

We gratefully acknowledge the following Authors from the Originating laboratories responsible for obtaining the specimens, as well as the Submitting laboratories where the genome data were generated and shared via GISAID, on which this research is based.

All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

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EPI_ISL_1019584, EPI_ISL_1019585, EPI_ISL_1019816, EPI_ISL_1019817, EPI_ISL_1019821, EPI_ISL_1019822, EPI_ISL_1019824, EPI_ISL_1019826, EPI_ISL_1019827, EPI_ISL_1019829, EPI_ISL_1019831, EPI_ISL_1019832, EPI_ISL_1019834, EPI_ISL_1019837, EPI_ISL_1019839, EPI_ISL_1019844, EPI_ISL_1019845, EPI_ISL_1019852, EPI_ISL_1019856, EPI_ISL_1019857, EPI_ISL_1019859, EPI_ISL_1019860, EPI_ISL_1019862, EPI_ISL_1019864, EPI_ISL_1019865, EPI_ISL_1019867, EPI_ISL_1019868, EPI_ISL_1019870, EPI_ISL_1019871, EPI_ISL_1019874, EPI_ISL_1019876, EPI_ISL_1019879, EPI_ISL_1019884, EPI_ISL_1019886, EPI_ISL_1019887, EPI_ISL_1019889, EPI_ISL_1019891, EPI_ISL_1019892, EPI_ISL_1019894, EPI_ISL_1019895, EPI_ISL_1019896, EPI_ISL_1019898, EPI_ISL_1019899, EPI_ISL_1019900, EPI_ISL_1019902, EPI_ISL_1019903, EPI_ISL_1019904, EPI_ISL_1019905, EPI_ISL_1019907, EPI_ISL_1019909, EPI_ISL_1019910, EPI_ISL_1019911, EPI_ISL_1019912, EPI_ISL_1019913, EPI_ISL_1019914, EPI_ISL_1019915, EPI_ISL_1019916, EPI_ISL_1019917, EPI_ISL_1019919, EPI_ISL_1019923, EPI_ISL_1019924, EPI_ISL_1019925, EPI_ISL_1019927, EPI_ISL_1019928, EPI_ISL_1019929, EPI_ISL_1019930, EPI_ISL_1019931, EPI_ISL_1019932, EPI_ISL_1019933, EPI_ISL_1019935, EPI_ISL_1019936, EPI_ISL_1019939, EPI_ISL_1019940, EPI_ISL_1019942, EPI_ISL_1019943, EPI_ISL_1019944, EPI_ISL_1019945, EPI_ISL_1019946, EPI_ISL_1019947, EPI_ISL_1019948, EPI_ISL_1019949, EPI_ISL_1019951, EPI_ISL_1019952, EPI_ISL_1019953, EPI_ISL_1019955, EPI_ISL_1019956, EPI_ISL_1019957, EPI_ISL_1019958, EPI_ISL_1019959, EPI_ISL_1019960, EPI_ISL_1019961, EPI_ISL_1019962, EPI_ISL_1019963, EPI_ISL_1019964, EPI_ISL_1019968, EPI_ISL_1019969, EPI_ISL_1019970, EPI_ISL_1019972, EPI_ISL_1019973, EPI_ISL_1019974, EPI_ISL_1019975, EPI_ISL_1019976, EPI_ISL_1019977, EPI_ISL_1019978, EPI_ISL_1019980, EPI_ISL_1019981, EPI_ISL_1019983, EPI_ISL_1019984, EPI_ISL_1019985, EPI_ISL_1019986, EPI_ISL_1019987, EPI_ISL_1019988, EPI_ISL_1019989, EPI_ISL_1019990, EPI_ISL_1019991, EPI_ISL_1019992, EPI_ISL_1019994, EPI_ISL_1019995, EPI_ISL_1019996, EPI_ISL_1019997, EPI_ISL_1019998, EPI_ISL_1019999, EPI_ISL_1020000, EPI_ISL_1020002, EPI_ISL_1020003, EPI_ISL_1020004, EPI_ISL_1020006, EPI_ISL_1020007, EPI_ISL_1020008, EPI_ISL_1020009, EPI_ISL_1020010, EPI_ISL_1020011, EPI_ISL_1020012, EPI_ISL_1020013, EPI_ISL_1020015	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
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EPI_ISL_1048863, EPI_ISL_1048864, EPI_ISL_1048865, EPI_ISL_1048866, EPI_ISL_1048867, EPI_ISL_1048872, EPI_ISL_1048874, EPI_ISL_1048878, EPI_ISL_1048886, EPI_ISL_1048887, EPI_ISL_1048902, EPI_ISL_1048903, EPI_ISL_1048904, EPI_ISL_1048905, EPI_ISL_1048907, EPI_ISL_1049072, EPI_ISL_1049076, EPI_ISL_1049083, EPI_ISL_1049084, EPI_ISL_1049085, EPI_ISL_1048928, EPI_ISL_1048952, EPI_ISL_1048963, EPI_ISL_1048965, EPI_ISL_1049030, EPI_ISL_1049037, EPI_ISL_1049038, EPI_ISL_1049039, EPI_ISL_1049049, EPI_ISL_1049050, EPI_ISL_1049051, EPI_ISL_1049052, EPI_ISL_1049072, EPI_ISL_1049076, EPI_ISL_1049083, EPI_ISL_1049084, EPI_ISL_1049085,			

EPI_ISL_1049101, EPI_ISL_1049103			
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EPI_ISL_1049211	Blackhawk Genomics	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049484	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1049691	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kreshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1050221	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_1050239	Lighthouse Lab in Glasgow / 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; Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak; Alasdair MacLean, Rory Gunson; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Sharif Shaaban, Matthew Holden; Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1050358, EPI_ISL_1050361, EPI_ISL_1050400	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_1050941, EPI_ISL_1050944, EPI_ISL_1050945, EPI_ISL_1050946, EPI_ISL_1050962, EPI_ISL_1050963, EPI_ISL_1050964, EPI_ISL_1050965, EPI_ISL_1050966, EPI_ISL_1050969, EPI_ISL_1050970, EPI_ISL_1050974, EPI_ISL_1050990			
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_1051428, EPI_ISL_1051443, EPI_ISL_1051445, EPI_ISL_1051451, EPI_ISL_1051455, EPI_ISL_1051467, EPI_ISL_1051471, EPI_ISL_1051482, EPI_ISL_1051488	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_1051830, EPI_ISL_1051834, EPI_ISL_1051837, EPI_ISL_1051859, EPI_ISL_1051863, EPI_ISL_1051864, EPI_ISL_1051865, EPI_ISL_1051866, EPI_ISL_1051867, EPI_ISL_1051868, EPI_ISL_1051869, EPI_ISL_1051872, EPI_ISL_1051879, EPI_ISL_1051888, EPI_ISL_1051889			
see above	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
EPI_ISL_1052497	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 Kunziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1053820, EPI_ISL_1053822, EPI_ISL_1053824, EPI_ISL_1053861, EPI_ISL_1053862, EPI_ISL_1053863, EPI_ISL_1053864, EPI_ISL_1053865, EPI_ISL_1053866, EPI_ISL_1053867, EPI_ISL_1053868, EPI_ISL_1053869, EPI_ISL_1053870, EPI_ISL_1053871, EPI_ISL_1053872, EPI_ISL_1053873, EPI_ISL_1053874, EPI_ISL_1053875, EPI_ISL_1053876			
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 Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1054625, EPI_ISL_1054681	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_1054710, EPI_ISL_1054713, EPI_ISL_1054714, EPI_ISL_1054719, EPI_ISL_1054720, EPI_ISL_1054723, EPI_ISL_1054729, EPI_ISL_1054793, EPI_ISL_1054822	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_1055110	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_1055754	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Microbiology Department, Complejo Hospitalario Universitario de Vigo (CHUVI).
EPI_ISL_1055761, EPI_ISL_1055762, EPI_ISL_1055764	Vithas Lab. Hospital Vithas Vigo	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Microbiology Department, Complejo Hospitalario Universitario de Vigo (CHUVI). Vithas Lab, Hospital Vithas Vigo
EPI_ISL_1056994	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_1059951	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Sandonis, V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballo, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059958, EPI_ISL_1059961	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonis, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballo, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059969	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Sandonis, V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballo, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1060256	Laboratorio Echevarne S.A.	SeqCOVID-SPAIN consortium/IBV(CSIC)	Raúl Santamaría Merino, Beatriz Fernández Forner and SeqCOVID-SPAIN consortium
EPI_ISL_1065303, EPI_ISL_1065688, EPI_ISL_1065908, EPI_ISL_1066188, EPI_ISL_1066685, EPI_ISL_1067413	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1069731	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1073137	Nigeria Centre For Disease Control	National reference Laboratory, NCDC, Gaduwa, Abuja	Dr Ndodo Nnaemeka, Olusola Anuoluwapo Akanbi, Chimaobi Chukwu, Dr Omoare Adesuyi, Esebanmen Grace, Anthony Ahumibe, Naidoo Dhamari, Chinwe Ochu, Nwando Mba, Dr Chikwe Ihekweazu
EPI_ISL_1073221, EPI_ISL_1073300, EPI_ISL_1073301, EPI_ISL_1073302, EPI_ISL_1073319, EPI_ISL_1073320, EPI_ISL_1073321, EPI_ISL_1073322, EPI_ISL_1073323, EPI_ISL_1073324, EPI_ISL_1073325, EPI_ISL_1073326, EPI_ISL_1073327, EPI_ISL_1073328, EPI_ISL_1073329, EPI_ISL_1073330, EPI_ISL_1073331,			

EPI_ISL_1073390, EPI_ISL_1073434			
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_1073831, EPI_ISL_1073837, EPI_ISL_1073842, EPI_ISL_1073867	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1078754, EPI_ISL_1079087, EPI_ISL_1079210, EPI_ISL_1079403, EPI_ISL_1079808	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1081203, EPI_ISL_1081204, EPI_ISL_1081205, EPI_ISL_1081206, EPI_ISL_1081207, EPI_ISL_1081208, EPI_ISL_1081209, EPI_ISL_1081210, EPI_ISL_1081211, EPI_ISL_1081212, EPI_ISL_1081213, EPI_ISL_1081215, EPI_ISL_1081216, EPI_ISL_1081217, EPI_ISL_1081218	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani 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_1081568, EPI_ISL_1081570	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1081573	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1081812	First Aide Diagnostic 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_1081814, EPI_ISL_1081815, EPI_ISL_1081816, EPI_ISL_1081817, EPI_ISL_1081818	Philippine Red Cross - Port Area	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081821	PRIME CARE ALPHA COVID-19 TESTING LABORATORY	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiongco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081826	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_1082004, EPI_ISL_1082005, EPI_ISL_1082021, EPI_ISL_1082022, EPI_ISL_1082023, EPI_ISL_1082029, EPI_ISL_1082042, EPI_ISL_1082090, EPI_ISL_1082091, EPI_ISL_1082094, EPI_ISL_1082098, EPI_ISL_1082147	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 Kurlaka, Hanna Järva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1088555, EPI_ISL_1088559	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_1091304, EPI_ISL_1091305, EPI_ISL_1091306, EPI_ISL_1091307, EPI_ISL_1091308, EPI_ISL_1091325, EPI_ISL_1091326, EPI_ISL_1091327, EPI_ISL_1091328, EPI_ISL_1091329, EPI_ISL_1091330, EPI_ISL_1091331, EPI_ISL_1091332, EPI_ISL_1091341, EPI_ISL_1091342, EPI_ISL_1091343, EPI_ISL_1091352, EPI_ISL_1091353, EPI_ISL_1091354	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1096339	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungulovski G. et al.
EPI_ISL_1097474	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_1104295, EPI_ISL_1104306	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joeseeph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fel Sang, Johnny Debebe, Victoria Wright, Matthew Loosse
EPI_ISL_1104337, EPI_ISL_1104340, EPI_ISL_1104342, EPI_ISL_1104349, EPI_ISL_1104350, EPI_ISL_1104352, EPI_ISL_1104353, EPI_ISL_1104358, EPI_ISL_1104364, EPI_ISL_1104365	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_1104773, EPI_ISL_1104787, EPI_ISL_1104789, EPI_ISL_1104794, EPI_ISL_1104796, EPI_ISL_1104802, EPI_ISL_1104810, EPI_ISL_1104818, EPI_ISL_1104819, EPI_ISL_1104824, EPI_ISL_1104825, EPI_ISL_1104826, EPI_ISL_1105045, EPI_ISL_1105051, EPI_ISL_1105060, EPI_ISL_1105065, EPI_ISL_1105072, EPI_ISL_1105085, EPI_ISL_1105092, EPI_ISL_1105165, EPI_ISL_1105199, EPI_ISL_1105200, EPI_ISL_1105264, EPI_ISL_1105268, EPI_ISL_1105276, EPI_ISL_1105280	see above	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_1106643	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 Gatina-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kuchizene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Cordean, Tom Connor
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EPI_ISL_1118324	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volla, Karoline Bragstad, Olav Hungenes
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EPI_ISL_1118413	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volla, Karoline Bragstad, Olav Hungenes
EPI_ISL_1118414	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volla, Karoline Bragstad, Olav Hungenes
EPI_ISL_1120228	Dutch COVID-19 response team	Medical Microbiology, Maastricht University Medical Centre	Jozef Dingemans*, Brian van der Veer*, Erik Beuken, Carmen Reumkens, Lieke van Alphen, Christian Hoebe, Paul Savelkoul
EPI_ISL_1121993, EPI_ISL_1122015	Emergency department of COVID-19, Beijing Ditan Hospital	National Institute for Viral Disease Control and Prevention	Yang Song2*, Ziruo Ge1*, Shuping Cui1, 3*, Di Tian1, Gang Wan1, Shuangli Zhu2, Xianbo Wang1, Yu Wang1, Xiang Zhao2, Pan Xiang1, Yanli Xu1,

