI_ISL_919808, EPI_ISL_919809, EPI_ISL_919810, EPI_ISL_919811, EPI_ISL_919812, EPI_ISL_919813, EPI_ISL_919814, EPI_ISL_919815, EPI_ISL_919816, EPI_ISL_919817, EPI_ISL_919818, EPI_ISL_919820, EPI_ISL_919821, EPI_ISL_919822, EPI_ISL_919823, EPI_ISL_919824, EPI_ISL_919825, EPI_ISL_919826, EPI_ISL_919827, EPI_ISL_919828, EPI_ISL_919829, EPI_ISL_919830, EPI_ISL_919831, EPI_ISL_919832, EPI_ISL_919838, EPI_ISL_919843, EPI_ISL_919844, EPI_ISL_919845	see above	Barts Health NHS Trust	CUTINO-MOGUEL, Maria-Teresa; HARRINGTON, David; OWOYEMI, Dola; KULASEGARAN-SHYLINI, Raghavendran; BROAD, Claire; KELE, Beatrix	
EPI_ISL_919962, EPI_ISL_919963, EPI_ISL_919965, EPI_ISL_919967, EPI_ISL_919969, EPI_ISL_919970, EPI_ISL_919971, EPI_ISL_919972, EPI_ISL_919973, EPI_ISL_919975, EPI_ISL_919976, EPI_ISL_919977, EPI_ISL_919978, EPI_ISL_919979, EPI_ISL_919980, EPI_ISL_919982, EPI_ISL_919983, EPI_ISL_919984, EPI_ISL_919985, EPI_ISL_919986, EPI_ISL_919987, EPI_ISL_919988, EPI_ISL_919989, EPI_ISL_919990, EPI_ISL_919991, EPI_ISL_919992, EPI_ISL_919993, EPI_ISL_919996, EPI_ISL_919998, EPI_ISL_920040, EPI_ISL_920046, EPI_ISL_920047	see above	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_920288, EPI_ISL_920711	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_920839, EPI_ISL_920848, EPI_ISL_920849, EPI_ISL_920850, EPI_ISL_920856	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_920980, EPI_ISL_921019, EPI_ISL_921021, EPI_ISL_921023, EPI_ISL_921024, EPI_ISL_921026, EPI_ISL_921040, EPI_ISL_921054, EPI_ISL_921055, EPI_ISL_921056, EPI_ISL_921092, EPI_ISL_921098, EPI_ISL_921106, EPI_ISL_921109, EPI_ISL_921110, EPI_ISL_921111, EPI_ISL_921114, EPI_ISL_921116, EPI_ISL_921126, EPI_ISL_921129, EPI_ISL_921131, EPI_ISL_921134	see above	Regional Virus Laboratory, Belfast Health and Social Care Trust	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley	
EPI_ISL_921243, EPI_ISL_921244, EPI_ISL_921245, EPI_ISL_921246, EPI_ISL_921277, EPI_ISL_921279, EPI_ISL_921287, EPI_ISL_921289, EPI_ISL_921292, EPI_ISL_921293, EPI_ISL_921296, EPI_ISL_921304, EPI_ISL_921306, EPI_ISL_921307, EPI_ISL_921308, EPI_ISL_921310, EPI_ISL_921312, EPI_ISL_921407, EPI_ISL_921409, EPI_ISL_921410, EPI_ISL_921412, EPI_ISL_921413, EPI_ISL_921419, EPI_ISL_921430, EPI_ISL_921434, EPI_ISL_921435, EPI_ISL_921436, EPI_ISL_921437, EPI_ISL_921438, EPI_ISL_921439, EPI_ISL_921442, EPI_ISL_921443, EPI_ISL_921444, EPI_ISL_921445, EPI_ISL_921446, EPI_ISL_921450, EPI_ISL_921451, EPI_ISL_921456, EPI_ISL_921457, EPI_ISL_921460, EPI_ISL_921461	see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS	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	

Foundation Trust / Newcastle Hospitals NHS Foundation Trust			
EPI_ISL_922041, EPI_ISL_922047, EPI_ISL_922048, EPI_ISL_922049, EPI_ISL_922050, EPI_ISL_922051	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_922175, EPI_ISL_922177, EPI_ISL_922178, EPI_ISL_922180, EPI_ISL_922182, EPI_ISL_922183, EPI_ISL_922184, EPI_ISL_922185, EPI_ISL_922192, EPI_ISL_922242, EPI_ISL_922246, EPI_ISL_922249, EPI_ISL_922255, EPI_ISL_922283, EPI_ISL_922285, EPI_ISL_922286, EPI_ISL_922304, EPI_ISL_922308, EPI_ISL_922309, EPI_ISL_922311, EPI_ISL_922317, EPI_ISL_922321, EPI_ISL_922323, EPI_ISL_922324, EPI_ISL_922325, EPI_ISL_922326, EPI_ISL_922327, EPI_ISL_922329, EPI_ISL_922330, EPI_ISL_922334, EPI_ISL_922336, EPI_ISL_922339, EPI_ISL_922340, EPI_ISL_922342, EPI_ISL_922345	Oxford Viroemics, 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
