

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

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EPI_ISL_1025063 EPI_ISL_1033078	National Laboratory for Health, Environment and Food	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1034933, EPI_ISL_1034937, EPI_ISL_1034968, EPI_ISL_1034969, EPI_ISL_1034981, EPI_ISL_1034987, EPI_ISL_1035039, EPI_ISL_1035041, EPI_ISL_1035057, EPI_ISL_1035069, EPI_ISL_1035070, EPI_ISL_1035075, EPI_ISL_1035113, EPI_ISL_1035120, EPI_ISL_1035139, EPI_ISL_1035147, EPI_ISL_1035150, EPI_ISL_1035151, EPI_ISL_1035156, EPI_ISL_1035189, EPI_ISL_1035197			
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_1035928	hopital Laboratoire de Virologie du CHU de Lille	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guigon Aurélie
EPI_ISL_1035979, EPI_ISL_1035982, EPI_ISL_1035995	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_1038795	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias
EPI_ISL_1038975, EPI_ISL_1038976	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wylie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1038982, EPI_ISL_1038983	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wylie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1040466	Vivalia - Clinique Saint-Joseph	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1041204, EPI_ISL_1041205	Hungarian Defence Forces Military Medical Centre	National Laboratory of Virology, Szentágotthai Research Centre	Endre Gábor Tóth, Balázs Somogyi, Ágnes Balázs-Nagy, Csaba Pereszlényi, Ferenc Jakab, Gábor Kemenesi
EPI_ISL_1043901, EPI_ISL_1043916, EPI_ISL_1043951, EPI_ISL_1043957, EPI_ISL_1044001, EPI_ISL_1044005, EPI_ISL_1044006, EPI_ISL_1044055, EPI_ISL_1044064, EPI_ISL_1044159, EPI_ISL_1044180, EPI_ISL_1044207, EPI_ISL_1044213			
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1046133, EPI_ISL_1046236, EPI_ISL_1046278, EPI_ISL_1046310	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1047001, EPI_ISL_1047004, EPI_ISL_1047009, EPI_ISL_1047011, EPI_ISL_1047022	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_1047148, EPI_ISL_1047149, EPI_ISL_1047150, EPI_ISL_1047151, EPI_ISL_1047152, EPI_ISL_1047153, EPI_ISL_1047154, EPI_ISL_1047156, EPI_ISL_1047157, EPI_ISL_1047158, EPI_ISL_1047159, EPI_ISL_1047182, EPI_ISL_1047184, EPI_ISL_1047187, EPI_ISL_1047191, EPI_ISL_1047266, EPI_ISL_1047300, EPI_ISL_1047301, EPI_ISL_1047331, EPI_ISL_1047385, EPI_ISL_1047472, EPI_ISL_1047511, EPI_ISL_1047535, EPI_ISL_1047567, EPI_ISL_1047568, EPI_ISL_1047569, EPI_ISL_1047570, EPI_ISL_1047571, EPI_ISL_1047572, EPI_ISL_1047573, EPI_ISL_1047574, EPI_ISL_1047575, EPI_ISL_1047576, EPI_ISL_1047577, EPI_ISL_1047578, EPI_ISL_1047579, EPI_ISL_1047580, EPI_ISL_1047581			
see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Ilana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_1047647, EPI_ISL_1047648, EPI_ISL_1047649, EPI_ISL_1047650, EPI_ISL_1047651, EPI_ISL_1047652, EPI_ISL_1047653, EPI_ISL_1047654, EPI_ISL_1047655, EPI_ISL_1047656, EPI_ISL_1047657, EPI_ISL_1047658, EPI_ISL_1047659, EPI_ISL_1047660, EPI_ISL_1047661, EPI_ISL_1047662, EPI_ISL_1047663, EPI_ISL_1047664, EPI_ISL_1047665, EPI_ISL_1047666, EPI_ISL_1047667, EPI_ISL_1047668, EPI_ISL_1047669, EPI_ISL_1047670, EPI_ISL_1047671, EPI_ISL_1047672, EPI_ISL_1047673, EPI_ISL_1047674, EPI_ISL_1047675, EPI_ISL_1047676, EPI_ISL_1047677, EPI_ISL_1047678			
see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Agyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1047893	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_1048017, EPI_ISL_1048018, EPI_ISL_1048019, EPI_ISL_1048020, EPI_ISL_1048021	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_1048054, EPI_ISL_1048066, EPI_ISL_1048076, EPI_ISL_1048083	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_1048210, EPI_ISL_1048211, EPI_ISL_1048212, EPI_ISL_1048213, EPI_ISL_1048214, EPI_ISL_1048215	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_1048814, EPI_ISL_1048815, EPI_ISL_1048816, EPI_ISL_1048843, EPI_ISL_1048877, EPI_ISL_1048897, EPI_ISL_1048898, EPI_ISL_1048934, EPI_ISL_1048935, EPI_ISL_1048936, EPI_ISL_1048937, EPI_ISL_1048938, EPI_ISL_1049029, EPI_ISL_1049031, EPI_ISL_1049032, EPI_ISL_1049033, EPI_ISL_1049034, EPI_ISL_1049035, EPI_ISL_1049077, EPI_ISL_1049088, EPI_ISL_1049089, EPI_ISL_1049090			
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-Carreras, Piet Maes
EPI_ISL_1049483	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1051594, EPI_ISL_1051622, EPI_ISL_1051624, EPI_ISL_1051860, EPI_ISL_1051861, EPI_ISL_1051862, EPI_ISL_1051870, EPI_ISL_1051871, EPI_ISL_1051896	Oxford Viroomics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1051920, EPI_ISL_1051922, EPI_ISL_1051923, EPI_ISL_1051924, EPI_ISL_1051925, EPI_ISL_1051926, EPI_ISL_1051927, EPI_ISL_1051928, EPI_ISL_1051929, EPI_ISL_1051930, EPI_ISL_1051932, EPI_ISL_1051934, EPI_ISL_1051935, EPI_ISL_1051936, EPI_ISL_1051937, EPI_ISL_1051938, EPI_ISL_1051939, EPI_ISL_1051940, EPI_ISL_1051941, EPI_ISL_1051942, EPI_ISL_1051944, EPI_ISL_1051946, EPI_ISL_1051947, EPI_ISL_1051948, EPI_ISL_1051949, EPI_ISL_1051950, EPI_ISL_1051952, EPI_ISL_1051953, EPI_ISL_1051954, EPI_ISL_1051955, EPI_ISL_1051956, EPI_ISL_1051957, EPI_ISL_1051958, EPI_ISL_1051959, EPI_ISL_1051961, EPI_ISL_1051962, EPI_ISL_1051963, EPI_ISL_1051964, EPI_ISL_1051966, EPI_ISL_1051967, EPI_ISL_1051968, EPI_ISL_1051969, EPI_ISL_1051970, EPI_ISL_1051971, EPI_ISL_1051972, EPI_ISL_1051973, EPI_ISL_1051974, EPI_ISL_1051975, EPI_ISL_1051976, EPI_ISL_1051978, EPI_ISL_1051979, EPI_ISL_1051981, EPI_ISL_1051982, EPI_ISL_1051983, EPI_ISL_1051984, EPI_ISL_1051985, EPI_ISL_1051986, EPI_ISL_1051988, EPI_ISL_1051989, EPI_ISL_1051990, EPI_ISL_1051991, EPI_ISL_1051992, EPI_ISL_1051993, EPI_ISL_1051994, EPI_ISL_1051995, EPI_ISL_1051997, EPI_ISL_1051999, EPI_ISL_1052000, EPI_ISL_1052001, EPI_ISL_1052002, EPI_ISL_1052003, EPI_ISL_1052004, EPI_ISL_1052005, EPI_ISL_1052006, EPI_ISL_1052007, EPI_ISL_1052008, EPI_ISL_1052009, EPI_ISL_1052010, EPI_ISL_1052011, EPI_ISL_1052012, EPI_ISL_1052014, EPI_ISL_1052015, EPI_ISL_1052016, EPI_ISL_1052017, EPI_ISL_1052018, EPI_ISL_1052051, EPI_ISL_1052480			
see above	Originating lab: Wales Specialist Virology Centre Sequencing	Public Health Wales Microbiology Cardiff Wales Specialist	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree

	lab: Pathogen Genomics Unit	Virology Centre	Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1053830, EPI_ISL_1053840, EPI_ISL_1053841, EPI_ISL_1053842, EPI_ISL_1053843, EPI_ISL_1053891, EPI_ISL_1053892, EPI_ISL_1053936, EPI_ISL_1053937	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_1055113, EPI_ISL_1055184, EPI_ISL_1055187, EPI_ISL_1055188	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_1055749, EPI_ISL_1055750	QEII Health Sciences Centre	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Todd Hatchette, Jason LeBlanc, Janice Pettipas, Dan Gaston, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_1056987, EPI_ISL_1056988, EPI_ISL_1056989	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_1057726, EPI_ISL_1057739, EPI_ISL_1057745, EPI_ISL_1057752, EPI_ISL_1057757	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_1058520, EPI_ISL_1058521, EPI_ISL_1058522, EPI_ISL_1058523, EPI_ISL_1058524, EPI_ISL_1058525, EPI_ISL_1058526, EPI_ISL_1058528, EPI_ISL_1058529, EPI_ISL_1058530, EPI_ISL_1058531			
see above	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1059044	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1059358	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_1059928, EPI_ISL_1059929, EPI_ISL_1059930	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_1059934, EPI_ISL_1059935	HOSPITAL DE MERIDA - SERVICIO DE CONTABILIDAD - C.D.02	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Sánchez, J.
EPI_ISL_1059950	GERENCIA DE ASISITENCIA SANITARIA DE SORIA	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonis, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Aldea, C.
EPI_ISL_1059967	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Sandonis, V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059975, EPI_ISL_1059979	HOSPITAL UNIV. MIGUEL SERVET	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis, V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Miliagro, A. M.
EPI_ISL_1060338	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, Delepine Alain
EPI_ISL_1060382	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_1064497	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1065227, EPI_ISL_1065871, EPI_ISL_1066048, EPI_ISL_1066195, EPI_ISL_1067074, EPI_ISL_1067112, EPI_ISL_1067214	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1073165, EPI_ISL_1073232, EPI_ISL_1073233, EPI_ISL_1073234, EPI_ISL_1073235, EPI_ISL_1073236, EPI_ISL_1073237, EPI_ISL_1073251, EPI_ISL_1073252, EPI_ISL_1073341, EPI_ISL_1073342, EPI_ISL_1073343, EPI_ISL_1073344, EPI_ISL_1073345, EPI_ISL_1073346, EPI_ISL_1073347, EPI_ISL_1073348, EPI_ISL_1073349, EPI_ISL_1073350, EPI_ISL_1073351, EPI_ISL_1073352, EPI_ISL_1073353, EPI_ISL_1073354, EPI_ISL_1073355, EPI_ISL_1073356, EPI_ISL_1073357, EPI_ISL_1073377, EPI_ISL_1073378, EPI_ISL_1073379, EPI_ISL_1073380, EPI_ISL_1073381, EPI_ISL_1073382			
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EPI_ISL_1073862, EPI_ISL_1073864, EPI_ISL_1073875	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1079161	IAL Regional de Bauru	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_1080346	NJ Rapid Response Teams	NJ-PHEL	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1081272, EPI_ISL_1081273, EPI_ISL_1081281, EPI_ISL_1081282	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, 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, Xuxiang Tong, Duncan MacCannell
EPI_ISL_1081822	Parkway Medical and 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. Llamas, 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_1081830	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. Llamas, 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_1081832, EPI_ISL_1081841	The Lord's Grace Medical and Industrial Clinic	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. Llamas, 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_1081965, EPI_ISL_1081971, EPI_ISL_1081973, EPI_ISL_1081977, EPI_ISL_1081979, EPI_ISL_1081981, EPI_ISL_1081983, EPI_ISL_1081986, EPI_ISL_1081995, EPI_ISL_1081996, EPI_ISL_1081997, EPI_ISL_1081998, EPI_ISL_1081999, EPI_ISL_1082000, EPI_ISL_1082001, EPI_ISL_1082009, EPI_ISL_1082010,			

EPI_ISL_1082011, EPI_ISL_1082012, EPI_ISL_1082013, EPI_ISL_1082014, EPI_ISL_1082015, EPI_ISL_1082016, EPI_ISL_1082043, EPI_ISL_1082046, EPI_ISL_1082047, EPI_ISL_1082048, EPI_ISL_1082050, EPI_ISL_1082051, EPI_ISL_1082052, EPI_ISL_1082053, EPI_ISL_1082054, EPI_ISL_1082055, EPI_ISL_1082056, EPI_ISL_1082057, EPI_ISL_1082058, EPI_ISL_1082061, EPI_ISL_1082062, EPI_ISL_1082067, EPI_ISL_1082068, EPI_ISL_1082069, EPI_ISL_1082073, EPI_ISL_1082074, EPI_ISL_1082076, EPI_ISL_1082077, EPI_ISL_1082079, EPI_ISL_1082080, EPI_ISL_1082081, EPI_ISL_1082082, EPI_ISL_1082083, EPI_ISL_1082084, EPI_ISL_1082086, EPI_ISL_1082087, EPI_ISL_1082088, EPI_ISL_1082089, EPI_ISL_1082095, EPI_ISL_1082099, EPI_ISL_1082100, EPI_ISL_1082101, EPI_ISL_1082102, EPI_ISL_1082118, EPI_ISL_1082119, EPI_ISL_1082121, EPI_ISL_1082122, EPI_ISL_1082123, EPI_ISL_1082124, EPI_ISL_1082125, EPI_ISL_1082126, EPI_ISL_1082127, EPI_ISL_1082128, EPI_ISL_1082129, EPI_ISL_1082131, EPI_ISL_1082133, EPI_ISL_1082135, EPI_ISL_1082145, EPI_ISL_1082152, EPI_ISL_1082153			
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EPI_ISL_1082322	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082323	Spital Limmattal	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082324, EPI_ISL_1082367	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1085094, EPI_ISL_1085174	Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan	Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan	Alessia Lai, Annalisa Bergna, Carla Della Ventura, Claudia Balotta, Massimo Galli, Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group
EPI_ISL_1088557	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_1088577	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_1089593, EPI_ISL_1089641, EPI_ISL_1089642, EPI_ISL_1089643	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_1091147, EPI_ISL_1091156, EPI_ISL_1091167, EPI_ISL_1091168	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1091405	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1092362, EPI_ISL_1092380, EPI_ISL_1092381, EPI_ISL_1092402, EPI_ISL_1092403, EPI_ISL_1092404, EPI_ISL_1092405, EPI_ISL_1092406, EPI_ISL_1092407, EPI_ISL_1092408, EPI_ISL_1092409, EPI_ISL_1092410, EPI_ISL_1092411, EPI_ISL_1092412, EPI_ISL_1092413, EPI_ISL_1092414, EPI_ISL_1092433, EPI_ISL_1092434, EPI_ISL_1092435, EPI_ISL_1092478, EPI_ISL_1092479, EPI_ISL_1092480, EPI_ISL_1092481, EPI_ISL_1092482, EPI_ISL_1092483, EPI_ISL_1092484, EPI_ISL_1092485, EPI_ISL_1092486, EPI_ISL_1092506, EPI_ISL_1092507, EPI_ISL_1092539, EPI_ISL_1092563, EPI_ISL_1092564, EPI_ISL_1092565, EPI_ISL_1092566, EPI_ISL_1092567, EPI_ISL_1092568, EPI_ISL_1092569, EPI_ISL_1092570, EPI_ISL_1092571, EPI_ISL_1092572, EPI_ISL_1092573, EPI_ISL_1092574, EPI_ISL_1092630, EPI_ISL_1092631, EPI_ISL_1092642, EPI_ISL_1092737, EPI_ISL_1092738, EPI_ISL_1092739, EPI_ISL_1092740, EPI_ISL_1092741, EPI_ISL_1092742, EPI_ISL_1092743, EPI_ISL_1092744, EPI_ISL_1092745, EPI_ISL_1092746, EPI_ISL_1092747, EPI_ISL_1092748, 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EPI_ISL_1096258	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, LefeuvreCaroline
EPI_ISL_1104262, EPI_ISL_1104263	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_1104374, EPI_ISL_1104387	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_1104777, EPI_ISL_1104786, EPI_ISL_1104799, EPI_ISL_1104805, EPI_ISL_1104806, EPI_ISL_1104807, EPI_ISL_1104808, EPI_ISL_1104812, EPI_ISL_1104813, EPI_ISL_1104814, EPI_ISL_1104815, EPI_ISL_1104817, EPI_ISL_1104821, EPI_ISL_1104822, EPI_ISL_1104828, EPI_ISL_1104829, EPI_ISL_1104831, EPI_ISL_1105079, EPI_ISL_1105084, EPI_ISL_1105091, EPI_ISL_1105332			
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EPI_ISL_1105465, EPI_ISL_1105470	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_1105847, EPI_ISL_1105849, EPI_ISL_1105850, EPI_ISL_1105851, EPI_ISL_1105852, EPI_ISL_1105853	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McCure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1107634, EPI_ISL_1107650, EPI_ISL_1107651, EPI_ISL_1107652	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_1109636	Althaia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafael Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_1110899, EPI_ISL_1110929, EPI_ISL_1110930	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Pilorge LéA
EPI_ISL_1116828	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_1118329, EPI_ISL_1118330	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118331	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118332	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118333	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118334	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118416, EPI_ISL_1118417	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1120372	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