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EPI_ISL_1127121, EPI_ISL_1127122, EPI_ISL_1127123	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Shigeru Tajima, Takahiro Maeki, Eri Nakayama , Motohiko Ogawa , Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1128144	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Kyoko Saito, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1129296, EPI_ISL_1129306, EPI_ISL_1129339	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_1129440	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129443	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_1129541	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_1129566, EPI_ISL_1129571, EPI_ISL_1129639	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129643	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_1129708	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_1129736, EPI_ISL_1129742	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129872	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_1129935, EPI_ISL_1130080, EPI_ISL_1130095	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130101	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_1130353	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_1130424, EPI_ISL_1130438	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130571	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_1130613	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_1130635	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130656, EPI_ISL_1130689	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_1130709	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130746	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_1130847, EPI_ISL_1131006	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_1131029	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_1131133	Tokyo Metropolitan Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1131134	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Kento Fukano, Kousho Wakae, Hussein H Aly, Takanobu Kato, Makoto Kuroda
EPI_ISL_1133277	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_1138762	Centro Hospitalar do Baixo Vouga (CHBV)	Institute of Biomedicine (IBiMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patricia Arinto, Miguel Pinheiro and Manuel Santos
EPI_ISL_1140738, EPI_ISL_1140757, EPI_ISL_1140776, EPI_ISL_1140794, EPI_ISL_1140810, EPI_ISL_1140815	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1140879, EPI_ISL_1140881	Labor Dr. Wisplinghoff - Berlin	Robert Koch Institute	unknown
EPI_ISL_1141019, EPI_ISL_1141037, EPI_ISL_1141043, EPI_ISL_1141045, EPI_ISL_1141051, EPI_ISL_1141057, EPI_ISL_1141060, EPI_ISL_1141065, EPI_ISL_1141077	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1141088	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1141378, EPI_ISL_1141531, EPI_ISL_1141538, EPI_ISL_1141539, EPI_ISL_1141544, EPI_ISL_1141545, EPI_ISL_1141553, EPI_ISL_1141572, EPI_ISL_1141594	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141880	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1141912	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1141924, EPI_ISL_1141925	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1142347	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1143771, EPI_ISL_1143836	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1143862, EPI_ISL_1143868	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1143968	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1145277, EPI_ISL_1145278	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157401, EPI_ISL_1157402	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1159133, EPI_ISL_1159134	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonís,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.ROMAN SOTO, SERGIO
EPI_ISL_1163779	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameroon Grant, Evelyn Hoffman, Patricio Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1165004, EPI_ISL_1165013, EPI_ISL_1165060	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1172000	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1173227	Nigeria Centre for Disease Control (NCDC)	African Centre for Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Olawoye, I.B., et al
EPI_ISL_1175965	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1177692	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_1177879, EPI_ISL_1177880, EPI_ISL_1177881, EPI_ISL_1177883, EPI_ISL_1177884, EPI_ISL_1177885, EPI_ISL_1177886, EPI_ISL_1177905, EPI_ISL_1177906	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1178010	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_1178223, EPI_ISL_1178224, EPI_ISL_1178225, EPI_ISL_1178226, EPI_ISL_1178227, EPI_ISL_1178228, EPI_ISL_1178229, EPI_ISL_1178230, EPI_ISL_1178231, EPI_ISL_1178233, EPI_ISL_1178234, EPI_ISL_1178235, EPI_ISL_1178236, EPI_ISL_1178238, EPI_ISL_1178239, EPI_ISL_1178241, EPI_ISL_1178242, EPI_ISL_1178243, EPI_ISL_1178245, EPI_ISL_1178246, EPI_ISL_1178248, EPI_ISL_1178249, EPI_ISL_1178250, EPI_ISL_1178251, EPI_ISL_1178252, EPI_ISL_1178254, EPI_ISL_1178255, EPI_ISL_1178256, EPI_ISL_1178257, EPI_ISL_1178259, EPI_ISL_1178260, EPI_ISL_1178261, EPI_ISL_1178263, EPI_ISL_1178264, EPI_ISL_1178265, EPI_ISL_1178266, EPI_ISL_1178268, EPI_ISL_1178270, EPI_ISL_1178271, EPI_ISL_1178272, EPI_ISL_1178273, EPI_ISL_1178274, EPI_ISL_1178275, EPI_ISL_1178276, EPI_ISL_1178277, EPI_ISL_1178278, EPI_ISL_1178279, EPI_ISL_1178280, EPI_ISL_1178281, EPI_ISL_1178282, EPI_ISL_1178283, EPI_ISL_1178284, EPI_ISL_1178286, EPI_ISL_1178294, EPI_ISL_1178296, EPI_ISL_1178297, EPI_ISL_1178298, EPI_ISL_1178299, EPI_ISL_1178300, EPI_ISL_1178301, EPI_ISL_1178302, EPI_ISL_1178303, EPI_ISL_1178304, EPI_ISL_1178305, EPI_ISL_1178306, EPI_ISL_1178307, EPI_ISL_1178308, EPI_ISL_1178309, EPI_ISL_1178310, EPI_ISL_1178311, EPI_ISL_1178312, EPI_ISL_1178313, EPI_ISL_1178315, EPI_ISL_1178317, EPI_ISL_1178323, EPI_ISL_1178377			
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_1178465, EPI_ISL_1178471	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

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EPI_ISL_1178589	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Timothy Byaruhanga, Jayasree Dey, Emily Park, Jack Hill, Patrick McClure, Joseph Chappell, Theocharis Tsoieridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1178706, EPI_ISL_1178707, EPI_ISL_1178711, EPI_ISL_1178716, EPI_ISL_1178718, EPI_ISL_1178739, EPI_ISL_1178752, EPI_ISL_1178762, EPI_ISL_1178764, EPI_ISL_1178767, EPI_ISL_1178771, EPI_ISL_1178785, EPI_ISL_1178787, EPI_ISL_1178789, EPI_ISL_1178790, EPI_ISL_1178791, EPI_ISL_1178793, EPI_ISL_1178794, EPI_ISL_1178795, EPI_ISL_1178798, EPI_ISL_1178799, EPI_ISL_1178800, EPI_ISL_1178803, EPI_ISL_1178806, EPI_ISL_1178811, EPI_ISL_1178812, EPI_ISL_1178814, EPI_ISL_1178815, EPI_ISL_1178828, EPI_ISL_1178830, EPI_ISL_1178835, EPI_ISL_1178837, EPI_ISL_1178839, EPI_ISL_1178840, EPI_ISL_1178842, EPI_ISL_1178844, EPI_ISL_1178849, EPI_ISL_1178850, EPI_ISL_1178855, EPI_ISL_1178859, EPI_ISL_1178860, EPI_ISL_1178864, EPI_ISL_1178865, EPI_ISL_1178866, EPI_ISL_1178869	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_1179834, EPI_ISL_1179839	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1180081	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_1190728	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1191588	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_1191706	MIRIALIS CLUSES SARDAGNE	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_1192424, EPI_ISL_1192425, EPI_ISL_1192426, EPI_ISL_1192427, EPI_ISL_1192428, EPI_ISL_1192429, EPI_ISL_1192430, EPI_ISL_1192431, EPI_ISL_1192432, EPI_ISL_1192433, EPI_ISL_1192434, EPI_ISL_1192435, EPI_ISL_1192436, EPI_ISL_1192437, EPI_ISL_1192438, EPI_ISL_1192439, EPI_ISL_1192440, EPI_ISL_1192441, EPI_ISL_1192442, EPI_ISL_1192443, EPI_ISL_1192444, EPI_ISL_1192445, EPI_ISL_1192446, EPI_ISL_1192447	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_1192488, EPI_ISL_1192527, EPI_ISL_1192538, EPI_ISL_1192552, EPI_ISL_1192553, EPI_ISL_1192579, EPI_ISL_1192580, EPI_ISL_1192589, EPI_ISL_1192590, EPI_ISL_1192591, EPI_ISL_1192592, EPI_ISL_1192593, EPI_ISL_1192594, EPI_ISL_1192595, EPI_ISL_1192596, EPI_ISL_1192597, EPI_ISL_1192598, EPI_ISL_1192599, EPI_ISL_1192600, EPI_ISL_1192601, EPI_ISL_1192602, EPI_ISL_1192603, EPI_ISL_1192605, EPI_ISL_1192610	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_1194058, EPI_ISL_1194061, EPI_ISL_1194621	Departamento de Microbiología, CDB, Hospital Clínic, Barcelona	SeqCOVID-SPAIN consortium/IBV(CSIC)	Andrea Vergara, Mikel Martínez, Elisa Rubio, Jéssica Navero, Aida Peiró and SeqCOVID-SPAIN consortium
EPI_ISL_1194691, EPI_ISL_1194694	Universidad de León	SeqCOVID-SPAIN consortium/IBV(CSIC)	Ana Carvajal, Vicente Martín, Héctor Argüello, Juan M. Fregeneda, Tania Fernández-Villa, Antonio J. Molina and SeqCOVID-SPAIN consortium
EPI_ISL_1195204, EPI_ISL_1195205	National Public Health Center, COVID Laboratory	National Public Health Center, National Biosafety Laboratory	Bernadett Pályi, Zoltán Kis, Nóra Magyar, Judit Henczkó, Dániel Déri, Norbert Solymosi
EPI_ISL_1195313, EPI_ISL_1195316, EPI_ISL_1195318, EPI_ISL_1195319, EPI_ISL_1195321, EPI_ISL_1195322, EPI_ISL_1195323	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1195594, EPI_ISL_1195595, EPI_ISL_1195596, EPI_ISL_1195597, EPI_ISL_1195598, EPI_ISL_1195607, EPI_ISL_1195608, EPI_ISL_1195609	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_1198874, EPI_ISL_1198875	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_1200516	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; Università degli Studi di Perugia, Perugia, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Alessandra Lo Presti, Angela Di Martino, Stefano Fiore, Antonella Mencacci, Barbara Camilloni, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1201230, EPI_ISL_1201231, EPI_ISL_1201232, EPI_ISL_1201233, EPI_ISL_1201234, EPI_ISL_1201235, EPI_ISL_1201236, EPI_ISL_1201237, EPI_ISL_1201260, EPI_ISL_1201266	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_1208686, EPI_ISL_1208721, EPI_ISL_1208744	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadella, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1209380	LAM BIOPATH	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOÛ Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1209481, EPI_ISL_1209504, EPI_ISL_1209585, EPI_ISL_1209586, EPI_ISL_1209686, EPI_ISL_1209687, EPI_ISL_1209688, EPI_ISL_1209689, EPI_ISL_1209690, EPI_ISL_1209691, EPI_ISL_1209692, EPI_ISL_1209693, EPI_ISL_1209694, EPI_ISL_1209695, EPI_ISL_1209696, EPI_ISL_1209697, EPI_ISL_1209808, EPI_ISL_1209814	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_1210625	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1211225	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1212684, EPI_ISL_1212686	Istituto Zooprofilattico Sperimentale Umbria e Marche "Togo Rosati"	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Biagetti M., Giammaroli M., Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1214313, EPI_ISL_1214356, EPI_ISL_1214366, EPI_ISL_1214387, EPI_ISL_1214522, EPI_ISL_1214569, EPI_ISL_1214624, EPI_ISL_1214632, EPI_ISL_1214683, EPI_ISL_1214710, EPI_ISL_1214719, EPI_ISL_1214760, EPI_ISL_1214767, EPI_ISL_1214800, EPI_ISL_1214802, EPI_ISL_1214970, EPI_ISL_1215011, EPI_ISL_1215266	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Brezmes-Valdivieso, Gregoria Megias Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1217845	Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño	SeqCOVID-SPAIN consortium/IBV(CSIC)	María de Toro, José Manuel Azcona Gutiérrez, María Pilar Bea Escudero, Miriam Blasco Alberdi and SeqCOVID-SPAIN consortium

EPI_ISL_1226587, EPI_ISL_1226590	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_1226615	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1233478, EPI_ISL_1233479, EPI_ISL_1233480, EPI_ISL_1233481, EPI_ISL_1233482, EPI_ISL_1233484, EPI_ISL_1233546, EPI_ISL_1233547, EPI_ISL_1233548, EPI_ISL_1233549, EPI_ISL_1233551			Alexiev et al
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	
EPI_ISL_1233899	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Howard,D.T., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barrett,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_1247767, EPI_ISL_1247781, EPI_ISL_1247784, EPI_ISL_1247790, EPI_ISL_1247809	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1248149, EPI_ISL_1248150, EPI_ISL_1248153, EPI_ISL_1248154, EPI_ISL_1248155, EPI_ISL_1248157, EPI_ISL_1248159, EPI_ISL_1248163, EPI_ISL_1248166, EPI_ISL_1248168, EPI_ISL_1248176, EPI_ISL_1248178, EPI_ISL_1248179, EPI_ISL_1248183, EPI_ISL_1248186, EPI_ISL_1248187, EPI_ISL_1248192, EPI_ISL_1248194, EPI_ISL_1248195, EPI_ISL_1248196, EPI_ISL_1248201, EPI_ISL_1248202, EPI_ISL_1248204, EPI_ISL_1248206, EPI_ISL_1248230, EPI_ISL_1248231, EPI_ISL_1248235, EPI_ISL_1248236, EPI_ISL_1248237, EPI_ISL_1248240, EPI_ISL_1248244, EPI_ISL_1248247			
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_1248982, EPI_ISL_1248988, EPI_ISL_1248993, EPI_ISL_1248996, EPI_ISL_1249002	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, Reenesha Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1251595	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_1251783	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1251788	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1251815, EPI_ISL_1251816	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_1251974	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1252096, EPI_ISL_1252108, EPI_ISL_1252110, EPI_ISL_1252147, EPI_ISL_1252898	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1254887, EPI_ISL_1254901, EPI_ISL_1254911, EPI_ISL_1254917	Istituto Zooprofilattico Sperimentale del Mezzogiorno	Telethon Institute of Genetics and Medicine (TIGEM)	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1255140, EPI_ISL_1255141, EPI_ISL_1255276	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Accra, Ghana	West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana, Volta Road, Legon-Accra, Ghana	Collins M. Morang'a, Joyce M. Ngoi, Evelyn B. Quansah, Samirah Saïid, Dominic S.Y. Amuzu, Vincent Appiah, Philip M. Soglo, Vanessa Magnussen, Aisha Mohammed, Kesego Tapela, Nelson Kibinge, Abdulaye B Diallo, Frederick Kumi-Ansah, Theophilus Odoom, Oliver D Boakye5, Emmanuel Amoak4, Abdul-Karim Abass, , Samuel Kaba Akorieve, Frederick Tei-Maya, Lucas N. Amenga-Etego, Dam Kenneth Mbitui, Yaw Bediako, Benjamin Demiah Nuerthey, Gordon A Awandare, Peter K Quashie, Gordon A Awandare, Yaw Bediako
EPI_ISL_1261186, EPI_ISL_1261187, EPI_ISL_1261188, EPI_ISL_1261189, EPI_ISL_1261190, EPI_ISL_1261287, EPI_ISL_1261288, EPI_ISL_1261289	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_1265695	CERBA	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_1273617, EPI_ISL_1273618	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battagay, Hans Hirsch, Adrian Egli
EPI_ISL_1278982, EPI_ISL_1279025, EPI_ISL_1279026, EPI_ISL_1279091, EPI_ISL_1279097	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 Suvano, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Eilonen, Olli Vapalahti
EPI_ISL_1296539, EPI_ISL_1296540, EPI_ISL_1296541, EPI_ISL_1296545, EPI_ISL_1296550, EPI_ISL_1296552, EPI_ISL_1296553, EPI_ISL_1296555, EPI_ISL_1296556, EPI_ISL_1296557, EPI_ISL_1296559, EPI_ISL_1296562			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1299875	Unit of lab surveillance of viral emerging diseases, National Lab of Influenza	Respiratory Virus Unit, National Infection Service, Public Health England	PHE Covid Sequencing Team, Iris Hasibra, Prof Silvia Bino, Prof Albana Fico
EPI_ISL_1301985	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1308564, EPI_ISL_1308585, EPI_ISL_1308586, EPI_ISL_1308592	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_1308847	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_1309080, EPI_ISL_1309082, EPI_ISL_1309112, EPI_ISL_1309114	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_1309740	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_1310348, EPI_ISL_1310350	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett,Salman Goudarzi,Christopher Fearn,Kate Cook,Katie Loveson,Sharon Glaysher,Scott Elliott,Samuel Robson
EPI_ISL_1310846, EPI_ISL_1310920, EPI_ISL_1310953, EPI_ISL_1311078, EPI_ISL_1311079, EPI_ISL_1311080, EPI_ISL_1311095, EPI_ISL_1311096, EPI_ISL_1311107, EPI_ISL_1311175, EPI_ISL_1311176, EPI_ISL_1311180, EPI_ISL_1311183, EPI_ISL_1311197, EPI_ISL_1311216, EPI_ISL_1311229			
see above	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine