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_923256, EPI_ISL_923257, EPI_ISL_923379, EPI_ISL_923443, EPI_ISL_923577, EPI_ISL_923580, EPI_ISL_923663	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_924585, EPI_ISL_924586, EPI_ISL_924587, EPI_ISL_924589, EPI_ISL_924590, EPI_ISL_924594, EPI_ISL_924595, EPI_ISL_924596, EPI_ISL_924597, EPI_ISL_924600, EPI_ISL_924601, EPI_ISL_924604, EPI_ISL_924622, EPI_ISL_924623, EPI_ISL_924625, EPI_ISL_924627, EPI_ISL_924629, EPI_ISL_924630, EPI_ISL_924631, EPI_ISL_924632, EPI_ISL_924633, EPI_ISL_924634, EPI_ISL_924636, EPI_ISL_924637, EPI_ISL_924638, EPI_ISL_924640, EPI_ISL_924641, EPI_ISL_924645, EPI_ISL_924646, EPI_ISL_924647, EPI_ISL_924648, EPI_ISL_924649, EPI_ISL_924650, EPI_ISL_924651, EPI_ISL_924735, EPI_ISL_924738, EPI_ISL_924745, EPI_ISL_924763, EPI_ISL_924768, EPI_ISL_924778, EPI_ISL_924893, EPI_ISL_924894, EPI_ISL_924900, EPI_ISL_924906	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_925933, EPI_ISL_926632, EPI_ISL_926791, EPI_ISL_927668, EPI_ISL_927830, EPI_ISL_927878, EPI_ISL_928983, EPI_ISL_929677, EPI_ISL_930173	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_933425	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_934366	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_934627, EPI_ISL_934628, EPI_ISL_934629, EPI_ISL_934630, EPI_ISL_934631	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_935157	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_935158	SIESP CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_941626, EPI_ISL_941627, EPI_ISL_941628, EPI_ISL_941629	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_941926	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_943328, EPI_ISL_943437, EPI_ISL_943465, EPI_ISL_943478	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_944197, EPI_ISL_944205, EPI_ISL_944208, EPI_ISL_944213, EPI_ISL_944234, EPI_ISL_944235, EPI_ISL_944241, EPI_ISL_944246, EPI_ISL_944276, EPI_ISL_944277, EPI_ISL_944278, EPI_ISL_944279, EPI_ISL_944280, EPI_ISL_944281, EPI_ISL_944282, EPI_ISL_944283, EPI_ISL_944284, EPI_ISL_944285, EPI_ISL_944286, EPI_ISL_944287, EPI_ISL_944288, EPI_ISL_944289, EPI_ISL_944290, EPI_ISL_944291, EPI_ISL_944292, EPI_ISL_944293, EPI_ISL_944294, EPI_ISL_944295, EPI_ISL_944296, EPI_ISL_944297, EPI_ISL_944298, EPI_ISL_944299, EPI_ISL_944300, EPI_ISL_944301, EPI_ISL_944302, EPI_ISL_944303, EPI_ISL_944304, EPI_ISL_944305, EPI_ISL_944306, EPI_ISL_944307, EPI_ISL_944308, EPI_ISL_944309, EPI_ISL_944310, EPI_ISL_944311, EPI_ISL_944312, EPI_ISL_944313, EPI_ISL_944314, EPI_ISL_944315, EPI_ISL_944316, EPI_ISL_944317, EPI_ISL_944318, EPI_ISL_944319, EPI_ISL_944320, EPI_ISL_944321, EPI_ISL_944379	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
see above	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIPI), University of Ghana	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIPI), University of Ghana	Moranga,C.M., Ngoi,J.M., Quansah,E.B., Saiid,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_944673, EPI_ISL_944677, EPI_ISL_944691, EPI_ISL_944696, EPI_ISL_944710, EPI_ISL_944712, EPI_ISL_944713, EPI_ISL_944719, EPI_ISL_944727	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_945050, EPI_ISL_945055, EPI_ISL_945057, EPI_ISL_945058, EPI_ISL_945059, EPI_ISL_945060, EPI_ISL_945062, EPI_ISL_945064, EPI_ISL_945066, EPI_ISL_945069	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_945070	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_945071, EPI_ISL_945074, EPI_ISL_945075, EPI_ISL_945077, EPI_ISL_945081, EPI_ISL_945082, EPI_ISL_945087, EPI_ISL_945090, EPI_ISL_945091, EPI_ISL_945092, EPI_ISL_945094, EPI_ISL_945096, EPI_ISL_945097, EPI_ISL_945101, EPI_ISL_945104, EPI_ISL_945105	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