[illegible]

EPI_ISL_1132207 EPI_ISL_1133279	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler	
	Laboratório Hermes Pardini	Laboratório de Biologia Integrativa, Instituto de Ciências Biológicas, Universidade Federal de Minas Gerais	Sarah Schmedes, Jason Blanton Filipe Romero Rebelo 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_1134977, EPI_ISL_1134979, EPI_ISL_1134982, EPI_ISL_1134999 EPI_ISL_1141621	BIOMNIS LYON Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	CNR Virus des Infections Respiratoires - France SUD Robert Koch Institute	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset unknown	
EPI_ISL_1141707, EPI_ISL_1141723, EPI_ISL_1141737	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown	
EPI_ISL_1142193, EPI_ISL_1142203	MVZ Labor Krone GbR	Robert Koch Institute	unknown	
EPI_ISL_1142235	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown	
EPI_ISL_1142308	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown	
EPI_ISL_1142402, EPI_ISL_1142424	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown	
EPI_ISL_1142584, EPI_ISL_1142591, EPI_ISL_1142595, EPI_ISL_1142598, EPI_ISL_1142601, EPI_ISL_1142602, EPI_ISL_1142605, EPI_ISL_1142606, EPI_ISL_1142612, EPI_ISL_1142620, EPI_ISL_1142627, EPI_ISL_1142637, EPI_ISL_1142641, EPI_ISL_1142652	see above	Robert Koch Institute	unknown	
EPI_ISL_1142706, EPI_ISL_1142707, EPI_ISL_1142708, EPI_ISL_1142709	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown	
EPI_ISL_1142710, EPI_ISL_1142711, EPI_ISL_1142712	amedes MVZ Jena	Robert Koch Institute	unknown	
EPI_ISL_1142808	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown	
EPI_ISL_1142892	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown	
EPI_ISL_1143052	Labor 28 MVZ GmbH	Robert Koch Institute	unknown	
EPI_ISL_1143129	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown	
EPI_ISL_1143182, EPI_ISL_1143216	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1143218, EPI_ISL_1143228, EPI_ISL_1143254	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown	
EPI_ISL_1143806, EPI_ISL_1143808, EPI_ISL_1143837	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown	
EPI_ISL_1144282	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown	
EPI_ISL_1144358, EPI_ISL_1144691, EPI_ISL_1144797	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown	
EPI_ISL_1144814, EPI_ISL_1144815	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown	
EPI_ISL_1145270	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown	
EPI_ISL_1145496, EPI_ISL_1145497, EPI_ISL_1145499, EPI_ISL_1145506, EPI_ISL_1145523	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown	
EPI_ISL_1145738, EPI_ISL_1145752, EPI_ISL_1145801, EPI_ISL_1145844, EPI_ISL_1145910	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1145942	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown	
EPI_ISL_1145966	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145993	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown	
EPI_ISL_1146154	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown	
EPI_ISL_1146160	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown	
EPI_ISL_1147120	MVZ Labor Dr. Quade & Kollegen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1147595	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown	
EPI_ISL_1148077, EPI_ISL_1148090, EPI_ISL_1148100, EPI_ISL_1148106, EPI_ISL_1148113, EPI_ISL_1148142, EPI_ISL_1148143, EPI_ISL_1148147, EPI_ISL_1148154, EPI_ISL_1151840	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown	
EPI_ISL_1158370, EPI_ISL_1158524	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK	
EPI_ISL_1159135	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandoñis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.ROMAN SOTO, SERGIO	
EPI_ISL_1159148, EPI_ISL_1159149	HOSPITAL UNIVERSITARIO VIRGEN DE LA ARRIXACA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandoñis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.MORENO PARRADO, LAURA	
EPI_ISL_1164289	Centro Hospitalar de Entre o Douro e Vouga (CHEDV)	Institute of Biomedicine (IBIMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patrícia Arinto, Miguel Pinheiro and Manuel Santos	

EPI_ISL_1164733, EPI_ISL_1164734, EPI_ISL_1164735, EPI_ISL_1164738, EPI_ISL_1164739, EPI_ISL_1164741, EPI_ISL_1164742	Department of Molecular Virology, Cyprus Institute of Neurology and Genetics	Department of Molecular Virology, Cyprus Institute of Neurology and Genetics	Jan Richter, Pavlos Fanis, Christina Tryfonos, Dana Koptides, George Krashias, Stavros Bashiards, Andreas Hadjisavvas, Maria Loizidou, Anastasis Oulas, Denise Alexandrou, Olga Kalakouta, Mihalis Panayiotidis, George Spyrou, Christina Christodoulou
EPI_ISL_1165011, EPI_ISL_1165026	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_1167199	HOSPITAL UNIVERSITARIO VIRGEN DE LA ARRIXACA	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.MORENO PARRADO, LAURA
EPI_ISL_1168738, EPI_ISL_1168739, EPI_ISL_1168740, EPI_ISL_1168741, EPI_ISL_1168742	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wylie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1171998, EPI_ISL_1172005, EPI_ISL_1172006, EPI_ISL_1172007	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1173229, EPI_ISL_1173230, EPI_ISL_1173246	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_1177729, EPI_ISL_1177730, EPI_ISL_1177731, EPI_ISL_1177732, EPI_ISL_1177733	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_1178207, EPI_ISL_1178208, EPI_ISL_1178209, EPI_ISL_1178210, EPI_ISL_1178211, EPI_ISL_1178212, EPI_ISL_1178213, EPI_ISL_1178214, EPI_ISL_1178287, EPI_ISL_1178288, EPI_ISL_1178289, EPI_ISL_1178290	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
EPI_ISL_1178440, EPI_ISL_1178451, EPI_ISL_1178461, EPI_ISL_1178466, EPI_ISL_1178473, EPI_ISL_1178481, EPI_ISL_1178485, EPI_ISL_1178486, EPI_ISL_1178490, EPI_ISL_1178491, EPI_ISL_1178492, EPI_ISL_1178494	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1179831, EPI_ISL_1179832, EPI_ISL_1179833	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_1185946	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_1190862, EPI_ISL_1190864	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1190873, EPI_ISL_1190874, EPI_ISL_1190875	NPC	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1191624	AZ St.Jan Brugge	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jorn Hellemans
EPI_ISL_1191680	BIOMNIS PARIS	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_1194093, EPI_ISL_1194098	Departamento de Microbiología, CDB, Hospital Clinic, Barcelona	SeqCOVID-SPAIN consortium/IBV(CSIC)	Andrea Vergara, Mikel Martínez, Elisa Rubio, Jéssica Navero, Aida Peiró and SeqCOVID-SPAIN consortium
EPI_ISL_1194364, EPI_ISL_1194365, EPI_ISL_1194366, EPI_ISL_1194371, EPI_ISL_1194373, EPI_ISL_1194377	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1195306, EPI_ISL_1195312, EPI_ISL_1195330, EPI_ISL_1195331, EPI_ISL_1195383	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_1198872, EPI_ISL_1198881, EPI_ISL_1198882, EPI_ISL_1199743, EPI_ISL_1199750, EPI_ISL_1199751	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_1209711	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_1214242, EPI_ISL_1214261, EPI_ISL_1214303, EPI_ISL_1214317, EPI_ISL_1214393, EPI_ISL_1214467, EPI_ISL_1214494, EPI_ISL_1214527, EPI_ISL_1214616, EPI_ISL_1214643, EPI_ISL_1214644, EPI_ISL_1214687, EPI_ISL_1214699, EPI_ISL_1214703, EPI_ISL_1214720, EPI_ISL_1214733, EPI_ISL_1214762, EPI_ISL_1214763, EPI_ISL_1214772, EPI_ISL_1214779, EPI_ISL_1214793, EPI_ISL_1214795, EPI_ISL_1214805, EPI_ISL_1214807, EPI_ISL_1214815, EPI_ISL_1214914, EPI_ISL_1214922, EPI_ISL_1214951, EPI_ISL_1214988, EPI_ISL_1215016, EPI_ISL_1215063, EPI_ISL_1215176, EPI_ISL_1215199, EPI_ISL_1215204, EPI_ISL_1215242, EPI_ISL_1215403	see above	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium
EPI_ISL_1216307, EPI_ISL_1216319, EPI_ISL_1216326	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_1225099, EPI_ISL_1225103, EPI_ISL_1225104, EPI_ISL_1225105, EPI_ISL_1225106, EPI_ISL_1225107	Servicio de Microbiología, Hospital Universitario Central de Asturias	SeqCOVID-SPAIN consortium/IBV(CSIC)	Cristián Castelló Abietar, Jose A. Boga, Susana Rojo-Alba, Marta Elena Álvarez-Argüelles, Santiago Melón and SeqCOVID-SPAIN consortium
EPI_ISL_1226529	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1233425, EPI_ISL_1233438	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning
EPI_ISL_1233497, EPI_ISL_1233499, EPI_ISL_1233561	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1233868	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning
EPI_ISL_1247689	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_1247818	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaichi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster	
EPI_ISL_1248209, EPI_ISL_1248210, EPI_ISL_1248211, EPI_ISL_1248212, EPI_ISL_1248213, EPI_ISL_1248214, EPI_ISL_1248215, EPI_ISL_1248216, EPI_ISL_1248217, EPI_ISL_1248218, EPI_ISL_1248221, EPI_ISL_1248222, EPI_ISL_1248223	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_1248902, EPI_ISL_1248903, EPI_ISL_1248905, EPI_ISL_1248906, EPI_ISL_1248907, EPI_ISL_1248908, EPI_ISL_1248909, EPI_ISL_1248910, EPI_ISL_1248911, EPI_ISL_1248912, EPI_ISL_1248913, EPI_ISL_1248914	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_1248939, EPI_ISL_1248942, EPI_ISL_1248944, EPI_ISL_1248963, EPI_ISL_1248978, EPI_ISL_1248980, EPI_ISL_1248986, EPI_ISL_1249010, EPI_ISL_1249016, EPI_ISL_1249017, EPI_ISL_1249021, EPI_ISL_1249031, EPI_ISL_1249037, EPI_ISL_1249038, EPI_ISL_1249041, EPI_ISL_1249044, EPI_ISL_1249047, EPI_ISL_1249051	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1250606	Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie	Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie	Alice Moisan, Fabienne De Oliveira, Marie Leoz	
EPI_ISL_1250737	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc	
EPI_ISL_1251665	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1251723	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_1251748	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_1251757	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1251782	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_1251843	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_1251915, EPI_ISL_1251922	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1251965, EPI_ISL_1251973, EPI_ISL_1251980	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_1254781	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_1261192, EPI_ISL_1261193, EPI_ISL_1261194, EPI_ISL_1261291	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_1278436, EPI_ISL_1278479, EPI_ISL_1278507, EPI_ISL_1278519, EPI_ISL_1278757, EPI_ISL_1278762, EPI_ISL_1278763	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab	
EPI_ISL_1279062, EPI_ISL_1279063, EPI_ISL_1279073	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti	
EPI_ISL_1289984, EPI_ISL_1290149, EPI_ISL_1290158, EPI_ISL_1290159, EPI_ISL_1290160, EPI_ISL_1290161, EPI_ISL_1290162, EPI_ISL_1290163, EPI_ISL_1290164, EPI_ISL_1290165, EPI_ISL_1290296	see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	
EPI_ISL_1296579, EPI_ISL_1296582, EPI_ISL_1296584	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team	
EPI_ISL_1297207, EPI_ISL_1297208, EPI_ISL_1297209, EPI_ISL_1297211, EPI_ISL_1297212, EPI_ISL_1297213, EPI_ISL_1297214, EPI_ISL_1297218, EPI_ISL_1297220, EPI_ISL_1297222, EPI_ISL_1297223, EPI_ISL_1297224, EPI_ISL_1297226	see above	BIOMNIS PARIS	CNR Virus des Infections Respiratoires - France SUD	
EPI_ISL_1297228	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_1297229, EPI_ISL_1297230, EPI_ISL_1297231, EPI_ISL_1297232, EPI_ISL_1297233, EPI_ISL_1297234, EPI_ISL_1297236, EPI_ISL_1297237, EPI_ISL_1297238, EPI_ISL_1297239, EPI_ISL_1297241, EPI_ISL_1297243, EPI_ISL_1297247, EPI_ISL_1297248, EPI_ISL_1297249, EPI_ISL_1297250, EPI_ISL_1297251, EPI_ISL_1297252, EPI_ISL_1297253, EPI_ISL_1297254, EPI_ISL_1297256, EPI_ISL_1297259, EPI_ISL_1297262, EPI_ISL_1297263, EPI_ISL_1297265, EPI_ISL_1297266, EPI_ISL_1297272, EPI_ISL_1297273, EPI_ISL_1297274, EPI_ISL_1297275, EPI_ISL_1297278, EPI_ISL_1297279, EPI_ISL_1297284, EPI_ISL_1297285, EPI_ISL_1297286, EPI_ISL_1297289, EPI_ISL_1297290, EPI_ISL_1297291, EPI_ISL_1297292, EPI_ISL_1297293, EPI_ISL_1297294, EPI_ISL_1297295, EPI_ISL_1297296, EPI_ISL_1297297, EPI_ISL_1297299, EPI_ISL_1297300, EPI_ISL_1297302, EPI_ISL_1297303, EPI_ISL_1297304, EPI_ISL_1297305, EPI_ISL_1297306, EPI_ISL_1297385, EPI_ISL_1297386, EPI_ISL_1297388, EPI_ISL_1297391, EPI_ISL_1297393, EPI_ISL_1297394, EPI_ISL_1297395, EPI_ISL_1297397, EPI_ISL_1297406, EPI_ISL_1297412, EPI_ISL_1297413, EPI_ISL_1297414, EPI_ISL_1297415, EPI_ISL_1297416, EPI_ISL_1297417, EPI_ISL_1297419, EPI_ISL_1297420	see above	BIOMNIS PARIS	CNR Virus des Infections Respiratoires - France SUD	
EPI_ISL_1299878, EPI_ISL_1299879, EPI_ISL_1299880	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_1301744	Nucleic Acid Testing, National Reference Laboratory	GIGA Medical Genomics	Yvan Butera, Keith Durkin, Maria Artesi, Bouchra Boujemla, Robert Rutayisire, Patrick Tuyisenge, Esperence Umumararungu, Sébastien Bontems, Marie-Pierre Hayette, Nathalie Renotte, Swaibu Gatare, Jacob Souougui, Sabin Nsanzimana, Vincent Bours, Léon Mutesa	
EPI_ISL_1301987, EPI_ISL_1301988	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al	
EPI_ISL_1302789	ADMED Microbiology	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthouzo, Nikolai Ivanov, Manuel Peitsch	
EPI_ISL_1304053, EPI_ISL_1304094, EPI_ISL_1304115, EPI_ISL_1304175, EPI_ISL_1304176, EPI_ISL_1304188, EPI_ISL_1304203, EPI_ISL_1304204, EPI_ISL_1304227, EPI_ISL_1304237, EPI_ISL_1304238, EPI_ISL_1304253, EPI_ISL_1304264, EPI_ISL_1304276, EPI_ISL_1304304, EPI_ISL_1304534, EPI_ISL_1304563				