			GeurtsvanKessel, Anнемiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1317244	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317753	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1321360	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_1322037	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1322938	Hospital Universitario La Paz (Madrid)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Fernando Lázaro-Perona, María Rodríguez-Tejedor, Elias Dahdouh, Jesús Mingorance and SeqCOVID-SPAIN consortium
EPI_ISL_1336528	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1336558	LABO SUD OC-BIOLOGIE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1336559	CENTRE HOSPITALIER CAREMEAU	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1336565	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1336566	LABORATOIRE ANABIO BERGSON	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_1336568, EPI_ISL_1336569	CENTRE HOSPITALIER CAREMEAU	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1358419, EPI_ISL_1358422, EPI_ISL_1358424, EPI_ISL_1358425, EPI_ISL_1358426, EPI_ISL_1358427, EPI_ISL_1358428, EPI_ISL_1358429, EPI_ISL_1358430, EPI_ISL_1358432, EPI_ISL_1358433, EPI_ISL_1358434, EPI_ISL_1358435, EPI_ISL_1358437, EPI_ISL_1358439, EPI_ISL_1358440, EPI_ISL_1358442, EPI_ISL_1358443			
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_1359743, EPI_ISL_1359886, EPI_ISL_1359891	CENTRE HOSPITALIER POITIERS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1359954	CENTRE HOSPITALIER DRAGUIGNAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1359958	CENTRE HOSPITALIER EMILE ROUX	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_1359981	CENTRE HOSPITALIER GAP	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1360404	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1364505	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1367692	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Chantal Akoua-Koffi, Diané Bamourou, Etilé Aneh, Oby Wayoro, Safiatou Karidioula, Adjaratou Traoré, Soundélé Maïté, Monemo Pacome, Coulibaly Mbegnian, Bamba Fatoumata Touré, Kra Ouffoué, Grit Schubert, Essia Belarbi, Fabian Leendertz
EPI_ISL_1371844	LABO SUD OC-BIOLOGIE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1371848	CH ANTIBES - JUAN LES PINS	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_1371857, EPI_ISL_1371858, EPI_ISL_1371859, EPI_ISL_1371860	CENTRE HOSPITALIER DRAGUIGNAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1371894	CH TOULON LA SEYNE SUR MER	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_1373818	UPMC Children's Hospital of Pittsburgh	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1384855, EPI_ISL_1384856, EPI_ISL_1384857, EPI_ISL_1384858, EPI_ISL_1384869	National Centre For Cell Science	National Institute of Virology, Pune	Dhiraj Paul, Mitali Inamdar, Sonal Manik Chavan, Mohak P Gujare, Shivang P. Bhanushali, Manoj Kumar Bhat, Ajay Pillai, Yogesh Shouche
EPI_ISL_1386857, EPI_ISL_1386875	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_1388356, EPI_ISL_1388457, EPI_ISL_1388536, EPI_ISL_1388542, EPI_ISL_1388544, EPI_ISL_1388547	Bioanalytika AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Adrian Härrli, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1393193	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1400261	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1406544	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1407081, EPI_ISL_1407082, EPI_ISL_1407085	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_1413893	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1413904, EPI_ISL_1413919, EPI_ISL_1413922, EPI_ISL_1413932, EPI_ISL_1413935	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1420638, EPI_ISL_1420639, EPI_ISL_1420640, EPI_ISL_1420641	Biomedical Research Foundation of the Academy of Athens (BRFAA)	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Dimitrios Thanos
EPI_ISL_1420644	AHEPA, Laboratory of Microbiology	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Lemonia Skoura, Dimitrios Thanos
EPI_ISL_1420645	Biomedical Research Foundation of the Academy of Athens (BRFAA)	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Dimitrios Thanos
EPI_ISL_1420646	AHEPA, Laboratory of Microbiology	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Lemonia Skoura, Dimitrios Thanos
EPI_ISL_1420652, EPI_ISL_1420653, EPI_ISL_1420655, EPI_ISL_1420661,	Biomedical Research Foundation of the Academy of Athens (BRFAA)	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Dimitrios Thanos

EPI_ISL_1420662, EPI_ISL_1420663			
EPI_ISL_1420726, EPI_ISL_1420727, EPI_ISL_1420728, EPI_ISL_1420730, EPI_ISL_1420731, EPI_ISL_1420732	Laboratory of Immunohematology, Division of Hematology	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Emmanouil Athanasiadis, Ioannis Vatsellas, Theodoros Loupis, Katerina Zoi, Athanasia Mouzaki, Dimitrios Thanos
EPI_ISL_1427587, EPI_ISL_1427588	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_1429580	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1429581, EPI_ISL_1429582	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Chang-Kweng Lim, Takahiro Maeki, Eri Nakayama, Motohiko Ogawa, Shigeru Tanjima, Makoto Kuroda
EPI_ISL_1456931, EPI_ISL_1456932, EPI_ISL_1456955, EPI_ISL_1456973, EPI_ISL_1456974, EPI_ISL_1456982, EPI_ISL_1457084, EPI_ISL_1457103, EPI_ISL_1457111, EPI_ISL_1457528	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Ryanne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_855604	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_857313	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_857469, EPI_ISL_857471	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_857488	PathWest Laboratory Medicine WA	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EPI_ISL_860700, EPI_ISL_860702, EPI_ISL_860705, EPI_ISL_860706, EPI_ISL_860707	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_860727, EPI_ISL_860728	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_860783	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_861488	Cerballiance Côte d'Azur	CERBA LAB	Prots.L; Pichon R; Barrieu-Moussat S.
EPI_ISL_861489	Cerballiance Côte d'Azur	CERBA LAB	Adjtouth Z; Mangiarotti T; Prots L.
EPI_ISL_861490	Cerballiance Côte d'Azur	CERBA LAB	De La Chapelle A; Prots.L;
EPI_ISL_861491	Cerballiance Côte d'Azur	CERBA LAB	Chobert F; Prots.L
EPI_ISL_861492	Cerballiance Côte d'Azur	CERBA LAB	Barrieu-Moussat S;Adoul O;Boudjahem Z; Roman E; Chaudet L; Martin L; Aankour N; Jaugin P; Gastaud S; Prots L.
EPI_ISL_861493	Cerballiance Côte d'Azur	CERBA LAB	Marius M; Barsanti M; Maltese S; Francois J; Sinsoulieu T; Van Der Rhyn I; Morello V; Marcadal M; Gandillet A; Prots L.
EPI_ISL_861494	Cerballiance Côte d'Azur	CERBA LAB	Prots L. Raimondi V.
EPI_ISL_861495	Cerballiance Côte d'Azur	CERBA LAB	Pichon R. Quintle S; Sanza O; Mangiarotti T; Viltard B; Prots L.
EPI_ISL_861497	Cerballiance Centre Est	CERBA LAB	Chanard C; Gazzano V; Munier C; Prots L.
EPI_ISL_861500, EPI_ISL_861501, EPI_ISL_861502	Cerballiance Centre Est	CERBA LAB	Chanard E; Gazzano V; Munier C; Prots L.
EPI_ISL_861730, EPI_ISL_861731	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_861736	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 Wylie, 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, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_862048, EPI_ISL_862188, EPI_ISL_862189, EPI_ISL_862191, EPI_ISL_862192, EPI_ISL_862194, EPI_ISL_862195, EPI_ISL_862196, EPI_ISL_862197, EPI_ISL_862198, EPI_ISL_862199, EPI_ISL_862200, EPI_ISL_862201, EPI_ISL_862202, EPI_ISL_862203, EPI_ISL_862204, EPI_ISL_862205, EPI_ISL_862206, EPI_ISL_862207, EPI_ISL_862208, EPI_ISL_862209, EPI_ISL_862210, EPI_ISL_862211, EPI_ISL_862212, EPI_ISL_862213, EPI_ISL_862214, EPI_ISL_862215, EPI_ISL_862216, EPI_ISL_862217, EPI_ISL_862218, EPI_ISL_862219, EPI_ISL_862220, EPI_ISL_862221, EPI_ISL_862222, EPI_ISL_862223, EPI_ISL_862224, EPI_ISL_862225, EPI_ISL_862226, EPI_ISL_862227, EPI_ISL_862228, EPI_ISL_862229, EPI_ISL_862230, EPI_ISL_862231, EPI_ISL_862232, EPI_ISL_862233, EPI_ISL_862234, EPI_ISL_862235, EPI_ISL_862236, EPI_ISL_862237, EPI_ISL_862238, EPI_ISL_862239, EPI_ISL_862240, EPI_ISL_862241, EPI_ISL_862242, EPI_ISL_862243, EPI_ISL_862244, EPI_ISL_862245, EPI_ISL_862246, EPI_ISL_862247, EPI_ISL_862248, EPI_ISL_862249, EPI_ISL_862252, EPI_ISL_862253, EPI_ISL_862254, EPI_ISL_862255, EPI_ISL_862257	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team	
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_862816, EPI_ISL_862817, EPI_ISL_862818, EPI_ISL_862820, EPI_ISL_862821, EPI_ISL_862822, EPI_ISL_862823	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_862835, EPI_ISL_862836	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_864583, EPI_ISL_864585, EPI_ISL_864587	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Latour J., Ranger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremeaux P., Izopet J.
EPI_ISL_864929, EPI_ISL_864932, EPI_ISL_864936, EPI_ISL_864945	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_865163	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_865468, EPI_ISL_865469, EPI_ISL_865470	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_865605, EPI_ISL_865606, EPI_ISL_865608, EPI_ISL_865609, EPI_ISL_865610, EPI_ISL_865611, EPI_ISL_865612, EPI_ISL_865613, EPI_ISL_865619, EPI_ISL_865621, EPI_ISL_865622, EPI_ISL_865624, EPI_ISL_865625, EPI_ISL_865627, EPI_ISL_865628, EPI_ISL_865629, EPI_ISL_865631, EPI_ISL_865632, EPI_ISL_865633, EPI_ISL_865635, EPI_ISL_865637, EPI_ISL_865638, EPI_ISL_865640, EPI_ISL_865641, EPI_ISL_865642, EPI_ISL_865643, EPI_ISL_865645, EPI_ISL_865647, EPI_ISL_865648, EPI_ISL_865650, EPI_ISL_865651, EPI_ISL_865652, EPI_ISL_865653, EPI_ISL_865654, EPI_ISL_865655, EPI_ISL_865656, EPI_ISL_865657, EPI_ISL_865659, EPI_ISL_865660, EPI_ISL_865661, EPI_ISL_865662, EPI_ISL_865663, EPI_ISL_865664, EPI_ISL_865665, EPI_ISL_865666, EPI_ISL_865667, EPI_ISL_865668, EPI_ISL_865669, EPI_ISL_865670, EPI_ISL_865672, EPI_ISL_865673, EPI_ISL_865674, EPI_ISL_865675, EPI_ISL_865676, EPI_ISL_865677, EPI_ISL_865678, EPI_ISL_865679, EPI_ISL_865680, EPI_ISL_865884, EPI_ISL_865885, EPI_ISL_865886, EPI_ISL_865887, EPI_ISL_865888, EPI_ISL_865889, EPI_ISL_865890, EPI_ISL_865902, EPI_ISL_865904, EPI_ISL_865907, EPI_ISL_865908, EPI_ISL_865917, EPI_ISL_865920, EPI_ISL_865936, EPI_ISL_865937, EPI_ISL_865946, EPI_ISL_865951, EPI_ISL_865967, EPI_ISL_865969, EPI_ISL_865970, EPI_ISL_865971, EPI_ISL_865972, EPI_ISL_865973, EPI_ISL_865974, EPI_ISL_865975, EPI_ISL_865976, EPI_ISL_865979, EPI_ISL_865980, EPI_ISL_865981, EPI_ISL_865983, EPI_ISL_865984, EPI_ISL_865985,	COVID-19 Genomics UK (COG-UK) Consortium		