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945106	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_945108, EPI_ISL_945110, EPI_ISL_945118, EPI_ISL_945120, EPI_ISL_945121, EPI_ISL_945124, EPI_ISL_945127, EPI_ISL_945128, EPI_ISL_945129, EPI_ISL_945132, EPI_ISL_945133, EPI_ISL_945134, EPI_ISL_945137, EPI_ISL_945141	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
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_945148	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_945149, EPI_ISL_945150, EPI_ISL_945151, EPI_ISL_945153, EPI_ISL_945154, EPI_ISL_945156, EPI_ISL_945158, EPI_ISL_945159, EPI_ISL_945161	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_945162	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_945164, EPI_ISL_945165, EPI_ISL_945167, EPI_ISL_945168, EPI_ISL_945172, EPI_ISL_945174, EPI_ISL_945175, EPI_ISL_945178, EPI_ISL_945179	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_945180	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_945183, EPI_ISL_945185, EPI_ISL_945187, EPI_ISL_945189, EPI_ISL_945193, EPI_ISL_945196, EPI_ISL_945198, EPI_ISL_945200, EPI_ISL_945205, EPI_ISL_945206, EPI_ISL_945210, EPI_ISL_945211, EPI_ISL_945213, EPI_ISL_945214, EPI_ISL_945215, EPI_ISL_945216, EPI_ISL_945218, EPI_ISL_945219, EPI_ISL_945220, EPI_ISL_945225, EPI_ISL_945227, EPI_ISL_945228, EPI_ISL_945229, EPI_ISL_945230, EPI_ISL_945233, EPI_ISL_945242, EPI_ISL_945245, EPI_ISL_945246, EPI_ISL_945253	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
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_945257	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_945259, EPI_ISL_945260, EPI_ISL_945262, EPI_ISL_945263, EPI_ISL_945264, EPI_ISL_945265, EPI_ISL_945266, EPI_ISL_945267, EPI_ISL_945272, EPI_ISL_945276, EPI_ISL_945278, EPI_ISL_945280, EPI_ISL_945281, EPI_ISL_945283, EPI_ISL_945284, EPI_ISL_945286, EPI_ISL_945287, EPI_ISL_945290, EPI_ISL_945291, EPI_ISL_945294, EPI_ISL_945295, EPI_ISL_945296, EPI_ISL_945298, EPI_ISL_945300, EPI_ISL_945302, EPI_ISL_945308, EPI_ISL_945312, EPI_ISL_945313, EPI_ISL_945314, EPI_ISL_945317, EPI_ISL_945318, EPI_ISL_945326, EPI_ISL_945327, EPI_ISL_945328, EPI_ISL_945329, EPI_ISL_945330, EPI_ISL_945331, EPI_ISL_945333, EPI_ISL_945336, EPI_ISL_945344, EPI_ISL_945349, EPI_ISL_945353, EPI_ISL_945354, EPI_ISL_945355, EPI_ISL_945359, EPI_ISL_945362, EPI_ISL_945368, EPI_ISL_945369, EPI_ISL_945370, EPI_ISL_945371, EPI_ISL_945372, EPI_ISL_945373	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
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_949406	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_949748, EPI_ISL_949755, EPI_ISL_949767, EPI_ISL_949784	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_950048, EPI_ISL_950078, EPI_ISL_950081, EPI_ISL_950082, EPI_ISL_950086, EPI_ISL_950089, EPI_ISL_950094, EPI_ISL_950099, EPI_ISL_950111, EPI_ISL_950127, EPI_ISL_950130, EPI_ISL_950133, EPI_ISL_950134, EPI_ISL_950135, EPI_ISL_950146, EPI_ISL_950148, EPI_ISL_950151, EPI_ISL_950153, EPI_ISL_950165	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutili, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_950254, EPI_ISL_950257, EPI_ISL_950259, EPI_ISL_950260, EPI_ISL_950261, EPI_ISL_950262, EPI_ISL_950264, EPI_ISL_950266, EPI_ISL_950269, EPI_ISL_950460, EPI_ISL_950461, EPI_ISL_950462, EPI_ISL_950463, EPI_ISL_950464, EPI_ISL_950465, EPI_ISL_950466, EPI_ISL_950467, EPI_ISL_950468, EPI_ISL_950469, EPI_ISL_950470, EPI_ISL_950473, EPI_ISL_950474, EPI_ISL_950475, EPI_ISL_950476, EPI_ISL_950477, EPI_ISL_950478, EPI_ISL_950479, EPI_ISL_950480, EPI_ISL_950481, EPI_ISL_950482, EPI_ISL_950483, EPI_ISL_950484, EPI_ISL_950485, EPI_ISL_950486, EPI_ISL_950487, EPI_ISL_950488, EPI_ISL_950489, EPI_ISL_950490, EPI_ISL_950492	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, Yusra Taha, Gary Eltringham