see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1308536, EPI_ISL_1308548, EPI_ISL_1308549, EPI_ISL_1308550, EPI_ISL_1308553, EPI_ISL_1308555, EPI_ISL_1308577	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_1308819, EPI_ISL_1308821	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_1309027, EPI_ISL_1309110	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_1309667, EPI_ISL_1309673	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_1310349	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_1311002, EPI_ISL_1311041, EPI_ISL_1311108, EPI_ISL_1311109, EPI_ISL_1311148, EPI_ISL_1311179, EPI_ISL_1311289	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_1312367, EPI_ISL_1312376	BIOMNIS PARIS	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_1313082	CENTRE HOSPITALIER CAREMEAU	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_1315013	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1317247, EPI_ISL_1317292, EPI_ISL_1317293	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_1317595	Unilabs Laboratory Medicine	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_1321362	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_1324034, EPI_ISL_1324043	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_1336537, EPI_ISL_1336538, EPI_ISL_1336539	LABORATOIRE MULTISITE VIALLE	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_1336542, EPI_ISL_1336543, EPI_ISL_1336544, EPI_ISL_1336545, EPI_ISL_1336546	CH METROPOLE SAVOIE	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_1336552, EPI_ISL_1336553, EPI_ISL_1336554, EPI_ISL_1336555, EPI_ISL_1336556, EPI_ISL_1336557	LABORATOIRE MULTISITE VIALLE	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_1336560	LAM ANABIO 05 TOKORO	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_1336567	LABORATOIRE MULTISITE VIALLE	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_1348994	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1359789	BIOMNIS PARIS	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_1359791	LABORATOIRE BOUVIER	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_1359792	LABORATOIRE ANABIO BERGSON	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_1359836, EPI_ISL_1359837, EPI_ISL_1359839, EPI_ISL_1359840, EPI_ISL_1359842, EPI_ISL_1359843, EPI_ISL_1359847, EPI_ISL_1359853, EPI_ISL_1359855, EPI_ISL_1359856, EPI_ISL_1359869, EPI_ISL_1359870, EPI_ISL_1359871, EPI_ISL_1359872, EPI_ISL_1359873, EPI_ISL_1359874, EPI_ISL_1359879			
EPI_ISL_1359880, EPI_ISL_1359881, EPI_ISL_1359885			
see above	BIOMNIS PARIS	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_1360401	MIRIALIS CLUSE	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_1360445	Shimantik Pathology and Diagnostic Center	Child Health Research Foundation	CHRF Bangladesh Genomics Team, Md. Parvej Alam, Md. Mobarok Karim
EPI_ISL_1361610, EPI_ISL_1361624, EPI_ISL_1361625	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Pilusico, Giorgio Dirani, Vittorio Sambrì, Simona Sempriani, Silvia Zanolì, Francesco Curcio, Stefania Marzino, Andreina Baj, Fausto Sessa.
EPI_ISL_1361626	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis,

	Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogen Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).		Rosanna Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Semprini, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa, Massimiliano Chetta, Marina Tarsitano, Giusy Giordano, Marcello Ametrano, Mariano Fiorenza, Caivano Antonella, D'Auria Fiorella, De Luca Luciana.
EPI_ISL_1364889	Universitätsklinikum Knappschafts Krankenhaus Bochum	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1369173	Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maria de Toro, José Manuel Azcona Gutiérrez, María Pilar Bea Escudero, Miriam Blasco Alberdi and SeqCOVID-SPAIN consortium
EPI_ISL_1383281, EPI_ISL_1383282, EPI_ISL_1383285, EPI_ISL_1383287, EPI_ISL_1383297, EPI_ISL_1383300, EPI_ISL_1383302, EPI_ISL_1383306, EPI_ISL_1383309	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, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1386883	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_1387221	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_1388150, EPI_ISL_1388368, EPI_ISL_1388372	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388375	Rothen Medizinische Laboratorien AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Ingrid Steffen, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388538	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388546, EPI_ISL_1388548	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_1388562, EPI_ISL_1388564	Rothen Medizinische Laboratorien AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Ingrid Steffen, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388566	Abklärungs- und _Teststation BL	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Simon Fuchs, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1397508, EPI_ISL_1397510	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1399955, EPI_ISL_1400201	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1402340	CMBG FN Brno	CMBG FN Brno	Bezdicek M., Lengerova M., Svaton J.
EPI_ISL_1407073, EPI_ISL_1407074, EPI_ISL_1407075	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_1420712, EPI_ISL_1420713, EPI_ISL_1420714, EPI_ISL_1420722	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_1420725	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_1420733, EPI_ISL_1420735, EPI_ISL_1420737, EPI_ISL_1420738, EPI_ISL_1420740, EPI_ISL_1420743, EPI_ISL_1420744, EPI_ISL_1420746, EPI_ISL_1420747, EPI_ISL_1420748, EPI_ISL_1420749, EPI_ISL_1420752, EPI_ISL_1420754, EPI_ISL_1420755, EPI_ISL_1420756, EPI_ISL_1420761	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_1423243	J.W. Ruby Memorial Hospital	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1423725, EPI_ISL_1423726	Laboratori de Referència de Catalunya	SeqCOVID-SPAIN consortium/IBV(CSIC)	Aida Esperanza Ramírez Marín, Eduardo Padilla León, Alba Vilas Basil, Mireia Canal Aranda and SeqCOVID-SPAIN consortium
EPI_ISL_1425577	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Chang-Kweng Lim, Shigeru Tanjima, Takahiro Maeki, Motohiko Ogawa, Eri Nakayama, Makoto Kuroda
EPI_ISL_1425588	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 Tanjima, Eri Nakayama, Takahiro Maeki, Motohiko Ogawa, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1426573	Niigata Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1427577, EPI_ISL_1427580	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, , Makoto Kuroda
EPI_ISL_1427592, EPI_ISL_1427593	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_1427607	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kousho Wakae, Hussein H. Aly, Takanobu Kato, , Makoto Kuroda
EPI_ISL_1428610	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_1429578	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_1433303	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, Nozomu Hanaoka, Naomi Nojiri, Hazuka Yoshida, Hiromizu Takahashi, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1456934, EPI_ISL_1456943, EPI_ISL_1456950, EPI_ISL_1456964, EPI_ISL_1456976, EPI_ISL_1456983	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 Frenks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_885153, EPI_ISL_885154	National Institute of Infectious Diseases-Prof. Dr. Matei Bals	National Institute of Infectious Diseases-Prof. Dr. Matei Bals	Leontina Banica, Marius Surleac, Corina Casangiu, Petre Milu, Andreea Tudor, Simona Paraschiv, Dan Otelea

EPI_ISL_888655, EPI_ISL_888658	Molecular Diagnostics Laboratory University of Michigan Clinical Microbiology Laboratory	Molecular Diagnostics Laboratory Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano	
EPI_ISL_889440, EPI_ISL_889441, EPI_ISL_889442	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
EPI_ISL_891233, EPI_ISL_891235	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_905756, EPI_ISL_905758, EPI_ISL_905761	National Institute of Public Health - National Institute of Hygiene	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna	
EPI_ISL_907120, EPI_ISL_907122, EPI_ISL_907125, EPI_ISL_907126, EPI_ISL_907127, EPI_ISL_907128, EPI_ISL_907129, EPI_ISL_907130, EPI_ISL_907131, EPI_ISL_907132, EPI_ISL_907134, EPI_ISL_907135, EPI_ISL_907140, EPI_ISL_907141, EPI_ISL_907143, EPI_ISL_907145, EPI_ISL_907146, EPI_ISL_907149, EPI_ISL_907150, EPI_ISL_907151, EPI_ISL_907153, EPI_ISL_907154, EPI_ISL_907156, EPI_ISL_907157, EPI_ISL_907158, EPI_ISL_907159, EPI_ISL_907161, EPI_ISL_907162, EPI_ISL_907165, EPI_ISL_907166, EPI_ISL_907169, EPI_ISL_907170, EPI_ISL_907171, EPI_ISL_907172, EPI_ISL_907176, EPI_ISL_907177, EPI_ISL_907178, EPI_ISL_907180, EPI_ISL_907181, EPI_ISL_907183, EPI_ISL_907184, EPI_ISL_907185, EPI_ISL_907188, EPI_ISL_907189, EPI_ISL_907191, EPI_ISL_907196, EPI_ISL_907197, EPI_ISL_907201, EPI_ISL_907202, EPI_ISL_907204, EPI_ISL_907207, EPI_ISL_907208, EPI_ISL_907211, EPI_ISL_907213, EPI_ISL_907215, EPI_ISL_907216, EPI_ISL_907217, EPI_ISL_907218, EPI_ISL_907220, EPI_ISL_907226, EPI_ISL_907227, EPI_ISL_907228, EPI_ISL_907229, EPI_ISL_907230, EPI_ISL_907231, EPI_ISL_907233, EPI_ISL_907236, EPI_ISL_907235, EPI_ISL_907236, EPI_ISL_907239, EPI_ISL_907240, EPI_ISL_907242, EPI_ISL_907244, EPI_ISL_907246, EPI_ISL_907247, EPI_ISL_907249, EPI_ISL_907251, EPI_ISL_907252, EPI_ISL_907253, EPI_ISL_907255, EPI_ISL_907257, EPI_ISL_907258, EPI_ISL_907259, EPI_ISL_907265, EPI_ISL_907266, EPI_ISL_907268, EPI_ISL_907270, EPI_ISL_907272, EPI_ISL_907274, EPI_ISL_907275, EPI_ISL_907277, EPI_ISL_907278, EPI_ISL_907280, EPI_ISL_907282, EPI_ISL_907283, EPI_ISL_907285, EPI_ISL_907286, EPI_ISL_907289, EPI_ISL_907290, EPI_ISL_907291, EPI_ISL_907294, EPI_ISL_907295, EPI_ISL_907297, EPI_ISL_907299, EPI_ISL_907301, EPI_ISL_907302, EPI_ISL_907305, EPI_ISL_907306, EPI_ISL_907307, EPI_ISL_907309, EPI_ISL_907310, EPI_ISL_907311, EPI_ISL_907312, EPI_ISL_907313, EPI_ISL_907316, EPI_ISL_907319, EPI_ISL_907320, EPI_ISL_907324, EPI_ISL_907326, EPI_ISL_907327, EPI_ISL_907330, EPI_ISL_907331, EPI_ISL_907332, EPI_ISL_907334, EPI_ISL_907335, EPI_ISL_907337, EPI_ISL_907339, EPI_ISL_907340, EPI_ISL_907343, EPI_ISL_907344, EPI_ISL_907345, EPI_ISL_907346, EPI_ISL_907349, EPI_ISL_907354, EPI_ISL_907356, EPI_ISL_907357, EPI_ISL_907358, EPI_ISL_907360, EPI_ISL_907361, EPI_ISL_907365, EPI_ISL_907366, EPI_ISL_907368, EPI_ISL_907370	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_907500, EPI_ISL_907559	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_908761	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_911284, EPI_ISL_911298, EPI_ISL_911299, EPI_ISL_911308, EPI_ISL_911318, EPI_ISL_911335, EPI_ISL_911336, EPI_ISL_911343, EPI_ISL_911344, EPI_ISL_911351	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_912177, EPI_ISL_912178	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_912213	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)	
EPI_ISL_912677, EPI_ISL_912684, EPI_ISL_912813, EPI_ISL_912819, EPI_ISL_912825, EPI_ISL_912832, EPI_ISL_912833, EPI_ISL_912834, EPI_ISL_912842	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_913400	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole	
EPI_ISL_913442, EPI_ISL_913443, EPI_ISL_913444	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Michel C Koch, Christian Baumann, Miguel A Terrazos Miani, Cora Sägesser, Pascal Bittel, Stephen L Leib, Peter Keller, Franziska Suter-Riniker, Alban Ramette	
EPI_ISL_914010	TMC/Pathology	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_914643	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department	
EPI_ISL_915432	Bundeswehrkrankenhaus Westerstede	Bundeswehr Institute of Microbiology	Markus Antwerpen, Klaus Peter Ebert, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Sabine Zange, Enrico Georgi, Roman Wölfel	
EPI_ISL_916503, EPI_ISL_916505, EPI_ISL_916507, EPI_ISL_916509, EPI_ISL_916510, EPI_ISL_916511, EPI_ISL_916512, EPI_ISL_916513, EPI_ISL_916514, EPI_ISL_916515, EPI_ISL_916517, EPI_ISL_916518, EPI_ISL_916519, EPI_ISL_916520, EPI_ISL_916521, EPI_ISL_916522, EPI_ISL_916523, EPI_ISL_916526, EPI_ISL_916527, EPI_ISL_916528, EPI_ISL_916530, EPI_ISL_916531, EPI_ISL_916532, EPI_ISL_916534, EPI_ISL_916535, EPI_ISL_916536, EPI_ISL_916538, EPI_ISL_916539, EPI_ISL_916540, EPI_ISL_916541, EPI_ISL_916542, EPI_ISL_916543, EPI_ISL_916544, EPI_ISL_916545, EPI_ISL_916546, EPI_ISL_916547, EPI_ISL_916548, EPI_ISL_916550, EPI_ISL_916551, EPI_ISL_916552, EPI_ISL_916553, EPI_ISL_916554, EPI_ISL_916557, EPI_ISL_916558, EPI_ISL_916561, EPI_ISL_916564, EPI_ISL_916566, EPI_ISL_916567, EPI_ISL_916568, EPI_ISL_916569, EPI_ISL_916571, EPI_ISL_916572, EPI_ISL_916573, EPI_ISL_916574, EPI_ISL_916575, EPI_ISL_916577, EPI_ISL_916579, EPI_ISL_916580, EPI_ISL_916582, EPI_ISL_916583, EPI_ISL_916584, EPI_ISL_916585, EPI_ISL_916587, EPI_ISL_916588, EPI_ISL_916590, EPI_ISL_916591, EPI_ISL_916593, EPI_ISL_916594, EPI_ISL_916595, EPI_ISL_916596, EPI_ISL_916597, EPI_ISL_916598, EPI_ISL_916599	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_918166	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, Yuthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Opass Putcharoen, Thiravat Hemachudha, Supaporn Wacharapluesadee	
EPI_ISL_918410	Ospedale Di Venere - Carbonara	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.	
EPI_ISL_919109, EPI_ISL_919111, EPI_ISL_919112, EPI_ISL_919117, EPI_ISL_919121, EPI_ISL_919124, EPI_ISL_919125, EPI_ISL_919126, EPI_ISL_919138, EPI_ISL_919141, EPI_ISL_919149, EPI_ISL_919150, EPI_ISL_919151, EPI_ISL_919152, EPI_ISL_919155, EPI_ISL_919156, EPI_ISL_919166, EPI_ISL_919168, EPI_ISL_919169, EPI_ISL_919173, EPI_ISL_919174, EPI_ISL_919180, EPI_ISL_919182, EPI_ISL_919183, EPI_ISL_919184, EPI_ISL_919186, EPI_ISL_919187	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_919300, EPI_ISL_919302, EPI_ISL_919303, EPI_ISL_919304, EPI_ISL_919305, EPI_ISL_919306, EPI_ISL_919307	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_919404	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_919621, EPI_ISL_919626, EPI_ISL_919627, EPI_ISL_919629, EPI_ISL_919663, EPI_ISL_919667, EPI_ISL_919668, EPI_ISL_919670, EPI_ISL_919671, EPI_ISL_919672, EPI_ISL_919694, EPI_ISL_919696, EPI_ISL_919697, EPI_ISL_919699	see above	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Richard Mearns, David