EPI_ISL_865988, EPI_ISL_865989, EPI_ISL_865990, EPI_ISL_865991, EPI_ISL_865992, EPI_ISL_865993, EPI_ISL_865995, EPI_ISL_865996, EPI_ISL_865997, EPI_ISL_865998, EPI_ISL_865999, EPI_ISL_866002, EPI_ISL_866003, EPI_ISL_866004, EPI_ISL_866005, EPI_ISL_866006, EPI_ISL_866008, EPI_ISL_866010, EPI_ISL_866013, EPI_ISL_866014, EPI_ISL_866015, EPI_ISL_866016, EPI_ISL_866018, EPI_ISL_866020, EPI_ISL_866022, EPI_ISL_866023, EPI_ISL_866025, EPI_ISL_866026, EPI_ISL_866029, EPI_ISL_866030, EPI_ISL_866038, EPI_ISL_866040, EPI_ISL_866043, EPI_ISL_866044, EPI_ISL_866306, EPI_ISL_866311, EPI_ISL_866312, EPI_ISL_866320, EPI_ISL_866321, EPI_ISL_866322, EPI_ISL_866323, EPI_ISL_866324, EPI_ISL_866325, EPI_ISL_866326, EPI_ISL_866327, EPI_ISL_866328, EPI_ISL_866329, EPI_ISL_866330, EPI_ISL_866331, EPI_ISL_866332, EPI_ISL_866333			
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_866432, EPI_ISL_866619, EPI_ISL_866793	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_866951, EPI_ISL_866952, EPI_ISL_866956, EPI_ISL_866958, EPI_ISL_866959, EPI_ISL_866960, EPI_ISL_866961, EPI_ISL_866962, EPI_ISL_866964, EPI_ISL_866967, EPI_ISL_866968, EPI_ISL_866970			
see above	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_866985, EPI_ISL_867156	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_867993, EPI_ISL_868226, EPI_ISL_868241, EPI_ISL_868242, EPI_ISL_868243, EPI_ISL_868244, EPI_ISL_868245, EPI_ISL_868246, EPI_ISL_868247, EPI_ISL_868249, EPI_ISL_868250, EPI_ISL_868252, EPI_ISL_868253, EPI_ISL_868254, EPI_ISL_868255, EPI_ISL_868256, EPI_ISL_868257			
see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glaysher, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson
EPI_ISL_868375, EPI_ISL_868380, EPI_ISL_868383, EPI_ISL_868384, EPI_ISL_868396, EPI_ISL_868404, EPI_ISL_868405, EPI_ISL_868412, EPI_ISL_868417, EPI_ISL_868426, EPI_ISL_868435, EPI_ISL_868447, EPI_ISL_868457, EPI_ISL_868462, EPI_ISL_868473, EPI_ISL_868489, EPI_ISL_868490, EPI_ISL_868494, EPI_ISL_868497, EPI_ISL_868506, EPI_ISL_868509, EPI_ISL_868510, EPI_ISL_868519, EPI_ISL_868528, EPI_ISL_868544, EPI_ISL_868551, EPI_ISL_868553, EPI_ISL_868563, EPI_ISL_868571, EPI_ISL_868583, EPI_ISL_868585, EPI_ISL_868587, EPI_ISL_868591, EPI_ISL_868596, EPI_ISL_868600, EPI_ISL_868604, EPI_ISL_868616, EPI_ISL_868619, EPI_ISL_868623, EPI_ISL_868636, EPI_ISL_868641, EPI_ISL_868650, EPI_ISL_868652, EPI_ISL_868657, EPI_ISL_868668, EPI_ISL_868672, EPI_ISL_868676, EPI_ISL_868682, EPI_ISL_868685, EPI_ISL_868689, EPI_ISL_868694, EPI_ISL_868695, EPI_ISL_868697, EPI_ISL_868707, EPI_ISL_868709, EPI_ISL_868711, EPI_ISL_868712			
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_869106, EPI_ISL_869107, EPI_ISL_869108, EPI_ISL_869109, EPI_ISL_869110, EPI_ISL_869111, EPI_ISL_869112, EPI_ISL_869113, EPI_ISL_869114, EPI_ISL_869115, EPI_ISL_869116, EPI_ISL_869117			
see above	A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_869298, EPI_ISL_869299, EPI_ISL_869307, EPI_ISL_869312, EPI_ISL_869338, EPI_ISL_869339, EPI_ISL_869348, EPI_ISL_869356, EPI_ISL_869359, EPI_ISL_869368, EPI_ISL_869369, EPI_ISL_869373, EPI_ISL_869374, EPI_ISL_869378, EPI_ISL_869386, EPI_ISL_869390, EPI_ISL_869406, EPI_ISL_869409, EPI_ISL_869415, EPI_ISL_869422, EPI_ISL_869451, EPI_ISL_869457, EPI_ISL_869460, EPI_ISL_869462, EPI_ISL_869483, EPI_ISL_869498, EPI_ISL_869504, EPI_ISL_869513, EPI_ISL_869518, EPI_ISL_869533, EPI_ISL_869557, EPI_ISL_869562, EPI_ISL_869615, EPI_ISL_869616, EPI_ISL_869621, EPI_ISL_869635			
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_870315, EPI_ISL_870317, EPI_ISL_870319	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_872051	CHC	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_872052, EPI_ISL_872053, EPI_ISL_872054, EPI_ISL_872055, EPI_ISL_872056	CHR Citadelle	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_872115, EPI_ISL_872116, EPI_ISL_872122	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_872123, EPI_ISL_872124, EPI_ISL_872125, EPI_ISL_872126	CHR Citadelle	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_872127, EPI_ISL_872128	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_872583	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_875669, EPI_ISL_875670, EPI_ISL_875672, EPI_ISL_875673	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Latour J., Ranger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremeaux P., Izopet J.
EPI_ISL_877566, EPI_ISL_877567, EPI_ISL_877568, EPI_ISL_877569	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_877570	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_877766	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Rome Buathong, Sopon Iamsirithaworn, Sininat Petcharat, Yutthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Opass Puthcharoen, Thiravatt Hemachudha, Supaporn Wacharapulsadee
EPI_ISL_877770, EPI_ISL_877772, EPI_ISL_877773, EPI_ISL_877774, EPI_ISL_877775, EPI_ISL_877776, EPI_ISL_877777, EPI_ISL_877779, EPI_ISL_877780, EPI_ISL_877782, EPI_ISL_877783, EPI_ISL_877784, EPI_ISL_877785, EPI_ISL_877789, EPI_ISL_877790, EPI_ISL_877791, EPI_ISL_877792, EPI_ISL_877793, EPI_ISL_877794, EPI_ISL_877795, EPI_ISL_877798, EPI_ISL_877801, EPI_ISL_877803, EPI_ISL_877805, EPI_ISL_877806, EPI_ISL_877808, EPI_ISL_877810, EPI_ISL_877811, EPI_ISL_877812, EPI_ISL_877813, EPI_ISL_877815, EPI_ISL_877816, EPI_ISL_877817, EPI_ISL_877818, EPI_ISL_877820, EPI_ISL_877822, EPI_ISL_877823, EPI_ISL_877824, EPI_ISL_877825, EPI_ISL_877826, EPI_ISL_877829, EPI_ISL_877830, EPI_ISL_877831, EPI_ISL_877832, EPI_ISL_877834, EPI_ISL_877835, EPI_ISL_877836, EPI_ISL_877837, EPI_ISL_877838, EPI_ISL_877839, EPI_ISL_877840, EPI_ISL_877841, EPI_ISL_877842, EPI_ISL_877843, EPI_ISL_877845, EPI_ISL_877846, EPI_ISL_877849, EPI_ISL_877850, EPI_ISL_877851, EPI_ISL_877852, EPI_ISL_877853, EPI_ISL_877854, EPI_ISL_877856, EPI_ISL_877857, EPI_ISL_877858, EPI_ISL_877861, EPI_ISL_877862, EPI_ISL_877863, EPI_ISL_877864, EPI_ISL_877865, EPI_ISL_877867, EPI_ISL_877868, EPI_ISL_877869, EPI_ISL_877870, EPI_ISL_877871, EPI_ISL_877872, EPI_ISL_877873, EPI_ISL_877874, EPI_ISL_877876, EPI_ISL_877877, EPI_ISL_877878, EPI_ISL_877879, EPI_ISL_877880, EPI_ISL_877883, EPI_ISL_877886, EPI_ISL_877887, EPI_ISL_877888, EPI_ISL_877890, EPI_ISL_877891, EPI_ISL_877892, EPI_ISL_877893, EPI_ISL_877894, EPI_ISL_877895, EPI_ISL_877896, EPI_ISL_877897, EPI_ISL_877898, EPI_ISL_877899, EPI_ISL_877900, EPI_ISL_877901, EPI_ISL_877902, EPI_ISL_877903, EPI_ISL_877904, EPI_ISL_877906, EPI_ISL_877908, EPI_ISL_877909, EPI_ISL_877910, EPI_ISL_877912, EPI_ISL_877914, EPI_ISL_877915, EPI_ISL_877916, EPI_ISL_877917, EPI_ISL_877920, EPI_ISL_877921, EPI_ISL_877923, EPI_ISL_877925, EPI_ISL_877926, EPI_ISL_877927, EPI_ISL_877928, EPI_ISL_877929, EPI_ISL_877931, EPI_ISL_877932, EPI_ISL_877933, EPI_ISL_877934, EPI_ISL_877935, EPI_ISL_877936, EPI_ISL_877937, EPI_ISL_877939, EPI_ISL_877941, EPI_ISL_877942, EPI_ISL_877943, EPI_ISL_877944, EPI_ISL_877945, EPI_ISL_877946, EPI_ISL_877947, EPI_ISL_877949, EPI_ISL_877950, EPI_ISL_877951, EPI_ISL_877952, EPI_ISL_877954, EPI_ISL_877956, EPI_ISL_877958, EPI_ISL_877959, EPI_ISL_877960, EPI_ISL_877961, EPI_ISL_877962, EPI_ISL_877963, EPI_ISL_877965, EPI_ISL_877967, EPI_ISL_877968, EPI_ISL_877971, EPI_ISL_877973, EPI_ISL_877974, EPI_ISL_877977, EPI_ISL_877978, EPI_ISL_877979, EPI_ISL_877980, EPI_ISL_877981, EPI_ISL_877982, EPI_ISL_877984, EPI_ISL_877985, EPI_ISL_877987, EPI_ISL_877992, EPI_ISL_877993, EPI_ISL_877996, EPI_ISL_877998, EPI_ISL_878000, EPI_ISL_878002, EPI_ISL_878004, EPI_ISL_878005, EPI_ISL_878006, EPI_ISL_878007, EPI_ISL_878008, EPI_ISL_878009, EPI_ISL_878010, EPI_ISL_878012, EPI_ISL_878014, EPI_ISL_878015, EPI_ISL_878016, EPI_ISL_878017, EPI_ISL_878018, EPI_ISL_878019, EPI_ISL_878020, EPI_ISL_878022, EPI_ISL_878023, EPI_ISL_878024, EPI_ISL_878028, EPI_ISL_878029, EPI_ISL_878030, EPI_ISL_878031, EPI_ISL_878033, EPI_ISL_878034, EPI_ISL_878035, EPI_ISL_878036, EPI_ISL_878037, EPI_ISL_878039, EPI_ISL_878043, EPI_ISL_878045, EPI_ISL_878046, EPI_ISL_878047, EPI_ISL_878048, EPI_ISL_878049, EPI_ISL_878050, EPI_ISL_878051, EPI_ISL_878055, EPI_ISL_878056, EPI_ISL_878057, EPI_ISL_878058, EPI_ISL_878059, EPI_ISL_878063, EPI_ISL_878065, EPI_ISL_878068, EPI_ISL_878069, EPI_ISL_878070, EPI_ISL_878071, EPI_ISL_878073, EPI_ISL_878074, EPI_ISL_878077, EPI_ISL_878079, EPI_ISL_878081, EPI_ISL_878082, EPI_ISL_878084, EPI_ISL_878086, EPI_ISL_878087, EPI_ISL_878090, EPI_ISL_878091, EPI_ISL_878092, EPI_ISL_878093, EPI_ISL_878094, EPI_ISL_878095, EPI_ISL_878096, EPI_ISL_878097, EPI_ISL_878099, EPI_ISL_878101, EPI_ISL_878103, EPI_ISL_878106, EPI_ISL_878107, EPI_ISL_878109, EPI_ISL_878110, EPI_ISL_878134, EPI_ISL_878158, EPI_ISL_878203, EPI_ISL_878238, EPI_ISL_878329, EPI_ISL_878433, EPI_ISL_878447, EPI_ISL_878479, EPI_ISL_878536, EPI_ISL_878545, EPI_ISL_878553, EPI_ISL_878562, EPI_ISL_878566, EPI_ISL_878578, EPI_ISL_878610, EPI_ISL_878717			
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_878728, EPI_ISL_878733, EPI_ISL_878735, EPI_ISL_878737, EPI_ISL_878738	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

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[illegible]

[illegible]

[illegible]

[illegible]



EPI_ISL_879641, EPI_ISL_879647, EPI_ISL_879649	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_879657, EPI_ISL_879661, EPI_ISL_879662, EPI_ISL_879671	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_879682, EPI_ISL_879687, EPI_ISL_879695, EPI_ISL_879702	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_883325	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_884864	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_885152	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
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EPI_ISL_891876, EPI_ISL_891877	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_891878	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_891879, EPI_ISL_891880	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_891881	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_891882, EPI_ISL_891883	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_891884, EPI_ISL_891885	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_891886	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_891887	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_891888, EPI_ISL_891889, EPI_ISL_891890, EPI_ISL_891891, EPI_ISL_891892, EPI_ISL_891893, EPI_ISL_891894	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_891895	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_891896, EPI_ISL_891897, EPI_ISL_891898	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_891900, EPI_ISL_891904, EPI_ISL_891906, EPI_ISL_891907, EPI_ISL_891910, EPI_ISL_891911, EPI_ISL_891912, EPI_ISL_891915, EPI_ISL_891916, EPI_ISL_891917, EPI_ISL_891919, EPI_ISL_891922, EPI_ISL_891947, EPI_ISL_891948, EPI_ISL_891951, EPI_ISL_891952, EPI_ISL_891955, EPI_ISL_891956, EPI_ISL_891960, EPI_ISL_891961, EPI_ISL_891964, EPI_ISL_891965, EPI_ISL_891966, EPI_ISL_891971, EPI_ISL_892010, EPI_ISL_892011			
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_896109	Abklärungs- und _Teststation BL	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Samuel Ermy, Thomas Goetz, Juerg Sommer, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_897613, EPI_ISL_897614, EPI_ISL_897615, EPI_ISL_897632, EPI_ISL_897633, EPI_ISL_897634, EPI_ISL_897635, EPI_ISL_897636, EPI_ISL_897637, EPI_ISL_897638, EPI_ISL_897639, EPI_ISL_897640, EPI_ISL_897641, EPI_ISL_897642, EPI_ISL_897643, EPI_ISL_897644, EPI_ISL_897645, EPI_ISL_897646, EPI_ISL_897647, EPI_ISL_897648, EPI_ISL_897649, EPI_ISL_897650, EPI_ISL_897651, EPI_ISL_897652, EPI_ISL_897653, EPI_ISL_897654, EPI_ISL_897655, EPI_ISL_897656, EPI_ISL_897657, EPI_ISL_897658, EPI_ISL_897659, EPI_ISL_897660, EPI_ISL_897661, EPI_ISL_897662, EPI_ISL_897663, EPI_ISL_897664, EPI_ISL_897665, EPI_ISL_897666, EPI_ISL_897667, EPI_ISL_897668, EPI_ISL_897669, EPI_ISL_897671, EPI_ISL_897672, EPI_ISL_897675, EPI_ISL_897678, EPI_ISL_897679			
see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermatzakis
EPI_ISL_900491, EPI_ISL_900495, EPI_ISL_900500	Althia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Fundació irsiCaixa. Hospital Universitari Germans Trias i Pujol(HUGTIP), 2a planta, maternal Ctra Canyet s/n, Badalona Gloria Trujillo, Rafel Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_902756	Fondazione Policlinico Universitario "A. Gemelli" IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, O Butera, F Messina, C.E.M Gruber, B Bartolini, E Giombini, P Cattani, M Sanguinetti, MR Capobianchi, A Di Caro
EPI_ISL_903364, EPI_ISL_903365	University Medical Center Hamburg Eppendorf	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff
EPI_ISL_904217, EPI_ISL_904218	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_904662, EPI_ISL_904663, EPI_ISL_904669, EPI_ISL_904670, EPI_ISL_904671, EPI_ISL_904674, EPI_ISL_904676, EPI_ISL_904677, EPI_ISL_904681, EPI_ISL_904689, EPI_ISL_904713, EPI_ISL_904716, EPI_ISL_904759			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Egging, 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_905782	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_906053	Tilia Laboratories s.r.o.	Tilia Laboratories s.r.o.	Sona Pekova, MD, PhD.
EPI_ISL_906073	Hospital Vila Lobos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906074	Searom Laboratorio Diagnostico	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_907119, EPI_ISL_907133, EPI_ISL_907136, EPI_ISL_907139, EPI_ISL_907144, EPI_ISL_907148, EPI_ISL_907152, EPI_ISL_907155, EPI_ISL_907160, EPI_ISL_907164, EPI_ISL_907167, EPI_ISL_907173, EPI_ISL_907179, EPI_ISL_907182, EPI_ISL_907186, EPI_ISL_907187, EPI_ISL_907190, EPI_ISL_907193, EPI_ISL_907195, EPI_ISL_907200, EPI_ISL_907206, EPI_ISL_907209, EPI_ISL_907212, EPI_ISL_907214, EPI_ISL_907219, EPI_ISL_907221, EPI_ISL_907223, EPI_ISL_907224, EPI_ISL_907225, EPI_ISL_907238, EPI_ISL_907241, EPI_ISL_907250, EPI_ISL_907254, EPI_ISL_907256, EPI_ISL_907260, EPI_ISL_907263, EPI_ISL_907264, EPI_ISL_907267, EPI_ISL_907269, EPI_ISL_907279, EPI_ISL_907284, EPI_ISL_907287, EPI_ISL_907288, EPI_ISL_907292, EPI_ISL_907300, EPI_ISL_907304, EPI_ISL_907308, EPI_ISL_907315, EPI_ISL_907318, EPI_ISL_907321, EPI_ISL_907322, EPI_ISL_907323, EPI_ISL_907325, EPI_ISL_907328, EPI_ISL_907336, EPI_ISL_907341, EPI_ISL_907347, EPI_ISL_907351, EPI_ISL_907352, EPI_ISL_907353, EPI_ISL_907355, EPI_ISL_907362, EPI_ISL_907363, EPI_ISL_907367			
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_907479, EPI_ISL_907492, EPI_ISL_907701, EPI_ISL_907709, EPI_ISL_907710, EPI_ISL_907711, EPI_ISL_907712, EPI_ISL_907713, EPI_ISL_907714, EPI_ISL_907715, EPI_ISL_907717, EPI_ISL_907718, EPI_ISL_907719, EPI_ISL_907720, EPI_ISL_907724, EPI_ISL_907725, EPI_ISL_907726, EPI_ISL_907727, EPI_ISL_907729, EPI_ISL_907730, EPI_ISL_907732, EPI_ISL_907733, EPI_ISL_907734, EPI_ISL_907737, EPI_ISL_907739, EPI_ISL_907740, EPI_ISL_907741, EPI_ISL_907743, EPI_ISL_907744, EPI_ISL_907746, EPI_ISL_907748, EPI_ISL_907751, EPI_ISL_907752, EPI_ISL_907753, EPI_ISL_907754, EPI_ISL_907759, EPI_ISL_907761, EPI_ISL_907762, EPI_ISL_907764, EPI_ISL_907768, EPI_ISL_907769, EPI_ISL_907770, EPI_ISL_907774, EPI_ISL_907775, EPI_ISL_907777, EPI_ISL_907779, EPI_ISL_907780, EPI_ISL_907781, EPI_ISL_907783, EPI_ISL_907784, EPI_ISL_907785			
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_907788	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_907791, EPI_ISL_907792, EPI_ISL_907798, EPI_ISL_907799, EPI_ISL_907803, EPI_ISL_907804, EPI_ISL_907808, EPI_ISL_907810, EPI_ISL_907815, EPI_ISL_907816, EPI_ISL_907819, EPI_ISL_907822, EPI_ISL_907823, EPI_ISL_907825, EPI_ISL_907827, EPI_ISL_907828, EPI_ISL_907829, EPI_ISL_907830, EPI_ISL_907831, EPI_ISL_907836, EPI_ISL_907839, EPI_ISL_907840, EPI_ISL_907841, EPI_ISL_907842, EPI_ISL_907843, EPI_ISL_907845, EPI_ISL_907846, EPI_ISL_907848, EPI_ISL_907849, EPI_ISL_907853, EPI_ISL_907856, EPI_ISL_907857, EPI_ISL_907858, EPI_ISL_907859, EPI_ISL_907861, EPI_ISL_907862, EPI_ISL_907864, EPI_ISL_907866, EPI_ISL_907869, EPI_ISL_907870, EPI_ISL_907871, EPI_ISL_907873, EPI_ISL_907876, EPI_ISL_907880, EPI_ISL_907883, EPI_ISL_907884, EPI_ISL_907885, EPI_ISL_907886, EPI_ISL_907888, EPI_ISL_907892, EPI_ISL_907896, EPI_ISL_907897, EPI_ISL_907900, EPI_ISL_907901, EPI_ISL_907904, EPI_ISL_907905, EPI_ISL_907906, EPI_ISL_907907, EPI_ISL_907908, EPI_ISL_907909, EPI_ISL_907913, EPI_ISL_907916, EPI_ISL_907917, EPI_ISL_907918, EPI_ISL_907919, EPI_ISL_907922, EPI_ISL_907924, EPI_ISL_907927, EPI_ISL_907928, EPI_ISL_907929, EPI_ISL_907930, EPI_ISL_907932, EPI_ISL_907933, EPI_ISL_907935, EPI_ISL_907937, EPI_ISL_907938, EPI_ISL_907939, EPI_ISL_907941, EPI_ISL_907947, EPI_ISL_907950, EPI_ISL_907951, EPI_ISL_907952, EPI_ISL_907955, EPI_ISL_907957, EPI_ISL_907958, EPI_ISL_907959, EPI_ISL_907961, EPI_ISL_907962, EPI_ISL_907963, EPI_ISL_907964,			