EPI_ISL_950582	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_951068, EPI_ISL_951069, EPI_ISL_951070, EPI_ISL_951073, EPI_ISL_951074, EPI_ISL_951075, EPI_ISL_951077, EPI_ISL_951082, EPI_ISL_951084, EPI_ISL_951085, EPI_ISL_951087, EPI_ISL_951088, EPI_ISL_951090, EPI_ISL_951093, EPI_ISL_951102, EPI_ISL_951104, EPI_ISL_951105, EPI_ISL_951109, EPI_ISL_951110, EPI_ISL_951111, EPI_ISL_951112, EPI_ISL_951114, EPI_ISL_951115, EPI_ISL_951116, EPI_ISL_951117, EPI_ISL_951118, EPI_ISL_951120, EPI_ISL_951122, EPI_ISL_951125, EPI_ISL_951126, EPI_ISL_951131, EPI_ISL_951132, EPI_ISL_951134, EPI_ISL_951136, EPI_ISL_951137, EPI_ISL_951138, EPI_ISL_951139, EPI_ISL_951141, EPI_ISL_951143, EPI_ISL_951144, EPI_ISL_951145, EPI_ISL_951147, EPI_ISL_951149, EPI_ISL_951152, EPI_ISL_951153, EPI_ISL_951154, EPI_ISL_951155, EPI_ISL_951159, EPI_ISL_951160, EPI_ISL_951162, EPI_ISL_951172, EPI_ISL_951173, EPI_ISL_951175, EPI_ISL_951176, EPI_ISL_951178, EPI_ISL_951181, EPI_ISL_951182, EPI_ISL_951183, EPI_ISL_951184, EPI_ISL_951185, EPI_ISL_951186, EPI_ISL_951187, EPI_ISL_951188, EPI_ISL_951189, EPI_ISL_951191, EPI_ISL_951192, EPI_ISL_951204, EPI_ISL_951206, EPI_ISL_951207, EPI_ISL_951211, EPI_ISL_951213, EPI_ISL_951214, EPI_ISL_951223, EPI_ISL_951228, EPI_ISL_951229, EPI_ISL_951230, EPI_ISL_951319, EPI_ISL_951320, EPI_ISL_951323, EPI_ISL_951328, EPI_ISL_951333, EPI_ISL_951334, EPI_ISL_951335, EPI_ISL_951336, EPI_ISL_951338, EPI_ISL_951339, EPI_ISL_951340, EPI_ISL_951381, EPI_ISL_951382, EPI_ISL_951384, EPI_ISL_951386, EPI_ISL_951397, EPI_ISL_951398	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_952407, EPI_ISL_952420, EPI_ISL_952423, EPI_ISL_952785, EPI_ISL_952813, EPI_ISL_952814, EPI_ISL_952815	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_953174, EPI_ISL_953178, EPI_ISL_953179, EPI_ISL_953184, EPI_ISL_953186, EPI_ISL_953188, EPI_ISL_953189, EPI_ISL_953190, EPI_ISL_953191, EPI_ISL_953192, EPI_ISL_953195, EPI_ISL_953197, EPI_ISL_953198, EPI_ISL_953200, EPI_ISL_953201, EPI_ISL_953202, EPI_ISL_953203, EPI_ISL_953204, EPI_ISL_953206, EPI_ISL_953208, EPI_ISL_953209, EPI_ISL_953211, EPI_ISL_953212, EPI_ISL_953213, EPI_ISL_953215, EPI_ISL_953218, EPI_ISL_953220, EPI_ISL_953221, EPI_ISL_953223, EPI_ISL_953224, EPI_ISL_953225, EPI_ISL_953227, EPI_ISL_953228, EPI_ISL_953229, EPI_ISL_953235, EPI_ISL_953237, EPI_ISL_953242, EPI_ISL_953260, EPI_ISL_953273, EPI_ISL_953278	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_955231, EPI_ISL_955232, EPI_ISL_955258, EPI_ISL_955259, EPI_ISL_955260	BioReference Lab	NJ Public Health and Environmental Laboratories	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_955271	American Esoteric 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_955905	Pamela Youde Nethersole Eastern Hospital	Hong Kong Department of Health	Alan K.L. Tsang, Peter C.W. Yip, Edman T.K. Lam, Rickjason C.W. Chan, Dominic N.C. Tsang