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			
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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
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see above	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_921644, EPI_ISL_921645, EPI_ISL_921646, EPI_ISL_921647, EPI_ISL_921648, EPI_ISL_921650, EPI_ISL_921651, EPI_ISL_921652, EPI_ISL_921653, EPI_ISL_921654, EPI_ISL_921655, EPI_ISL_921656, EPI_ISL_921657, EPI_ISL_921658, EPI_ISL_921659, EPI_ISL_921660, EPI_ISL_921661, EPI_ISL_921662	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith, Andrew Nelson, Matthew Bashton, Greg R Young, Joshua Loh, John Allan, Mohammad A Tariq, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggett, Sarah Essex, Jane Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusra Taha, Gary Eltringham
see above			
EPI_ISL_922022, EPI_ISL_922023, EPI_ISL_922032, EPI_ISL_922033, EPI_ISL_922034	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_923422, EPI_ISL_923423, EPI_ISL_923424	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_924085, EPI_ISL_924087, EPI_ISL_924090, EPI_ISL_924099, EPI_ISL_924100, EPI_ISL_924103, EPI_ISL_924110, EPI_ISL_924111, EPI_ISL_924115, EPI_ISL_924126, EPI_ISL_924134, EPI_ISL_924144, EPI_ISL_924147, EPI_ISL_924162, EPI_ISL_924171, EPI_ISL_924179, EPI_ISL_924183, EPI_ISL_924184, EPI_ISL_924190, EPI_ISL_924198, EPI_ISL_924200, EPI_ISL_924201, EPI_ISL_924219, EPI_ISL_924221, EPI_ISL_924227, EPI_ISL_924228, EPI_ISL_924229, EPI_ISL_924234, EPI_ISL_924236, EPI_ISL_924249, EPI_ISL_924251, EPI_ISL_924254, EPI_ISL_924272, EPI_ISL_924287, EPI_ISL_924300, EPI_ISL_924304, EPI_ISL_924313, EPI_ISL_924321, EPI_ISL_924322, EPI_ISL_924327, EPI_ISL_924338, EPI_ISL_924344, EPI_ISL_924349, EPI_ISL_924350, EPI_ISL_924356, EPI_ISL_924361, EPI_ISL_924362, EPI_ISL_924390, EPI_ISL_924391, EPI_ISL_924401, EPI_ISL_924403, EPI_ISL_924405, EPI_ISL_924407, EPI_ISL_924416			
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EPI_ISL_930606, EPI_ISL_930607, EPI_ISL_930608	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Bouchra Boujemla, Emmanuel André, Marc Van Ranst, Fabrice Bureau, Laurent Gillet, Wouter Coppieters, Vincent Bours
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EPI_ISL_933042, EPI_ISL_933044	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933045, EPI_ISL_933049	Lighthouse Lab in Alderley Park	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_933050, EPI_ISL_933051	Lighthouse Lab in Glasgow	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_933052	Lighthouse Lab in Alderley Park	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_933053, EPI_ISL_933054, EPI_ISL_933056, EPI_ISL_933058	Lighthouse Lab in Glasgow	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_933062, EPI_ISL_933064	Lighthouse Lab in Alderley Park	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_933065	Lighthouse Lab in Glasgow	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_933066	Lighthouse Lab in Alderley Park	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_933067, EPI_ISL_933069, EPI_ISL_933070, EPI_ISL_933072, EPI_ISL_933073, EPI_ISL_933074, EPI_ISL_933079, EPI_ISL_933080	Lighthouse Lab in Glasgow	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_933083, EPI_ISL_933084, EPI_ISL_933087, EPI_ISL_933089, EPI_ISL_933090, EPI_ISL_933092, EPI_ISL_933093, EPI_ISL_933094	Lighthouse Lab in Alderley Park	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_933096	Lighthouse Lab in Glasgow	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_933097, EPI_ISL_933098	Lighthouse Lab in Alderley Park	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_933099, EPI_ISL_933100	Lighthouse Lab in Glasgow	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_933102, EPI_ISL_933104, EPI_ISL_933106	Lighthouse Lab in Alderley Park	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_933109, EPI_ISL_933110	Lighthouse Lab in Glasgow	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_933111, EPI_ISL_933112	Lighthouse Lab in Alderley Park	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_934424	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_935155	Cytocheck Laboratory	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_935657, EPI_ISL_935661, EPI_ISL_935668	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_936173	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_937545, EPI_ISL_937547, EPI_ISL_937548, EPI_ISL_937549, EPI_ISL_937550, EPI_ISL_937551, EPI_ISL_937552, EPI_ISL_937553, EPI_ISL_937554, EPI_ISL_937555, EPI_ISL_937556, EPI_ISL_937557, EPI_ISL_937558, EPI_ISL_937559, EPI_ISL_937560, EPI_ISL_937561, EPI_ISL_937562, EPI_ISL_937563, EPI_ISL_937564, EPI_ISL_937565, EPI_ISL_937566, EPI_ISL_937567, EPI_ISL_937568, EPI_ISL_937569, EPI_ISL_937570, EPI_ISL_937571, EPI_ISL_937572, EPI_ISL_937573, EPI_ISL_937574, EPI_ISL_937575, EPI_ISL_937576, EPI_ISL_937577, EPI_ISL_937578, EPI_ISL_937579, EPI_ISL_937580, EPI_ISL_937581, EPI_ISL_937582, EPI_ISL_937583, EPI_ISL_937584, EPI_ISL_937585, EPI_ISL_937586, EPI_ISL_937587, EPI_ISL_937588, EPI_ISL_937589, EPI_ISL_937590, EPI_ISL_937591, EPI_ISL_937592, EPI_ISL_937593, EPI_ISL_937594, EPI_ISL_937595, EPI_ISL_937596, EPI_ISL_937597, EPI_ISL_937598, EPI_ISL_937599, EPI_ISL_937600, EPI_ISL_937601, EPI_ISL_937602, EPI_ISL_937603, EPI_ISL_937604, EPI_ISL_937605, EPI_ISL_937606, EPI_ISL_937607, 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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
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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_938579, EPI_ISL_938580, EPI_ISL_938581, EPI_ISL_938582, EPI_ISL_938583, EPI_ISL_938584, EPI_ISL_938585, EPI_ISL_938586, EPI_ISL_938587, EPI_ISL_938589, EPI_ISL_938591, EPI_ISL_938592, EPI_ISL_938593, EPI_ISL_938594, EPI_ISL_938595, EPI_ISL_938596, EPI_ISL_938597, EPI_ISL_938598, EPI_ISL_938599, EPI_ISL_938600, EPI_ISL_938601, EPI_ISL_938602, EPI_ISL_938603, EPI_ISL_938604, EPI_ISL_938605, EPI_ISL_938606, EPI_ISL_938607, EPI_ISL_938608, EPI_ISL_938609, EPI_ISL_938610, EPI_ISL_938611, EPI_ISL_938612, EPI_ISL_938613, EPI_ISL_938614, EPI_ISL_938615, EPI_ISL_938616, EPI_ISL_938617, EPI_ISL_938618, EPI_ISL_938619, EPI_ISL_938620, EPI_ISL_938621, EPI_ISL_938622, EPI_ISL_938623, EPI_ISL_938624, EPI_ISL_938625, EPI_ISL_938626, EPI_ISL_938627, EPI_ISL_938628, EPI_ISL_938629, EPI_ISL_938630, EPI_ISL_938631, EPI_ISL_938632, EPI_ISL_938633, EPI_ISL_938634, EPI_ISL_938635, EPI_ISL_938636, EPI_ISL_938637, EPI_ISL_938638, EPI_ISL_938639, EPI_ISL_938640, EPI_ISL_938641, EPI_ISL_938642, 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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_938935, EPI_ISL_938936, EPI_ISL_938937, EPI_ISL_938938, EPI_ISL_938939, EPI_ISL_938941, EPI_ISL_938943	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_938945, EPI_ISL_938947, EPI_ISL_938948, EPI_ISL_938949, EPI_ISL_938951, EPI_ISL_938955, EPI_ISL_938960, EPI_ISL_938962, EPI_ISL_938963, EPI_ISL_938964, EPI_ISL_938965, EPI_ISL_938966, EPI_ISL_938967, EPI_ISL_938968, EPI_ISL_938969, EPI_ISL_938970, EPI_ISL_938971, EPI_ISL_938972, EPI_ISL_938973, EPI_ISL_938974, EPI_ISL_938975, EPI_ISL_938976, EPI_ISL_938977, EPI_ISL_938978, EPI_ISL_938979, EPI_ISL_938980, EPI_ISL_938981, EPI_ISL_938982, EPI_ISL_938983, EPI_ISL_938984, EPI_ISL_938985, EPI_ISL_938986, EPI_ISL_938987, EPI_ISL_938988, EPI_ISL_938989, EPI_ISL_938990, EPI_ISL_938991, EPI_ISL_938992, EPI_ISL_938993, EPI_ISL_938994, EPI_ISL_938995, EPI_ISL_938996, EPI_ISL_938997, EPI_ISL_938998, EPI_ISL_938999, EPI_ISL_939000, EPI_ISL_939001, EPI_ISL_939002, EPI_ISL_939003, EPI_ISL_939005, EPI_ISL_939006, EPI_ISL_939007, EPI_ISL_939008, EPI_ISL_939009, EPI_ISL_939010, EPI_ISL_939011, EPI_ISL_939012, EPI_ISL_939013, EPI_ISL_939014, EPI_ISL_939015, EPI_ISL_939016, EPI_ISL_939017, EPI_ISL_939018, EPI_ISL_939019, EPI_ISL_939020, EPI_ISL_939021, EPI_ISL_939022, EPI_ISL_939023, EPI_ISL_939024, EPI_ISL_939025, EPI_ISL_939026, EPI_ISL_939027, EPI_ISL_939028, EPI_ISL_939029, EPI_ISL_939030, EPI_ISL_939031, EPI_ISL_939032, EPI_ISL_939033, EPI_ISL_939034, EPI_ISL_939035, EPI_ISL_939036, EPI_ISL_939037, EPI_ISL_939038, EPI_ISL_939039, EPI_ISL_939040, EPI_ISL_939041, EPI_ISL_939042, EPI_ISL_939043, EPI_ISL_939045, EPI_ISL_939046, EPI_ISL_939051, EPI_ISL_939052, EPI_ISL_939053, EPI_ISL_939054, EPI_ISL_939056, EPI_ISL_939060, EPI_ISL_939061, EPI_ISL_939062, EPI_ISL_939063, EPI_ISL_939064, EPI_ISL_939065, EPI_ISL_939066, EPI_ISL_939067, EPI_ISL_939068, EPI_ISL_939069, EPI_ISL_939070, EPI_ISL_939071, EPI_ISL_939072, EPI_ISL_939073, EPI_ISL_939074, EPI_ISL_939075, EPI_ISL_939076, EPI_ISL_939077, EPI_ISL_939078, EPI_ISL_939079, EPI_ISL_939080, EPI_ISL_939081, EPI_ISL_939082, EPI_ISL_939083, EPI_ISL_939084, EPI_ISL_939085, EPI_ISL_939086, EPI_ISL_939087, EPI_ISL_939088, EPI_ISL_939089, EPI_ISL_939090, EPI_ISL_939091, EPI_ISL_939092, EPI_ISL_939093, EPI_ISL_939094, EPI_ISL_939095, EPI_ISL_939096, EPI_ISL_939097, EPI_ISL_939098, EPI_ISL_939099, EPI_ISL_939100, EPI_ISL_939101, EPI_ISL_939102, EPI_ISL_939103, EPI_ISL_939104, EPI_ISL_939105, EPI_ISL_939106, EPI_ISL_939107, EPI_ISL_939108, EPI_ISL_939109, EPI_ISL_939110, EPI_ISL_939111, EPI_ISL_939112, EPI_ISL_939113, EPI_ISL_939114, EPI_ISL_939115, EPI_ISL_939116, EPI_ISL_939117, EPI_ISL_939119, EPI_ISL_939120, EPI_ISL_939121, EPI_ISL_939122, EPI_ISL_939123, EPI_ISL_939124, EPI_ISL_939125, EPI_ISL_939126, EPI_ISL_939127, EPI_ISL_939128, EPI_ISL_939129, EPI_ISL_939130, EPI_ISL_939131, EPI_ISL_939132, EPI_ISL_939133, EPI_ISL_939134, EPI_ISL_939135, EPI_ISL_939136, EPI_ISL_939137, EPI_ISL_939138, EPI_ISL_939139, EPI_ISL_939140, EPI_ISL_939141, EPI_ISL_939142, EPI_ISL_939144, EPI_ISL_939145, EPI_ISL_939146, EPI_ISL_939147, EPI_ISL_939148, EPI_ISL_939149, EPI_ISL_939150, EPI_ISL_939151, EPI_ISL_939152, EPI_ISL_939153, EPI_ISL_939154, EPI_ISL_939155, EPI_ISL_939156, EPI_ISL_939157, EPI_ISL_939158, EPI_ISL_939159, EPI_ISL_939160, EPI_ISL_939161, EPI_ISL_939162, EPI_ISL_939163, EPI_ISL_939165, EPI_ISL_939166, EPI_ISL_939167, EPI_ISL_939168, EPI_ISL_939169, EPI_ISL_939170, EPI_ISL_939171, EPI_ISL_939172, EPI_ISL_939173, EPI_ISL_939174, EPI_ISL_939175, EPI_ISL_939176, EPI_ISL_939177, EPI_ISL_939178, EPI_ISL_939179, EPI_ISL_939180, EPI_ISL_939181, EPI_ISL_939182, EPI_ISL_939183, EPI_ISL_939184, EPI_ISL_939185, EPI_ISL_939186, EPI_ISL_939187, EPI_ISL_939188, EPI_ISL_939189, EPI_ISL_939190, EPI_ISL_939191, EPI_ISL_939192, EPI_ISL_939193, EPI_ISL_939194, EPI_ISL_939195, EPI_ISL_939196, EPI_ISL_939197, EPI_ISL_939198, EPI_ISL_939199, EPI_ISL_939200, EPI_ISL_939201, EPI_ISL_939202, EPI_ISL_939203, EPI_ISL_939204, EPI_ISL_939205, EPI_ISL_939206, EPI_ISL_939207, EPI_ISL_939209, EPI_ISL_939210, EPI_ISL_939211, EPI_ISL_939212, EPI_ISL_939213, EPI_ISL_939214, EPI_ISL_939215, EPI_ISL_939216, EPI_ISL_939217, EPI_ISL_939218, EPI_ISL_939219, EPI_ISL_939220, EPI_ISL_939221, EPI_ISL_939222, EPI_ISL_939223, EPI_ISL_939224, EPI_ISL_939225, EPI_ISL_939226, EPI_ISL_939227, EPI_ISL_939228, EPI_ISL_939229, EPI_ISL_939230, EPI_ISL_939231, EPI_ISL_939232, EPI_ISL_939233, EPI_ISL_939234, EPI_ISL_939235, EPI_ISL_939236, EPI_ISL_939237, EPI_ISL_939238, EPI_ISL_939239, EPI_ISL_939240, EPI_ISL_939241, EPI_ISL_939242, EPI_ISL_939243, EPI_ISL_939244, EPI_ISL_939245, EPI_ISL_939247, EPI_ISL_939248, EPI_ISL_939251, EPI_ISL_939252, EPI_ISL_939254, EPI_ISL_939255, EPI_ISL_939257, EPI_ISL_939261, EPI_ISL_939262, EPI_ISL_939267, EPI_ISL_939269, EPI_ISL_939272, EPI_ISL_939273, EPI_ISL_939274, EPI_ISL_939276, EPI_ISL_939280			
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_939283, EPI_ISL_939284, EPI_ISL_939285	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_939286, EPI_ISL_939288	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_939289, EPI_ISL_939295, EPI_ISL_939297, EPI_ISL_939298, EPI_ISL_939299	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_939302	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_939303, EPI_ISL_939305	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_939307	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_939308, EPI_ISL_939309, EPI_ISL_939310, EPI_ISL_939311, EPI_ISL_939312, EPI_ISL_939316, EPI_ISL_939317, EPI_ISL_939322, EPI_ISL_939324, EPI_ISL_939325, EPI_ISL_939326, EPI_ISL_939327, EPI_ISL_939328, EPI_ISL_939329, EPI_ISL_939330, EPI_ISL_939331	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
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_939332	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 Am