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EPI_ISL_908268, EPI_ISL_908271, EPI_ISL_908273, EPI_ISL_908276, EPI_ISL_908278, EPI_ISL_908280, EPI_ISL_908286, EPI_ISL_908287, EPI_ISL_908288, EPI_ISL_908294, EPI_ISL_908297	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_908298	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_908300, EPI_ISL_908304, EPI_ISL_908305, EPI_ISL_908311, EPI_ISL_908312, EPI_ISL_908313, EPI_ISL_908314, EPI_ISL_908318, EPI_ISL_908319, EPI_ISL_908320, EPI_ISL_908324, EPI_ISL_908325, EPI_ISL_908327, EPI_ISL_908330, EPI_ISL_908332, EPI_ISL_908336, EPI_ISL_908339, EPI_ISL_908345, EPI_ISL_908346, EPI_ISL_908347, EPI_ISL_908350, EPI_ISL_908352, EPI_ISL_908354, EPI_ISL_908355, EPI_ISL_908356, EPI_ISL_908358, EPI_ISL_908361, EPI_ISL_908362, EPI_ISL_908363, EPI_ISL_908370, EPI_ISL_908371, EPI_ISL_908373, EPI_ISL_908374, EPI_ISL_908375, EPI_ISL_908376, EPI_ISL_908377, EPI_ISL_908379, EPI_ISL_908381, EPI_ISL_908382, EPI_ISL_908386, EPI_ISL_908388, EPI_ISL_908390, EPI_ISL_908391, EPI_ISL_908392, EPI_ISL_908395, EPI_ISL_908396, EPI_ISL_908398, EPI_ISL_908399, EPI_ISL_908400, EPI_ISL_908404, EPI_ISL_908406, EPI_ISL_908409, EPI_ISL_908410, EPI_ISL_908414, EPI_ISL_908417, EPI_ISL_908418	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_908419	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_908420, EPI_ISL_908423, EPI_ISL_908424, EPI_ISL_908425, EPI_ISL_908426, EPI_ISL_908427, EPI_ISL_908428, EPI_ISL_908430, EPI_ISL_908434, EPI_ISL_908437, EPI_ISL_908438, EPI_ISL_908440, EPI_ISL_908441, EPI_ISL_908445, EPI_ISL_908448, EPI_ISL_908454, EPI_ISL_908457, EPI_ISL_908458, EPI_ISL_908459, EPI_ISL_908460, EPI_ISL_908461, EPI_ISL_908463, EPI_ISL_908464, EPI_ISL_908465, EPI_ISL_908466, EPI_ISL_908468, EPI_ISL_908469, EPI_ISL_908472, EPI_ISL_908473, EPI_ISL_908477, EPI_ISL_908480, EPI_ISL_908482, EPI_ISL_908483, EPI_ISL_908484, EPI_ISL_908485, EPI_ISL_908487, EPI_ISL_908490, EPI_ISL_908491, EPI_ISL_908492, EPI_ISL_908493, EPI_ISL_908497, EPI_ISL_908498, EPI_ISL_908499, EPI_ISL_908501, EPI_ISL_908502, EPI_ISL_908503, EPI_ISL_908505, EPI_ISL_908513, EPI_ISL_908514, EPI_ISL_908515, EPI_ISL_908517, EPI_ISL_908531, EPI_ISL_908532, EPI_ISL_908533, EPI_ISL_908539, EPI_ISL_908540, EPI_ISL_908541, EPI_ISL_908544, EPI_ISL_908545, EPI_ISL_908549, EPI_ISL_908552, EPI_ISL_908556, EPI_ISL_908562, EPI_ISL_908563, EPI_ISL_908565, EPI_ISL_908566, EPI_ISL_908569, EPI_ISL_908570, EPI_ISL_908572, EPI_ISL_908574, EPI_ISL_908577, EPI_ISL_908578, EPI_ISL_908583, EPI_ISL_908584, EPI_ISL_908586, EPI_ISL_908587, EPI_ISL_908588, EPI_ISL_908592, EPI_ISL_908593, EPI_ISL_908594	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_908597, EPI_ISL_908598, EPI_ISL_908599, EPI_ISL_908600, EPI_ISL_908601, EPI_ISL_908602, EPI_ISL_908603, EPI_ISL_908604, EPI_ISL_908605, EPI_ISL_908606, EPI_ISL_908607, EPI_ISL_908608, EPI_ISL_908609, EPI_ISL_908610, EPI_ISL_908611, EPI_ISL_908612, EPI_ISL_908613, EPI_ISL_908614, EPI_ISL_908615, EPI_ISL_908616, EPI_ISL_908617, EPI_ISL_908618, EPI_ISL_908619, EPI_ISL_908620, EPI_ISL_908621, EPI_ISL_908622, EPI_ISL_908623, EPI_ISL_908624, EPI_ISL_908625, EPI_ISL_908626, EPI_ISL_908627, EPI_ISL_908628, EPI_ISL_908629, EPI_ISL_908630, EPI_ISL_908631, EPI_ISL_908632, EPI_ISL_908633, EPI_ISL_908634, EPI_ISL_908635, EPI_ISL_908636, EPI_ISL_908637, EPI_ISL_908638, EPI_ISL_908639, EPI_ISL_908640, EPI_ISL_908641, EPI_ISL_908642, EPI_ISL_908643, EPI_ISL_908644, EPI_ISL_908645, EPI_ISL_908646, EPI_ISL_908647, EPI_ISL_908648, EPI_ISL_908649, EPI_ISL_908650, EPI_ISL_908651, EPI_ISL_908652, EPI_ISL_908653, EPI_ISL_908654, EPI_ISL_908655, EPI_ISL_908656, EPI_ISL_908657, EPI_ISL_908658, 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EPI_ISL_908911, EPI_ISL_908912, EPI_ISL_908913, EPI_ISL_908914, EPI_ISL_908915, EPI_ISL_908916, EPI_ISL_908917, EPI_ISL_908918, EPI_ISL_908919, EPI_ISL_908920, EPI_ISL_908921, EPI_ISL_908922, EPI_ISL_908923, EPI_ISL_908924, EPI_ISL_908925, EPI_ISL_908926, EPI_ISL_908927, EPI_ISL_908928, EPI_ISL_908929, EPI_ISL_908930, EPI_ISL_908931, EPI_ISL_908932, EPI_ISL_908933, EPI_ISL_908935	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_908937, EPI_ISL_908939, EPI_ISL_908940, EPI_ISL_908941	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_908942	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_908945	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_908946	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_908947, EPI_ISL_908948	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_908949	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_908950	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_908951, EPI_ISL_908952	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_908953	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_908954	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_908955	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_908956	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_908957	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_908958	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_908959, EPI_ISL_908961	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston,	

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EPI_ISL_909748, EPI_ISL_909749	Kiel		Drosten
EPI_ISL_909750	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie Berlin	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_909773, EPI_ISL_909782, EPI_ISL_909791, EPI_ISL_909792, EPI_ISL_909796, EPI_ISL_909800, EPI_ISL_909805, EPI_ISL_909807, EPI_ISL_909808, EPI_ISL_909810, EPI_ISL_909812, EPI_ISL_909876, EPI_ISL_909880, EPI_ISL_909882, EPI_ISL_909885, EPI_ISL_909891, EPI_ISL_909892, EPI_ISL_909893, EPI_ISL_909894, EPI_ISL_909902			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun
EPI_ISL_911188, EPI_ISL_911193, EPI_ISL_911194, EPI_ISL_911199, EPI_ISL_911210, EPI_ISL_911219, EPI_ISL_911220, EPI_ISL_911221	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_911306, EPI_ISL_911314, EPI_ISL_911324, EPI_ISL_911326, EPI_ISL_911333, EPI_ISL_911341	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_911388, EPI_ISL_911389, EPI_ISL_911430, EPI_ISL_911431, EPI_ISL_911432	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_911525	Microbiology and Virology Unit, Florence Careggi University Hospital	Microbiology and Virology Unit, Florence Careggi University Hospital	Vincenzo Di Pilato, Marco Coppi, Fabio Morecchiato, Noemi Aiezza, Ilaria Baccani, Alberto Antonelli, Emanuele Gori, Gian Maria Rossolini
EPI_ISL_911749	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_911773	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_912160	Yale Clinical Virology Lab	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_912171, EPI_ISL_912172, EPI_ISL_912173, EPI_ISL_912174	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_912214	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_912220, EPI_ISL_912221, EPI_ISL_912222, EPI_ISL_912223	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_912224	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_912246, EPI_ISL_912260, EPI_ISL_912263	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie Berlin	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_912271, EPI_ISL_912287, EPI_ISL_912292, EPI_ISL_912295, EPI_ISL_912307, EPI_ISL_912308, EPI_ISL_912322, EPI_ISL_912326, EPI_ISL_912341, EPI_ISL_912347	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium / IBV (CSIC)	Darío García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_912579	Service Biologie -CH de Versailles	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, Marqne Juliet StéPhanie
EPI_ISL_912665, EPI_ISL_912671	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_912907	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_913025, EPI_ISL_913029	Hospital los Arcos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis, V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.
EPI_ISL_913393	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_913458	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 Bryting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_913509, EPI_ISL_913510, EPI_ISL_913594, EPI_ISL_913596, EPI_ISL_913597, EPI_ISL_913599, EPI_ISL_913601	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_913991, EPI_ISL_913995, EPI_ISL_913996	IL Dept. of Public Health Springfield Laboratory	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_914003, EPI_ISL_914004, EPI_ISL_914005, EPI_ISL_914006, EPI_ISL_914007, EPI_ISL_914008, EPI_ISL_914009	Clinical Pathology Lab	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_914642	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_916191, EPI_ISL_916192, EPI_ISL_916196, EPI_ISL_916210, EPI_ISL_916211, EPI_ISL_916212, EPI_ISL_916229, EPI_ISL_916231, EPI_ISL_916237, EPI_ISL_916242, EPI_ISL_916243, EPI_ISL_916247, EPI_ISL_916249, EPI_ISL_916252, EPI_ISL_916262, EPI_ISL_916269, EPI_ISL_916270, EPI_ISL_916271, EPI_ISL_916274, EPI_ISL_916277, EPI_ISL_916280, EPI_ISL_916292, EPI_ISL_916297, EPI_ISL_916304, EPI_ISL_916313, EPI_ISL_916331, EPI_ISL_916334, EPI_ISL_916346, EPI_ISL_916354, EPI_ISL_916355, EPI_ISL_916362, EPI_ISL_916376, EPI_ISL_916382, EPI_ISL_916391, EPI_ISL_916392, EPI_ISL_916414, EPI_ISL_916416, EPI_ISL_916420, EPI_ISL_916427, EPI_ISL_916435, EPI_ISL_916444, EPI_ISL_916445, EPI_ISL_916450, EPI_ISL_916461, EPI_ISL_916470, EPI_ISL_916475, EPI_ISL_916495, EPI_ISL_916496, EPI_ISL_916497	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	
see above	Lighthouse Lab in Cambridge	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_917214, EPI_ISL_917501	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_917850, EPI_ISL_917851, EPI_ISL_917853, EPI_ISL_917854, EPI_ISL_917855, EPI_ISL_917856, EPI_ISL_917857, EPI_ISL_917858, EPI_ISL_917859, EPI_ISL_917860, EPI_ISL_917861, EPI_ISL_917862, EPI_ISL_917863, EPI_ISL_917864, EPI_ISL_917866, EPI_ISL_917867, EPI_ISL_917868, EPI_ISL_917873, EPI_ISL_917874, EPI_ISL_917875, EPI_ISL_917876, EPI_ISL_917877, EPI_ISL_917878, EPI_ISL_917879, EPI_ISL_917880, EPI_ISL_917882, EPI_ISL_917883, EPI_ISL_917884, EPI_ISL_917885, EPI_ISL_917886, EPI_ISL_917887, EPI_ISL_917888, EPI_ISL_917889, EPI_ISL_917890, EPI_ISL_917891, EPI_ISL_917892,			