EPI_ISL_958564, EPI_ISL_958565	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_959369	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_960459, EPI_ISL_960462, EPI_ISL_960465	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_961223, EPI_ISL_961230	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martín, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_962895	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_963106, EPI_ISL_963980, EPI_ISL_964107, EPI_ISL_964219	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_964949	Laboratorio de Virologia del HUCA	Laboratorio de Virologia del HUCA	Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Sandoval M, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_965029	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Sandoval M, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_965033	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Sandoval M, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_971885, EPI_ISL_972662, EPI_ISL_973578	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_977653	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_977659	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences, Building 36, First Floor Biochemistry Unit, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Avery Hinds, Kenneth 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_978947	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences, Building 36, First Floor Biochemistry Unit, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Avery Hinds, John Lee, 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_979456	University of Iowa Hospitals and Clinics	State Hygienic Laboratory at the University of Iowa	Valerie Reeb, Wes Hottel, Alankar Kampoowale
EPI_ISL_981946, EPI_ISL_981953	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_983078	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_985102	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, Olubusuyi M. Adewumi, Egon A. Ozer
EPI_ISL_985788	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_986354	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_993916	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_993955, EPI_ISL_993991, EPI_ISL_994034, EPI_ISL_994056	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 (http://www.sanger.ac.uk/covid-team)
EPI_ISL_994652	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_996433, EPI_ISL_996434, EPI_ISL_996437, EPI_ISL_996438, EPI_ISL_996454	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_996482, EPI_ISL_996484, EPI_ISL_996486, EPI_ISL_996487, EPI_ISL_996488, EPI_ISL_996489, EPI_ISL_996491, EPI_ISL_996500, EPI_ISL_996501, EPI_ISL_996502, EPI_ISL_996503, EPI_ISL_996508, EPI_ISL_996511, EPI_ISL_996570			
see above	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
EPI_ISL_997614	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutili, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randall, James Price, Alison Holmes, Judith Breuer
EPI_ISL_998368, EPI_ISL_998737, EPI_ISL_998738, EPI_ISL_998739, EPI_ISL_998743, EPI_ISL_998744, EPI_ISL_998745, EPI_ISL_998746, EPI_ISL_998747, EPI_ISL_998750, EPI_ISL_998751, EPI_ISL_998754, EPI_ISL_998755, EPI_ISL_998758, EPI_ISL_998760, EPI_ISL_998763, EPI_ISL_998765, EPI_ISL_998766, EPI_ISL_998770, EPI_ISL_998771			
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_998986, EPI_ISL_998987, EPI_ISL_998988, EPI_ISL_998992, EPI_ISL_998996, EPI_ISL_998998, EPI_ISL_999001, EPI_ISL_999002, EPI_ISL_999004, EPI_ISL_999005, EPI_ISL_999006, EPI_ISL_999007, EPI_ISL_999009, EPI_ISL_999010, EPI_ISL_999013, EPI_ISL_999014, EPI_ISL_999018, EPI_ISL_999019, EPI_ISL_999020, EPI_ISL_999021, EPI_ISL_999023, EPI_ISL_999024, EPI_ISL_999025, EPI_ISL_999029, EPI_ISL_999031, EPI_ISL_999055, EPI_ISL_999213, EPI_ISL_999216, EPI_ISL_999348, EPI_ISL_999349, EPI_ISL_999350, EPI_ISL_999351, EPI_ISL_999352, EPI_ISL_999355, EPI_ISL_999356, EPI_ISL_999360, EPI_ISL_999386, EPI_ISL_999465, EPI_ISL_999466, EPI_ISL_999470, EPI_ISL_999509			
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