[illegible]

		(COG-UK) Consortium	David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939506	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_939511	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_939512	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_939515, EPI_ISL_939516, EPI_ISL_939518	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_939520	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_939525, EPI_ISL_939527, EPI_ISL_939529, EPI_ISL_939530, EPI_ISL_939531	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_939532	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_939538, EPI_ISL_939539, EPI_ISL_939540, EPI_ISL_939543, EPI_ISL_939544, EPI_ISL_939545, EPI_ISL_939546, EPI_ISL_939549, EPI_ISL_939553	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_939556	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_939557, EPI_ISL_939558, EPI_ISL_939560	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_939561	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_939564, EPI_ISL_939568, EPI_ISL_939569, EPI_ISL_939570, EPI_ISL_939575	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_939578	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_939580, EPI_ISL_939583, EPI_ISL_939584, EPI_ISL_939586, EPI_ISL_939590, EPI_ISL_939591, EPI_ISL_939592, EPI_ISL_939593	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_939594, EPI_ISL_939601	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_939602	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_939607	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_939643	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Boshevska, Elizabeta Janchevska
EPI_ISL_940569, EPI_ISL_940570	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_940739	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_941620, EPI_ISL_941621, EPI_ISL_941622	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_942985, EPI_ISL_942989, EPI_ISL_942993, EPI_ISL_943016, EPI_ISL_943023, EPI_ISL_943026, EPI_ISL_943028, EPI_ISL_943029, EPI_ISL_943030, EPI_ISL_943031, EPI_ISL_943032, EPI_ISL_943033, EPI_ISL_943034, EPI_ISL_943035, EPI_ISL_943037, EPI_ISL_943038, EPI_ISL_943041, EPI_ISL_943319, EPI_ISL_943365, EPI_ISL_943419, EPI_ISL_943453, EPI_ISL_943458, EPI_ISL_943490, EPI_ISL_943491, EPI_ISL_943493, EPI_ISL_943519, EPI_ISL_943532, EPI_ISL_943533, EPI_ISL_943539			
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_944746	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Son Nguyen et al
EPI_ISL_944844	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_945640	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_945746, EPI_ISL_945752, EPI_ISL_945764, EPI_ISL_945765, EPI_ISL_945769, EPI_ISL_945770, EPI_ISL_945810, EPI_ISL_945823, EPI_ISL_945832, EPI_ISL_945837, EPI_ISL_945838, EPI_ISL_945937, EPI_ISL_945947, EPI_ISL_945992, EPI_ISL_946013, EPI_ISL_946016, EPI_ISL_946027, EPI_ISL_946046, EPI_ISL_946053, EPI_ISL_946063, EPI_ISL_946132, EPI_ISL_946153, EPI_ISL_946158, EPI_ISL_946209, EPI_ISL_946255, EPI_ISL_946256, EPI_ISL_946277			
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_946289	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_946320, EPI_ISL_946323, EPI_ISL_946329, EPI_ISL_946342,	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_946345, EPI_ISL_946363, EPI_ISL_946364, EPI_ISL_946413				
EPI_ISL_946421, EPI_ISL_946422, EPI_ISL_946423, EPI_ISL_946424, EPI_ISL_946425, EPI_ISL_946427, EPI_ISL_946428, EPI_ISL_946431, EPI_ISL_946433, EPI_ISL_946435, EPI_ISL_946438, EPI_ISL_946439, EPI_ISL_946440, EPI_ISL_946444, EPI_ISL_946445, EPI_ISL_946448, EPI_ISL_946449, EPI_ISL_946450, EPI_ISL_946451, EPI_ISL_946453, EPI_ISL_946454, EPI_ISL_946456, EPI_ISL_946457, EPI_ISL_946458, EPI_ISL_946463, EPI_ISL_946465, EPI_ISL_946466, EPI_ISL_946467, EPI_ISL_946469, EPI_ISL_946471, EPI_ISL_946473, EPI_ISL_946474, EPI_ISL_946475, EPI_ISL_946476, EPI_ISL_946477, EPI_ISL_946478, EPI_ISL_946484, EPI_ISL_946486, EPI_ISL_946488, EPI_ISL_946489, EPI_ISL_946490, EPI_ISL_946491, EPI_ISL_946493, EPI_ISL_946496, EPI_ISL_946498, EPI_ISL_946499, EPI_ISL_946500, EPI_ISL_946501, EPI_ISL_946502, EPI_ISL_946503, EPI_ISL_946504, EPI_ISL_946506, EPI_ISL_946507, EPI_ISL_946508, EPI_ISL_946509, EPI_ISL_946510, EPI_ISL_946513, EPI_ISL_946514, EPI_ISL_946518, EPI_ISL_946520, EPI_ISL_946523, EPI_ISL_946526, EPI_ISL_946528, EPI_ISL_946529, EPI_ISL_946530, EPI_ISL_946533, EPI_ISL_946534, EPI_ISL_946535, EPI_ISL_946536, EPI_ISL_946538, EPI_ISL_946539, EPI_ISL_946540, EPI_ISL_946541, EPI_ISL_946542, EPI_ISL_946544, EPI_ISL_946545, EPI_ISL_946547, EPI_ISL_946548, EPI_ISL_946549, EPI_ISL_946550, EPI_ISL_946551, EPI_ISL_946553, EPI_ISL_946555, EPI_ISL_946557, EPI_ISL_946558, EPI_ISL_946562, EPI_ISL_946563, EPI_ISL_946564, EPI_ISL_946566, EPI_ISL_946567, EPI_ISL_946568, EPI_ISL_946569, EPI_ISL_946571, EPI_ISL_946572, EPI_ISL_946575, EPI_ISL_946576, EPI_ISL_946577, EPI_ISL_946578, EPI_ISL_946579, EPI_ISL_946581, EPI_ISL_946582, EPI_ISL_946583, EPI_ISL_946584, EPI_ISL_946585, EPI_ISL_946586, EPI_ISL_946589, EPI_ISL_946591, EPI_ISL_946592, EPI_ISL_946593, EPI_ISL_946594, EPI_ISL_946596, EPI_ISL_946597, EPI_ISL_946599, EPI_ISL_946601, EPI_ISL_946602, EPI_ISL_946605, EPI_ISL_946606, EPI_ISL_946607, EPI_ISL_946608, EPI_ISL_946610, EPI_ISL_946612, EPI_ISL_946613, EPI_ISL_946614, EPI_ISL_946615, EPI_ISL_946616, EPI_ISL_946617, EPI_ISL_946619, EPI_ISL_946621, EPI_ISL_946622, EPI_ISL_946623, EPI_ISL_946624, EPI_ISL_946627, EPI_ISL_946628, EPI_ISL_946629, EPI_ISL_946630, EPI_ISL_946635, EPI_ISL_946636, EPI_ISL_946637, EPI_ISL_946640, EPI_ISL_946641, EPI_ISL_946642, EPI_ISL_946643, EPI_ISL_946645, EPI_ISL_946646, EPI_ISL_946648, EPI_ISL_946649, EPI_ISL_946650, EPI_ISL_946651, EPI_ISL_946652, EPI_ISL_946656, EPI_ISL_946661, EPI_ISL_946662, EPI_ISL_946666, EPI_ISL_946667, EPI_ISL_946668, EPI_ISL_946669, EPI_ISL_946670, EPI_ISL_946671, EPI_ISL_946678, EPI_ISL_946679, EPI_ISL_946681, EPI_ISL_946683, EPI_ISL_946685, EPI_ISL_946687, EPI_ISL_946688, EPI_ISL_946689, EPI_ISL_946690, EPI_ISL_946691, EPI_ISL_946692, EPI_ISL_946694, EPI_ISL_946695, EPI_ISL_946696, EPI_ISL_946697, EPI_ISL_946699, EPI_ISL_946700, EPI_ISL_946703, EPI_ISL_946704, EPI_ISL_946705, EPI_ISL_946706, EPI_ISL_946707, EPI_ISL_946708, EPI_ISL_946711, EPI_ISL_946712, EPI_ISL_946714, EPI_ISL_946716, EPI_ISL_946718, EPI_ISL_946719, EPI_ISL_946720, EPI_ISL_946722, EPI_ISL_946724, EPI_ISL_946726, EPI_ISL_946728, EPI_ISL_946729, EPI_ISL_946730, EPI_ISL_946734, EPI_ISL_946736, EPI_ISL_946740, EPI_ISL_946741, EPI_ISL_946742, EPI_ISL_946744, EPI_ISL_946747, EPI_ISL_946748, EPI_ISL_946750, EPI_ISL_946754, EPI_ISL_946755, EPI_ISL_946756, EPI_ISL_946760, EPI_ISL_946781, EPI_ISL_946795, EPI_ISL_946826, EPI_ISL_946849, EPI_ISL_946863, EPI_ISL_946871, EPI_ISL_946890, EPI_ISL_946896, EPI_ISL_946899, EPI_ISL_946916, EPI_ISL_946963, EPI_ISL_946969, EPI_ISL_946994, EPI_ISL_947001, EPI_ISL_947015, EPI_ISL_947055, EPI_ISL_947062, EPI_ISL_947065, EPI_ISL_947072, EPI_ISL_947076, EPI_ISL_947088	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_947110, EPI_ISL_947113, EPI_ISL_947115, EPI_ISL_947116		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_947119		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_947120, EPI_ISL_947125, EPI_ISL_947130, EPI_ISL_947136, EPI_ISL_947140, EPI_ISL_947149, EPI_ISL_947152, EPI_ISL_947157, EPI_ISL_947159, EPI_ISL_947160, EPI_ISL_947164, EPI_ISL_947166		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_947169		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_947172, EPI_ISL_947174, EPI_ISL_947180, EPI_ISL_947184, EPI_ISL_947185, EPI_ISL_947188, EPI_ISL_947189, EPI_ISL_947190, EPI_ISL_947193, EPI_ISL_947194, EPI_ISL_947198, EPI_ISL_947201		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_947204		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_947205, EPI_ISL_947207, EPI_ISL_947209, EPI_ISL_947210, E				