EPI_ISL_917893, EPI_ISL_917894, EPI_ISL_917896, EPI_ISL_917897, EPI_ISL_917898, EPI_ISL_917900, EPI_ISL_917901, EPI_ISL_917902, EPI_ISL_917903, EPI_ISL_917904, EPI_ISL_917905, EPI_ISL_917906, EPI_ISL_917909, EPI_ISL_917910, EPI_ISL_917912, EPI_ISL_917913, EPI_ISL_917914, EPI_ISL_917915, EPI_ISL_917916, EPI_ISL_917917, EPI_ISL_917920, EPI_ISL_917921, EPI_ISL_917922, EPI_ISL_917923, EPI_ISL_917924, EPI_ISL_917925, EPI_ISL_917926, EPI_ISL_917927, EPI_ISL_917928, EPI_ISL_917934, EPI_ISL_917935, EPI_ISL_917939, EPI_ISL_917942, EPI_ISL_917957, EPI_ISL_917958, EPI_ISL_917959, EPI_ISL_917961, EPI_ISL_917963, EPI_ISL_917964, EPI_ISL_917965, EPI_ISL_917966, EPI_ISL_917967, EPI_ISL_917968, EPI_ISL_917970, EPI_ISL_917971, EPI_ISL_917972, EPI_ISL_917973, EPI_ISL_917977, EPI_ISL_917978, EPI_ISL_917979, EPI_ISL_917980, EPI_ISL_917981, EPI_ISL_917982, EPI_ISL_917984, EPI_ISL_918020, EPI_ISL_918021, EPI_ISL_918023, EPI_ISL_918024, EPI_ISL_918025, EPI_ISL_918026, EPI_ISL_918027, EPI_ISL_918028, EPI_ISL_918029, EPI_ISL_918032, EPI_ISL_918033, EPI_ISL_918036, EPI_ISL_918037, EPI_ISL_918038	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_918191	EPI_ISL_918292, EPI_ISL_918299, EPI_ISL_918304	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_918495	EPI_ISL_918985, EPI_ISL_918986, EPI_ISL_918988, EPI_ISL_918989, EPI_ISL_918990, EPI_ISL_918991, EPI_ISL_918992, EPI_ISL_918993, EPI_ISL_918994, EPI_ISL_918995, EPI_ISL_918996, EPI_ISL_918997, EPI_ISL_918998, EPI_ISL_918999, EPI_ISL_919000, EPI_ISL_919001, EPI_ISL_919004, EPI_ISL_919006, EPI_ISL_919008, EPI_ISL_919009, EPI_ISL_919010, EPI_ISL_919013, EPI_ISL_919014, EPI_ISL_919015, EPI_ISL_919016, EPI_ISL_919115, EPI_ISL_919148	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
see above	see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_919208, EPI_ISL_919211, EPI_ISL_919213, EPI_ISL_919214, EPI_ISL_919215, EPI_ISL_919216, EPI_ISL_919218, EPI_ISL_919219, EPI_ISL_919220, EPI_ISL_919221, EPI_ISL_919222, EPI_ISL_919223, EPI_ISL_919225, EPI_ISL_919226, EPI_ISL_919228, EPI_ISL_919229, EPI_ISL_919230, EPI_ISL_919231, EPI_ISL_919277, EPI_ISL_919278, EPI_ISL_919279, EPI_ISL_919280	see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
see above	see above	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_919345		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_919488, EPI_ISL_919489, EPI_ISL_919491, EPI_ISL_919492, EPI_ISL_919494, EPI_ISL_919495, EPI_ISL_919497, EPI_ISL_919498, EPI_ISL_919500, EPI_ISL_919501, EPI_ISL_919504, EPI_ISL_919512, EPI_ISL_919514, EPI_ISL_919525, EPI_ISL_919530, EPI_ISL_919532, EPI_ISL_919533, EPI_ISL_919535, EPI_ISL_919536, EPI_ISL_919542, EPI_ISL_919543, EPI_ISL_919547, EPI_ISL_919550, EPI_ISL_919556, EPI_ISL_919557, EPI_ISL_919562, EPI_ISL_919563, EPI_ISL_919568, EPI_ISL_919570, EPI_ISL_919572, EPI_ISL_919573, EPI_ISL_919574, EPI_ISL_919576, EPI_ISL_919578, EPI_ISL_919579, EPI_ISL_919582, EPI_ISL_919585, EPI_ISL_919587, EPI_ISL_919590, EPI_ISL_919604, EPI_ISL_919605, EPI_ISL_919606, EPI_ISL_919607, EPI_ISL_919608, EPI_ISL_919609, EPI_ISL_919611, EPI_ISL_919612, EPI_ISL_919613, EPI_ISL_919615, EPI_ISL_919616, EPI_ISL_919617, EPI_ISL_919635, EPI_ISL_919649, EPI_ISL_919691	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, Muhaanad 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, Mireu Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N,P Landre, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
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EPI_ISL_925208	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_925927, EPI_ISL_925930, EPI_ISL_925935, EPI_ISL_925936, EPI_ISL_925941, EPI_ISL_925946, EPI_ISL_925951, EPI_ISL_925963, EPI_ISL_925972, EPI_ISL_925973, EPI_ISL_925974, EPI_ISL_925975, EPI_ISL_925980, EPI_ISL_926004, EPI_ISL_926006, EPI_ISL_926056, EPI_ISL_926058, EPI_ISL_926108, EPI_ISL_926109, EPI_ISL_926121, EPI_ISL_926127, EPI_ISL_926141, EPI_ISL_926152, EPI_ISL_926160, EPI_ISL_926180, EPI_ISL_926184, EPI_ISL_926185, EPI_ISL_926241, EPI_ISL_926244, EPI_ISL_926267, EPI_ISL_926355, EPI_ISL_926383, EPI_ISL_926400, EPI_ISL_926448, EPI_ISL_926450, EPI_ISL_926457, EPI_ISL_926516, EPI_ISL_926530, EPI_ISL_926531, EPI_ISL_926563, EPI_ISL_926563, EPI_ISL_926571, EPI_ISL_926582, EPI_ISL_926583, EPI_ISL_926585, EPI_ISL_926602, EPI_ISL_926608, EPI_ISL_926640, EPI_ISL_926682, EPI_ISL_926691, EPI_ISL_926709, EPI_ISL_926712, EPI_ISL_926725, EPI_ISL_926762, EPI_ISL_926779, EPI_ISL_926780, EPI_ISL_926790, EPI_ISL_926804, EPI_ISL_926816, EPI_ISL_926822, EPI_ISL_926823, EPI_ISL_926837, 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EPI_ISL_928492, EPI_ISL_928512, EPI_ISL_928518, EPI_ISL_928566, EPI_ISL_928572, EPI_ISL_928575, EPI_ISL_928576, EPI_ISL_928583, EPI_ISL_928589, EPI_ISL_928590, EPI_ISL_928598, EPI_ISL_928627, EPI_ISL_928641, EPI_ISL_928642, EPI_ISL_928644, EPI_ISL_928659, EPI_ISL_928667, EPI_ISL_928668, EPI_ISL_928710, EPI_ISL_928739, EPI_ISL_928747, EPI_ISL_928759, EPI_ISL_928771, EPI_ISL_928773, EPI_ISL_928781, EPI_ISL_928800, EPI_ISL_928805, EPI_ISL_928818, EPI_ISL_928819, EPI_ISL_928840, EPI_ISL_928852, EPI_ISL_928856, EPI_ISL_928871, EPI_ISL_928890, EPI_ISL_928902, EPI_ISL_928910, EPI_ISL_928913, EPI_ISL_928928, EPI_ISL_928933, EPI_ISL_928938, EPI_ISL_928960, EPI_ISL_929091, EPI_ISL_929102, EPI_ISL_929113, EPI_ISL_929123, EPI_ISL_929125, EPI_ISL_929139, EPI_ISL_929178, EPI_ISL_929193, EPI_ISL_929195, EPI_ISL_929212, EPI_ISL_929220, EPI_ISL_929225, EPI_ISL_929238, EPI_ISL_929240, EPI_ISL_929311, EPI_ISL_929336, EPI_ISL_929367, EPI_ISL_929367, EPI_ISL_929379, EPI_ISL_929384, EPI_ISL_929401, 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EPI_ISL_930585, EPI_ISL_930586, EPI_ISL_930587, EPI_ISL_930588, EPI_ISL_930589, EPI_ISL_930590, EPI_ISL_930591, EPI_ISL_930592, EPI_ISL_930593, EPI_ISL_930597, EPI_ISL_930598, EPI_ISL_930599, EPI_ISL_930601, EPI_ISL_930602			
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EPI_ISL_932263, EPI_ISL_932294, EPI_ISL_932366, EPI_ISL_932372, EPI_ISL_932380, EPI_ISL_932391, EPI_ISL_932395, EPI_ISL_932417, EPI_ISL_932456, EPI_ISL_932505, EPI_ISL_932507, EPI_ISL_932542, EPI_ISL_932563, EPI_ISL_932575, EPI_ISL_932627, EPI_ISL_932631, EPI_ISL_932756, EPI_ISL_932793, EPI_ISL_932874, EPI_ISL_932886, EPI_ISL_932895, EPI_ISL_932913, EPI_ISL_932974, EPI_ISL_933022, EPI_ISL_933061			
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, Dominik Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933117, EPI_ISL_933124, EPI_ISL_933127, EPI_ISL_933130, EPI_ISL_933134, EPI_ISL_933136, EPI_ISL_933141, EPI_ISL_933143, EPI_ISL_933149, EPI_ISL_933150, EPI_ISL_933154, EPI_ISL_933166, EPI_ISL_933167, EPI_ISL_933170, EPI_ISL_933181, EPI_ISL_933187, EPI_ISL_933188, EPI_ISL_933200, EPI_ISL_933207, EPI_ISL_933213, EPI_ISL_933214, EPI_ISL_933215, EPI_ISL_933221, EPI_ISL_933226, EPI_ISL_933227, EPI_ISL_933228, EPI_ISL_933233, EPI_ISL_933239, EPI_ISL_933243, EPI_ISL_933256, EPI_ISL_933259, EPI_ISL_933265, EPI_ISL_933266, EPI_ISL_933271, EPI_ISL_933272, EPI_ISL_933273, EPI_ISL_933277, EPI_ISL_933282, EPI_ISL_933283, EPI_ISL_933289, EPI_ISL_933293, EPI_ISL_933298, EPI_ISL_933303, EPI_ISL_933326, EPI_ISL_933336, EPI_ISL_933340, EPI_ISL_933341, EPI_ISL_933343, EPI_ISL_933344, EPI_ISL_933345, EPI_ISL_933346, EPI_ISL_933350, EPI_ISL_933354, EPI_ISL_933358, EPI_ISL_933359, EPI_ISL_933364, EPI_ISL_933371, EPI_ISL_933375, EPI_ISL_933382, EPI_ISL_933386, EPI_ISL_933387, EPI_ISL_933388, EPI_ISL_933393, EPI_ISL_933396, EPI_ISL_933397, EPI_ISL_933400, EPI_ISL_933411, EPI_ISL_933414, EPI_ISL_933417			
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, Dominik Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933725, EPI_ISL_933727, EPI_ISL_933728, EPI_ISL_933729, EPI_ISL_933730, EPI_ISL_933731, EPI_ISL_933733	Servicio de Microbiología Hospital Ramón y Cajal	Servicio de Microbiología Hospital Ramón y Cajal	José M Gonzalez-Alba, Concepción Rodríguez, Melanie Abreu, Laura Martínez, Val F Lanza, Luz Leticia Olavarrieta, Rafael Cantón, JC Galán
EPI_ISL_933736, EPI_ISL_933737, EPI_ISL_933738	DPHL	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_933767	Servicio de Microbiología Hospital Ramón y Cajal	Servicio de Microbiología Hospital Ramón y Cajal	José M Gonzalez-Alba, Concepción Rodríguez, Melanie Abreu, Laura Martínez, Val F Lanza, Luz Leticia Olavarrieta, Rafael Cantón, JC Galán
EPI_ISL_933790	PathWest Laboratory Medicine WA	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EPI_ISL_934381, EPI_ISL_934382	Klinisk 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_934393	Klinisk 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

EPI_ISL_934397	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_934982, EPI_ISL_934985, EPI_ISL_934988	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	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_935060	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_935187, EPI_ISL_935188, EPI_ISL_935189, EPI_ISL_935190, EPI_ISL_935191, EPI_ISL_935192, EPI_ISL_935193, EPI_ISL_935194, EPI_ISL_935196, EPI_ISL_935201, EPI_ISL_935205, EPI_ISL_935227, EPI_ISL_935228, EPI_ISL_935229, EPI_ISL_935230, EPI_ISL_935244, EPI_ISL_935245, EPI_ISL_935247, EPI_ISL_935248, EPI_ISL_935250, EPI_ISL_935251, EPI_ISL_935252, EPI_ISL_935253, EPI_ISL_935254, EPI_ISL_935255, EPI_ISL_935260, EPI_ISL_935261, EPI_ISL_935326, EPI_ISL_935329			
see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_935533	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, Jacques Alexandra
EPI_ISL_935549, EPI_ISL_935563, EPI_ISL_935564	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_935565, EPI_ISL_935566	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Bret Laurent
EPI_ISL_935570	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Castelain Sandrine
EPI_ISL_935582	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, Blazejewski C.
EPI_ISL_935583, EPI_ISL_935584, EPI_ISL_935585, EPI_ISL_935586	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, Fourgeaud Jacques
EPI_ISL_935588	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_935590	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_935591, EPI_ISL_935592, EPI_ISL_935593, EPI_ISL_935594, EPI_ISL_935595, EPI_ISL_935599, EPI_ISL_935600, EPI_ISL_935601, EPI_ISL_935604	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_935605, EPI_ISL_935606	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_935607, EPI_ISL_935608, EPI_ISL_935609, EPI_ISL_935610, EPI_ISL_935611, EPI_ISL_935612, EPI_ISL_935613, EPI_ISL_935615, EPI_ISL_935616, EPI_ISL_935617, EPI_ISL_935618, EPI_ISL_935619, EPI_ISL_935620, EPI_ISL_935621, EPI_ISL_935622, EPI_ISL_935623, EPI_ISL_935624, EPI_ISL_935625, EPI_ISL_935626, EPI_ISL_935627, EPI_ISL_935628, EPI_ISL_935629, EPI_ISL_935630, EPI_ISL_935631, EPI_ISL_935632, EPI_ISL_935634, EPI_ISL_935635, EPI_ISL_935636			
see above	Labo Analyses med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Amzalag Jonas
EPI_ISL_935639	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, Breuil J.
EPI_ISL_938057, EPI_ISL_938120, EPI_ISL_938151	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_940069, EPI_ISL_940070	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_940565	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.
EPI_ISL_940609	Hospital e Maternidade Celso Pierro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940631, EPI_ISL_940632	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.
EPI_ISL_940645, EPI_ISL_940646, EPI_ISL_940647, EPI_ISL_940649, EPI_ISL_940650, EPI_ISL_940651, EPI_ISL_940652, EPI_ISL_940653	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_940763	ZNA Middelheim	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken S6.26, Universiteitsplein 1, 2610, Wilrijk, Belgium	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_940843, EPI_ISL_940847, EPI_ISL_940849	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_941027	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, Marque Juliet StéPhanie
EPI_ISL_941030, EPI_ISL_941031, EPI_ISL_941032, EPI_ISL_941033, EPI_ISL_941034, EPI_ISL_941035, EPI_ISL_941036, EPI_ISL_941037, EPI_ISL_941038, EPI_ISL_941040, EPI_ISL_941041, EPI_ISL_941044, EPI_ISL_941045, EPI_ISL_941046, EPI_ISL_941048, EPI_ISL_941049, EPI_ISL_941050, EPI_ISL_941051, EPI_ISL_941053, EPI_ISL_941056, EPI_ISL_941057, EPI_ISL_941058, EPI_ISL_941060, EPI_ISL_941061, EPI_ISL_941063, EPI_ISL_941065, EPI_ISL_941066, EPI_ISL_941069, EPI_ISL_941071, EPI_ISL_941073, EPI_ISL_941074, EPI_ISL_941075, EPI_ISL_941076			
see above	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Merah Kader
EPI_ISL_941212, EPI_ISL_941213, EPI_ISL_941214, EPI_ISL_941215, EPI_ISL_941217, EPI_ISL_941218, EPI_ISL_941219	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_941297	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_941413, EPI_ISL_941437, EPI_ISL_941439, EPI_ISL_941499, EPI_ISL_941500, EPI_ISL_941501, EPI_ISL_941505, EPI_ISL_941562, EPI_ISL_941607, EPI_ISL_941608, EPI_ISL_941609, EPI_ISL_941610, EPI_ISL_941611			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_941669, EPI_ISL_941698, EPI_ISL_941794, EPI_ISL_941833,	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al