EPI_ISL_947366, EPI_ISL_947367, EPI_ISL_947368, EPI_ISL_947369, EPI_ISL_947372, EPI_ISL_947374, EPI_ISL_947376, EPI_ISL_947378, EPI_ISL_947381, EPI_ISL_947384, EPI_ISL_947385, EPI_ISL_947387, EPI_ISL_947388	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_947391	EPI_ISL_947391	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_947392, EPI_ISL_947393, EPI_ISL_947397, EPI_ISL_947400, EPI_ISL_947401, EPI_ISL_947403		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_947404	EPI_ISL_947404	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_947406, EPI_ISL_947407, EPI_ISL_947408, EPI_ISL_947409, EPI_ISL_947410, EPI_ISL_947411, EPI_ISL_947412, EPI_ISL_947413, EPI_ISL_947414, EPI_ISL_947416, EPI_ISL_947417, EPI_ISL_947418, EPI_ISL_947419, EPI_ISL_947420, EPI_ISL_947421, EPI_ISL_947423, EPI_ISL_947424, EPI_ISL_947425, EPI_ISL_947426, EPI_ISL_947427, EPI_ISL_947428, EPI_ISL_947429, EPI_ISL_947430, EPI_ISL_947431, EPI_ISL_947432, EPI_ISL_947433, EPI_ISL_947434, EPI_ISL_947435, EPI_ISL_947436, EPI_ISL_947437, EPI_ISL_947438, EPI_ISL_947439, EPI_ISL_947440, EPI_ISL_947441, EPI_ISL_947442, EPI_ISL_947443, EPI_ISL_947444, EPI_ISL_947445, EPI_ISL_947446, EPI_ISL_947447, EPI_ISL_947448, EPI_ISL_947449, EPI_ISL_947450, EPI_ISL_947451, EPI_ISL_947452, EPI_ISL_947453, EPI_ISL_947454, EPI_ISL_947455, EPI_ISL_947456, EPI_ISL_947457, EPI_ISL_947458, EPI_ISL_947459, EPI_ISL_947460, EPI_ISL_947461, EPI_ISL_947463, EPI_ISL_947464, EPI_ISL_947465, EPI_ISL_947466, EPI_ISL_947467, EPI_ISL_947469, EPI_ISL_947470, EPI_ISL_947471, 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Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948100	EPI_ISL_948100	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_948101, EPI_ISL_948102, EPI_ISL_948104, EPI_ISL_948107		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_948109	EPI_ISL_948109	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_948110	EPI_ISL_948110	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_948111	EPI_ISL_948111	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_948114	EPI_ISL_948114	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_948115	EPI_ISL_948115	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_948116, EPI_ISL_948117, EPI_ISL_948118, EPI_ISL_948120, EPI_ISL_948122, EPI_ISL_948123, EPI_ISL_948124, EPI_ISL_948125, EPI_ISL_948128		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_948129	EPI_ISL_948129	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_948131, EPI_ISL_948133, EPI_ISL_948134		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_948135	EPI_ISL_948135	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_948136, EPI_ISL_948137, EPI_ISL_948139		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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EPI_ISL_948420, EPI_ISL_948421, EPI_ISL_948422, EPI_ISL_948423, EPI_ISL_948424, EPI_ISL_948431	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_948432	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_948433, EPI_ISL_948434, EPI_ISL_948435, EPI_ISL_948437, EPI_ISL_948441, EPI_ISL_948442, EPI_ISL_948445	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_948447	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_948475, EPI_ISL_948477, EPI_ISL_948510, EPI_ISL_948522, EPI_ISL_948542, EPI_ISL_948545, EPI_ISL_948556, EPI_ISL_948580, EPI_ISL_948585, EPI_ISL_948616, EPI_ISL_948620, EPI_ISL_948624, EPI_ISL_948628, EPI_ISL_948663, EPI_ISL_948687, EPI_ISL_948693, EPI_ISL_948724, EPI_ISL_948728, EPI_ISL_948734, EPI_ISL_948742, EPI_ISL_948750, EPI_ISL_948755, EPI_ISL_948760, EPI_ISL_948781			
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_948787, EPI_ISL_948788, EPI_ISL_948789, EPI_ISL_948790, EPI_ISL_948791, EPI_ISL_948792, EPI_ISL_948793, EPI_ISL_948794, EPI_ISL_948795, EPI_ISL_948796, EPI_ISL_948797, EPI_ISL_948798, EPI_ISL_948799, EPI_ISL_948801, EPI_ISL_948802, EPI_ISL_948803, EPI_ISL_948804, EPI_ISL_948805, EPI_ISL_948806, EPI_ISL_948809, EPI_ISL_948810, EPI_ISL_948811, EPI_ISL_948812, EPI_ISL_948813, EPI_ISL_948814, EPI_ISL_948815, EPI_ISL_948816, EPI_ISL_948817, EPI_ISL_948819, EPI_ISL_948820, EPI_ISL_948821, EPI_ISL_948822, EPI_ISL_948824, EPI_ISL_948825, EPI_ISL_948826, EPI_ISL_948827, EPI_ISL_948829, EPI_ISL_948830, EPI_ISL_948834, EPI_ISL_948835, EPI_ISL_948836, EPI_ISL_948837, EPI_ISL_948838, EPI_ISL_948839, EPI_ISL_948842, EPI_ISL_948843, EPI_ISL_948844, EPI_ISL_948846, EPI_ISL_948847, EPI_ISL_948848, EPI_ISL_948850, EPI_ISL_948851, EPI_ISL_948852, EPI_ISL_948853, EPI_ISL_948854, EPI_ISL_948855, EPI_ISL_948857, EPI_ISL_948858, EPI_ISL_948859, EPI_ISL_948860, EPI_ISL_948861, EPI_ISL_948862, EPI_ISL_948863, EPI_ISL_948864, EPI_ISL_948865, EPI_ISL_948866, EPI_ISL_948867, EPI_ISL_948868, EPI_ISL_948869, EPI_ISL_948871, EPI_ISL_948873, EPI_ISL_948874, EPI_ISL_948875, EPI_ISL_948876, EPI_ISL_948877, EPI_ISL_948878, EPI_ISL_948879, EPI_ISL_948880, EPI_ISL_948883, EPI_ISL_948885, EPI_ISL_948886, EPI_ISL_948889, EPI_ISL_948890, EPI_ISL_948891, EPI_ISL_948892, EPI_ISL_948893, EPI_ISL_948894, EPI_ISL_948895, EPI_ISL_948897, EPI_ISL_948899, EPI_ISL_949000, EPI_ISL_949001, EPI_ISL_949002, EPI_ISL_949003, EPI_ISL_949004, EPI_ISL_949005, EPI_ISL_949006, EPI_ISL_949007, EPI_ISL_949008, EPI_ISL_949010, EPI_ISL_949011, EPI_ISL_949012, EPI_ISL_949013, EPI_ISL_949014, EPI_ISL_949015, EPI_ISL_949016, EPI_ISL_949017, EPI_ISL_949018, EPI_ISL_949019, EPI_ISL_949021, EPI_ISL_949022, EPI_ISL_949024, EPI_ISL_949025, EPI_ISL_949028, EPI_ISL_949029, EPI_ISL_949030, EPI_ISL_949032, EPI_ISL_949033, EPI_ISL_949035, EPI_ISL_949036, EPI_ISL_949038, EPI_ISL_949039, EPI_ISL_949040, EPI_ISL_949042, EPI_ISL_949043, EPI_ISL_949044, EPI_ISL_949046, EPI_ISL_949048, EPI_ISL_949049, EPI_ISL_949050, EPI_ISL_949051, EPI_ISL_949052, EPI_ISL_949053, EPI_ISL_949054, EPI_ISL_949055, EPI_ISL_949056, EPI_ISL_949057, EPI_ISL_949058, EPI_ISL_949059, EPI_ISL_949060, EPI_ISL_949061, EPI_ISL_949062, EPI_ISL_949063, EPI_ISL_949064, EPI_ISL_949065			
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_949151, EPI_ISL_949152, EPI_ISL_949166, EPI_ISL_949167, EPI_ISL_949174	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949457, EPI_ISL_949458, EPI_ISL_949459, EPI_ISL_949460, EPI_ISL_949461, EPI_ISL_949462, EPI_ISL_949463, EPI_ISL_949464, EPI_ISL_949465, EPI_ISL_949466, EPI_ISL_949467, EPI_ISL_949468, EPI_ISL_949470, EPI_ISL_949471, EPI_ISL_949472, EPI_ISL_949473, EPI_ISL_949474, EPI_ISL_949475, EPI_ISL_949476, EPI_ISL_949477			
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_949609, EPI_ISL_949610, EPI_ISL_949611	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 Brooks, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipalli, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blagow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_949655, EPI_ISL_949656, EPI_ISL_949657, EPI_ISL_949658, EPI_ISL_949667, EPI_ISL_949671, EPI_ISL_949672, EPI_ISL_949673, EPI_ISL_949675, EPI_ISL_949676, EPI_ISL_949677, EPI_ISL_949678, EPI_ISL_949679, EPI_ISL_949682, EPI_ISL_949683, EPI_ISL_949686, EPI_ISL_949688			
see above	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jennifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Rendall, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_949751, EPI_ISL_949752	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_949907, EPI_ISL_949909, EPI_ISL_949912, EPI_ISL_949914, EPI_ISL_949975, EPI_ISL_950005, EPI_ISL_950007, EPI_ISL_950008, EPI_ISL_950009, EPI_ISL_950011, EPI_ISL_950012, EPI_ISL_950014, EPI_ISL_950015, EPI_ISL_950016, EPI_ISL_950019, EPI_ISL_950020, EPI_ISL_950021, EPI_ISL_950023, EPI_ISL_950025, EPI_ISL_950027, EPI_ISL_950028, EPI_ISL_950029, EPI_ISL_950031, EPI_ISL_950032, EPI_ISL_950033, EPI_ISL_950035, EPI_ISL_950036, EPI_ISL_950038, EPI_ISL_950040, EPI_ISL_950042, EPI_ISL_950045, EPI_ISL_950046, EPI_ISL_950051, EPI_ISL_950056, EPI_ISL_950057, EPI_ISL_950170			
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 Tutili, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_950398, EPI_ISL_950515, EPI_ISL_950516, EPI_ISL_950517, EPI_ISL_950518, EPI_ISL_950519, EPI_ISL_950520, EPI_ISL_950521, EPI_ISL_950522, EPI_ISL_950523, EPI_ISL_950524, EPI_ISL_950525, EPI_ISL_950526, EPI_ISL_950527, EPI_ISL_950529, EPI_ISL_950531, EPI_ISL_950533, EPI_ISL_950535, EPI_ISL_950536			
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_950639	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 Tsoleidis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_950735, EPI_ISL_950740, EPI_ISL_950741, EPI_ISL_950742, EPI_ISL_950744, EPI_ISL_950745, EPI_ISL_950746, EPI_ISL_950747, EPI_ISL_950748, EPI_ISL_950749, EPI_ISL_950750, EPI_ISL_950752, EPI_ISL_950753, EPI_ISL_950754, EPI_ISL_950755, EPI_ISL_950757			
see above	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_951496, EPI_ISL_951500, EPI_ISL_951501, EPI_ISL_951510, EPI_ISL_951511, EPI_ISL_951514, EPI_ISL_951515, EPI_ISL_951517, EPI_ISL_951518, EPI_ISL_951519, EPI_ISL_951529, EPI_ISL_951531, EPI_ISL_951534, EPI_ISL_951535, EPI_ISL_951538, EPI_ISL_951541, EPI_ISL_951542, EPI_ISL_951545, EPI_ISL_951550, EPI_ISL_951553, EPI_ISL_951554, EPI_ISL_951556, EPI_ISL_951558, EPI_ISL_951559, EPI_ISL_951560, EPI_ISL_951562, EPI_ISL_951567, EPI_ISL_951571, EPI_ISL_951572, EPI_ISL_951573, EPI_ISL_951576, EPI_ISL_951577, EPI_ISL_951578, EPI_ISL_951579, EPI_ISL_951581, EPI_ISL_951583, EPI_ISL_951585, EPI_ISL_951696, EPI_ISL_951730, EPI_ISL_951731, EPI_ISL_951732, EPI_ISL_951735, EPI_ISL_951738, EPI_ISL_951742, EPI_ISL_951746, EPI_ISL_951747, EPI_ISL_951749, EPI_ISL_951752, EPI_ISL_951762, EPI_ISL_951767, EPI_ISL_951777, EPI_ISL_951786, EPI_ISL_951834, EPI_ISL_951842, EPI_ISL_951844, EPI_ISL_951845, EPI_ISL_951848, EPI_ISL_951849, EPI_ISL_951850, EPI_ISL_951851, EPI_ISL_951852, EPI_ISL_951853, EPI_ISL_951855, EPI_ISL_951857, EPI_ISL_951859, EPI_ISL_951901, EPI_ISL_951902, EPI_ISL_951904, EPI_ISL_951905, EPI_ISL_951906, EPI_ISL_951909, EPI_ISL_951910, EPI_ISL_951913, EPI_ISL_951927, EPI_ISL_951928, EPI_ISL_951929, EPI_ISL_951930, EPI_ISL_951931, EPI_ISL_951932, EPI_ISL_951933, EPI_ISL_951935, EPI_ISL_951937, EPI_ISL_951938, EPI_ISL_951939, EPI_ISL_951940, EPI_ISL_951943, EPI_ISL_951945, EPI_ISL_951947, EPI_ISL_951948, EPI_ISL_951950, EPI_ISL_951951, EPI_ISL_951953, EPI_ISL_951954, EPI_ISL_951955, EPI_ISL_951956, EPI_ISL_951957, EPI_ISL_951958, EPI_ISL_951960, EPI_ISL_951961, EPI_ISL_951963, EPI_ISL_951987, EPI_ISL_951998, EPI_ISL_951999, EPI_ISL_952000, EPI_ISL_952010, EPI_ISL_952015, EPI_ISL_952177, EPI_ISL_952180, EPI_ISL_952235, EPI_ISL_952238, EPI_ISL_952239, EPI_ISL_952241, EPI_ISL_952246, EPI_ISL_952248			
see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Jonathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gille, Lee Graham, Nicole Pacchiarini, Sara Kumziane-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_952380, EPI_ISL_952395, EPI_ISL_952442, EPI_ISL_952450, EPI_ISL_952451, EPI_ISL_952452, EPI_ISL_952455, EPI_ISL_952457, EPI_ISL_952458, EPI_ISL_952460, EPI_ISL_952461, EPI_ISL_952462, EPI_ISL_952463, EPI_ISL_952464, EPI_ISL_952465, EPI_ISL_952466, EPI_ISL_952468, EPI_ISL_952485, EPI_ISL_952550, EPI_ISL_952553, EPI_ISL_952557, EPI_ISL_952558, EPI_ISL_952822, EPI_ISL_952823, EPI_ISL_952836, EPI_ISL_952837, EPI_ISL_952838			
see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson

EPI_ISL_953513, EPI_ISL_953518, EPI_ISL_953544, EPI_ISL_953545, EPI_ISL_953546, EPI_ISL_953547, EPI_ISL_953548, EPI_ISL_953549, EPI_ISL_953550, EPI_ISL_953551, EPI_ISL_953552, EPI_ISL_953553, EPI_ISL_953554, EPI_ISL_953555, EPI_ISL_953556, EPI_ISL_953557, EPI_ISL_953558, EPI_ISL_953559, EPI_ISL_953560, EPI_ISL_953561, EPI_ISL_953562, EPI_ISL_953563, EPI_ISL_953606, EPI_ISL_953607, EPI_ISL_953608, EPI_ISL_953609, EPI_ISL_953610, EPI_ISL_953611, EPI_ISL_953612, EPI_ISL_953613, EPI_ISL_953614, EPI_ISL_953615, EPI_ISL_953661				
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 Pegéot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis	
EPI_ISL_953951	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Guinard Jérôme	
EPI_ISL_953960	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Griscelli Franck	
EPI_ISL_953961, EPI_ISL_953962	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,Martres Pascale	
EPI_ISL_953963	Recherche	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Leruez-Ville Marianne	
EPI_ISL_953964	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,Ramirez José-Manuel	
EPI_ISL_953965	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,Martres Pascale	
EPI_ISL_954009, EPI_ISL_954010	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_954011	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,Bigaillon Christine	
EPI_ISL_954012	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_954013	Recherche	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Leruez-Ville Marianne	
EPI_ISL_954014	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,Farfour Eric	
EPI_ISL_954144	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, María Gema Codina, Carla Castillo, María Carmen Martín, Tomàs Pumarola, Josep Quer, Andrés Antón	
EPI_ISL_954789	Complejo Hospitalario Universitario La Coruña	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandoñis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballós, A. Monzón, S. Varona, S. Cuesta, I. Peña, F.	
EPI_ISL_955073	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_955264, EPI_ISL_955280, EPI_ISL_955282, EPI_ISL_955287	Clinical Pathology Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_955288	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_955289, EPI_ISL_955294, EPI_ISL_955295, EPI_ISL_955301	Clinical Pathology Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_955307	OK Public Health Laboratory, Oklahoma State DOH	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_955310	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_955317	Clinical Pathology Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_955891, EPI_ISL_955892, EPI_ISL_955893	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano	
EPI_ISL_957101	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_957735, EPI_ISL_957961, EPI_ISL_958218, EPI_ISL_958227, EPI_ISL_958231, EPI_ISL_958236, EPI_ISL_958247, EPI_ISL_958250, EPI_ISL_958252, EPI_ISL_958254, EPI_ISL_958260, EPI_ISL_958273, EPI_ISL_958276, EPI_ISL_958294, EPI_ISL_958304, EPI_ISL_958305, EPI_ISL_958307, EPI_ISL_958313, EPI_ISL_958325, EPI_ISL_958327, EPI_ISL_958333, EPI_ISL_958334, EPI_ISL_958338, EPI_ISL_958352, EPI_ISL_958359, EPI_ISL_958370, EPI_ISL_958373, EPI_ISL_958376, EPI_ISL_958384, EPI_ISL_958398, EPI_ISL_958412, EPI_ISL_958419, EPI_ISL_958420, EPI_ISL_958430, EPI_ISL_958433, EPI_ISL_958436, EPI_ISL_958443, EPI_ISL_958454, EPI_ISL_958455, EPI_ISL_958456, EPI_ISL_958461, EPI_ISL_958478, EPI_ISL_958484, EPI_ISL_958488, EPI_ISL_958513, EPI_ISL_958522, EPI_ISL_958528, EPI_ISL_958529, EPI_ISL_958537, EPI_ISL_958544, EPI_ISL_958556, EPI_ISL_958733, EPI_ISL_958915, EPI_ISL_958916				
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_958938, EPI_ISL_959005, EPI_ISL_959026, EPI_ISL_959071, EPI_ISL_959074, EPI_ISL_959149, EPI_ISL_959152, EPI_ISL_959176, EPI_ISL_959196, EPI_ISL_959224, EPI_ISL_959226, EPI_ISL_959266				
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_959267	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_959268, EPI_ISL_959269, EPI_ISL_959270	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_959271, EPI_ISL_959272	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_959363, EPI_ISL_959364	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_959742, EPI_ISL_959744, EPI_ISL_959745, EPI_ISL_959746	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun	
EPI_ISL_960847, EPI_ISL_960858	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen	
EPI_ISL_961018	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_961214, EPI_ISL_961216	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martín, Carmen Molina Pardines and SeqCOVID-SPAIN consortium	
EPI_ISL_961360, EPI_ISL_961361	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_961479, EPI_ISL_961522	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK	
EPI_ISL_962188, EPI_ISL_962189, EPI_ISL_962190, EPI_ISL_962192	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_962828, EPI_ISL_962829, EPI_ISL_962830, EPI_ISL_962831, EPI_ISL_962832	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.	
EPI_ISL_963408, EPI_ISL_963428, EPI_ISL_963555	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_964956, EPI_ISL_964957	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_964998, EPI_ISL_964999	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_965001	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_965331, EPI_ISL_965406, EPI_ISL_965409, EPI_ISL_965411	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_965414, EPI_ISL_965415	CHR de la 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_965419, EPI_ISL_965420	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_965421, EPI_ISL_965422, EPI_ISL_965423, EPI_ISL_965424, EPI_ISL_965425, EPI_ISL_965437, EPI_ISL_965438, EPI_ISL_965439, EPI_ISL_965440, EPI_ISL_965441, EPI_ISL_965442, EPI_ISL_965443, EPI_ISL_965444, EPI_ISL_965445, EPI_ISL_965446, EPI_ISL_965447	see above	CHR de la 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_965917, EPI_ISL_965918, EPI_ISL_965919	Hospital Los Arcos del Mar Menor	Instituto de Salud Carlos III	Vázquez, S. Iglesias-Caballero, M. Sandonís, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.	
EPI_ISL_965928	Hospital Los Arcos del Mar Menor	Instituto de Salud Carlos III	Sandonís, V. Vázquez, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.	
EPI_ISL_965930	Hospital Comarcal de Melilla	Instituto de Salud Carlos III	Sandonís, V. Vázquez, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Román, S.	
EPI_ISL_965935, EPI_ISL_965939	Hospital Los Arcos del Mar Menor	Instituto de Salud Carlos III	Sandonís, V. Vázquez, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.	
EPI_ISL_965945	Hospital Los Arcos del Mar Menor	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís, V. Vázquez, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.	
EPI_ISL_965949	Hospital Comarcal de Melilla	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís, V. Vázquez, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Román, S.	
EPI_ISL_965960	Servicio Murciano de Salud	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís, V. Vázquez, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.	
EPI_ISL_967771	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond	
EPI_ISL_970810, EPI_ISL_970823, EPI_ISL_970825, EPI_ISL_970828, EPI_ISL_970858, EPI_ISL_970877, EPI_ISL_970881, EPI_ISL_970883, EPI_ISL_970888, EPI_ISL_970890, EPI_ISL_970893, EPI_ISL_970903, EPI_ISL_970909, EPI_ISL_970914, EPI_ISL_970917, EPI_ISL_970935, EPI_ISL_970951, EPI_ISL_970957, EPI_ISL_970958, EPI_ISL_970962, EPI_ISL_971001, EPI_ISL_971011, EPI_ISL_971016, EPI_ISL_971025, EPI_ISL_971031, EPI_ISL_971041, EPI_ISL_971058, EPI_ISL_971067, EPI_ISL_971103, EPI_ISL_971106, EPI_ISL_971175, EPI_ISL_971201, EPI_ISL_971272, EPI_ISL_971302, EPI_ISL_971318, EPI_ISL_971323, EPI_ISL_971338, EPI_ISL_971363, EPI_ISL_971401	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_971425	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_971428	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_971462, EPI_ISL_971472, EPI_ISL_971474, EPI_ISL_971475, EPI_ISL_971493, EPI_ISL_971512, EPI_ISL_971517, EPI_ISL_971521, EPI_ISL_971540, EPI_ISL_971555, EPI_ISL_971585, EPI_ISL_971593, EPI_ISL_971596, EPI_ISL_971619, EPI_ISL_971620, EPI_ISL_971629, EPI_ISL_971630, EPI_ISL_971634, EPI_ISL_971636, EPI_ISL_971639, EPI_ISL_971654, EPI_ISL_971658, EPI_ISL_971661, EPI_ISL_971666, EPI_ISL_971670, EPI_ISL_971676, EPI_ISL_971678, EPI_ISL_971679, EPI_ISL_971682, EPI_ISL_971685, EPI_ISL_971687, EPI_ISL_971693, EPI_ISL_971694, EPI_ISL_971700, EPI_ISL_971702, EPI_ISL_971721, EPI_ISL_971726, EPI_ISL_971731, EPI_ISL_971732, EPI_ISL_971735, EPI_ISL_971741, EPI_ISL_971753, EPI_ISL_971763, EPI_ISL_971775, EPI_ISL_971776, EPI_ISL_971781, EPI_ISL_971789, EPI_ISL_971792, EPI_ISL_971796, EPI_ISL_971809, EPI_ISL_971810, EPI_ISL_971816, EPI_ISL_971818, EPI_ISL_971836, EPI_ISL_971838, EPI_ISL_971843, EPI_ISL_971858, EPI_ISL_971860, EPI_ISL_971864, EPI_ISL_971879, EPI_ISL_971884, EPI_ISL_971888, EPI_ISL_971894, EPI_ISL_971903, EPI_ISL_971904, EPI_ISL_971907, EPI_ISL_971909, EPI_ISL_971912, EPI_ISL_971928, EPI_ISL_971935, EPI_ISL_971937, EPI_ISL_971941, EPI_ISL_971950, EPI_ISL_971952, EPI_ISL_971957, EPI_ISL_971969, EPI_ISL_971972, EPI_ISL_971974, EPI_ISL_971976, EPI_ISL_971980, EPI_ISL_972003, EPI_ISL_972003, EPI_ISL_972011, EPI_ISL_972021, EPI_ISL_972026, EPI_ISL_972038, EPI_ISL_972047, EPI_ISL_972048, EPI_ISL_972059, EPI_ISL_972086, EPI_ISL_972097, EPI_ISL_972104, EPI_ISL_972107, EPI_ISL_972124, EPI_ISL_972133, EPI_ISL_972134, EPI_ISL_972145, EPI_ISL_972146, EPI_ISL_972155, EPI_ISL_972166, EPI_ISL_972177, EPI_ISL_972187, EPI_ISL_972210, EPI_ISL_972211, EPI_ISL_972220, EPI_ISL_972228, EPI_ISL_972234, EPI_ISL_972239, EPI_ISL_972248, EPI_ISL_972250, EPI_ISL_972259, EPI_ISL_972289, EPI_ISL_972292, EPI_ISL_972294, EPI_ISL_972295, EPI_ISL_972298, EPI_ISL_972300, EPI_ISL_972308, EPI_ISL_972318, EPI_ISL_972321, EPI_ISL_972322, EPI_ISL_972331, EPI_ISL_972334, EPI_ISL_972337, 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Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_978180	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS	
EPI_ISL_978886	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 Jeevandara, Deshni Jayathilaka, Dinuka Ariyaratne, Tibutius Thanesh Pramanayagam, Diyanath Ranasinghe, Laksiri Gomes, Gathsaurie Neelika Malavige	
EPI_ISL_979365, EPI_ISL_979366, EPI_ISL_979369	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_979472	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz	