EPI_ISL_941852, EPI_ISL_941853, EPI_ISL_941856, EPI_ISL_941857, EPI_ISL_941858			
EPI_ISL_942978, EPI_ISL_942994, EPI_ISL_942995, EPI_ISL_943024, EPI_ISL_943027, EPI_ISL_943042, EPI_ISL_943043, EPI_ISL_943273, EPI_ISL_943281, EPI_ISL_943308, EPI_ISL_943312, EPI_ISL_943322, EPI_ISL_943324, EPI_ISL_943325, EPI_ISL_943391, EPI_ISL_943440, EPI_ISL_943441, EPI_ISL_943442, EPI_ISL_943482			
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_943550	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_944742	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Son Nguyen et al
EPI_ISL_949016	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949182	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.
EPI_ISL_949254	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949299, EPI_ISL_949301, EPI_ISL_949302, EPI_ISL_949303, EPI_ISL_949304, EPI_ISL_949306, EPI_ISL_949307, EPI_ISL_949308, EPI_ISL_949309, EPI_ISL_949312, EPI_ISL_949313, EPI_ISL_949314, EPI_ISL_949317, EPI_ISL_949322			
see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_949407, EPI_ISL_949408, EPI_ISL_949418, EPI_ISL_949419, EPI_ISL_949422, EPI_ISL_949423, EPI_ISL_949424, EPI_ISL_949425, EPI_ISL_949426	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_949428, EPI_ISL_949442, EPI_ISL_949443, EPI_ISL_949444, EPI_ISL_949448, EPI_ISL_949478, EPI_ISL_949480, EPI_ISL_949482, EPI_ISL_949483, EPI_ISL_949484, EPI_ISL_949486, EPI_ISL_949488, EPI_ISL_949489, EPI_ISL_949491, EPI_ISL_949493, EPI_ISL_949495, EPI_ISL_949497, EPI_ISL_949499, EPI_ISL_949501, EPI_ISL_949503, EPI_ISL_949505, EPI_ISL_949507, EPI_ISL_949509, EPI_ISL_949513, EPI_ISL_949515, EPI_ISL_949517			
see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_949612	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_949641	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 A, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_949905, EPI_ISL_949979, EPI_ISL_950156, EPI_ISL_950157, EPI_ISL_950158, EPI_ISL_950160, EPI_ISL_950161	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_950339, EPI_ISL_950340, EPI_ISL_950341, EPI_ISL_950344, EPI_ISL_950345, EPI_ISL_950346	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 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_950563, EPI_ISL_950564, EPI_ISL_950567, EPI_ISL_950568, EPI_ISL_950569, EPI_ISL_950570, EPI_ISL_950571	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 Aikhan, 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_950716	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_951359, EPI_ISL_951360, EPI_ISL_951368, EPI_ISL_951369, EPI_ISL_951370, EPI_ISL_951371, EPI_ISL_951372, EPI_ISL_951373, EPI_ISL_951461, EPI_ISL_951462, EPI_ISL_951464, EPI_ISL_951466, EPI_ISL_951468, EPI_ISL_951469, EPI_ISL_951470, EPI_ISL_951471, EPI_ISL_951475, EPI_ISL_951476, EPI_ISL_951477, EPI_ISL_951478, EPI_ISL_951479, EPI_ISL_951480, EPI_ISL_951481, EPI_ISL_951482, EPI_ISL_951484, EPI_ISL_951485, EPI_ISL_951489			
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_951592, EPI_ISL_951634, EPI_ISL_951635, EPI_ISL_951637, EPI_ISL_951819, EPI_ISL_952187, EPI_ISL_952189, EPI_ISL_952190	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 Pacchiariini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_952386, EPI_ISL_952387, EPI_ISL_952393, EPI_ISL_952405, EPI_ISL_952410, EPI_ISL_952412, EPI_ISL_952416, EPI_ISL_952490, EPI_ISL_952522, EPI_ISL_952528, EPI_ISL_952538, EPI_ISL_952554, EPI_ISL_952673, EPI_ISL_952675, EPI_ISL_952677, EPI_ISL_952680, EPI_ISL_952689, EPI_ISL_952783, EPI_ISL_952820, EPI_ISL_952821, EPI_ISL_952830, EPI_ISL_952831, EPI_ISL_952832, EPI_ISL_952833, EPI_ISL_952834, EPI_ISL_952835, EPI_ISL_952842, EPI_ISL_952844, EPI_ISL_952845, EPI_ISL_952846, EPI_ISL_952847, EPI_ISL_952848, EPI_ISL_952849, EPI_ISL_952850, EPI_ISL_952852, EPI_ISL_952853			
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 Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_952858, EPI_ISL_952860, EPI_ISL_952862, EPI_ISL_952863, EPI_ISL_952865, EPI_ISL_952866, EPI_ISL_952868, EPI_ISL_952874, EPI_ISL_952876, EPI_ISL_952877, EPI_ISL_952878, EPI_ISL_952879, EPI_ISL_952880, EPI_ISL_952881, EPI_ISL_952882, EPI_ISL_952883, EPI_ISL_952884, EPI_ISL_952885, EPI_ISL_952886, EPI_ISL_952888, EPI_ISL_952889, EPI_ISL_952890, EPI_ISL_952891, EPI_ISL_952893, EPI_ISL_952894, EPI_ISL_952914, EPI_ISL_952917, EPI_ISL_952920, EPI_ISL_952923, EPI_ISL_952925, EPI_ISL_952926, EPI_ISL_952929, EPI_ISL_952934, EPI_ISL_952935, EPI_ISL_952937, EPI_ISL_952938			
see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izu, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_953083, EPI_ISL_953089, EPI_ISL_953096, EPI_ISL_953097, EPI_ISL_953098, EPI_ISL_953101, EPI_ISL_953102, EPI_ISL_953103, EPI_ISL_953104, EPI_ISL_953105, EPI_ISL_953107, EPI_ISL_953108, EPI_ISL_953109, EPI_ISL_953111, EPI_ISL_953113, EPI_ISL_953114, EPI_ISL_953115, EPI_ISL_953116, EPI_ISL_953117			
see above	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford
EPI_ISL_953523, EPI_ISL_953524, EPI_ISL_953525, EPI_ISL_953599, EPI_ISL_953600, EPI_ISL_953601	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegéot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_953986	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_953987	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Lagathu Gisèle
EPI_ISL_953988	Labo Analyses Med	National Reference Center for Viruses of Respiratory	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der

		Infections, Institut Pasteur, Paris	Werf,Selas Labormaine
EPI_ISL_953989	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,Lesimple BéAtrice
EPI_ISL_953990	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,Eloy Clarence
EPI_ISL_953991, EPI_ISL_953992, EPI_ISL_953993	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Lagathu GisèLe
EPI_ISL_954020	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,Breuil J.
EPI_ISL_954021	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,Isabelle Joly
EPI_ISL_954142, EPI_ISL_954156, EPI_ISL_954157, EPI_ISL_954158, EPI_ISL_954159, EPI_ISL_954160, EPI_ISL_954161, EPI_ISL_954162, EPI_ISL_954163, EPI_ISL_954164, EPI_ISL_954173, EPI_ISL_954174, EPI_ISL_954182			
see above	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_954783	Hospital Universitario Virgen de la Arrixaca	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Moreno, L.
EPI_ISL_954785	Complejo Asistencial Universitario de Salamanca	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Ávila,A.
EPI_ISL_954787	Hospital J.M. Morales Meseguer	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Navarro, D.
EPI_ISL_954795	HOSPITAL GENERAL RIO CARRION	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. García, A.
EPI_ISL_954797, EPI_ISL_954801, EPI_ISL_954803	Hospital Los Arcos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Camara, M.
EPI_ISL_954855	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_955064, EPI_ISL_955075	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Guinoiseau Thibault
EPI_ISL_955123	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_955177	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,Fourgeaud Jacques
EPI_ISL_955178, EPI_ISL_955179	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_955180, EPI_ISL_955181	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_955183	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Le Berre (D) David
EPI_ISL_955838, EPI_ISL_955844	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_959313, EPI_ISL_959317	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_959439	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_959566	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_959571, EPI_ISL_959572, EPI_ISL_959573, EPI_ISL_959574, EPI_ISL_959575, EPI_ISL_959576, EPI_ISL_959577, EPI_ISL_959578, EPI_ISL_959579, EPI_ISL_959581, EPI_ISL_959582			
see above	Labo Luc Olivier	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_959774, EPI_ISL_959775, EPI_ISL_959777, EPI_ISL_959778, EPI_ISL_959779, EPI_ISL_959780, EPI_ISL_959781, EPI_ISL_959782, EPI_ISL_959783, EPI_ISL_959784, EPI_ISL_959785, EPI_ISL_959786, EPI_ISL_959787, EPI_ISL_959788, EPI_ISL_959789, EPI_ISL_959790, EPI_ISL_959791, EPI_ISL_959792, EPI_ISL_959793, EPI_ISL_959794, EPI_ISL_959795, EPI_ISL_959796, EPI_ISL_959797, EPI_ISL_959807, EPI_ISL_959808, EPI_ISL_959809, EPI_ISL_959811, EPI_ISL_959812, EPI_ISL_959813, EPI_ISL_959814, EPI_ISL_959815, EPI_ISL_959816, EPI_ISL_959817, EPI_ISL_959818, EPI_ISL_959819, EPI_ISL_959820, EPI_ISL_959821, EPI_ISL_959822, EPI_ISL_959823, EPI_ISL_959824, EPI_ISL_959825, EPI_ISL_959826, EPI_ISL_959827, EPI_ISL_959828, EPI_ISL_959829, EPI_ISL_959830, EPI_ISL_959831, EPI_ISL_959832			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun
EPI_ISL_960406	The National Institute of Public Health	State Veterinary Institute Prague	Nagy A;Vecerova,J;Cernikova,L;Stara,M;Jirincova,H;Trnka,D
EPI_ISL_961052, EPI_ISL_961053, EPI_ISL_961054	SIESP DIPARTIMENTO DI PREVENZIONE 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_961055, EPI_ISL_961056	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_961057, EPI_ISL_961058, EPI_ISL_961059, EPI_ISL_961060	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_961061	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_961062	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_961063	SIESP DIPARTIMENTO DI PREVENZIONE 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_961064, EPI_ISL_961065	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_961084	SIESP TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961085	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_961086	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_961087, EPI_ISL_961088,	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G

EPI_ISL_961089		Caporale"	
EPI_ISL_961090, EPI_ISL_961091, EPI_ISL_961092	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_961093	Ospedale SS Annunziata	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_961094, EPI_ISL_961095	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIAE SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961215, EPI_ISL_961217, EPI_ISL_961220, EPI_ISL_961221, EPI_ISL_961222, EPI_ISL_961224, EPI_ISL_961227, EPI_ISL_961228, EPI_ISL_961229, EPI_ISL_961234, EPI_ISL_961238			
see above	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martin, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_961467, EPI_ISL_961468, EPI_ISL_961469	LESP Nuevo Leon/Grupo de Diagnostico ARIES	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_961581, EPI_ISL_961582	Hôpital Georges L. Dumont	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraaff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Richard Garceau, Guillaume Desnoyers, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_961804	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelovs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansons, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_962183	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_962335, EPI_ISL_962338	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_962521	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_962827	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_964295	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_965914	Hospital General Universitario de Ciudad Real	Instituto de Salud Carlos III	Vázquez, S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Illescas, S.
EPI_ISL_965920, EPI_ISL_965922, EPI_ISL_965924, EPI_ISL_965925	Servicio Murciano de Salud	Instituto de Salud Carlos III	Vázquez, S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_965926	Hospital General Universitario de Ciudad Real	Instituto de Salud Carlos III	Sandonis,V. Vázquez, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Illescas, S.
EPI_ISL_965927, EPI_ISL_965931	Servicio Murciano de Salud	Instituto de Salud Carlos III	Sandonis,V. Vázquez, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_965946	Hospital General Universitario de Ciudad Real	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis,V. Vázquez, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Illescas, S.
EPI_ISL_965953, EPI_ISL_965954	Servicio Murciano de Salud	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis,V. Vázquez, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_966497, EPI_ISL_966498, EPI_ISL_966499, EPI_ISL_966500, EPI_ISL_966501, EPI_ISL_966502, EPI_ISL_966503, EPI_ISL_966504, EPI_ISL_966505, EPI_ISL_966506, EPI_ISL_966507, EPI_ISL_966508, EPI_ISL_966509, EPI_ISL_966510, EPI_ISL_966511, EPI_ISL_966512, EPI_ISL_966514, EPI_ISL_966515, EPI_ISL_966516, EPI_ISL_966517, EPI_ISL_966518, EPI_ISL_966519, EPI_ISL_966520, EPI_ISL_966521, EPI_ISL_966522, EPI_ISL_966523, EPI_ISL_966524, EPI_ISL_966525, EPI_ISL_966526, EPI_ISL_966527, EPI_ISL_966528, EPI_ISL_966553, EPI_ISL_966554, EPI_ISL_966556, EPI_ISL_966557, EPI_ISL_966558, EPI_ISL_966559, EPI_ISL_966564, EPI_ISL_966566, EPI_ISL_966567, EPI_ISL_966568, EPI_ISL_966569, EPI_ISL_966570, EPI_ISL_966571, EPI_ISL_966572, EPI_ISL_966573, EPI_ISL_966574, EPI_ISL_966575, EPI_ISL_966576, EPI_ISL_966577, EPI_ISL_966578, EPI_ISL_966579, EPI_ISL_966580, EPI_ISL_966581, EPI_ISL_966582, EPI_ISL_966583, EPI_ISL_966584, EPI_ISL_966585, EPI_ISL_966586, EPI_ISL_966587, EPI_ISL_966588, EPI_ISL_966589, EPI_ISL_966590, EPI_ISL_966592, EPI_ISL_966593, EPI_ISL_966594, EPI_ISL_966595, EPI_ISL_966596, EPI_ISL_966597, EPI_ISL_966598, EPI_ISL_966599, EPI_ISL_966600			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani 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,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_971391, EPI_ISL_971436, EPI_ISL_971839, EPI_ISL_972072, EPI_ISL_972137, EPI_ISL_972139, EPI_ISL_972275, EPI_ISL_972618, EPI_ISL_972884, EPI_ISL_973523, EPI_ISL_973591, EPI_ISL_973672			
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_977538	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Dr. Sharon Belmar-George Avery Hinds, Jerome Foster, Stanley Giddings, Karla Georges, Marsha Ivey, Rahul Naidu, Risha Singh, SueMin Nathaniel, Rajini Haraksingh, Jaya Jayaraman, Chinna Chinnadurai, Adesh Ramsubhag, Nuno Faria, Oliver Pybus, Christopher Oura, Gabriel Escobar, Christine V. F. Carrington
EPI_ISL_977539, EPI_ISL_977583	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Avery Hinds, Dr. Sharon Belmar-George, Jerome Foster, Stanley Giddings, Karla Georges, Marsha Ivey, Rahul Naidu, Risha Singh, SueMin Nathaniel, Rajini Haraksingh, Jaya Jayaraman, Chinna Chinnadurai, Adesh Ramsubhag, Nuno Faria, Oliver Pybus, Christopher Oura, Gabriel Escobar, Christine V. F. Carrington
EPI_ISL_977597	Servicio Murciano de Salud	Instituto de Salud Carlos III	Vázquez, S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_978884, EPI_ISL_978885	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Chandima Jeewandara, Deshni Jayathilaka, Dinuka Ariyaratne, Tibutius Thanesh Pramanayagam, Diyanath Ranasinghe, Laksiri Gomes, Gathsaurie Neelika Malavige
EPI_ISL_979251, EPI_ISL_979252	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Patricija Pozvek,Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_979372	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Sanderson B, Srivastava A, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M
EPI_ISL_979453	University of Iowa Hospitals and Clinics	State Hygienic Laboratory at the University of Iowa	Valerie Reeb, Wes Hottel, Alankar Kampoowale
EPI_ISL_981270, EPI_ISL_981272, EPI_ISL_981295	Hospital Universitari de Bellvitge	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_981298, EPI_ISL_981299, EPI_ISL_981301, EPI_ISL_981302, EPI_ISL_981303	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_981970, EPI_ISL_981971, EPI_ISL_981972, EPI_ISL_981973, EPI_ISL_981974	Microbiology Service, Hospital Universitario Clínico San Cecilio, Granada	Microbiology Service, Hospital Universitario Clínico San Cecilio, Granada	Adolfo de Salazar, Natalia Chueca, Laura Viñuela, Ana Fuentes, Federico García
EPI_ISL_982273	Lab voor klinische biologie	Lab voor klinische biologie	Hannelore Hamerlinck, Marija Janevska, Bruno Verhasselt

EPI_ISL_982782, EPI_ISL_982798	University Health Network/Mount Sinai Hospital Department of Microbiology	Ontario Institute for Cancer Research	Marie-Ming Aynaud, Javier Hernandez, Seda Barutcu, Kin Chan, Jessica Bourke, Marc Mazzulli, Tony Mazzulli, Laurence Pelletier, Jeff Wrana, Aimee Paterson, Angel Liu, Allison McGeer, Patryk Aftanas, Kuganya Nirmalarajah, Samira Mubareka, Ilina Lungu, Cassandra Bergwerff, Lubaina Kothari, Bernard Lam, Paul Krzyzanowski, Michael Laszloffy, Lawrence E. Heisler, Richard de Borja, Jared T. Simpson
EPI_ISL_982885, EPI_ISL_982886	MEPHI Aix Marseille University (AMU)	MEPHI Aix Marseille University (AMU)	Anthony LEVASSEUR
EPI_ISL_982968, EPI_ISL_983184, EPI_ISL_983189	University Health Network/Mount Sinai Hospital Department of Microbiology	Ontario Institute for Cancer Research	Marie-Ming Aynaud, Javier Hernandez, Seda Barutcu, Kin Chan, Jessica Bourke, Marc Mazzulli, Tony Mazzulli, Laurence Pelletier, Jeff Wrana, Aimee Paterson, Angel Liu, Allison McGeer, Patryk Aftanas, Kuganya Nirmalarajah, Samira Mubareka, Ilina Lungu, Cassandra Bergwerff, Lubaina Kothari, Bernard Lam, Paul Krzyzanowski, Michael Laszloffy, Lawrence E. Heisler, Richard de Borja, Jared T. Simpson
EPI_ISL_984880	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_987308, EPI_ISL_987314, EPI_ISL_987316, EPI_ISL_987320, EPI_ISL_987323, EPI_ISL_987324	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987327, EPI_ISL_987333, EPI_ISL_987336	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987337, EPI_ISL_987341, EPI_ISL_987347, EPI_ISL_987349, EPI_ISL_987350, EPI_ISL_987354, EPI_ISL_987359, EPI_ISL_987360, EPI_ISL_987362, EPI_ISL_987370, EPI_ISL_987375, EPI_ISL_987376, EPI_ISL_987385, EPI_ISL_987394, EPI_ISL_987404, EPI_ISL_987405			
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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987410	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987436, EPI_ISL_987437, EPI_ISL_987439, EPI_ISL_987440	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987448	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987450	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987469	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987470, EPI_ISL_987483, EPI_ISL_987485, EPI_ISL_987486, EPI_ISL_987497, EPI_ISL_987502, EPI_ISL_987503, EPI_ISL_987511	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987524	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987529	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987534	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987535, EPI_ISL_987536, EPI_ISL_987550, EPI_ISL_987568, EPI_ISL_987571, EPI_ISL_987576	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987584	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987616, EPI_ISL_987619	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987620	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987621, EPI_ISL_987629	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 ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_991351, EPI_ISL_991355, EPI_ISL_991358, EPI_ISL_991359, EPI_ISL_991367, EPI_ISL_991368, EPI_ISL_991370, EPI_ISL_991377, EPI_ISL_991379, EPI_ISL_991381, EPI_ISL_991382, EPI_ISL_991383, EPI_ISL_991385, EPI_ISL_991386, EPI_ISL_991387, EPI_ISL_991389, EPI_ISL_991395, EPI_ISL_991397, EPI_ISL_991399, EPI_ISL_991403, EPI_ISL_991409, EPI_ISL_991412, EPI_ISL_991417, EPI_ISL_991419, EPI_ISL_991422, EPI_ISL_991428, EPI_ISL_991432, EPI_ISL_991434, EPI_ISL_991435, EPI_ISL_991437, EPI_ISL_991443, EPI_ISL_991446, EPI_ISL_991448, EPI_ISL_991450, EPI_ISL_991451, EPI_ISL_991453, EPI_ISL_991455, EPI_ISL_991458, EPI_ISL_991460, EPI_ISL_991464, EPI_ISL_991465, EPI_ISL_991467, EPI_ISL_991470, EPI_ISL_991475, EPI_ISL_991476, EPI_ISL_991478, EPI_ISL_991482, EPI_ISL_991486, EPI_ISL_991489, EPI_ISL_991491, EPI_ISL_991493, EPI_ISL_991494, EPI_ISL_991496, EPI_ISL_991498, EPI_ISL_991499, EPI_ISL_991500, EPI_ISL_991502, EPI_ISL_991503, EPI_ISL_991506, EPI_ISL_991515, EPI_ISL_991517, EPI_ISL_991525, EPI_ISL_991527, EPI_ISL_991528, EPI_ISL_991530, EPI_ISL_991531, EPI_ISL_991532, EPI_ISL_991534, EPI_ISL_991536, EPI_ISL_991540, EPI_ISL_991543, EPI_ISL_991544, EPI_ISL_991546, EPI_ISL_991547, EPI_ISL_991548, EPI_ISL_991551, EPI_ISL_991553, EPI_ISL_991556, EPI_ISL_991558, EPI_ISL_991561			
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_992009, EPI_ISL_992083, EPI_ISL_992092, EPI_ISL_992166, EPI_ISL_992172, EPI_ISL_992226, EPI_ISL_992258, EPI_ISL_992261, EPI_ISL_992283, EPI_ISL_992305, EPI_ISL_992360, EPI_ISL_992362			
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_992437, EPI_ISL_992439, EPI_ISL_992449, EPI_ISL_992460, EPI_ISL_992463, EPI_ISL_992466, EPI_ISL_992486, EPI_ISL_992547, EPI_ISL_992549, EPI_ISL_992643, EPI_ISL_992665, EPI_ISL_992694, EPI_ISL_992701, EPI_ISL_992710, EPI_ISL_992722, EPI_ISL_992729, EPI_ISL_992743, EPI_ISL_992800, EPI_ISL_992858, EPI_ISL_992864, EPI_ISL_992866, EPI_ISL_992930, EPI_ISL_993012, EPI_ISL_993015, EPI_ISL_993017, EPI_ISL_993022, EPI_ISL_993043, EPI_ISL_993044, EPI_ISL_993046, EPI_ISL_993047, EPI_ISL_993048, EPI_ISL_993051, EPI_ISL_993052, EPI_ISL_993055, EPI_ISL_993058, EPI_ISL_993059, EPI_ISL_993060, EPI_ISL_993061, EPI_ISL_993062, EPI_ISL_993063, EPI_ISL_993064, EPI_ISL_993066, EPI_ISL_993067, EPI_ISL_993068, EPI_ISL_993069, EPI_ISL_993071, EPI_ISL_993072, EPI_ISL_993073, EPI_ISL_993075, EPI_ISL_993078, EPI_ISL_993079, EPI_ISL_993081,			

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EPI_ISL_994542	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_994544	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_994545	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_994546	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_994547, EPI_ISL_994551, EPI_ISL_994552, EPI_ISL_994554, EPI_ISL_994555, EPI_ISL_994556, EPI_ISL_994557, EPI_ISL_994558, EPI_ISL_994559, EPI_ISL_994560, EPI_ISL_994561, EPI_ISL_994564, EPI_ISL_994565, EPI_ISL_994566, EPI_ISL_994567, EPI_ISL_994569, EPI_ISL_994571, EPI_ISL_994572, EPI_ISL_994573, EPI_ISL_994574, EPI_ISL_994575, EPI_ISL_994576, EPI_ISL_994578, EPI_ISL_994579, EPI_ISL_994580, EPI_ISL_994582, EPI_ISL_994583, EPI_ISL_994584, EPI_ISL_994585, EPI_ISL_994588, EPI_ISL_994591, EPI_ISL_994592, EPI_ISL_994593, EPI_ISL_994594, EPI_ISL_994595, EPI_ISL_994597, EPI_ISL_994598, EPI_ISL_994599, EPI_ISL_994601, EPI_ISL_994602, EPI_ISL_994603, EPI_ISL_994604, EPI_ISL_994606, EPI_ISL_994607			
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_994610	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_994611, EPI_ISL_994612, EPI_ISL_994613, EPI_ISL_994614, EPI_ISL_994616, EPI_ISL_994617, EPI_ISL_994618, EPI_ISL_994621, EPI_ISL_994625, EPI_ISL_994627, EPI_ISL_994628, EPI_ISL_994631, EPI_ISL_994632, EPI_ISL_994638, EPI_ISL_994640, EPI_ISL_994642, EPI_ISL_994644, EPI_ISL_994645, EPI_ISL_994647, EPI_ISL_994648			
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_995544	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_995560, EPI_ISL_995561	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_995711, EPI_ISL_995712	BANGALORE MEDICAL COLLEGE AND RESEARCH INSTITUTE	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
EPI_ISL_995848, EPI_ISL_995849, EPI_ISL_995850, EPI_ISL_995851, EPI_ISL_995852, EPI_ISL_995853, EPI_ISL_995855, EPI_ISL_995856, EPI_ISL_995857, EPI_ISL_995858, EPI_ISL_995859, EPI_ISL_995860, EPI_ISL_995861, EPI_ISL_995862, EPI_ISL_995863, EPI_ISL_995864, EPI_ISL_995865, EPI_ISL_995866, EPI_ISL_995867, EPI_ISL_995868, EPI_ISL_995869, EPI_ISL_995870, EPI_ISL_995871, EPI_ISL_995903, EPI_ISL_995932, EPI_ISL_995963			
see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kerkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_996389, EPI_ISL_996390, EPI_ISL_996391, EPI_ISL_996392, EPI_ISL_996393, EPI_ISL_996394, EPI_ISL_996397, EPI_ISL_996398, EPI_ISL_996399, EPI_ISL_996400, EPI_ISL_996425, EPI_ISL_996426, EPI_ISL_996447, EPI_ISL_996450, EPI_ISL_996451			
see above	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology, University of Birmingham: Claire McMurray, Joanne Stockton, Samuel Nicholls, Radoslaw Poplawski, Will Rowe, Josh Quick, Nicholas Loman. University of Birmingham Testing Laboratory: Celina M Whalley, Andrew Bosworth, Charlotte Poxon, Kasun Wanigasooriya, Oliver Pickles, Mike Kidd, Alex Richter, Andrew D Beggs PHE Heartlands Lab: Husam Osman, Andrew Bosworth. Queen Elizabeth Hospital: Anna Casey Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
EPI_ISL_996572, EPI_ISL_996573, EPI_ISL_996574, EPI_ISL_996575, EPI_ISL_996590, EPI_ISL_996593			
EPI_ISL_996700, EPI_ISL_996702, EPI_ISL_996706, EPI_ISL_996714, EPI_ISL_996716, EPI_ISL_996718, EPI_ISL_996721, EPI_ISL_996723	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_997061	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 McLean, Rory Connor; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_997077, EPI_ISL_997151, EPI_ISL_997152, EPI_ISL_997153, EPI_ISL_997154, EPI_ISL_997155, EPI_ISL_997157, EPI_ISL_997158	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_997405, EPI_ISL_997413, EPI_ISL_997414, EPI_ISL_997416, EPI_ISL_997417	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_997625, EPI_ISL_997626, EPI_ISL_997627, EPI_ISL_997628, EPI_ISL_997642, EPI_ISL_997645, EPI_ISL_997646, EPI_ISL_997647, EPI_ISL_997648, EPI_ISL_997649, EPI_ISL_997650, EPI_ISL_997651			
see above	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_997678, EPI_ISL_997680, EPI_ISL_997681, EPI_ISL_997682, EPI_ISL_997997, EPI_ISL_997998, EPI_ISL_997999, EPI_ISL_998000, EPI_ISL_998001	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_998149, EPI_ISL_998165, EPI_ISL_998166, EPI_ISL_998168, EPI_ISL_998169, EPI_ISL_998180, EPI_ISL_998199, EPI_ISL_998212, EPI_ISL_998213, EPI_ISL_998214, EPI_ISL_998217, EPI_ISL_998222, EPI_ISL_998223, EPI_ISL_998224, EPI_ISL_998249, EPI_ISL_998250, EPI_ISL_998251, EPI_ISL_998253, EPI_ISL_998254, EPI_ISL_998255, EPI_ISL_998258, EPI_ISL_998259, EPI_ISL_998260, EPI_ISL_998261, EPI_ISL_998262, EPI_ISL_998263, EPI_ISL_998311			
see above	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_998342, EPI_ISL_998343, EPI_ISL_998344, EPI_ISL_998345, EPI_ISL_998347, EPI_ISL_998348, EPI_ISL_998349, EPI_ISL_998350, EPI_ISL_998364, EPI_ISL_998380, EPI_ISL_998381, EPI_ISL_998382, EPI_ISL_998383, EPI_ISL_998384, EPI_ISL_998385, EPI_ISL_998386, EPI_ISL_998387, EPI_ISL_998388, EPI_ISL_998389, EPI_ISL_998390, EPI_ISL_998391, EPI_ISL_998393, EPI_ISL_998394, EPI_ISL_998395, EPI_ISL_998398, EPI_ISL_998399, EPI_ISL_998400, EPI_ISL_998401, EPI_ISL_998402, EPI_ISL_998405, EPI_ISL_998407, EPI_ISL_998408, EPI_ISL_998409, EPI_ISL_998410, EPI_ISL_998413, EPI_ISL_998441, EPI_ISL_998442, EPI_ISL_998443, EPI_ISL_998444, EPI_ISL_998447, EPI_ISL_998475			
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_998958, EPI_ISL_998960, EPI_ISL_998962, EPI_ISL_998963,	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\_998964, EPI\_ISL\_998965,  
EPI\_ISL\_998967, EPI\_ISL\_998970,  
EPI\_ISL\_998971

EPI\_ISL\_999135, EPI\_ISL\_999157, EPI\_ISL\_999158, EPI\_ISL\_999159, EPI\_ISL\_999160, EPI\_ISL\_999162, EPI\_ISL\_999163, EPI\_ISL\_999165, EPI\_ISL\_999168, EPI\_ISL\_999170, EPI\_ISL\_999173, EPI\_ISL\_999174, EPI\_ISL\_999175, EPI\_ISL\_999177, EPI\_ISL\_999178, EPI\_ISL\_999179, EPI\_ISL\_999180, EPI\_ISL\_999182,  
EPI\_ISL\_999183, EPI\_ISL\_999184, EPI\_ISL\_999196, EPI\_ISL\_999198, EPI\_ISL\_999200, EPI\_ISL\_999203, EPI\_ISL\_999219, EPI\_ISL\_999222, EPI\_ISL\_999225, EPI\_ISL\_999226, EPI\_ISL\_999290, EPI\_ISL\_999291, EPI\_ISL\_999292, EPI\_ISL\_999408, EPI\_ISL\_999409, EPI\_ISL\_999410, EPI\_ISL\_999411, EPI\_ISL\_999412,  
EPI\_ISL\_999413, EPI\_ISL\_999414, EPI\_ISL\_999416, EPI\_ISL\_999425, EPI\_ISL\_999426, EPI\_ISL\_999437, EPI\_ISL\_999438, EPI\_ISL\_999443, EPI\_ISL\_999444, EPI\_ISL\_999445, EPI\_ISL\_999453, EPI\_ISL\_999467, EPI\_ISL\_999468, EPI\_ISL\_999469, EPI\_ISL\_999473, EPI\_ISL\_999474, EPI\_ISL\_999475, EPI\_ISL\_999476,  
EPI\_ISL\_999478, EPI\_ISL\_999496, EPI\_ISL\_999497, EPI\_ISL\_999499, EPI\_ISL\_999500, EPI\_ISL\_999501, EPI\_ISL\_999502, EPI\_ISL\_999503

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COVID-19 Genomics UK (COG-UK) Consortium

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