EPI_ISL_979799	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_981118	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_981320, EPI_ISL_981328, EPI_ISL_981329, EPI_ISL_981365	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rererca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rererca	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_981475, EPI_ISL_981476	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981654	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_982252, EPI_ISL_982254, EPI_ISL_982257, EPI_ISL_982260, EPI_ISL_982261, EPI_ISL_982262, EPI_ISL_982263, EPI_ISL_982264, EPI_ISL_982267, EPI_ISL_982296	Lab voor klinische biologie	Lab voor klinische biologie	Hannelore Hamerlinck, Marija Janevska, Bruno Verhasselt
EPI_ISL_982301, EPI_ISL_982310	G.H.E.F.Grand Hôpital EST Francilien	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_982867, EPI_ISL_982871, EPI_ISL_982880, EPI_ISL_982881, EPI_ISL_982882, EPI_ISL_982889, EPI_ISL_982894, EPI_ISL_982896	MEPHI Aix Marseille University (AMU)	MEPHI Aix Marseille University (AMU)	Anthony LEVASSEUR
EPI_ISL_983734	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_984735, EPI_ISL_984952, EPI_ISL_984973	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Erelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_987289, EPI_ISL_987304, EPI_ISL_987344, EPI_ISL_987348, EPI_ISL_987379, EPI_ISL_987408, EPI_ISL_987416, EPI_ISL_987421, EPI_ISL_987430, EPI_ISL_987449, EPI_ISL_987456, EPI_ISL_987461, EPI_ISL_987476, EPI_ISL_987478, EPI_ISL_987490, EPI_ISL_987493, EPI_ISL_987508, EPI_ISL_987527, EPI_ISL_987541, EPI_ISL_987553, EPI_ISL_987566, EPI_ISL_987606, EPI_ISL_988214, EPI_ISL_988226, EPI_ISL_988228, EPI_ISL_988232, EPI_ISL_988247, EPI_ISL_988253, EPI_ISL_988255, EPI_ISL_988259, EPI_ISL_988264, EPI_ISL_988268, EPI_ISL_988280, EPI_ISL_988285, EPI_ISL_988293, EPI_ISL_988298, EPI_ISL_988300, EPI_ISL_988304, EPI_ISL_988315, EPI_ISL_988323, EPI_ISL_988324, EPI_ISL_988339, EPI_ISL_988340, EPI_ISL_988343, EPI_ISL_988355, EPI_ISL_988359, EPI_ISL_988381, EPI_ISL_988390, EPI_ISL_988397, EPI_ISL_988409, EPI_ISL_988420, EPI_ISL_988429, EPI_ISL_988433, EPI_ISL_988435, EPI_ISL_988437, EPI_ISL_988442, EPI_ISL_988451, EPI_ISL_988456, EPI_ISL_988465, EPI_ISL_988467, EPI_ISL_988475, EPI_ISL_988477, EPI_ISL_988478, EPI_ISL_988481	Lighthouse Lab in Cambridge	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-19)	
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-19)
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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_991352, EPI_ISL_991353, EPI_ISL_991354, EPI_ISL_991356, EPI_ISL_991357, EPI_ISL_991360, EPI_ISL_991362, EPI_ISL_991363, EPI_ISL_991364, EPI_ISL_991365, EPI_ISL_991371, EPI_ISL_991372, EPI_ISL_991373, EPI_ISL_991374, EPI_ISL_991375, EPI_ISL_991378, EPI_ISL_991380, EPI_ISL_991384, EPI_ISL_991388, EPI_ISL_991390, EPI_ISL_991391, EPI_ISL_991393, EPI_ISL_991394, EPI_ISL_991396, EPI_ISL_991398, EPI_ISL_991401, EPI_ISL_991402, EPI_ISL_991404, EPI_ISL_991405, EPI_ISL_991406, EPI_ISL_991407, EPI_ISL_991408, EPI_ISL_991410, EPI_ISL_991411, EPI_ISL_991413, EPI_ISL_991414, EPI_ISL_991415, EPI_ISL_991416, EPI_ISL_991420, EPI_ISL_991421, EPI_ISL_991423, EPI_ISL_991424, EPI_ISL_991425, EPI_ISL_991426, EPI_ISL_991427, EPI_ISL_991429, EPI_ISL_991430, EPI_ISL_991431, EPI_ISL_991433, EPI_ISL_991436, EPI_ISL_991438, EPI_ISL_991439, EPI_ISL_991440, EPI_ISL_991441, EPI_ISL_991442, EPI_ISL_991444, EPI_ISL_991445, EPI_ISL_991447, EPI_ISL_991449, EPI_ISL_991452, EPI_ISL_991456, EPI_ISL_991457, EPI_ISL_991459, EPI_ISL_991461, EPI_ISL_991462, EPI_ISL_991463, EPI_ISL_991466, EPI_ISL_991468, EPI_ISL_991469, EPI_ISL_991471, EPI_ISL_991472, EPI_ISL_991473, EPI_ISL_991474, EPI_ISL_991477, EPI_ISL_991479, EPI_ISL_991480, EPI_ISL_991481, EPI_ISL_991483, EPI_ISL_991484, EPI_ISL_991485, EPI_ISL_991487, EPI_ISL_991488, EPI_ISL_991492, EPI_ISL_991495, EPI_ISL_991497, EPI_ISL_991504, EPI_ISL_991505, EPI_ISL_991508, EPI_ISL_991509, EPI_ISL_991510, EPI_ISL_991512, EPI_ISL_991513, EPI_ISL_991514, EPI_ISL_991516, EPI_ISL_991518, EPI_ISL_991519, EPI_ISL_991520, EPI_ISL_991521, EPI_ISL_991522, EPI_ISL_991523, EPI_ISL_991524, EPI_ISL_991529, EPI_ISL_991533, EPI_ISL_991535, EPI_ISL_991538, EPI_ISL_991539, EPI_ISL_991541, EPI_ISL_991542, EPI_ISL_991545, EPI_ISL_991550, EPI_ISL_991552, EPI_ISL_991554, EPI_ISL_991555, EPI_ISL_991557, EPI_ISL_991559, EPI_ISL_991560, EPI_ISL_991562, EPI_ISL_991563, EPI_ISL_991564	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_991565, EPI_ISL_991566, EPI_ISL_991567, EPI_ISL_991569, EPI_ISL_991570, EPI_ISL_991571, EPI_ISL_991572, EPI_ISL_991574, EPI_ISL_991575, EPI_ISL_991576, EPI_ISL_991578, EPI_ISL_991579, EPI_ISL_991580, EPI_ISL_991581, EPI_ISL_991584, EPI_ISL_991587, EPI_ISL_991588, EPI_ISL_991591, EPI_ISL_991593, EPI_ISL_991595, EPI_ISL_991597, EPI_ISL_991598, EPI_ISL_991599, EPI_ISL_991600, EPI_ISL_991601, EPI_ISL_991603, EPI_ISL_991604, EPI_ISL_991605, EPI_ISL_991606, EPI_ISL_991607, EPI_ISL_991610, EPI_ISL_991611, EPI_ISL_991612, EPI_ISL_991613, EPI_ISL_991615, EPI_ISL_991616, EPI_ISL_991617, EPI_ISL_991618, EPI_ISL_991619, EPI_ISL_991620, EPI_ISL_991621, EPI_ISL_991622, EPI_ISL_991624, EPI_ISL_991625, EPI_ISL_991626, EPI_ISL_991627, EPI_ISL_991628, EPI_ISL_991629, EPI_ISL_991630, EPI_ISL_991631, EPI_ISL_991632, EPI_ISL_991633, EPI_ISL_991635, EPI_ISL_991636, EPI_ISL_991637, EPI_ISL_991639, EPI_ISL_991642, EPI_ISL_991644, EPI_ISL_991645, EPI_ISL_991646, EPI_ISL_991647, EPI_ISL_991648, EPI_ISL_991649, EPI_ISL_991650, EPI_ISL_991651, EPI_ISL_991652, EPI_ISL_991653, EPI_ISL_991654, EPI_ISL_991656, EPI_ISL_991657, EPI_ISL_991658, EPI_ISL_991659, EPI_ISL_991660, EPI_ISL_991663, EPI_ISL_991664, EPI_ISL_991665, EPI_ISL_991666, EPI_ISL_991668, EPI_ISL_991669, EPI_ISL_991670, EPI_ISL_991671, EPI_ISL_991672, EPI_ISL_991673, EPI_ISL_991674, EPI_ISL_991675, EPI_ISL_991676, EPI_ISL_991677, EPI_ISL_991678, EPI_ISL_991679, EPI_ISL_991682, EPI_ISL_991683, EPI_ISL_991685, EPI_ISL_991686, EPI_ISL_991687, EPI_ISL_991688, EPI_ISL_991689, EPI_ISL_991690, EPI_ISL_991691, EPI_ISL_991692, EPI_ISL_991693, EPI_ISL_991694, EPI_ISL_991695, EPI_ISL_991697, EPI_ISL_991698, EPI_ISL_991699, EPI_ISL_991700, EPI_ISL_991701, EPI_ISL_991702, EPI_ISL_991703, EPI_ISL_991704, EPI_ISL_991705, EPI_ISL_991707, EPI_ISL_991708, EPI_ISL_991709, EPI_ISL_991710, EPI_ISL_991713, EPI_ISL_991714, EPI_ISL_991715, EPI_ISL_991716, EPI_ISL_991717, EPI_ISL_991718, EPI_ISL_991719, EPI_ISL_991720, EPI_ISL_991721, EPI_ISL_991722, EPI_ISL_991723, EPI_ISL_991725, EPI_ISL_991727, EPI_ISL_991728, EPI_ISL_991729, EPI_ISL_991730, EPI_ISL_991731, EPI_ISL_991733, EPI_ISL_991734, EPI_ISL_991736, EPI_ISL_991737, EPI_ISL_991738, EPI_ISL_991739, EPI_ISL_991740, EPI_ISL_991741, EPI_ISL_991742, EPI_ISL_991743, EPI_ISL_991744, EPI_ISL_991745, EPI_ISL_991746, EPI_ISL_991747, EPI_ISL_991748, EPI_ISL_991749, EPI_ISL_991751, EPI_ISL_991752, EPI_ISL_991753, EPI_ISL_991754, EPI_ISL_991755, EPI_ISL_991756, EPI_ISL_991757, EPI_ISL_991758, EPI_ISL_991759, EPI_ISL_991760, EPI_ISL_991761, EPI_ISL_991762, EPI_ISL_991763, EPI_ISL_991764, EPI_ISL_991765, EPI_ISL_991766, EPI_ISL_991767, EPI_ISL_991768, EPI_ISL_991769, EPI_ISL_991771, EPI_ISL_991772, EPI_ISL_991773, EPI_ISL_991774, EPI_ISL_991775, EPI_ISL_991777, EPI_ISL_991779, EPI_ISL_991780, EPI_ISL_991781, EPI_ISL_991782, EPI_ISL_991783, EPI_ISL_991784, EPI_ISL_991785, EPI_ISL_991786, EPI_ISL_991787, EPI_ISL_991788, EPI_ISL_991789, EPI_ISL_991790, EPI_ISL_991791, EPI_ISL_991792, EPI_ISL_991793, EPI_ISL_991794, EPI_ISL_991795, EPI_ISL_991796, EPI_ISL_991797, EPI_ISL_991798, EPI_ISL_991799, EPI_ISL_991800, EPI_ISL_991802, EPI_ISL_991803, EPI_ISL_991804, EPI_ISL_991805, EPI_ISL_991806, EPI_ISL_991807, EPI_ISL_991808, EPI_ISL_991811, EPI_ISL_991812, EPI_ISL_991813, EPI_ISL_991814, EPI_ISL_991815, EPI_ISL_991816, EPI_ISL_991817, EPI_ISL_991818, EPI_ISL_991819, EPI_ISL_991821, EPI_ISL_991822, EPI_ISL_991823, EPI_ISL_991824, EPI_ISL_991825, EPI_ISL_991826, EPI_ISL_991828, EPI_ISL_991829, EPI_ISL_991830, EPI_ISL_991831, EPI_ISL_991832, EPI_ISL_991835, EPI_ISL_991836, EPI_ISL_991837, EPI_ISL_991840, EPI_ISL_991841, EPI_ISL_991842, EPI_ISL_991843, EPI_ISL_991844, EPI_ISL_991845, EPI_ISL_991846, EPI_ISL_991847, EPI_ISL_991848, EPI_ISL_991849, EPI_ISL_991850, EPI_ISL_991851, EPI_ISL_991852, EPI_ISL_991853, EPI_ISL_991854, EPI_ISL_991856, EPI_ISL_991857, EPI_ISL_991858, EPI_ISL_991859, EPI_ISL_991860, EPI_ISL_991861, EPI_ISL_991862, EPI_ISL_991863, EPI_ISL_991864, EPI_ISL_991865, EPI_ISL_991867, EPI_ISL_991868, EPI_ISL_991869, EPI_ISL_991872, EPI_ISL_991873, EPI_ISL_991874, EPI_ISL_991875, EPI_ISL_991876, EPI_ISL_991877, EPI_ISL_991878, EPI_ISL_991879, EPI_ISL_991880, EPI_ISL_991882, EPI_ISL_991883, EPI_ISL_991884, EPI_ISL_991885, EPI_ISL_991887, EPI_ISL_991888, EPI_ISL_991889, EPI_ISL_991890, EPI_ISL_991891, EPI_ISL_991892, EPI_ISL_991893, EPI_ISL_991894, EPI_ISL_991895, EPI_ISL_991896, EPI_ISL_991897, EPI_ISL_991898, EPI_ISL_991899, EPI_ISL_991900, EPI_ISL_991901	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_991904	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_991905, EPI_ISL_991907, EPI_ISL_991908, EPI_ISL_991909, EPI_ISL_991910, EPI_ISL_991911, EPI_ISL_991912, EPI_ISL_991913, EPI_ISL_991914, EPI_ISL_991915	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_992489	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_995491	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, Delamare Catherine
EPI_ISL_996401, EPI_ISL_996402, EPI_ISL_996403, EPI_ISL_996404, EPI_ISL_996405, EPI_ISL_996406, EPI_ISL_996410, EPI_ISL_996411, EPI_ISL_996412, EPI_ISL_996460, EPI_ISL_996461, EPI_ISL_996462	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_996543, EPI_ISL_996544	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_996673, EPI_ISL_996675, EPI_ISL_996677, EPI_ISL_996679, EPI_ISL_996687, EPI_ISL_996691, EPI_ISL_996693, EPI_ISL_996697, EPI_ISL_996699, EPI_ISL_996928, EPI_ISL_996929, EPI_ISL_996931, EPI_ISL_996932, EPI_ISL_996933, EPI_ISL_996934, EPI_ISL_996935, EPI_ISL_996936, EPI_ISL_996937, EPI_ISL_996938, EPI_ISL_996939, EPI_ISL_996940, EPI_ISL_996941, EPI_ISL_996954, EPI_ISL_996955, EPI_ISL_996956, EPI_ISL_996957, EPI_ISL_996958, EPI_ISL_996959, EPI_ISL_996960, EPI_ISL_996961, EPI_ISL_996962, EPI_ISL_996963, EPI_ISL_996964, EPI_ISL_996967, EPI_ISL_996968, EPI_ISL_996969, EPI_ISL_996970, EPI_ISL_996971, EPI_ISL_996972, EPI_ISL_996973, EPI_ISL_996974, EPI_ISL_996975, EPI_ISL_996976, EPI_ISL_996977, EPI_ISL_996978, EPI_ISL_996979, EPI_ISL_996988, EPI_ISL_996989, EPI_ISL_996990, EPI_ISL_996991, EPI_ISL_996992, EPI_ISL_996993, EPI_ISL_996994, EPI_ISL_996995, EPI_ISL_996996, EPI_ISL_996997, EPI_ISL_996998, EPI_ISL_996999, EPI_ISL_997000, EPI_ISL_997001, EPI_ISL_997035, EPI_ISL_997036, EPI_ISL_997037, EPI_ISL_997038, EPI_ISL_997039, EPI_ISL_997040, EPI_ISL_997041	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_997052, EPI_ISL_997053, EPI_ISL_997055	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, Rykiari 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_997090, EPI_ISL_997092, EPI_ISL_997093, EPI_ISL_997138, EPI_ISL_997139, EPI_ISL_997140	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_997166, EPI_ISL_997167, EPI_ISL_997168, EPI_ISL_997169, EPI_ISL_997178, EPI_ISL_997265, EPI_ISL_997266, EPI_ISL_997267, EPI_ISL_997269, EPI_ISL_997270, EPI_ISL_997274, EPI_ISL_997275, EPI_ISL_997276, EPI_ISL_997279, EPI_ISL_997280, EPI_ISL_997281, EPI_ISL_997282, EPI_ISL_997284, EPI_ISL_997335	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_997393, EPI_ISL_997407, EPI_ISL_997408, EPI_ISL_997471, EPI_ISL_997472, EPI_ISL_997475, EPI_ISL_997477, EPI_ISL_997479	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, Kimeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jennifer 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_997615, EPI_ISL_997652, EPI_ISL_997662, EPI_ISL_997663, EPI_ISL_997667, EPI_ISL_997669, EPI_ISL_997673, EPI_ISL_997674	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_997685, EPI_ISL_997686, EPI_ISL_997688, EPI_ISL_997693	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_998228, EPI_ISL_998229, EPI_ISL_998281, EPI_ISL_998283,	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

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EPI_ISL_998455, EPI_ISL_998456, EPI_ISL_998457, EPI_ISL_998458, EPI_ISL_998459, EPI_ISL_998460, EPI_ISL_998464, EPI_ISL_998465, EPI_ISL_998466, EPI_ISL_998468, EPI_ISL_998470, EPI_ISL_998471, EPI_ISL_998484, EPI_ISL_998486, EPI_ISL_998487, EPI_ISL_998488, EPI_ISL_998489, EPI_ISL_998490, EPI_ISL_998491, EPI_ISL_998493, EPI_ISL_998494, EPI_ISL_998496, EPI_ISL_998497, EPI_ISL_998498, EPI_ISL_998499, EPI_ISL_998500, EPI_ISL_998501, EPI_ISL_998502			
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_998773, EPI_ISL_998785, EPI_ISL_998786, EPI_ISL_998806, EPI_ISL_998842, EPI_ISL_998844, EPI_ISL_998849, EPI_ISL_998867, EPI_ISL_998871, EPI_ISL_998885	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
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EPI_ISL_999669	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor