

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_1054628, EPI_ISL_1054629, EPI_ISL_1054633, EPI_ISL_1054637, EPI_ISL_1054647, EPI_ISL_1054649, EPI_ISL_1054656, EPI_ISL_1054665, EPI_ISL_1054668, EPI_ISL_1054677, EPI_ISL_1054678, EPI_ISL_1054679, EPI_ISL_1054682, EPI_ISL_1054686, EPI_ISL_1054692, EPI_ISL_1054700	see above	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Anygal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Daniella Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
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EPI_ISL_1084601, EPI_ISL_1084602, EPI_ISL_1084603, EPI_ISL_1084604, EPI_ISL_1084673, EPI_ISL_1084674, EPI_ISL_1084675, EPI_ISL_1084676	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
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EPI_ISL_1091493, EPI_ISL_1091499, EPI_ISL_1091506, EPI_ISL_1091509, EPI_ISL_1091526, EPI_ISL_1091527, EPI_ISL_1091528, EPI_ISL_1091529, EPI_ISL_1091530, EPI_ISL_1091531, EPI_ISL_1091552, EPI_ISL_1091553, EPI_ISL_1091555, EPI_ISL_1091556, EPI_ISL_1091557, EPI_ISL_1091558, EPI_ISL_1091559			
see above	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emele Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1091933, EPI_ISL_1091941, EPI_ISL_1091954	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_1093196, EPI_ISL_1093197, EPI_ISL_1093198, EPI_ISL_1093199, EPI_ISL_1093200, EPI_ISL_1093201, EPI_ISL_1093202, EPI_ISL_1093203, EPI_ISL_1093204, EPI_ISL_1093205, EPI_ISL_1093206, EPI_ISL_1093207, EPI_ISL_1093208, EPI_ISL_1093209, EPI_ISL_1093210, EPI_ISL_1093224, EPI_ISL_1093246, EPI_ISL_1093247, EPI_ISL_1093248, EPI_ISL_1093249, EPI_ISL_1093250, EPI_ISL_1093253, EPI_ISL_1093263, EPI_ISL_1093264, EPI_ISL_1093363			
see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1095366, EPI_ISL_1095367, EPI_ISL_1095368, EPI_ISL_1095369, EPI_ISL_1095370, EPI_ISL_1095371, EPI_ISL_1095380, EPI_ISL_1095381, EPI_ISL_1095383, EPI_ISL_1095385, EPI_ISL_1095386, EPI_ISL_1095387, EPI_ISL_1095388, EPI_ISL_1095390, EPI_ISL_1095392, EPI_ISL_1095393, EPI_ISL_1095394, EPI_ISL_1095395, EPI_ISL_1095396, EPI_ISL_1095397, EPI_ISL_1095398, EPI_ISL_1095400, EPI_ISL_1095401, EPI_ISL_1095402, EPI_ISL_1095403, EPI_ISL_1095404, EPI_ISL_1095405, EPI_ISL_1095406			
see above	Istituto Zooprofilattico Sperimentale del Mezzogiorno	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1095452	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1096355, EPI_ISL_1096356, EPI_ISL_1096357, EPI_ISL_1096366, EPI_ISL_1096381, EPI_ISL_1096382, EPI_ISL_1096384, EPI_ISL_1096389, EPI_ISL_1096391, EPI_ISL_1096397, EPI_ISL_1096406, EPI_ISL_1096416, EPI_ISL_1096420, EPI_ISL_1096426, EPI_ISL_1096428, EPI_ISL_1096431, EPI_ISL_1096432, EPI_ISL_1096436, EPI_ISL_1096456, EPI_ISL_1096460, EPI_ISL_1096463, EPI_ISL_1096465, EPI_ISL_1096466, EPI_ISL_1096469, EPI_ISL_1096470, EPI_ISL_1096484, EPI_ISL_1096489, EPI_ISL_1096490, EPI_ISL_1096491, EPI_ISL_1096492, EPI_ISL_1096494, EPI_ISL_1096495, EPI_ISL_1096496, EPI_ISL_1096497, EPI_ISL_1096500, EPI_ISL_1096502, EPI_ISL_1096503, EPI_ISL_1096504, EPI_ISL_1096505, EPI_ISL_1096506, EPI_ISL_1096510, EPI_ISL_1096514, EPI_ISL_1096524, EPI_ISL_1096528, EPI_ISL_1096530, EPI_ISL_1096533, EPI_ISL_1096535, EPI_ISL_1096545, EPI_ISL_1096553, EPI_ISL_1096572, EPI_ISL_1096607, EPI_ISL_1096613, EPI_ISL_1096615, EPI_ISL_1096630, EPI_ISL_1096633, EPI_ISL_1096637, EPI_ISL_1096638, EPI_ISL_1096659, EPI_ISL_1096662, EPI_ISL_1096665			
see above	ASL Napoli 1 Centro	AMES Centro Polidiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Antonio Fico"
EPI_ISL_1096986, EPI_ISL_1096991, EPI_ISL_1096994, EPI_ISL_1096998, EPI_ISL_1097005, EPI_ISL_1097009, EPI_ISL_1097010, EPI_ISL_1097011, EPI_ISL_1097012, EPI_ISL_1097013, EPI_ISL_1097014, EPI_ISL_1097015			
see above	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1097016	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Col	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1097017, EPI_ISL_1097019, EPI_ISL_1097020, EPI_ISL_1097021, EPI_ISL_1097022	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1098024, EPI_ISL_1098042, EPI_ISL_1098078, EPI_ISL_1098090, EPI_ISL_1098092, EPI_ISL_1098094, EPI_ISL_1098104, EPI_ISL_1098131, EPI_ISL_1098152, EPI_ISL_1098158, EPI_ISL_1098166, EPI_ISL_1098173, EPI_ISL_1098177, EPI_ISL_1098179, EPI_ISL_1098183, EPI_ISL_1098193, EPI_ISL_1098205, EPI_ISL_1098222, EPI_ISL_1098228, EPI_ISL_1098230, EPI_ISL_1098250, EPI_ISL_1098262, EPI_ISL_1098273, EPI_ISL_1098300			
see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1098605	Cambodian National Public Health Laboratory, National Institute of Public Health	Virology Unit, Institut Pasteur du Cambodge	Sokhoun Yann, Ly Sovann, Kraing Sidonn, Yi Sengdoeurn, Chin Savuth, Chau Darapeak, Veasna Duong, Erik A Karlsson
EPI_ISL_1098969	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_1098987	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1099026, EPI_ISL_1099112, EPI_ISL_1099190, EPI_ISL_1099198	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_1099503, EPI_ISL_1099527, EPI_ISL_1099544, EPI_ISL_1099575, EPI_ISL_1099584, EPI_ISL_1099601, EPI_ISL_1099625, EPI_ISL_1099658, EPI_ISL_1099692, EPI_ISL_1099695	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1100103, EPI_ISL_1100104, EPI_ISL_1100106, EPI_ISL_1100111, EPI_ISL_1100124, EPI_ISL_1100133, EPI_ISL_1100140, EPI_ISL_1100147, EPI_ISL_1100186, EPI_ISL_1100206	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_1100209	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1100212, EPI_ISL_1100221, EPI_ISL_1100230, EPI_ISL_1100231, EPI_ISL_1100234, EPI_ISL_1100239, EPI_ISL_1100249, EPI_ISL_1100250, EPI_ISL_1100256, EPI_ISL_1100273, EPI_ISL_1100307, EPI_ISL_1100312, EPI_ISL_1100316, EPI_ISL_1100364, EPI_ISL_1100375, EPI_ISL_1100429, EPI_ISL_1100444,			

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EPI_ISL_1101679, EPI_ISL_1101680, EPI_ISL_1101681, EPI_ISL_1101687, EPI_ISL_1101706, EPI_ISL_1101709, EPI_ISL_1101713, EPI_ISL_1101721, EPI_ISL_1101747, EPI_ISL_1101776, EPI_ISL_1101781, EPI_ISL_1101784, EPI_ISL_1101789, EPI_ISL_1101810, EPI_ISL_1101818, EPI_ISL_1101827, EPI_ISL_1101829, EPI_ISL_1101832, EPI_ISL_1101840, EPI_ISL_1101855, EPI_ISL_1101860, EPI_ISL_1101878, EPI_ISL_1101890, EPI_ISL_1101899, EPI_ISL_1101904, EPI_ISL_1101912, EPI_ISL_1101913, EPI_ISL_1101930, EPI_ISL_1101940, EPI_ISL_1101964	see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1101967, EPI_ISL_1101968, EPI_ISL_1101969, EPI_ISL_1101970, EPI_ISL_1101971, EPI_ISL_1101972, EPI_ISL_1101973, EPI_ISL_1101974, EPI_ISL_1101975, EPI_ISL_1101976, EPI_ISL_1101978, EPI_ISL_1101979, EPI_ISL_1101981, EPI_ISL_1101982, EPI_ISL_1101983, EPI_ISL_1101984, EPI_ISL_1101985, EPI_ISL_1101986, EPI_ISL_1101987, EPI_ISL_1101988, EPI_ISL_1101989, EPI_ISL_1101990, EPI_ISL_1101991, EPI_ISL_1101992, EPI_ISL_1101993, EPI_ISL_1101994, EPI_ISL_1101995, EPI_ISL_1101996, EPI_ISL_1101997, EPI_ISL_1101998, EPI_ISL_1101999, EPI_ISL_1102000, EPI_ISL_1102001, EPI_ISL_1102002, EPI_ISL_1102003, EPI_ISL_1102004, EPI_ISL_1102005, EPI_ISL_1102006, EPI_ISL_1102007, EPI_ISL_1102008, EPI_ISL_1102009, EPI_ISL_1102010, EPI_ISL_1102011, EPI_ISL_1102012, EPI_ISL_1102013, EPI_ISL_1102014, EPI_ISL_1102015, EPI_ISL_1102016, EPI_ISL_1102017, EPI_ISL_1102018, EPI_ISL_1102019, EPI_ISL_1102020, EPI_ISL_1102021, EPI_ISL_1102022, EPI_ISL_1102023, EPI_ISL_1102024, EPI_ISL_1102025, EPI_ISL_1102027, EPI_ISL_1102028, EPI_ISL_1102032, EPI_ISL_1102034, EPI_ISL_1102036, EPI_ISL_1102038, EPI_ISL_1102041, EPI_ISL_1102043, EPI_ISL_1102045, EPI_ISL_1102046, EPI_ISL_1102048, EPI_ISL_1102050, EPI_ISL_1102052, EPI_ISL_1102055, EPI_ISL_1102056, EPI_ISL_1102057, EPI_ISL_1102061, EPI_ISL_1102062, EPI_ISL_1102065, EPI_ISL_1102068, EPI_ISL_1102069, EPI_ISL_1102072, EPI_ISL_1102073, EPI_ISL_1102078, EPI_ISL_1102079, EPI_ISL_1102080, EPI_ISL_1102081, EPI_ISL_1102082, EPI_ISL_1102084, EPI_ISL_1102085, EPI_ISL_1102087, EPI_ISL_1102088, EPI_ISL_1102089, EPI_ISL_1102090, EPI_ISL_1102091, EPI_ISL_1102092, EPI_ISL_1102093, EPI_ISL_1102094, EPI_ISL_1102096, EPI_ISL_1102098, EPI_ISL_1102099, EPI_ISL_1102100, EPI_ISL_1102101, EPI_ISL_1102102, EPI_ISL_1102103, EPI_ISL_1102104, EPI_ISL_1102106, EPI_ISL_1102107, EPI_ISL_1102108, EPI_ISL_1102109, EPI_ISL_1102111, EPI_ISL_1102112, EPI_ISL_1102114, EPI_ISL_1102116, EPI_ISL_1102118, EPI_ISL_1102120, EPI_ISL_1102122, EPI_ISL_1102123, EPI_ISL_1102124, EPI_ISL_1102125, EPI_ISL_1102129, EPI_ISL_1102130, EPI_ISL_1102132, EPI_ISL_1102134, EPI_ISL_1102136, EPI_ISL_1102138, EPI_ISL_1102141, EPI_ISL_1102142, EPI_ISL_1102153, EPI_ISL_1102154, EPI_ISL_1102159, EPI_ISL_1102160, EPI_ISL_1102163, EPI_ISL_1102164, EPI_ISL_1102167, EPI_ISL_1102168, EPI_ISL_1102169, EPI_ISL_1102171, EPI_ISL_1102172, EPI_ISL_1102174, EPI_ISL_1102175, EPI_ISL_1102176, EPI_ISL_1102182, EPI_ISL_1102183, EPI_ISL_1102184, EPI_ISL_1102185, EPI_ISL_1102186, EPI_ISL_1102188, EPI_ISL_1102189, EPI_ISL_1102191, EPI_ISL_1102193, EPI_ISL_1102194, EPI_ISL_1102195, EPI_ISL_1102196, EPI_ISL_1102197, EPI_ISL_1102198, EPI_ISL_1102205, EPI_ISL_1102213, EPI_ISL_1102215, EPI_ISL_1102216, EPI_ISL_1102223, EPI_ISL_1102224, EPI_ISL_1102226, EPI_ISL_1102228, EPI_ISL_1102231, EPI_ISL_1102232, EPI_ISL_1102234, EPI_ISL_1102235, EPI_ISL_1102237, EPI_ISL_1102240, EPI_ISL_1102241, EPI_ISL_1102243, EPI_ISL_1102244, EPI_ISL_1102248, EPI_ISL_1102249, EPI_ISL_1102253, EPI_ISL_1102255, EPI_ISL_1102259, EPI_ISL_1102260, EPI_ISL_1102263, EPI_ISL_1102264, EPI_ISL_1102266, EPI_ISL_1102267, EPI_ISL_1102268, EPI_ISL_1102269, EPI_ISL_1102270, EPI_ISL_1102272, EPI_ISL_1102273, EPI_ISL_1102276, EPI_ISL_1102286, EPI_ISL_1102289, EPI_ISL_1102294, EPI_ISL_1102296, EPI_ISL_1102298, EPI_ISL_1102299, EPI_ISL_1102300	see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102302, EPI_ISL_1102303, EPI_ISL_1102304		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102305, EPI_ISL_1102307, EPI_ISL_1102309, EPI_ISL_1102310		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102312, EPI_ISL_1102313, EPI_ISL_1102314, EPI_ISL_1102318, EPI_ISL_1102319		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102320		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102322, EPI_ISL_1102323, EPI_ISL_1102324, EPI_ISL_1102325, EPI_ISL_1102326, EPI_ISL_1102328, EPI_ISL_1102329		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102330		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102331, EPI_ISL_1102335		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102336		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102337, EPI_ISL_1102339		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102341, EPI_ISL_1102342		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102343		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102344		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102345, EPI_ISL_1102346, EPI_ISL_1102347		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102348		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102349, EPI_ISL_1102350		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102351		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102352		Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1102353		Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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EPI_ISL_1103316, EPI_ISL_1103317, EPI_ISL_1103318, EPI_ISL_1103319, EPI_ISL_1103320, EPI_ISL_1103321, EPI_ISL_1103322, EPI_ISL_1103323, EPI_ISL_1103324, EPI_ISL_1103325, EPI_ISL_1103326, EPI_ISL_1103327, EPI_ISL_1103328, EPI_ISL_1103329, EPI_ISL_1103330, EPI_ISL_1103331, EPI_ISL_1103332, EPI_ISL_1103334, EPI_ISL_1103335, EPI_ISL_1103336, EPI_ISL_1103337, EPI_ISL_1103338, EPI_ISL_1103339, EPI_ISL_1103340, EPI_ISL_1103341, EPI_ISL_1103342, EPI_ISL_1103343, EPI_ISL_1103344, EPI_ISL_1103345, EPI_ISL_1103346, EPI_ISL_1103347, EPI_ISL_1103348, EPI_ISL_1103349, EPI_ISL_1103350, EPI_ISL_1103351, EPI_ISL_1103352, EPI_ISL_1103353, EPI_ISL_1103354, EPI_ISL_1103356, EPI_ISL_1103357, EPI_ISL_1103359, EPI_ISL_1103360, EPI_ISL_1103362, EPI_ISL_1103363, EPI_ISL_1103364			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1103575	AZ Klina	AZ Klina	Dr. C. Vael
EPI_ISL_1103624	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_1103895, EPI_ISL_1103896, EPI_ISL_1103897, EPI_ISL_1103899, EPI_ISL_1103900, EPI_ISL_1103901, EPI_ISL_1103902, EPI_ISL_1103903, EPI_ISL_1103906, EPI_ISL_1103907	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_1104193, EPI_ISL_1104194, EPI_ISL_1104195, EPI_ISL_1104196	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_1104280, EPI_ISL_1104281, EPI_ISL_1104282, EPI_ISL_1104283, EPI_ISL_1104284, EPI_ISL_1104289	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_1104550	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 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 Olateja, 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_1104652, EPI_ISL_1104654	Virologia, Dipartimento di Scienze Biomediche, Università di Sassari, Viale San Pietro, 43/B - Sassari	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Giovanna Piras, Asproni Rosanna, Paolo Malune, Maria Itria Monne, Angelo Domenico Palmas, Caterina Serra, Elena Rimini, Salvatore Rubino
EPI_ISL_1104700, EPI_ISL_1104703, EPI_ISL_1104704, EPI_ISL_1104741, EPI_ISL_1104742, EPI_ISL_1104746, EPI_ISL_1104747, EPI_ISL_1104763, EPI_ISL_1104764, EPI_ISL_1104765, EPI_ISL_1105443, EPI_ISL_1105444	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 Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1105718	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_1105814, EPI_ISL_1105815, EPI_ISL_1105816, EPI_ISL_1105817, EPI_ISL_1105818, EPI_ISL_1105819, EPI_ISL_1105820, EPI_ISL_1105821	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_1106639	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1106797, EPI_ISL_1106806, EPI_ISL_1106810, EPI_ISL_1106825, EPI_ISL_1106827, EPI_ISL_1106832, EPI_ISL_1106833, EPI_ISL_1106841, EPI_ISL_1106847, EPI_ISL_1106854, EPI_ISL_1106865, EPI_ISL_1106875, EPI_ISL_1106878, EPI_ISL_1106879, EPI_ISL_1106881, EPI_ISL_1106882, EPI_ISL_1106903, EPI_ISL_1106925, EPI_ISL_1106928, EPI_ISL_1106931, EPI_ISL_1106936, EPI_ISL_1106945, EPI_ISL_1106948, EPI_ISL_1106949, EPI_ISL_1106950, EPI_ISL_1106951, EPI_ISL_1106962, EPI_ISL_1106966, EPI_ISL_1106967, EPI_ISL_1106969, EPI_ISL_1106971, EPI_ISL_1106991, EPI_ISL_1107002, EPI_ISL_1107003, EPI_ISL_1107005, EPI_ISL_1107006, EPI_ISL_1107008, EPI_ISL_1107009, EPI_ISL_1107010, EPI_ISL_1107011, EPI_ISL_1107016, EPI_ISL_1107017, EPI_ISL_1107023, EPI_ISL_1107024, EPI_ISL_1107027, EPI_ISL_1107036, EPI_ISL_1107038, EPI_ISL_1107042, EPI_ISL_1107044, EPI_ISL_1107045, EPI_ISL_1107046, EPI_ISL_1107048, EPI_ISL_1107064, EPI_ISL_1107065, EPI_ISL_1107066, EPI_ISL_1107067, EPI_ISL_1107069, EPI_ISL_1107070, EPI_ISL_1107073, EPI_ISL_1107076, EPI_ISL_1107077, EPI_ISL_1107080, EPI_ISL_1107081, EPI_ISL_1107082, EPI_ISL_1107085, EPI_ISL_1107086, EPI_ISL_1107090, EPI_ISL_1107091, EPI_ISL_1107092, EPI_ISL_1107093, EPI_ISL_1107094, EPI_ISL_1107101, EPI_ISL_1107106, EPI_ISL_1107109, EPI_ISL_1107111, EPI_ISL_1107119, EPI_ISL_1107129, EPI_ISL_1107130, EPI_ISL_1107131, EPI_ISL_1107136, EPI_ISL_1107137, EPI_ISL_1107138, EPI_ISL_1107140, EPI_ISL_1107145, EPI_ISL_1107146, EPI_ISL_1107147, EPI_ISL_1107148, EPI_ISL_1107149, EPI_ISL_1107151, EPI_ISL_1107152, EPI_ISL_1107155, EPI_ISL_1107156, EPI_ISL_1107157, EPI_ISL_1107158, EPI_ISL_1107161, EPI_ISL_1107175, EPI_ISL_1107177, EPI_ISL_1107183, EPI_ISL_1107184, EPI_ISL_1107185, EPI_ISL_1107190, EPI_ISL_1107191, EPI_ISL_1107192, EPI_ISL_1107195, EPI_ISL_1107197, EPI_ISL_1107198, EPI_ISL_1107207, EPI_ISL_1107208, EPI_ISL_1107209	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1107214, EPI_ISL_1107216, EPI_ISL_1107217, EPI_ISL_1107232, EPI_ISL_1107233, EPI_ISL_1107239, EPI_ISL_1107244, EPI_ISL_1107248, EPI_ISL_1107249, EPI_ISL_1107252, EPI_ISL_1107261, EPI_ISL_1107262, EPI_ISL_1107277, EPI_ISL_1107287, EPI_ISL_1107294, EPI_ISL_1107295, EPI_ISL_1107296, EPI_ISL_1107301, EPI_ISL_1107306, EPI_ISL_1107311, EPI_ISL_1107341, EPI_ISL_1107356, EPI_ISL_1107357, EPI_ISL_1107363, EPI_ISL_1107365, EPI_ISL_1107374, EPI_ISL_1107384, EPI_ISL_1107387, EPI_ISL_1107388, EPI_ISL_1107389, EPI_ISL_1107390, EPI_ISL_1107392, EPI_ISL_1107425, EPI_ISL_1107435, EPI_ISL_1107437, EPI_ISL_1107444, EPI_ISL_1107449, EPI_ISL_1107450, EPI_ISL_1107453, EPI_ISL_1107490, EPI_ISL_1107491, EPI_ISL_1107495, EPI_ISL_1107504, EPI_ISL_1107505, EPI_ISL_1107508, EPI_ISL_1107514	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1107533, EPI_ISL_1107534, EPI_ISL_1107535, EPI_ISL_1107649, EPI_ISL_1107686, EPI_ISL_1107687, EPI_ISL_1107688, EPI_ISL_1107689, EPI_ISL_1107690, EPI_ISL_1107691, EPI_ISL_1107692, EPI_ISL_1107756, EPI_ISL_1107759, EPI_ISL_1107760, EPI_ISL_1107761, EPI_ISL_1107762, EPI_ISL_1107763, EPI_ISL_1107764, EPI_ISL_1107765, EPI_ISL_1107766, EPI_ISL_1107767, EPI_ISL_1107768, EPI_ISL_1107769, EPI_ISL_1107770, EPI_ISL_1107771, EPI_ISL_1107772, EPI_ISL_1107773, EPI_ISL_1107774, EPI_ISL_1107775, EPI_ISL_1107784, EPI_ISL_1107791, EPI_ISL_1107792	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_1109323, EPI_ISL_1109331, EPI_ISL_1109350, EPI_ISL_1109352, EPI_ISL_1109355, EPI_ISL_1109385	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 Carriero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1109580, EPI_ISL_1109584, EPI_ISL_1109585, EPI_ISL_1109589, EPI_ISL_1109590	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Az. Ospedaliero-Universitaria Udine	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Marcello A, D'Agaro P, Pipan C
EPI_ISL_1109592	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia)	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Marcello A, Segat L, Piscianz E, D'Agaro P
EPI_ISL_1109635	Baylor Esoteric + Molecular Lab	Baylor Esoteric + Molecular Lab	Elizabeth Forrester and Dawn Richards
EPI_ISL_1109795	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1109975, EPI_ISL_1109978,	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR

EPI_ISL_1109979, EPI_ISL_1110012, EPI_ISL_1110013, EPI_ISL_1110015			
EPI_ISL_1110182	Hôpital Ambroise-Paré	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_1110191	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_1110205	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_1110212	Hôpital Avicenne	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1110514	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110521, EPI_ISL_1110522, EPI_ISL_1110523	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 Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110524, EPI_ISL_1110525, EPI_ISL_1110526, EPI_ISL_1110527, EPI_ISL_1110528	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110581, EPI_ISL_1110582, EPI_ISL_1110583, EPI_ISL_1110584, EPI_ISL_1110586, EPI_ISL_1110587, EPI_ISL_1110588, EPI_ISL_1110589, EPI_ISL_1110590, EPI_ISL_1110591, EPI_ISL_1110592, EPI_ISL_1110593, EPI_ISL_1110594, EPI_ISL_1110595	see above	LAB ANALISI PO CARDARELLI CB	Scutellà M, Niro G, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1110895, EPI_ISL_1110896	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, Cady Anne
EPI_ISL_1111739, EPI_ISL_1111740, EPI_ISL_1111741	National Laboratory for Health, Environment and Food, OMM, Koper	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1111750	National Laboratory for Health, Environment and Food, OMM, Celje	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1111752, EPI_ISL_1111753	National Laboratory for Health, Environment and Food, OMM, Novo mesto	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1112184	National Laboratory for Health, Environment and Food, OMM, Koper	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1112241, EPI_ISL_1112243, EPI_ISL_1112245, EPI_ISL_1112246, EPI_ISL_1112250, EPI_ISL_1112252, EPI_ISL_1112254, EPI_ISL_1112258, EPI_ISL_1112260, EPI_ISL_1112263, EPI_ISL_1112266, EPI_ISL_1112267, EPI_ISL_1112273, EPI_ISL_1112275, EPI_ISL_1112277, EPI_ISL_1112278, EPI_ISL_1112281, EPI_ISL_1112282, EPI_ISL_1112286, EPI_ISL_1112288, EPI_ISL_1112291	see above	Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziale Policlinico	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A.
EPI_ISL_1113061, EPI_ISL_1113075	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Sébastien Bontems, Fabrice Bureau, Laurent Gillet, Wouter Coppeters, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1113087	CHR de La Citadelle	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1114307, EPI_ISL_1114309, EPI_ISL_1114312, EPI_ISL_1114314, EPI_ISL_1114346	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Hallim, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodríguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114374	Evergreen Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114380	Northwest Laboratory	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114489	Department of Health and Mental Hygiene Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114492	Department of Health and Mental Hygiene Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114503	Department of Health and Mental Hygiene Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114506	Department of Health and Mental Hygiene Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114776, EPI_ISL_1114782, EPI_ISL_1114784, EPI_ISL_1114792, EPI_ISL_1114794, EPI_ISL_1114810	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_1114812	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114819	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_1114828	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian

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EPI_ISL_1116297, EPI_ISL_1116298, EPI_ISL_1116299, EPI_ISL_1116300, EPI_ISL_1116301, EPI_ISL_1116302, EPI_ISL_1116303, EPI_ISL_1116304, EPI_ISL_1116305, EPI_ISL_1116306, EPI_ISL_1116307, EPI_ISL_1116308, EPI_ISL_1116309	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_1116444, EPI_ISL_1116445, EPI_ISL_1116446, EPI_ISL_1116447, EPI_ISL_1116448, EPI_ISL_1116449, EPI_ISL_1116450, EPI_ISL_1116451, EPI_ISL_1116452, EPI_ISL_1116453, EPI_ISL_1116454, EPI_ISL_1116455, EPI_ISL_1116456, EPI_ISL_1116457	see above	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_1116477, EPI_ISL_1116486		NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1116561, EPI_ISL_1116562		Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1117529, EPI_ISL_1117530, EPI_ISL_1117531, EPI_ISL_1117532, EPI_ISL_1117533, EPI_ISL_1117534, EPI_ISL_1117535, EPI_ISL_1117536, EPI_ISL_1117541, EPI_ISL_1117542, EPI_ISL_1117543, EPI_ISL_1117544, EPI_ISL_1117545, EPI_ISL_1117546, EPI_ISL_1117547, EPI_ISL_1117548, EPI_ISL_1117549	see above	Hospital Universitari Joan XXIII de Tarragona	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1117661, EPI_ISL_1117662		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117663		SIESP CHIETI, DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117664		SIESP DIP PREV CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117665, EPI_ISL_1117666		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117667		SIESP CHIETI, DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117668		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117669		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_1117670, EPI_ISL_1117671		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117672		SIESP DIP PREV CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117673		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117674		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_1117675		DIP PREV AVEZZANO-SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITÀ PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117676		SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117677		USCA CASTEL DI SANGRO	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_1117678, EPI_ISL_1117679		SIESP CHIETI, DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117680		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117681		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_1117682		SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117683, EPI_ISL_1117684		USCA CASTEL DI SANGRO	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_1117685		SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117686		DIP PREV AVEZZANO-SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITÀ PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117687		SIESP CHIETI, DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117688		SIESP DIP PREV CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117689		SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117705, EPI_ISL_1117716 EPI_ISL_1117717		National Virus Reference Laboratory National Virus Reference Laboratory	National Virus Reference Laboratory National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1117718, EPI_ISL_1117723, EPI_ISL_1117730, EPI_ISL_1117744, EPI_ISL_1117749, EPI_ISL_1117752		National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1118105, EPI_ISL_1118106, EPI_ISL_1118107		Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Løvestad
EPI_ISL_1118818, EPI_ISL_1118831		Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt

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	Zürich		Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119567	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1121156, EPI_ISL_1121157, EPI_ISL_1121158, EPI_ISL_1121159, EPI_ISL_1121160, EPI_ISL_1121161, EPI_ISL_1121162, EPI_ISL_1121163, EPI_ISL_1121164, EPI_ISL_1121168, EPI_ISL_1121169, EPI_ISL_1121172, EPI_ISL_1121174			
see above	SYNLAB - Laboratorio 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_1121190	Department of Clinical Microbiology	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_1121191, EPI_ISL_1121192, EPI_ISL_1121193, EPI_ISL_1121194, EPI_ISL_1121195	SYNLAB - Laboratorio 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_1121990	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain, JSC "Farmak"	Alla Mironenko, Andriy Goy, Ihor Kravchuk, Ludmyla Bolotova, Larysa Radchenko, Nataliia Teteriuk
EPI_ISL_1122476, EPI_ISL_1122484, EPI_ISL_1122556, EPI_ISL_1122563, EPI_ISL_1122564, EPI_ISL_1122573	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_1122655	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1122660, EPI_ISL_1122698, EPI_ISL_1122702, EPI_ISL_1122711, EPI_ISL_1122743, EPI_ISL_1122744, EPI_ISL_1122777	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_1123142, EPI_ISL_1123162, EPI_ISL_1123165, EPI_ISL_1123184, EPI_ISL_1123189, EPI_ISL_1123217, EPI_ISL_1123222, EPI_ISL_1123224, EPI_ISL_1123232, EPI_ISL_1123240, EPI_ISL_1123244, EPI_ISL_1123247, EPI_ISL_1123248, EPI_ISL_1123249, EPI_ISL_1123255, EPI_ISL_1123257			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1125255, EPI_ISL_1125264, EPI_ISL_1125266, EPI_ISL_1125268, EPI_ISL_1125271, EPI_ISL_1125294, EPI_ISL_1125298, EPI_ISL_1125309	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1128868, EPI_ISL_1128878, EPI_ISL_1128880, EPI_ISL_1128882, EPI_ISL_1128884	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1138898	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1140109, EPI_ISL_1140110, EPI_ISL_1140111, EPI_ISL_1140114, EPI_ISL_1140115, EPI_ISL_1140116	Università di Parma, Laboratorio di Igiene e Sanità Pubblica	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Maria Eugenia Colucci, Licia Veronesi, Paola Affanni, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1148476	Institut für Immunologie und Genetik Kaiserslautern: Medizinisches Labor Dr. med. B. Thiele	Robert Koch Institute	unknown
EPI_ISL_1150459	Katholisches Klinikum Lünen/Werne GmbH : St.-Marien-Hospital Lünen	Robert Koch Institute	unknown
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see above	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
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EPI_ISL_1152669	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
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EPI_ISL_1152781	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
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EPI_ISL_1152879	Synlab MVZ Augsburg	Robert Koch Institute	unknown
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EPI_ISL_1152940	Synlab MVZ Augsburg	Robert Koch Institute	unknown
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EPI_ISL_1153024	Synlab MVZ Augsburg	Robert Koch Institute	unknown
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EPI_ISL_1153623	Synlab MVZ Augsburg	Robert Koch Institute	unknown
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see above	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
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EPI_ISL_1155333	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
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EPI_ISL_1155999	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
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see above	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1156366, EPI_ISL_1156368	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1156373	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156374, EPI_ISL_1156377	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156380, EPI_ISL_1156388	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156394, EPI_ISL_1156395	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156398	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156404, EPI_ISL_1156409, EPI_ISL_1156413	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156462, EPI_ISL_1156466, EPI_ISL_1156474	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156476, EPI_ISL_1156482, EPI_ISL_1156517	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156518	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156523, EPI_ISL_1156535, EPI_ISL_1156539	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156549	Gesundheitszentrum Brandenburg an der Havel GmbH bzw. Institut für Laboratoriumsmedizin Brandenburg an der Havel	Robert Koch Institute	unknown
EPI_ISL_1156550, EPI_ISL_1156552	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156554, EPI_ISL_1156555	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156580, EPI_ISL_1156581	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156590, EPI_ISL_1156595	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156600	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156604	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1156607	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156609	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156611	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156615	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156618	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156619	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156625	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156626, EPI_ISL_1156639, EPI_ISL_1156649	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156651	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1156659	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156662	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156686, EPI_ISL_1156689, EPI_ISL_1156694	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156696	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156697	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156699, EPI_ISL_1156722	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156726	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156753	Gesundheitszentrum Brandenburg an der Havel GmbH bzw. Institut für Laboratoriumsmedizin Brandenburg an der Havel	Robert Koch Institute	unknown
EPI_ISL_1156772	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156781, EPI_ISL_1156793, EPI_ISL_1156801, EPI_ISL_1156867, EPI_ISL_1156884	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156887	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1156901, EPI_ISL_1156902	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156903	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156910	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156920	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1156942	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156948, EPI_ISL_1156949, EPI_ISL_1156951, EPI_ISL_1156960, EPI_ISL_1156962, EPI_ISL_1156966,	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown

EPI_ISL_1156967, EPI_ISL_1156968, EPI_ISL_1156971, EPI_ISL_1156972			
EPI_ISL_1156975	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156978, EPI_ISL_1157003, EPI_ISL_1157026, EPI_ISL_1157032	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157120	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1157131, EPI_ISL_1157136	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1157137	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1157376	Thüringer Landesamt für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1157866	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1158140, EPI_ISL_1158141, EPI_ISL_1158142, EPI_ISL_1158143, EPI_ISL_1158144, EPI_ISL_1158145, EPI_ISL_1158146, EPI_ISL_1158147, EPI_ISL_1158148, EPI_ISL_1158149, EPI_ISL_1158302, EPI_ISL_1158303, EPI_ISL_1158306, EPI_ISL_1158329, EPI_ISL_1158333, EPI_ISL_1158334, EPI_ISL_1158335, EPI_ISL_1158336, EPI_ISL_1158337, EPI_ISL_1158338, EPI_ISL_1158339, EPI_ISL_1158340, EPI_ISL_1158341, EPI_ISL_1158356			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1158580	Laboratoire Vivalia - Cliniques St-Joseph	Plateforme de testing Namuroise	Maschietto Céline ; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1158856, EPI_ISL_1158859, EPI_ISL_1158861, EPI_ISL_1158863, EPI_ISL_1158864, EPI_ISL_1158865, EPI_ISL_1158867, EPI_ISL_1158869, EPI_ISL_1158872, EPI_ISL_1158875, EPI_ISL_1158876, EPI_ISL_1158878, EPI_ISL_1158880, EPI_ISL_1158881, EPI_ISL_1158882			
see above	Dutch COVID-19 response team	Medical Microbiology, Maastricht University Medical Centre	Jozef Dingemans*, Brian van der Veer*, Erik Beuken, Carmen Reumkens, Lieke van Alphen, Christian Hoebe, Paul Savelkoul
EPI_ISL_1159107	Laboratoire Vivalia - Cliniques St-Joseph	Plateforme de testing Namuroise	Maschietto Céline ; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1164612, EPI_ISL_1164613, EPI_ISL_1164614, EPI_ISL_1164615, EPI_ISL_1164620, EPI_ISL_1164621, EPI_ISL_1164622	Salzkammergutklinikum Vöcklabruck, Institut für Pathologie	Salzkammergutklinikum Vöcklabruck, Institut für Pathologie	Regina Stitz
EPI_ISL_1164756	Azienda USL Umbria 2	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Proietti A, Pistoni E, 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_1164847, EPI_ISL_1164850, EPI_ISL_1164851	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1165008, EPI_ISL_1165043, EPI_ISL_1165047, EPI_ISL_1165048, EPI_ISL_1165053, EPI_ISL_1165065	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_1165146, EPI_ISL_1165148, EPI_ISL_1165149, EPI_ISL_1165150, EPI_ISL_1165170, EPI_ISL_1165171, EPI_ISL_1165174, EPI_ISL_1165188, EPI_ISL_1165189, EPI_ISL_1165190, EPI_ISL_1165195, EPI_ISL_1165196, EPI_ISL_1165197, EPI_ISL_1165222, EPI_ISL_1165224, EPI_ISL_1165240, EPI_ISL_1165244, EPI_ISL_1165246, EPI_ISL_1165249, EPI_ISL_1165252, EPI_ISL_1165253, EPI_ISL_1165257, EPI_ISL_1165260, EPI_ISL_1165261, EPI_ISL_1165264, EPI_ISL_1165265, EPI_ISL_1165266, EPI_ISL_1165267, EPI_ISL_1165269, EPI_ISL_1165271, EPI_ISL_1165272, EPI_ISL_1165274, EPI_ISL_1165275, EPI_ISL_1165276, EPI_ISL_1165277, EPI_ISL_1165278, EPI_ISL_1165280, EPI_ISL_1165291, EPI_ISL_1165294, EPI_ISL_1165296, EPI_ISL_1165297, EPI_ISL_1165299, EPI_ISL_1165301, EPI_ISL_1165302, EPI_ISL_1165306, EPI_ISL_1165323, EPI_ISL_1165326, EPI_ISL_1165328, EPI_ISL_1165330, EPI_ISL_1165331, EPI_ISL_1165335, EPI_ISL_1165339, EPI_ISL_1165340, EPI_ISL_1165341, EPI_ISL_1165342, EPI_ISL_1165343, EPI_ISL_1165346, EPI_ISL_1165347, EPI_ISL_1165348, EPI_ISL_1165349, EPI_ISL_1165351, EPI_ISL_1165354, EPI_ISL_1165355, EPI_ISL_1165364, EPI_ISL_1165366, EPI_ISL_1165390, EPI_ISL_1165394, EPI_ISL_1165412, EPI_ISL_1165420, EPI_ISL_1165425, EPI_ISL_1165426, EPI_ISL_1165427, EPI_ISL_1165429, EPI_ISL_1165431, EPI_ISL_1165440, EPI_ISL_1165443, EPI_ISL_1165444, EPI_ISL_1165447, EPI_ISL_1165450, EPI_ISL_1165453, EPI_ISL_1165454, EPI_ISL_1165457, EPI_ISL_1165460, EPI_ISL_1165471, EPI_ISL_1165478, EPI_ISL_1165484, EPI_ISL_1165485, EPI_ISL_1165486, EPI_ISL_1165487, EPI_ISL_1165493, EPI_ISL_1165495, EPI_ISL_1165500, EPI_ISL_1165506, EPI_ISL_1165507, EPI_ISL_1165537, EPI_ISL_1165539, EPI_ISL_1165541, EPI_ISL_1165542, EPI_ISL_1165544, EPI_ISL_1165545, EPI_ISL_1165547, EPI_ISL_1165548, EPI_ISL_1165551			
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_1165820, EPI_ISL_1165821, EPI_ISL_1165829	I.F.A.C. Hopital Princesse Paola	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1166147, EPI_ISL_1166148	Laboratorio Analisi Osp. Città di Castello - Azienda USL Umbria1	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Malagigi V, Tacconi P, 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_1166152, EPI_ISL_1166153, EPI_ISL_1166154, EPI_ISL_1166155, EPI_ISL_1166159, EPI_ISL_1166162, EPI_ISL_1166169	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Mencacci A, Camilloni B, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1166172, EPI_ISL_1166173, EPI_ISL_1166174, EPI_ISL_1166175, EPI_ISL_1166176, EPI_ISL_1166178, EPI_ISL_1166179, EPI_ISL_1166180, EPI_ISL_1166181, EPI_ISL_1166182, EPI_ISL_1166183, EPI_ISL_1166184			
see above	Istituto Zooprofilattico Sperimentale Umbria e Marche "Togo Rosati"	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Biagetti M, Giammarioli M, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1166671, EPI_ISL_1166673, EPI_ISL_1166763	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_1167281	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1168070, EPI_ISL_1168118, EPI_ISL_1168119, EPI_ISL_1168129, EPI_ISL_1168146	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1168202	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_1168212, EPI_ISL_1168216	Armies	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Desroches Marine
EPI_ISL_1168220	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, Capron Nicolas
EPI_ISL_1169619, EPI_ISL_1169646, EPI_ISL_1169647, EPI_ISL_1169648, EPI_ISL_1169649, EPI_ISL_1169650, EPI_ISL_1169651, EPI_ISL_1169660	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1169860	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169905, EPI_ISL_1169906, EPI_ISL_1169911	UOC Microbiologia e Virologia, Azienda Ospedaliera Universitaria Senese, Siena, Italy	Dipartimento di Biotecnologie Mediche	Maria Grazia Cusi, David Pinzauti, Claudia Gandolfo, Gabriele Anichini, Gianni Pozzi, Gianni Gori Savellini, Francesco Santoro
EPI_ISL_1171466	Algemeen Medisch Laboratorium (AML)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens

EPI_ISL_1171675, EPI_ISL_1171676, EPI_ISL_1171681, EPI_ISL_1171684, EPI_ISL_1171689	UOC LAB ANALISI PO CARDARELLI CAMPOBASSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, Felice V, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1171784, EPI_ISL_1171786, EPI_ISL_1171852	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_1171945	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1171977	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1173907, EPI_ISL_1173910, EPI_ISL_1173914, EPI_ISL_1173916, EPI_ISL_1173922, EPI_ISL_1173925	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Michele Cennamo Valentina Bouche Chiara Colantuono Lucio Di Filippo Mariano Fiorenza Anna Manfredi Marcello Salvi Giuseppe Portella Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1174881	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_1174882	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174883, EPI_ISL_1174884, EPI_ISL_1174886, EPI_ISL_1174887, EPI_ISL_1174891	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_1174893, EPI_ISL_1174896, EPI_ISL_1174904	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174906	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_1174908	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174916, EPI_ISL_1174920, EPI_ISL_1174923, EPI_ISL_1174928, EPI_ISL_1174929, EPI_ISL_1174931, EPI_ISL_1174933	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_1174936	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174939, EPI_ISL_1174941, EPI_ISL_1174943, EPI_ISL_1174946, EPI_ISL_1174950	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_1174960	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174964, EPI_ISL_1174974, EPI_ISL_1174979, EPI_ISL_1174982	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_1174983	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174987, EPI_ISL_1174991	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_1174993	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174994	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_1174995, EPI_ISL_1174997	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1174998, EPI_ISL_1174999, EPI_ISL_1175004, EPI_ISL_1175005	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_1175006, EPI_ISL_1175007, EPI_ISL_1175009	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175010, EPI_ISL_1175014, EPI_ISL_1175016, EPI_ISL_1175029, EPI_ISL_1175031, EPI_ISL_1175034, EPI_ISL_1175035, EPI_ISL_1175036, EPI_ISL_1175046	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_1175048, EPI_ISL_1175055	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175071, EPI_ISL_1175072, EPI_ISL_1175075	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_1175076	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175083	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_1175092	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175095, EPI_ISL_1175100, EPI_ISL_1175102, EPI_ISL_1175108, EPI_ISL_1175115	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_1175123, EPI_ISL_1175124	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175127	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_1175129	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175132	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_1175438	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1175474, EPI_ISL_1175479, EPI_ISL_1175525, EPI_ISL_1175534, EPI_ISL_1175596, EPI_ISL_1175597, EPI_ISL_1175618, EPI_ISL_1175628, EPI_ISL_1175635, EPI_ISL_1175683, EPI_ISL_1175741			
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_1175964	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1177250, EPI_ISL_1177254, EPI_ISL_1177255, EPI_ISL_1177256, EPI_ISL_1177257, EPI_ISL_1177259, EPI_ISL_1177260, EPI_ISL_1177264, EPI_ISL_1177265, EPI_ISL_1177266, EPI_ISL_1177268, EPI_ISL_1177269, EPI_ISL_1177271, EPI_ISL_1177272, EPI_ISL_1177274, EPI_ISL_1177275, EPI_ISL_1177276, EPI_ISL_1177278, EPI_ISL_1177279, EPI_ISL_1177280, EPI_ISL_1177282, EPI_ISL_1177283, EPI_ISL_1177284, EPI_ISL_1177285, EPI_ISL_1177286, EPI_ISL_1177288, EPI_ISL_1177290, EPI_ISL_1177291, EPI_ISL_1177292, EPI_ISL_1177293, EPI_ISL_1177295, EPI_ISL_1177296, EPI_ISL_1177297, EPI_ISL_1177298, EPI_ISL_1177301, EPI_ISL_1177302, EPI_ISL_1177305, EPI_ISL_1177308, EPI_ISL_1177309, EPI_ISL_1177314, EPI_ISL_1177317, EPI_ISL_1177320, EPI_ISL_1177321, EPI_ISL_1177325, EPI_ISL_1177326, EPI_ISL_1177327, EPI_ISL_1177330, EPI_ISL_1177331, EPI_ISL_1177334, EPI_ISL_1177335, EPI_ISL_1177336, EPI_ISL_1177341, EPI_ISL_1177343, EPI_ISL_1177346, EPI_ISL_1177347, EPI_ISL_1177351, EPI_ISL_1177353, EPI_ISL_1177355, EPI_ISL_1177357, EPI_ISL_1177358, EPI_ISL_1177360, EPI_ISL_1177361, EPI_ISL_1177362, EPI_ISL_1177363, EPI_ISL_1177365, EPI_ISL_1177366, EPI_ISL_1177369, EPI_ISL_1177370, EPI_ISL_1177371, EPI_ISL_1177374, EPI_ISL_1177375, EPI_ISL_1177378, EPI_ISL_1177379, EPI_ISL_1177380, EPI_ISL_1177383, EPI_ISL_1177385, EPI_ISL_1177386, EPI_ISL_1177389, EPI_ISL_1177390, EPI_ISL_1177393, EPI_ISL_1177396, EPI_ISL_1177399, EPI_ISL_1177404, EPI_ISL_1177405, EPI_ISL_1177406, EPI_ISL_1177412, EPI_ISL_1177413, EPI_ISL_1177415, EPI_ISL_1177416, EPI_ISL_1177418, EPI_ISL_1177422, EPI_ISL_1177423, EPI_ISL_1177424, EPI_ISL_1177425, EPI_ISL_1177426, EPI_ISL_1177430, EPI_ISL_1177431, EPI_ISL_1177432, EPI_ISL_1177433, EPI_ISL_1177440, EPI_ISL_1177442, EPI_ISL_1177443, EPI_ISL_1177448, EPI_ISL_1177449			
see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1177529, EPI_ISL_1177530, EPI_ISL_1177534, EPI_ISL_1177535, EPI_ISL_1177537, EPI_ISL_1177552, EPI_ISL_1177555, EPI_ISL_1177557, EPI_ISL_1177632	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_1177636, EPI_ISL_1177637, EPI_ISL_1177638, EPI_ISL_1177639, EPI_ISL_1177642	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_1177689	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 Molett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1177734	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, Colqhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1177764, EPI_ISL_1177765, EPI_ISL_1177773, EPI_ISL_1177774	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_1177789, EPI_ISL_1177804, EPI_ISL_1177805	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1177909, EPI_ISL_1177915, EPI_ISL_1177938, EPI_ISL_1177941, EPI_ISL_1177946, EPI_ISL_1177947, EPI_ISL_1177950, EPI_ISL_1177951, EPI_ISL_1177952, EPI_ISL_1177953, EPI_ISL_1177954, EPI_ISL_1177955			
see above	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscoc, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1177998, EPI_ISL_1178000, EPI_ISL_1178001, EPI_ISL_1178002, EPI_ISL_1178003	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_1178124, EPI_ISL_1178125, EPI_ISL_1178126, EPI_ISL_1178127, EPI_ISL_1178128, EPI_ISL_1178129, EPI_ISL_1178130	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_1178628, EPI_ISL_1178629, EPI_ISL_1178631, EPI_ISL_1178632, EPI_ISL_1178633, EPI_ISL_1178634, EPI_ISL_1178635, EPI_ISL_1178636, EPI_ISL_1178637, EPI_ISL_1178638, EPI_ISL_1178639, EPI_ISL_1178640, EPI_ISL_1178681, EPI_ISL_1178682, EPI_ISL_1178683, EPI_ISL_1178685, EPI_ISL_1178686, EPI_ISL_1178689			
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_1178912, EPI_ISL_1178913, EPI_ISL_1178926, EPI_ISL_1178934, EPI_ISL_1178935, EPI_ISL_1178937, EPI_ISL_1178939, EPI_ISL_1178940, EPI_ISL_1178943, EPI_ISL_1178945, EPI_ISL_1179380			
see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiari, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor

EPI_ISL_1179741, EPI_ISL_1179743, EPI_ISL_1179746, EPI_ISL_1179748, EPI_ISL_1179750, EPI_ISL_1179751, EPI_ISL_1179753, EPI_ISL_1179756, EPI_ISL_1179760, EPI_ISL_1179765, EPI_ISL_1179767, EPI_ISL_1179769, EPI_ISL_1179774, EPI_ISL_1179787			
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_1180102	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1180211, EPI_ISL_1180217	Althaea. 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, Eulàlia Grau, Bonaventura Clotet
EPI_ISL_1180411, EPI_ISL_1180418	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1180849, EPI_ISL_1180850, EPI_ISL_1180851	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1180919, EPI_ISL_1180923, EPI_ISL_1180924	Institute for Water Quality and Resource Management, Technical University Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1181010, EPI_ISL_1181025, EPI_ISL_1181028, EPI_ISL_1181031	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1181344	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; AOR San Carlo, Potenza, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Antonio Picerno, Lopizzo Teresa, Anna Curci, Angela Menchise, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1181935, EPI_ISL_1181936, EPI_ISL_1181937, EPI_ISL_1181938, EPI_ISL_1181939, EPI_ISL_1181941, EPI_ISL_1181943	Azienda Ospedaliero - Universitaria di Modena Policlinico - Virologia e Microbiologia Molecolare	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Monica Pecorari, William Gennari, Giulia Fregni Serpini, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1181961	CHU GRENOBLE	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_1184082	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1185777, EPI_ISL_1185780, EPI_ISL_1185782, EPI_ISL_1185784, EPI_ISL_1185785, EPI_ISL_1185787, EPI_ISL_1185790, EPI_ISL_1185791, EPI_ISL_1185792, EPI_ISL_1185793, EPI_ISL_1185794, EPI_ISL_1185795, EPI_ISL_1185796, EPI_ISL_1185797, EPI_ISL_1185798, EPI_ISL_1185799, EPI_ISL_1185800, EPI_ISL_1185802, EPI_ISL_1185803, EPI_ISL_1185804, EPI_ISL_1185805, EPI_ISL_1185806, EPI_ISL_1185808, EPI_ISL_1185811, EPI_ISL_1185812, EPI_ISL_1185815, EPI_ISL_1185817, EPI_ISL_1185818, EPI_ISL_1185819, EPI_ISL_1185820, EPI_ISL_1185821, EPI_ISL_1185822, EPI_ISL_1185823, EPI_ISL_1185825, EPI_ISL_1185826, EPI_ISL_1185827, EPI_ISL_1185829, EPI_ISL_1185833, EPI_ISL_1185834, EPI_ISL_1185835, EPI_ISL_1185836, EPI_ISL_1185837			
see above	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante
EPI_ISL_1186038	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1186073, EPI_ISL_1186126, EPI_ISL_1186127	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 Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1186130	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1186152, EPI_ISL_1186154	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1186856, EPI_ISL_1186868, EPI_ISL_1186897, EPI_ISL_1186902, EPI_ISL_1186912, EPI_ISL_1186913, EPI_ISL_1186914, EPI_ISL_1186917, EPI_ISL_1186921, EPI_ISL_1186936, EPI_ISL_1186942, EPI_ISL_1186951, EPI_ISL_1186952, EPI_ISL_1186953, EPI_ISL_1186956, EPI_ISL_1186962, EPI_ISL_1186967, EPI_ISL_1186986, EPI_ISL_1186990, EPI_ISL_1186993, EPI_ISL_1187027, EPI_ISL_1187037, EPI_ISL_1187045, EPI_ISL_1187046, EPI_ISL_1187047, EPI_ISL_1187049			
see above	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1187056, EPI_ISL_1187057, EPI_ISL_1187059, EPI_ISL_1187063, EPI_ISL_1187074, EPI_ISL_1187075, EPI_ISL_1187076, EPI_ISL_1187077, EPI_ISL_1187079, EPI_ISL_1187080, EPI_ISL_1187081, EPI_ISL_1187082, EPI_ISL_1187086, EPI_ISL_1187087, EPI_ISL_1187088, EPI_ISL_1187093, EPI_ISL_1187095, EPI_ISL_1187096, EPI_ISL_1187097, EPI_ISL_1187098, EPI_ISL_1187099, EPI_ISL_1187100, EPI_ISL_1187101, EPI_ISL_1187110, EPI_ISL_1187116, EPI_ISL_1187117, EPI_ISL_1187118, EPI_ISL_1187119, EPI_ISL_1187120, EPI_ISL_1187123, EPI_ISL_1187124, EPI_ISL_1187131, EPI_ISL_1187133, EPI_ISL_1187137, EPI_ISL_1187139, EPI_ISL_1187141, EPI_ISL_1187143, EPI_ISL_1187145, EPI_ISL_1187147, EPI_ISL_1187149, EPI_ISL_1187150, EPI_ISL_1187162, EPI_ISL_1187166, EPI_ISL_1187172, EPI_ISL_1187174, EPI_ISL_1187183, EPI_ISL_1187184, EPI_ISL_1187186, EPI_ISL_1187191, EPI_ISL_1187197, EPI_ISL_1187203, EPI_ISL_1187207, EPI_ISL_1187213, EPI_ISL_1187215, EPI_ISL_1187217, EPI_ISL_1187220, EPI_ISL_1187228, EPI_ISL_1187230, EPI_ISL_1187231, EPI_ISL_1187233, EPI_ISL_1187234, EPI_ISL_1187238, EPI_ISL_1187242, EPI_ISL_1187244, EPI_ISL_1187247, EPI_ISL_1187252, EPI_ISL_1187254			
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1188863	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_1189639	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1190552	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_1191063	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Céline Maschietto; Otto Gaetan ; Denis Olivier ; Degossier Jonathan ; Mulier François
EPI_ISL_1191133	Center for Virology	Center for Virology	Jeremy V. Camp, Irene Goerzer, Monika Redlberger-Fritz, Stephan W. Aberle
EPI_ISL_1191164, EPI_ISL_1191165, EPI_ISL_1191166, EPI_ISL_1191167, EPI_ISL_1191168, EPI_ISL_1191244, EPI_ISL_1191245, EPI_ISL_1191246, EPI_ISL_1191266, EPI_ISL_1191267, EPI_ISL_1191268, EPI_ISL_1191269, EPI_ISL_1191270, EPI_ISL_1191271, EPI_ISL_1191272, EPI_ISL_1191273, EPI_ISL_1191276, EPI_ISL_1191277, EPI_ISL_1191278, EPI_ISL_1191279, EPI_ISL_1191280, EPI_ISL_1191281, EPI_ISL_1191282, EPI_ISL_1191283, EPI_ISL_1191284, EPI_ISL_1191285, EPI_ISL_1191286, EPI_ISL_1191287, EPI_ISL_1191288, EPI_ISL_1191289, EPI_ISL_1191290, EPI_ISL_1191291, EPI_ISL_1191292, EPI_ISL_1191293, EPI_ISL_1191294, EPI_ISL_1191295, EPI_ISL_1191296, EPI_ISL_1191297, EPI_ISL_1191298, EPI_ISL_1191299, EPI_ISL_1191300, EPI_ISL_1191301, EPI_ISL_1191302, EPI_ISL_1191303, EPI_ISL_1191304, EPI_ISL_1191305, EPI_ISL_1191306, EPI_ISL_1191307, EPI_ISL_1191308, EPI_ISL_1191309, EPI_ISL_1191310, EPI_ISL_1191311, EPI_ISL_1191312, EPI_ISL_1191313, EPI_ISL_1191314, EPI_ISL_1191315, EPI_ISL_1191343, EPI_ISL_1191355, EPI_ISL_1191356, EPI_ISL_1191358, EPI_ISL_1191359, EPI_ISL_1191360, EPI_ISL_1191361, EPI_ISL_1191362, EPI_ISL_1191363, EPI_ISL_1191365, EPI_ISL_1191366, EPI_ISL_1191367, EPI_ISL_1191368, EPI_ISL_1191369, EPI_ISL_1191370, EPI_ISL_1191371, EPI_ISL_1191372, EPI_ISL_1191373, EPI_ISL_1191374, EPI_ISL_1191375, EPI_ISL_1191376, EPI_ISL_1191377, EPI_ISL_1191378, EPI_ISL_1191379, EPI_ISL_1191380, EPI_ISL_1191381, EPI_ISL_1191382, EPI_ISL_1191383, EPI_ISL_1191384, EPI_ISL_1191437, EPI_ISL_1191438, EPI_ISL_1191439, EPI_ISL_1191440, EPI_ISL_1191441, EPI_ISL_1191442, EPI_ISL_1191443, EPI_ISL_1191444, EPI_ISL_1191445, EPI_ISL_1191446, EPI_ISL_1191447, EPI_ISL_1191449, EPI_ISL_1191450, EPI_ISL_1191452, EPI_ISL_1191453, EPI_ISL_1191454, EPI_ISL_1191455, EPI_ISL_1191456, EPI_ISL_1191457, EPI_ISL_1191458, EPI_ISL_1191459, EPI_ISL_1191461			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1191557, EPI_ISL_1191558, EPI_ISL_1191569, EPI_ISL_1191570	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1191702	BIOMNIS LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1191704	DYOMEDEA-NEOLAB	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_1192205	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 Vollan, Karoline Bragstad, Olav Hungnes

EPI_ISL_1192368	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1192369	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1193447, EPI_ISL_1193448	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1194610	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Céline Maschietto; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1195211, EPI_ISL_1195233, EPI_ISL_1195236, EPI_ISL_1195237, EPI_ISL_1195238, EPI_ISL_1195239, EPI_ISL_1195263, EPI_ISL_1195268	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1195392, EPI_ISL_1195393	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinal Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1196549, EPI_ISL_1196551, EPI_ISL_1196553, EPI_ISL_1196554, EPI_ISL_1196555, EPI_ISL_1196556, EPI_ISL_1196557, EPI_ISL_1196558, EPI_ISL_1196559, EPI_ISL_1196560, EPI_ISL_1196562, EPI_ISL_1196563, EPI_ISL_1196564, EPI_ISL_1196566, EPI_ISL_1196828, EPI_ISL_1196831, EPI_ISL_1196834, EPI_ISL_1196835, EPI_ISL_1196842, EPI_ISL_1196843, EPI_ISL_1196846, EPI_ISL_1196847, EPI_ISL_1196849, EPI_ISL_1196854, EPI_ISL_1196855, EPI_ISL_1196859, EPI_ISL_1196861			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1196904, EPI_ISL_1196916	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1198644	Laboratory of Virology and Molecular Diagnostics	Laboratory of Virology and Molecular Diagnostics, Institute of Public Health of Republic of North Macedonia	Kuzmanovska Maja, Boshevska Golubinka, Janchevska Elizabeta
EPI_ISL_1198813	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, Minoru Nagi, Ken Miyazawa, Takashi Sakudoh, Nozomu Hanaoka, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1198851	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1200547	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1200550	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1200904, EPI_ISL_1200907, EPI_ISL_1200915	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201003, EPI_ISL_1201004, EPI_ISL_1201006, EPI_ISL_1201007, EPI_ISL_1201008, EPI_ISL_1201009, EPI_ISL_1201010, EPI_ISL_1201012	Teaching Institute of Public Health of Split-Dalmatia County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201023, EPI_ISL_1201024	University Hospital Centre Split	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201030, EPI_ISL_1201035	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201139	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1201546	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_1201653, EPI_ISL_1201654, EPI_ISL_1201655	WSSE Biaystok	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_1201758, EPI_ISL_1201759	OM WSSE Wroclaw	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1206040, EPI_ISL_1206050, EPI_ISL_1206068, EPI_ISL_1206077, EPI_ISL_1206087, EPI_ISL_1206110, EPI_ISL_1206112, EPI_ISL_1206130, EPI_ISL_1206137, EPI_ISL_1206164, EPI_ISL_1206170, EPI_ISL_1206190, EPI_ISL_1206224, EPI_ISL_1206232, EPI_ISL_1206257, EPI_ISL_1206269, EPI_ISL_1206271, EPI_ISL_1206302, EPI_ISL_1206361, EPI_ISL_1206382, EPI_ISL_1206441, EPI_ISL_1206444, EPI_ISL_1206477, EPI_ISL_1206485, EPI_ISL_1206501			
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1206800	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_1208485, EPI_ISL_1208488, EPI_ISL_1208490, EPI_ISL_1208491, EPI_ISL_1208496, EPI_ISL_1208497, EPI_ISL_1208498, EPI_ISL_1208504, EPI_ISL_1208505, EPI_ISL_1208513, EPI_ISL_1208516, EPI_ISL_1208520, EPI_ISL_1208522, EPI_ISL_1208525, EPI_ISL_1208526, EPI_ISL_1208528, EPI_ISL_1208537, EPI_ISL_1208539, EPI_ISL_1208540, EPI_ISL_1208541, EPI_ISL_1208544, EPI_ISL_1208550, EPI_ISL_1208553, EPI_ISL_1208555, EPI_ISL_1208559, EPI_ISL_1208560, EPI_ISL_1208572, EPI_ISL_1208573, EPI_ISL_1208574, EPI_ISL_1208769, EPI_ISL_1208773, EPI_ISL_1208779, EPI_ISL_1208780, EPI_ISL_1208783, EPI_ISL_1208785, EPI_ISL_1208796, EPI_ISL_1208802, EPI_ISL_1208805, EPI_ISL_1208806, EPI_ISL_1208813, EPI_ISL_1208816, EPI_ISL_1208820, EPI_ISL_1208823, EPI_ISL_1208825, EPI_ISL_1208826, EPI_ISL_1208831, EPI_ISL_1208833, EPI_ISL_1208834, EPI_ISL_1208835, EPI_ISL_1208837, EPI_ISL_1208847, EPI_ISL_1208850			
see above	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IRSI/Caixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Marró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1209340, EPI_ISL_1209343, EPI_ISL_1209347, EPI_ISL_1209349	Institute for Water Quality and Resource Management, Technical University Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1210679, EPI_ISL_1210697, EPI_ISL_1210715, EPI_ISL_1210730, EPI_ISL_1210759	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1210779	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1210783, EPI_ISL_1210786	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1210787	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1210792	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1210796	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1210798	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1210800	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1210818, EPI_ISL_1210822, EPI_ISL_1210829, EPI_ISL_1210830, EPI_ISL_1210835	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210838	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown

EPI_ISL_1210841, EPI_ISL_1210842	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1210846	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210849	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1210853	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1210857	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1210859, EPI_ISL_1210861, EPI_ISL_1210864	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210866	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1210873, EPI_ISL_1210874, EPI_ISL_1210880, EPI_ISL_1210881	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210884	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1210888, EPI_ISL_1210889	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210890	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1210896, EPI_ISL_1210900, EPI_ISL_1210902	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210903	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1210905	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210906	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1210907, EPI_ISL_1210909, EPI_ISL_1210915, EPI_ISL_1210917, EPI_ISL_1210918, EPI_ISL_1210920, EPI_ISL_1210929, EPI_ISL_1210930, EPI_ISL_1210936, EPI_ISL_1210942, EPI_ISL_1210944, EPI_ISL_1210945, EPI_ISL_1210947			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210949	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1210950	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210951	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1210953	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1210954, EPI_ISL_1210957	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210961	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1210966, EPI_ISL_1210968, EPI_ISL_1210970, EPI_ISL_1210977, EPI_ISL_1210978	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210982	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1210988, EPI_ISL_1210989	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210990	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1210994	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1210996	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210999	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1211004, EPI_ISL_1211005	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211006	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1211009	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1211011, EPI_ISL_1211015	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211016	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1211019	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1211023	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1211025	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211027	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1211030, EPI_ISL_1211036	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1211037	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1211038	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211039, EPI_ISL_1211040	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1211047	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1211049	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1211054	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1211059	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1211060	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1211063	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1211064	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211066	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1211067	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211070, EPI_ISL_1211073, EPI_ISL_1211079, EPI_ISL_1211094, EPI_ISL_1211110, EPI_ISL_1211128, EPI_ISL_1211146, EPI_ISL_1211158, EPI_ISL_1211163, EPI_ISL_1211170, EPI_ISL_1211171, EPI_ISL_1211176, EPI_ISL_1211180, EPI_ISL_1211184, EPI_ISL_1211186, EPI_ISL_1211190, EPI_ISL_1211200, EPI_ISL_1211201, EPI_ISL_1211207			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211209	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown

EPI_ISL_1211224	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211229	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1211234, EPI_ISL_1211237, EPI_ISL_1211248, EPI_ISL_1211251, EPI_ISL_1211273, EPI_ISL_1211277, EPI_ISL_1211278, EPI_ISL_1211282	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211298	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1211305, EPI_ISL_1211311	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211333	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1211337, EPI_ISL_1211339	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211346	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1211355, EPI_ISL_1211358, EPI_ISL_1211373, EPI_ISL_1211377, EPI_ISL_1211381, EPI_ISL_1211388, EPI_ISL_1211390, EPI_ISL_1211400, EPI_ISL_1211410, EPI_ISL_1211411, EPI_ISL_1211413			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211879, EPI_ISL_1211881	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1211882	Universitätsklinikum Schleswig-Holstein (standortübergreifend inkl. Kiel) - Institut für Klinische Chemie und Laboratoriumsdiagnostik	Robert Koch Institute	unknown
EPI_ISL_1211884, EPI_ISL_1211887	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1212011	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1212020, EPI_ISL_1212027	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1212321	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1212516	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1212649	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212736	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1212749, EPI_ISL_1212817, EPI_ISL_1212820	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212873	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1212949	amedes MVZ für Laboratoriumsmedizin München	Robert Koch Institute	unknown
EPI_ISL_1213017	amedes MVZ für Laboratoriumsmedizin Fürstenfeldbruck	Robert Koch Institute	unknown
EPI_ISL_1213301, EPI_ISL_1213321, EPI_ISL_1213383, EPI_ISL_1213421, EPI_ISL_1213480, EPI_ISL_1213497, EPI_ISL_1213500, EPI_ISL_1213502, EPI_ISL_1213512	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1213564, EPI_ISL_1213572, EPI_ISL_1213605	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1213622	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1213635	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1213717, EPI_ISL_1213726	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1214297, EPI_ISL_1214322, EPI_ISL_1214340, EPI_ISL_1214431, EPI_ISL_1214471	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Domínguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Brezmes-Valdivieso, Gregoria Megías Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1214471	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1214548, EPI_ISL_1214636, EPI_ISL_1214667, EPI_ISL_1214668, EPI_ISL_1214835, EPI_ISL_1214878, EPI_ISL_1215013, EPI_ISL_1215039	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Domínguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Brezmes-Valdivieso, Gregoria Megías Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1215573, EPI_ISL_1215582	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215603	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1215608	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1215622, EPI_ISL_1215636	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215728	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1215742, EPI_ISL_1215744	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215747, EPI_ISL_1215749	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1215760, EPI_ISL_1215763	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215797	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1215802	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215807	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1215808	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1216198	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1216229	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1216286, EPI_ISL_1216318, EPI_ISL_1216356	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1216400	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1216790, EPI_ISL_1216869, EPI_ISL_1216918, EPI_ISL_1216928, EPI_ISL_1216960, EPI_ISL_1216993, EPI_ISL_1217001	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1217057, EPI_ISL_1217080	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1217208	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1217812	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1218052	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218773, EPI_ISL_1218775, EPI_ISL_1218777, EPI_ISL_1218780, EPI_ISL_1218783, EPI_ISL_1218786, EPI_ISL_1218787, EPI_ISL_1218788, EPI_ISL_1218852, EPI_ISL_1218855, EPI_ISL_1218865, EPI_ISL_1218870, EPI_ISL_1218871, EPI_ISL_1218872			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219010	Platform BIS UZA/UAntwerpen (PLBIS)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuessen, Herman Goossens
EPI_ISL_1219512, EPI_ISL_1219514, EPI_ISL_1219538, EPI_ISL_1219545	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219574	LIC	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219618, EPI_ISL_1219619, EPI_ISL_1219620, EPI_ISL_1219622, EPI_ISL_1219623	BIOR	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Irena Meistere, Daina Pule, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219782, EPI_ISL_1219784, EPI_ISL_1219785, EPI_ISL_1219788	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_1219805	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1220311	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220324	CH CAHORS	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_1220331	CH MONTAUBAN	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_1220880, EPI_ISL_1220882, EPI_ISL_1220883, EPI_ISL_1220887	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerškyte, Daniel Naumovas, Ingrida Olendraitė, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1223159, EPI_ISL_1223163, EPI_ISL_1223178, EPI_ISL_1223183, EPI_ISL_1223194, EPI_ISL_1223214, EPI_ISL_1223215, EPI_ISL_1223222, EPI_ISL_1223225, EPI_ISL_1223267, EPI_ISL_1223277, EPI_ISL_1223281, EPI_ISL_1223286, EPI_ISL_1223290, EPI_ISL_1223295, EPI_ISL_1223298, EPI_ISL_1223299, EPI_ISL_1223301, EPI_ISL_1223302, EPI_ISL_1223318, EPI_ISL_1223327, EPI_ISL_1223343, EPI_ISL_1223380, EPI_ISL_1223394, EPI_ISL_1223407, EPI_ISL_1223417, EPI_ISL_1223428	see above	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1224768	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224819, EPI_ISL_1224820, EPI_ISL_1224821, EPI_ISL_1224824, EPI_ISL_1224825	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224911	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Mihaela Lazar
EPI_ISL_1225162, EPI_ISL_1225165, EPI_ISL_1225170, EPI_ISL_1225171, EPI_ISL_1225172, EPI_ISL_1225173, EPI_ISL_1225174, EPI_ISL_1225175, EPI_ISL_1225176, EPI_ISL_1225177, EPI_ISL_1225178, EPI_ISL_1225179, EPI_ISL_1225180, EPI_ISL_1225181, EPI_ISL_1225182, EPI_ISL_1225199, EPI_ISL_1225200, EPI_ISL_1225201, EPI_ISL_1225202, EPI_ISL_1225203			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225223	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225595	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1225613	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jianhui Wang, Chen Liu, Pei Hui, Nathan Grubaugh
EPI_ISL_1225618, EPI_ISL_1225629, EPI_ISL_1225630, EPI_ISL_1225647, EPI_ISL_1225655	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1225669, EPI_ISL_1225700, EPI_ISL_1225703, EPI_ISL_1225704, EPI_ISL_1225705, EPI_ISL_1225709, EPI_ISL_1225710	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1225719	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1226552	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226584, EPI_ISL_1226627	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226655	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1231940, EPI_ISL_1231941, EPI_ISL_1231942	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1231958	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Maria Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1232245, EPI_ISL_1232246, EPI_ISL_1232257, EPI_ISL_1232269, EPI_ISL_1232281, EPI_ISL_1232292, EPI_ISL_1232302, EPI_ISL_1232303, EPI_ISL_1232314, EPI_ISL_1232318, EPI_ISL_1232325, EPI_ISL_1232326, EPI_ISL_1232346, EPI_ISL_1232357, EPI_ISL_1232366, EPI_ISL_1232367, EPI_ISL_1232387, EPI_ISL_1232397, EPI_ISL_1232404, EPI_ISL_1232425, EPI_ISL_1232430, EPI_ISL_1232437, EPI_ISL_1232440, EPI_ISL_1232441, EPI_ISL_1232444, EPI_ISL_1232447, EPI_ISL_1232448, EPI_ISL_1232455, EPI_ISL_1232463, EPI_ISL_1232464, EPI_ISL_1232475, EPI_ISL_1232478, EPI_ISL_1232489, EPI_ISL_1232496, EPI_ISL_1232499, EPI_ISL_1232506, EPI_ISL_1232527, EPI_ISL_1232529, EPI_ISL_1232552, EPI_ISL_1232564, EPI_ISL_1232576, EPI_ISL_1232589, EPI_ISL_1232594, EPI_ISL_1232598, EPI_ISL_1232605, EPI_ISL_1232610, EPI_ISL_1232617, EPI_ISL_1232622, EPI_ISL_1232772, EPI_ISL_1232774, EPI_ISL_1232783, EPI_ISL_1232785, EPI_ISL_1232794, EPI_ISL_1232803, EPI_ISL_1232805, EPI_ISL_1232824, EPI_ISL_1232828, EPI_ISL_1232833, EPI_ISL_1232838, EPI_ISL_1232850, EPI_ISL_1232893, EPI_ISL_1232902, EPI_ISL_1232924, EPI_ISL_1232935	see above	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_1233362	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1233787, EPI_ISL_1233805, EPI_ISL_1233817	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_1234120	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1234434, EPI_ISL_1234442	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Bořšová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1234488	Nebraska Public Health Laboratory	UNMC COVID-19 Response Team	UNMC COVID-19 Response Team
EPI_ISL_1234791	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_1235670	INNO Diagnostics Reference Laboratory	RCMI-Center for Research Resources, Ponce Research Institute	Vanessa Rivera-Amill, Andrea Arias-García, Raphael Sánchez-Torres
EPI_ISL_1237206, EPI_ISL_1237209, EPI_ISL_1237213, EPI_ISL_1237218, EPI_ISL_1237221, EPI_ISL_1237235, EPI_ISL_1237257, EPI_ISL_1237266, EPI_ISL_1237282, EPI_ISL_1237311, EPI_ISL_1237357, EPI_ISL_1237389, EPI_ISL_1237400, EPI_ISL_1237401			
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_1239372, EPI_ISL_1239375	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Bořšová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239378	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Bořšová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239380	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Bořšová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239382	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Bořšová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239384	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Bořšová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239385	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Bořšová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239389	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Bořšová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239394	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Bořšová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239396	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Bořšová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239401, EPI_ISL_1239405	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Bořšová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239406	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Bořšová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239534, EPI_ISL_1239535, EPI_ISL_1239538, EPI_ISL_1239543	WSSE w Krakowie	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_1239547	Diagnostyka	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_1239556	Laboratorium Badawczo-Rozwojowe Vitagenum	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_1239558	WSSE w Krakowie	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_1239567, EPI_ISL_1239568, EPI_ISL_1239569	WSSE Katowice	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_1239570, EPI_ISL_1239571	WSSE w Krakowie	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_1239582	WSSE Olsztyn	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239583	LABORATORIUM BADA KLINICZNYCH WSSE w OPOLU	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_1239586	WSSE w Warszawie	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_1239591	Bruss	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239593, EPI_ISL_1239595, EPI_ISL_1239596	Diagnostyka	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_1239598	UCK	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239600, EPI_ISL_1239601, EPI_ISL_1239602, EPI_ISL_1239603, EPI_ISL_1239604, EPI_ISL_1239605	Laboratorium Badawczo-Rozwojowe Vitagenum	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_1239614, EPI_ISL_1239615	WSSE Rzeszów LDM	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_1239621, EPI_ISL_1239622, EPI_ISL_1239623	Katedra Medycyny Sdowej PUM w Szczecinie	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_1239624	LABORATORIUM BADA KLINICZNYCH WSSE w OPOLU	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_1239626	WSSE Katowice	1. National Institute of Public Health - National Institute of	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC

EPI_ISL_1239627, EPI_ISL_1239628, EPI_ISL_1239629	WSSE w Krakowie	Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH 1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	COVID-19 WGS support team Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239643, EPI_ISL_1239644, EPI_ISL_1239645, EPI_ISL_1239646, EPI_ISL_1239647, EPI_ISL_1239648, EPI_ISL_1239649, EPI_ISL_1239650, EPI_ISL_1239651, EPI_ISL_1239652, EPI_ISL_1239653, EPI_ISL_1239654, EPI_ISL_1239655	see above	WSSE Olsztyn	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239656, EPI_ISL_1239657	LABORATORIUM BADA KLINICZNYCH WSSE w OPOLU	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_1239661, EPI_ISL_1239662, EPI_ISL_1239663	WSSE w Warszawie	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_1239673	Bruss	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239674	Cell-T	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_1239675	Diagnostyka	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_1239677	UCK	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239679	WSSE w Bydgoszczy-laboratorium	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_1239680	Laboratorium Badawczo-Rozwojowe Vitagenum	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_1239687, EPI_ISL_1239688	WSSE Rzeszów LDM	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_1239689	Diagnostyka	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_1240302, EPI_ISL_1240303, EPI_ISL_1240313, EPI_ISL_1240314, EPI_ISL_1240315	National Laboratory for Health, Environment and Food, OMM, Maribor	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1240789	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D., Song,X.
EPI_ISL_1240812, EPI_ISL_1240826	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1241687	University of Liège COVID-19 testing center	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_1242019	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_1242068, EPI_ISL_1242076, EPI_ISL_1242078, EPI_ISL_1242080, EPI_ISL_1242081, EPI_ISL_1242099, EPI_ISL_1242105, EPI_ISL_1242112, EPI_ISL_1242126, EPI_ISL_1242130, EPI_ISL_1242135, EPI_ISL_1242138, EPI_ISL_1242143, EPI_ISL_1242151, EPI_ISL_1242160, EPI_ISL_1242167, EPI_ISL_1242175, EPI_ISL_1242208, EPI_ISL_1242243, EPI_ISL_1242245, EPI_ISL_1242259, EPI_ISL_1242261	see above	Lighthouse Lab in Cambridge	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1242481, EPI_ISL_1243520, EPI_ISL_1243567, EPI_ISL_1243570	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_1247035, EPI_ISL_1247037, EPI_ISL_1247041, EPI_ISL_1247042	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 Lovesson, Sharon Glaysher, Scott Elliott, Samuel Robson
EPI_ISL_1247461, EPI_ISL_1247462, EPI_ISL_1247464, EPI_ISL_1247465, EPI_ISL_1247466, EPI_ISL_1247467, EPI_ISL_1247468, EPI_ISL_1247469, EPI_ISL_1247470, EPI_ISL_1247471, EPI_ISL_1247472, EPI_ISL_1247473, EPI_ISL_1247474, EPI_ISL_1247476, EPI_ISL_1247477, EPI_ISL_1247478, EPI_ISL_1247479, EPI_ISL_1247481, EPI_ISL_1247482, EPI_ISL_1247483, EPI_ISL_1247485, EPI_ISL_1247529	see above	University of Exeter	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
EPI_ISL_1247605	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_1247668, EPI_ISL_1247669, EPI_ISL_1247670, EPI_ISL_1247671, EPI_ISL_1247672, EPI_ISL_1247673, EPI_ISL_1247674, EPI_ISL_1247675, EPI_ISL_1247676, EPI_ISL_1247677, EPI_ISL_1247678, EPI_ISL_1247679, EPI_ISL_1247680, EPI_ISL_1247681, EPI_ISL_1247682, EPI_ISL_1247683, EPI_ISL_1247684	see above	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	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_1247696, EPI_ISL_1247697, EPI_ISL_1247710	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_1247872, EPI_ISL_1247875, EPI_ISL_1247883, EPI_ISL_1247887, EPI_ISL_1247894, EPI_ISL_1247895, EPI_ISL_1247896, EPI_ISL_1247897, EPI_ISL_1247915, EPI_ISL_1247917, EPI_ISL_1247918	see above	Liverpool Clinical Laboratories	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1248457, EPI_ISL_1248470, EPI_ISL_1248473, EPI_ISL_1248480, EPI_ISL_1248493	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Dr Judith Heaney, Matthew Byott, Dr Catherine Houlihan, Dr Daniel Frampton, Stuart Kirk, Dr Moira Spyer, Dr Paul Grant and Dr Eleni Nastouli
EPI_ISL_1248500, EPI_ISL_1248501, EPI_ISL_1248503, EPI_ISL_1248504, EPI_ISL_1248505, EPI_ISL_1248533, EPI_ISL_1248534, EPI_ISL_1248535	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_1248869, EPI_ISL_1248870,	Northumbria University / South Tees Hospitals NHS	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

EPI_ISL_1248871	Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust		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_1249165, EPI_ISL_1249168, EPI_ISL_1249170, EPI_ISL_1249174, EPI_ISL_1249175, EPI_ISL_1249177, EPI_ISL_1249178, EPI_ISL_1249179, EPI_ISL_1249180, EPI_ISL_1249181, EPI_ISL_1249183, EPI_ISL_1249187, EPI_ISL_1249197			
see above	Oxford Viroemics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1249284, EPI_ISL_1249285, EPI_ISL_1249286	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1250237, EPI_ISL_1250242, EPI_ISL_1250244, EPI_ISL_1250245, EPI_ISL_1250246, EPI_ISL_1250248, EPI_ISL_1250249, EPI_ISL_1250250, EPI_ISL_1250253	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_1250259, EPI_ISL_1250261	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1250360, EPI_ISL_1250438, EPI_ISL_1250459, EPI_ISL_1250470, EPI_ISL_1250508, EPI_ISL_1250539, EPI_ISL_1250541, EPI_ISL_1250555, EPI_ISL_1250558, EPI_ISL_1250582, EPI_ISL_1250583, EPI_ISL_1250585			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_1250653, EPI_ISL_1250654, EPI_ISL_1250655, EPI_ISL_1250656, EPI_ISL_1250659, EPI_ISL_1250660, EPI_ISL_1250662, EPI_ISL_1250663	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_1250988	Siesp dipartimento di prevenzione	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_1250999	SIESP CHIETI - LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251010, EPI_ISL_1251031, EPI_ISL_1251041	Siesp dipartimento di prevenzione	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_1251052	SIESP SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251277	"Stefan S. Nicolau" Institute of Virology	"Stefan S. Nicolau" Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu
EPI_ISL_1252529, EPI_ISL_1252530	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_1253843	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253948, EPI_ISL_1253949, EPI_ISL_1253952, EPI_ISL_1253953, EPI_ISL_1253955, EPI_ISL_1253966	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1254656	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_1254658, EPI_ISL_1254659	Presidio di Brindisi Di Summa - Perrino	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Difato L., Ridolfi D., Giannico A.
EPI_ISL_1254668	Ospedale di Venere	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Iacobellis M., Ridolfi D., Giannico A.
EPI_ISL_1256371, EPI_ISL_1256375, EPI_ISL_1256397, EPI_ISL_1256399, EPI_ISL_1256461, EPI_ISL_1256950, EPI_ISL_1256967, EPI_ISL_1257010, EPI_ISL_1257025, EPI_ISL_1257027, EPI_ISL_1257054			
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257067, EPI_ISL_1257068, EPI_ISL_1257076	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257078	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257079, EPI_ISL_1257085, EPI_ISL_1257089, EPI_ISL_1257092, EPI_ISL_1257098, EPI_ISL_1257104, EPI_ISL_1257107, EPI_ISL_1257108, EPI_ISL_1257109, EPI_ISL_1257110	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257113	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257114, EPI_ISL_1257115, EPI_ISL_1257117, EPI_ISL_1257121, EPI_ISL_1257125, EPI_ISL_1257129, EPI_ISL_1257131, EPI_ISL_1257132, EPI_ISL_1257134, EPI_ISL_1257138, EPI_ISL_1257144, EPI_ISL_1257146, EPI_ISL_1257148			
see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257154	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute

COVID-19 Surveillance Team			
EPI_ISL_1257156, EPI_ISL_1257161, EPI_ISL_1257162	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257163	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257164, EPI_ISL_1257165, EPI_ISL_1257168, EPI_ISL_1257169, EPI_ISL_1257172, EPI_ISL_1257174, EPI_ISL_1257178, EPI_ISL_1257182, EPI_ISL_1257183	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257184	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257189, EPI_ISL_1257194, EPI_ISL_1257196, EPI_ISL_1257198, EPI_ISL_1257199, EPI_ISL_1257202, EPI_ISL_1257204, EPI_ISL_1257206	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257213	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257219, EPI_ISL_1257222, EPI_ISL_1257223	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257225, EPI_ISL_1257240	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257246, EPI_ISL_1257247, EPI_ISL_1257248	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257251	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257252, EPI_ISL_1257253, EPI_ISL_1257254	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257255	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257259	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257262	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257263	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257264	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257265, EPI_ISL_1257266	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257268	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257269, EPI_ISL_1257273, EPI_ISL_1257274	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1257278	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1259179	Laboratory of Communicable Diseases	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.
EPI_ISL_1260704	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1260852	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Ferrante Rossella, Mandatori Domitilla, De Fabritiis Simone, Damiani Verena, Anaclerio Federico
EPI_ISL_1261166, EPI_ISL_1261170, EPI_ISL_1261265, EPI_ISL_1261266, EPI_ISL_1261268, EPI_ISL_1261269, EPI_ISL_1261270, EPI_ISL_1261271, EPI_ISL_1261364, EPI_ISL_1261365, EPI_ISL_1261366, EPI_ISL_1261367, EPI_ISL_1261368, EPI_ISL_1261369, EPI_ISL_1261370	see above	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1261473, EPI_ISL_1261474, EPI_ISL_1261475	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	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.Blazquez, A
EPI_ISL_1261476, EPI_ISL_1261477	HOSPITAL COMARCAL DE MELILLA	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.Roman. S.
EPI_ISL_1261478, EPI_ISL_1261494	HOSPITAL GENERAL VIRGEN DE LA LUZ	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.Rodríguez, M.J
EPI_ISL_1261502, EPI_ISL_1261503, EPI_ISL_1261507	CONSEJERIA DE SANIDAD Y ASUNTOS SOCIALES	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.Gutiérrez, G
EPI_ISL_1261586, EPI_ISL_1261598	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin

EPI_ISL_1262079, EPI_ISL_1262081	CONSEJERIA DE SANIDAD Y ASUNTOS SOCIALES	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. Gutiérrez, G.
EPI_ISL_1262118, EPI_ISL_1262120	HOSPITAL COMARCAL DE MELILLA	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.Roman, S.
EPI_ISL_1264955, EPI_ISL_1264956, EPI_ISL_1264957, EPI_ISL_1264958, EPI_ISL_1264959, EPI_ISL_1264961, EPI_ISL_1264963, EPI_ISL_1264964, EPI_ISL_1264965, EPI_ISL_1264967, EPI_ISL_1264968, EPI_ISL_1264969, EPI_ISL_1264970, EPI_ISL_1264971, EPI_ISL_1264972, EPI_ISL_1264975, EPI_ISL_1264976, EPI_ISL_1264977, EPI_ISL_1264978, EPI_ISL_1264979, EPI_ISL_1264980, EPI_ISL_1264981, EPI_ISL_1264982, EPI_ISL_1264983, EPI_ISL_1264984, EPI_ISL_1264985, EPI_ISL_1264986, EPI_ISL_1264987, EPI_ISL_1264988, EPI_ISL_1264989, EPI_ISL_1264990, EPI_ISL_1264991, EPI_ISL_1264992, EPI_ISL_1264993, EPI_ISL_1264994, EPI_ISL_1264995, EPI_ISL_1264996, EPI_ISL_1264997, EPI_ISL_1264998, EPI_ISL_1264999, EPI_ISL_1265000, EPI_ISL_1265001, EPI_ISL_1265002, EPI_ISL_1265003, EPI_ISL_1265004, EPI_ISL_1265005, EPI_ISL_1265006, EPI_ISL_1265007, EPI_ISL_1265008, EPI_ISL_1265009, EPI_ISL_1265010, EPI_ISL_1265011, EPI_ISL_1265012, EPI_ISL_1265013, EPI_ISL_1265014, EPI_ISL_1265015, EPI_ISL_1265020, EPI_ISL_1265026, EPI_ISL_1265028, EPI_ISL_1265029, EPI_ISL_1265035, EPI_ISL_1265040, EPI_ISL_1265042, EPI_ISL_1265049, EPI_ISL_1265050, EPI_ISL_1265052, EPI_ISL_1265058, EPI_ISL_1265059, EPI_ISL_1265062, EPI_ISL_1265063, EPI_ISL_1265064, EPI_ISL_1265067, EPI_ISL_1265070, EPI_ISL_1265071, EPI_ISL_1265072, EPI_ISL_1265074, EPI_ISL_1265078, EPI_ISL_1265081, EPI_ISL_1265085, EPI_ISL_1265087, EPI_ISL_1265088, EPI_ISL_1265091, EPI_ISL_1265092, EPI_ISL_1265096, EPI_ISL_1265102, EPI_ISL_1265107, EPI_ISL_1265109, EPI_ISL_1265111, EPI_ISL_1265114, EPI_ISL_1265117, EPI_ISL_1265122, EPI_ISL_1265125, EPI_ISL_1265132, EPI_ISL_1265134, EPI_ISL_1265135, EPI_ISL_1265137, EPI_ISL_1265141			
see above	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1265316	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 Vlaij, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1265644, EPI_ISL_1265645, EPI_ISL_1265647	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Poignard, Raphaël Germi, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani
EPI_ISL_1265756, EPI_ISL_1265765, EPI_ISL_1265772, EPI_ISL_1265776, EPI_ISL_1265778, EPI_ISL_1265798, EPI_ISL_1265811, EPI_ISL_1265812, EPI_ISL_1265813, EPI_ISL_1265814, EPI_ISL_1265815			
see above	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1265817	CHI TOULON LA SEYNE	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_1265828	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1267234	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1268698, EPI_ISL_1268700, EPI_ISL_1268702	Hannover Medical School, Institute of Virology	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_1272035	Public Health Institute of Zagreb County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1272051	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1272435, EPI_ISL_1272441, EPI_ISL_1272442, EPI_ISL_1272443, EPI_ISL_1272444, EPI_ISL_1272448, EPI_ISL_1272449, EPI_ISL_1272450, EPI_ISL_1272457, EPI_ISL_1272468, EPI_ISL_1272469, EPI_ISL_1272475, EPI_ISL_1272476, EPI_ISL_1272477, EPI_ISL_1272478, EPI_ISL_1272479, EPI_ISL_1272484			
see above	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Dario García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_1273110, EPI_ISL_1273113, EPI_ISL_1273114, EPI_ISL_1273118, EPI_ISL_1273129, EPI_ISL_1273133, EPI_ISL_1273134, EPI_ISL_1273135, EPI_ISL_1273139, EPI_ISL_1273140, EPI_ISL_1273152, EPI_ISL_1273154			
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EPI_ISL_1273819	WSSE Biastok	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_1273828	WSSE w Krakowie	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_1273833	WSSE w odzi - laboratorium	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_1274574, EPI_ISL_1274621	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1275708, EPI_ISL_1276913, EPI_ISL_1276926, EPI_ISL_1277004	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1277349, EPI_ISL_1277350, EPI_ISL_1277351, EPI_ISL_1277360, EPI_ISL_1277364, EPI_ISL_1277367, EPI_ISL_1277378, EPI_ISL_1277387, EPI_ISL_1277388, EPI_ISL_1277394, EPI_ISL_1277403, EPI_ISL_1277412, EPI_ISL_1277415, EPI_ISL_1277426			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1278049	Private lab	Lithuanian University of Health Sciences	Arnoldas Pautienius, Kamile Tamusauskaite, Gediminas Alzbutas, Dovydas Gecys, Lukas Zemaitis, Vaiva Lesauskaite
EPI_ISL_1278315, EPI_ISL_1278344	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Brezmes-Valdivieso, Gregoria Megías Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1278411, EPI_ISL_1278525, EPI_ISL_1278539, EPI_ISL_1278702, EPI_ISL_1278703, EPI_ISL_1278704, EPI_ISL_1278705, EPI_ISL_1278709, EPI_ISL_1278710, EPI_ISL_1278712, EPI_ISL_1278713, EPI_ISL_1278715, EPI_ISL_1278716, EPI_ISL_1278724, EPI_ISL_1278725, EPI_ISL_1278726			
see above	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1279636, EPI_ISL_1279637	Medizinisches Labor Prof. Dr. Schenk/ Dr. Ansoerge & Kollegen, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279638	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279735, EPI_ISL_1279736, EPI_ISL_1279737, EPI_ISL_1279800	Medizinisches Labor Prof. Dr. Schenk/ Dr. Ansoerge & Kollegen, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279941	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheussen, Herman Goossens
EPI_ISL_1280625	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1280739	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1280742	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1280749, EPI_ISL_1280750, EPI_ISL_1280753, EPI_ISL_1280755	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1280758	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1280759	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1280761, EPI_ISL_1280765	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1280766	SYNLAB MVZ Trier	Robert Koch Institute	unknown

EPI_ISL_1280768	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1281204	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1281219	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1282311	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1283159	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1287321, EPI_ISL_1287327, EPI_ISL_1287329, EPI_ISL_1287335, EPI_ISL_1287336, EPI_ISL_1287343	Labor Becker & Kollegen (Standort München)	Robert Koch Institute	unknown
EPI_ISL_1287354	Public Health Institute of Varaždin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1287372, EPI_ISL_1287373, EPI_ISL_1287374, EPI_ISL_1287375, EPI_ISL_1287377, EPI_ISL_1287378	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1287739	SELAS BIOLAB AVENIR - CLINIQUE PASTEUR	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_1287756, EPI_ISL_1287758	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1287767	Unidad de Investigación Biomédica de Zacatecas (UIBZ)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramírez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1287801, EPI_ISL_1287879, EPI_ISL_1287888, EPI_ISL_1287890, EPI_ISL_1288552, EPI_ISL_1288630, EPI_ISL_1288639, EPI_ISL_1288641, EPI_ISL_1288943	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_1289476, EPI_ISL_1289596	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_1289854, EPI_ISL_1289863, EPI_ISL_1289865	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	José Gonçalves, Tom Koritnik, Martin Bosilj, Katarina Proscenc, Metka Paragi
EPI_ISL_1289977, EPI_ISL_1289985, EPI_ISL_1289994, EPI_ISL_1290011, EPI_ISL_1290016, EPI_ISL_1290023, EPI_ISL_1290032, EPI_ISL_1290041, EPI_ISL_1290054, EPI_ISL_1290075, EPI_ISL_1290099, EPI_ISL_1290106, EPI_ISL_1290119, EPI_ISL_1290146, EPI_ISL_1290255, EPI_ISL_1290256, EPI_ISL_1290257, EPI_ISL_1290258, EPI_ISL_1290259, EPI_ISL_1290260, EPI_ISL_1290261, EPI_ISL_1290262, EPI_ISL_1290263, EPI_ISL_1290264, EPI_ISL_1290265, EPI_ISL_1290266, EPI_ISL_1290267, EPI_ISL_1290268, EPI_ISL_1290269, EPI_ISL_1290354, EPI_ISL_1290355, EPI_ISL_1290516			
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EPI_ISL_1291238, EPI_ISL_1291240, EPI_ISL_1291242, EPI_ISL_1291244, EPI_ISL_1291288, EPI_ISL_1291289, EPI_ISL_1291290, EPI_ISL_1291291, EPI_ISL_1291293	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1291456, EPI_ISL_1291458, EPI_ISL_1291460, EPI_ISL_1291461, EPI_ISL_1291464, EPI_ISL_1291465, EPI_ISL_1291466, EPI_ISL_1291467, EPI_ISL_1291468, EPI_ISL_1291469, EPI_ISL_1291470, EPI_ISL_1291472, EPI_ISL_1291473, EPI_ISL_1291474, EPI_ISL_1291476, EPI_ISL_1291477, EPI_ISL_1291478, EPI_ISL_1291479, EPI_ISL_1291481, EPI_ISL_1291483, EPI_ISL_1291484, EPI_ISL_1291486, EPI_ISL_1291487, EPI_ISL_1291489, EPI_ISL_1291491, EPI_ISL_1291492, EPI_ISL_1291493, EPI_ISL_1291494, EPI_ISL_1291497, EPI_ISL_1291498, EPI_ISL_1291499, EPI_ISL_1291500, EPI_ISL_1291502, EPI_ISL_1291505, EPI_ISL_1291506, EPI_ISL_1291508, EPI_ISL_1291509, EPI_ISL_1291510, EPI_ISL_1291511, EPI_ISL_1291513, EPI_ISL_1291514, EPI_ISL_1291515, EPI_ISL_1291516, EPI_ISL_1291520, EPI_ISL_1291522, EPI_ISL_1291523, EPI_ISL_1291524, EPI_ISL_1291526, EPI_ISL_1291527, EPI_ISL_1291528, EPI_ISL_1291529			
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EPI_ISL_1293082, EPI_ISL_1293083, EPI_ISL_1293084, EPI_ISL_1293085, EPI_ISL_1293086, EPI_ISL_1293087, EPI_ISL_1293088, EPI_ISL_1293143	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1295201, EPI_ISL_1295252, EPI_ISL_1295371, EPI_ISL_1295466	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295731, EPI_ISL_1295733, EPI_ISL_1295736, EPI_ISL_1295741, EPI_ISL_1295764, EPI_ISL_1295782	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_1296267	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, ScaccettiA, 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_1296269, EPI_ISL_1296270	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, ScaccettiA, 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_1296630, EPI_ISL_1296633	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1298226, EPI_ISL_1298231, EPI_ISL_1298234, EPI_ISL_1298241, EPI_ISL_1298242	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani 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_1298254, EPI_ISL_1298255, EPI_ISL_1298256, EPI_ISL_1298261, EPI_ISL_1298294, EPI_ISL_1298295, EPI_ISL_1298331, EPI_ISL_1298332, EPI_ISL_1298333	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299277, EPI_ISL_1299282	Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr

EPI_ISL_1299330, EPI_ISL_1299331	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1299986, EPI_ISL_1299989	OKMI FN Brno	CEITEC MU	Zdraviova Dubska L., Dolejska M., Pardy F., Machackova T., Bystry V., Deissova T.
EPI_ISL_1300394	Texas Department of State Health Services - TXDSHS	Texas Department of State Health Services - TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1301806	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Leruez-Ville Marianne
EPI_ISL_1301861, EPI_ISL_1301862	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Chauvet
EPI_ISL_1302005, EPI_ISL_1302007, EPI_ISL_1302008, EPI_ISL_1302009, EPI_ISL_1302010, EPI_ISL_1302011, EPI_ISL_1302012, EPI_ISL_1302014, EPI_ISL_1302019, EPI_ISL_1302021, EPI_ISL_1302022, EPI_ISL_1302064, EPI_ISL_1302065, EPI_ISL_1302066, EPI_ISL_1302067, EPI_ISL_1302068, EPI_ISL_1302069, EPI_ISL_1302070, EPI_ISL_1302071, EPI_ISL_1302072, EPI_ISL_1302074, EPI_ISL_1302076			
see above	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1302446	Medicina practica laboratorija	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1302686, EPI_ISL_1302696	Gravity Diagnostics	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1302869, EPI_ISL_1302870, EPI_ISL_1302871	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthouzoz, Nikolai Ivanov, Manuel Peitsch
EPI_ISL_1303398	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1303635, EPI_ISL_1305763	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_1306014	University Hospital Centre Zagreb	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1308507	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_1308615, EPI_ISL_1308616, EPI_ISL_1308625, EPI_ISL_1308633, EPI_ISL_1308634, EPI_ISL_1308638	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_1308713, EPI_ISL_1308714, EPI_ISL_1308720, EPI_ISL_1308724, EPI_ISL_1308726, EPI_ISL_1308743, EPI_ISL_1308744, EPI_ISL_1308745, EPI_ISL_1308746, EPI_ISL_1308747, EPI_ISL_1308748, EPI_ISL_1308867			
see above	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1308904, EPI_ISL_1308913	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1309108	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1309419	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals 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_1309478, EPI_ISL_1309480, EPI_ISL_1309481, EPI_ISL_1309482, EPI_ISL_1309498, EPI_ISL_1309499, EPI_ISL_1309500, EPI_ISL_1309501	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	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
EPI_ISL_1310784	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	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_1311852, EPI_ISL_1311854, EPI_ISL_1311855, EPI_ISL_1311858	Microvida	Microvida	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1311932	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Suzan D. Pas, Jaco Verweij, Joep Stöhr
EPI_ISL_1312083, EPI_ISL_1312085, EPI_ISL_1312088, EPI_ISL_1312099, EPI_ISL_1312101, EPI_ISL_1312103, EPI_ISL_1312104, EPI_ISL_1312105, EPI_ISL_1312106, EPI_ISL_1312107, EPI_ISL_1312125, EPI_ISL_1312158, EPI_ISL_1312299, EPI_ISL_1312300			Maripaz Ventero Martin, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Martí-Carerras, Piet Maes
EPI_ISL_1313200, EPI_ISL_1313373	Karolinska University Hospital	Karolinska University Hospital	Jan Albert, Tobias Allander, Annelie Bjerkner, Sandra Broddesson, Robert Dyrdak, Martin Ekman, Lynda Eneh, Lina Guerra Blomqvist, Karolina Ininbergs, Tanja Normark, Isak Sylvén, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1313715	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1314297	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1315427, EPI_ISL_1315478	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain, JSC "Farmak"	Alla Mironenko, Andriy Goy, Ihor Kravchuk, Ludmyla Bolotova, Larysa Radchenko, Nataliia Teteriuk
EPI_ISL_1315634, EPI_ISL_1315636, EPI_ISL_1315638	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	
EPI_ISL_1317233, EPI_ISL_1317261	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1317262	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volland, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317263	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 Volland, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317264, EPI_ISL_1317265, EPI_ISL_1317266, EPI_ISL_1317380,	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volland, Karoline Bragstad, Olav Hungnes

EPI_ISL_1317381, EPI_ISL_1317382, EPI_ISL_1317383				
EPI_ISL_1317384	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317385, EPI_ISL_1317386, EPI_ISL_1317387, EPI_ISL_1317388	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_1317389	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317390, EPI_ISL_1317391		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_1317392	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317393	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317394	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_1317395, EPI_ISL_1317396, EPI_ISL_1317397	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317398, EPI_ISL_1317399, EPI_ISL_1317400	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_1317401, EPI_ISL_1317402, EPI_ISL_1317403, EPI_ISL_1317404, EPI_ISL_1317405, EPI_ISL_1317406, EPI_ISL_1317407	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317408, EPI_ISL_1317409, EPI_ISL_1317410	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317411		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_1317412	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317413	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317587	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_1317588	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317589	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317604	Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1318235, EPI_ISL_1318264	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suixiang Tong	
EPI_ISL_1319279, EPI_ISL_1319302, EPI_ISL_1319314, EPI_ISL_1319319, EPI_ISL_1319321, EPI_ISL_1319322, EPI_ISL_1319327, EPI_ISL_1319343, EPI_ISL_1319347, EPI_ISL_1319348, EPI_ISL_1319377, EPI_ISL_1319379, EPI_ISL_1319380, EPI_ISL_1319383, EPI_ISL_1319401, EPI_ISL_1319404, EPI_ISL_1319412, EPI_ISL_1319415, EPI_ISL_1319420, EPI_ISL_1319422, EPI_ISL_1319426, EPI_ISL_1319427, EPI_ISL_1319430, EPI_ISL_1319431, EPI_ISL_1319432, EPI_ISL_1319434, EPI_ISL_1319437				
see above	Synlab Eesti OÜ	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.	
EPI_ISL_1319449	North Estonia Medical Centre laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.	
EPI_ISL_1321380, EPI_ISL_1321420, EPI_ISL_1321421, EPI_ISL_1321424, EPI_ISL_1321425, EPI_ISL_1321426		EPI_ISL_1321427, EPI_ISL_1321428, EPI_ISL_1321429, EPI_ISL_1321430, EPI_ISL_1321431, EPI_ISL_1321433, EPI_ISL_1321436, EPI_ISL_1321440, EPI_ISL_1321441		
see above	National Institute of Public Health	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy	
EPI_ISL_1321711	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan	
EPI_ISL_1321812, EPI_ISL_1321814, EPI_ISL_1321815	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin	
EPI_ISL_1322572, EPI_ISL_1322573, EPI_ISL_1322574, EPI_ISL_1322575	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_1323118	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suixiang Tong	
EPI_ISL_1324081, EPI_ISL_1324090, EPI_ISL_1324091, EPI_ISL_1324103, EPI_ISL_1324104, EPI_ISL_1324105, EPI_ISL_1324106	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_1324524	UAB InMedica	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas, Ingrida Olenraitė, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius	
EPI_ISL_1333346, EPI_ISL_1333403, EPI_ISL_1333408, EPI_ISL_1333413, EPI_ISL_1333418, EPI_ISL_1333424, EPI_ISL_1333431, EPI_ISL_1333465, EPI_ISL_1333470, EPI_ISL_1333497, EPI_ISL_1333922				
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillicoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1334129	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 Sillicoe on behalf of the Wellcome Sanger Institute COVID-19	

			Surveillance Team
EPI_ISL_1334130	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1334380	Laboratorios Lister	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1335918, EPI_ISL_1335927, EPI_ISL_1335930, EPI_ISL_1335938, EPI_ISL_1335945, EPI_ISL_1335958, EPI_ISL_1335963, EPI_ISL_1335979	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani 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_1336973, EPI_ISL_1336975, EPI_ISL_1337009, EPI_ISL_1337011, EPI_ISL_1337012, EPI_ISL_1337015, EPI_ISL_1337016, EPI_ISL_1337018, EPI_ISL_1337019, EPI_ISL_1337020, EPI_ISL_1337021, EPI_ISL_1337022, EPI_ISL_1337023, EPI_ISL_1337024, EPI_ISL_1337025, EPI_ISL_1337026, EPI_ISL_1337028, EPI_ISL_1337031, EPI_ISL_1337032, EPI_ISL_1337033, EPI_ISL_1337034, EPI_ISL_1337035, EPI_ISL_1337036, EPI_ISL_1337037, EPI_ISL_1337068, EPI_ISL_1337071, EPI_ISL_1337073, EPI_ISL_1337075, EPI_ISL_1337076, EPI_ISL_1337077, EPI_ISL_1337096, EPI_ISL_1337101, EPI_ISL_1337102, EPI_ISL_1337103, EPI_ISL_1337106, EPI_ISL_1337111, EPI_ISL_1337112, EPI_ISL_1337113, EPI_ISL_1337118, EPI_ISL_1337120, EPI_ISL_1337121, EPI_ISL_1337124, EPI_ISL_1337125, EPI_ISL_1337126, EPI_ISL_1337129, EPI_ISL_1337131, EPI_ISL_1337133, EPI_ISL_1337134, EPI_ISL_1337135, EPI_ISL_1337138, EPI_ISL_1337142, EPI_ISL_1337147, EPI_ISL_1337148, EPI_ISL_1337149, EPI_ISL_1337207, EPI_ISL_1337210, EPI_ISL_1337211, EPI_ISL_1337212, EPI_ISL_1337249, EPI_ISL_1337256, EPI_ISL_1337257, EPI_ISL_1337258, EPI_ISL_1337262, EPI_ISL_1337264, EPI_ISL_1337408, EPI_ISL_1337417	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Jozef Dingemans*, Brian van der Veer*, Erik Beuken, Carmen Reumkens, Lieke van Alphen, Christian Hoebe, Paul Savelkoul
EPI_ISL_1337765	Dutch COVID-19 response team	Medical Microbiology, Maastricht University Medical Centre	Rebecca Savage
EPI_ISL_1340002	DPHL	Delaware Public Health Lab	
EPI_ISL_1340813	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1340995, EPI_ISL_1340996, EPI_ISL_1341000, EPI_ISL_1341004, EPI_ISL_1341007, EPI_ISL_1341008, EPI_ISL_1341009, EPI_ISL_1341013, EPI_ISL_1341018, EPI_ISL_1341042, EPI_ISL_1341081, EPI_ISL_1341146			
see above	1. Główny Inspektorat Sanitarny; 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Diagnoston Laboratoria Lukasz Rabalski	Rabalski L., Gromowski,T., Mazur-Panasiuk,N., Kowalski,M., Maciej Kosinski, Natalia Derewonko, Szulc,P., Sylwia Januszczak, Labaj,P.P., Pyrc,K.
EPI_ISL_1344525, EPI_ISL_1344572, EPI_ISL_1344612, EPI_ISL_1344625, EPI_ISL_1344645, EPI_ISL_1344669	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1346911, EPI_ISL_1346912, EPI_ISL_1346913, EPI_ISL_1346914, EPI_ISL_1346915, EPI_ISL_1346916, EPI_ISL_1346917, EPI_ISL_1346918, EPI_ISL_1346919, EPI_ISL_1346921, EPI_ISL_1346923, EPI_ISL_1346929, EPI_ISL_1346930, EPI_ISL_1346932, EPI_ISL_1346933, EPI_ISL_1346936, EPI_ISL_1347220			
see above	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1347244, EPI_ISL_1347246, EPI_ISL_1347249, EPI_ISL_1347253, EPI_ISL_1347255, EPI_ISL_1347256, EPI_ISL_1347257, EPI_ISL_1347261, EPI_ISL_1347262, EPI_ISL_1347269, EPI_ISL_1347271	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Patrick Finzer;Katrin Hoffmann;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann;Rainer Zotz
EPI_ISL_1347688, EPI_ISL_1347690	Medical Laboratories Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Angelika Helmer;Torsten Houwaart;Lisanna Hülse;Christian Lange;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1347698, EPI_ISL_1347699	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1349061	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1349531	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1350162	Niedersächsisches Landesgesundheitsamt (NLGA)	Robert Koch Institute	unknown
EPI_ISL_1350211	Landesgesundheitsamt Baden-Württemberg	Robert Koch Institute	unknown
EPI_ISL_1353049, EPI_ISL_1353057, EPI_ISL_1353064, EPI_ISL_1353066, EPI_ISL_1353083, EPI_ISL_1353102, EPI_ISL_1353114	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1353474, EPI_ISL_1353475	Universitätsklinikum Münster Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1353640	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1357628	Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1357631	Baltic Medics	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1360159, EPI_ISL_1360166, EPI_ISL_1360170, EPI_ISL_1360205, EPI_ISL_1360211, EPI_ISL_1360217, EPI_ISL_1360218, EPI_ISL_1360221, EPI_ISL_1360222, EPI_ISL_1360228, EPI_ISL_1360229, EPI_ISL_1360234, EPI_ISL_1360244			
see above	Hospital Universitari Bellvitge	Microbiology Department	Sara Marti, Aida Gonzalez-Diaz, Laura Calatayud, Jordi Niubó, Miguel Fernandez-Huerta, Carmen Ardanuy, Jordi Camara, M Angeles Dominguez
EPI_ISL_1361557	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.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).	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Semprini, Silvia Zanoli, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1363117	Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Samoilov AE, Kapteleva VV, Korneenko EV, Valdokhina AV, Bulanenko VP, Saenko SS, Golubeva AG, Zotova MI, Berlina YY, Solovyeva ED, Shipulina OY, Speranskaya AS, Tivanova EV, Kondrasheva LY, Akimkin VG, Cherkashina AS

Well-being Surveillance			
EPI_ISL_1363767	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1363828, EPI_ISL_1363875, EPI_ISL_1363876, EPI_ISL_1363951, EPI_ISL_1364043, EPI_ISL_1364044, EPI_ISL_1364045, EPI_ISL_1364151, EPI_ISL_1364157, EPI_ISL_1364158, EPI_ISL_1364254, EPI_ISL_1364264, EPI_ISL_1364267, EPI_ISL_1364269, EPI_ISL_1364273, EPI_ISL_1364276, EPI_ISL_1364311, EPI_ISL_1364317, EPI_ISL_1364320, EPI_ISL_1364321, EPI_ISL_1364323, EPI_ISL_1364324, EPI_ISL_1364325, EPI_ISL_1364326, EPI_ISL_1364327, EPI_ISL_1364329, EPI_ISL_1364330, EPI_ISL_1364332, EPI_ISL_1364333, EPI_ISL_1364334, EPI_ISL_1364336, EPI_ISL_1364337, EPI_ISL_1364338, EPI_ISL_1364340, EPI_ISL_1364365, EPI_ISL_1364426, EPI_ISL_1364427			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1366306	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_1367127, EPI_ISL_1367128, EPI_ISL_1367129, EPI_ISL_1367131	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1367682	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory	Chantal Akoua-Koffi, Diané Bamourou, Etilé Anoch, Oby Wayoro, Safiatou Karidioula, Adjaratou Traoré, Soundélé Maité, Monemo Pacome, Coulibaly Mbegan, Bamba Fatoumata Touré, Kra Ouffoué, Grit Schubert, Essia Belarbi, Fabian Leendertz
EPI_ISL_1367746	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_1369180, EPI_ISL_1369194, EPI_ISL_1369197, EPI_ISL_1369198, EPI_ISL_1369210	Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño	SeqCOVID-SPAIN consortium/IBV(CSIC)	María de Toro, José Manuel Azcona Gutiérrez, María Pilar Bea Escudero, Miriam Blasco Alberdi and SeqCOVID-SPAIN consortium
EPI_ISL_1369793, EPI_ISL_1369961, EPI_ISL_1369964, EPI_ISL_1369966, EPI_ISL_1369968, EPI_ISL_1369969, EPI_ISL_1369970, EPI_ISL_1369971, EPI_ISL_1369972, EPI_ISL_1369974, EPI_ISL_1369975, EPI_ISL_1369976, EPI_ISL_1369977, EPI_ISL_1369978, EPI_ISL_1369979, EPI_ISL_1369980, EPI_ISL_1369983, EPI_ISL_1369984, EPI_ISL_1369985, EPI_ISL_1369986, EPI_ISL_1369989, EPI_ISL_1369990, EPI_ISL_1369991, EPI_ISL_1369993, EPI_ISL_1369994, EPI_ISL_1369996, EPI_ISL_1369998			
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_1370037	LA SOURCE	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370041, EPI_ISL_1370043	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370045	EHC MORGES	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370048	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370050	VIDYMED LAUSANNE	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370075	EHN	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370077, EPI_ISL_1370079	GHOL	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370081	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370083	EHC MORGES	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370086	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370102, EPI_ISL_1370104, EPI_ISL_1370107	HIB	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370957, EPI_ISL_1370962, EPI_ISL_1370967, EPI_ISL_1370970, EPI_ISL_1370972, EPI_ISL_1370974, EPI_ISL_1370978, EPI_ISL_1370982, EPI_ISL_1370988, EPI_ISL_1370997, EPI_ISL_1370998, EPI_ISL_1371002, EPI_ISL_1371005, EPI_ISL_1371634, EPI_ISL_1371655			
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_1373726, EPI_ISL_1373729, EPI_ISL_1373741, EPI_ISL_1373770, EPI_ISL_1373814	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1379244, EPI_ISL_1379252, EPI_ISL_1379253	NYP-WCM	New York Genome Center	Michael Zody, Andre Corvelo, Dayna M. Oschwald, Samantha Fennessey, Tom Maniatis, Melissa Cushing, Olivier Elemento, Margaret Elizabeth Ross, Chris Mason, Priya Velu, Hanna Rennert, Arryn Craney, Lars F Westblade
EPI_ISL_1379568	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorice Lima, Suzane Silbert
EPI_ISL_1380970, EPI_ISL_1380971, EPI_ISL_1380972, EPI_ISL_1380974, EPI_ISL_1380976, EPI_ISL_1380978, EPI_ISL_1380980, EPI_ISL_1381016	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_1381147, EPI_ISL_1381148	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Hecquet Denise
EPI_ISL_1382830	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_1383604, EPI_ISL_1383605, EPI_ISL_1383608, EPI_ISL_1383609, EPI_ISL_1383610, EPI_ISL_1383611, EPI_ISL_1383612, EPI_ISL_1383613, EPI_ISL_1383614, EPI_ISL_1383616, EPI_ISL_1383620, EPI_ISL_1383621, EPI_ISL_1383622			
see above	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_1383905, EPI_ISL_1383907, EPI_ISL_1383908, EPI_ISL_1383909, EPI_ISL_1383910, EPI_ISL_1383916, EPI_ISL_1383918	Hospital Center Emile Mayrisch	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Cynthia Oxacelay, Tamir Abdelrahman
EPI_ISL_1384105	Hospital Center Luxembourg	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Michel Kohnen, Jean-Hugues Francois, Tamir Abdelrahman
EPI_ISL_1386413, EPI_ISL_1386417, EPI_ISL_1386419, EPI_ISL_1386424, EPI_ISL_1386440, EPI_ISL_1386455, EPI_ISL_1386456, EPI_ISL_1386458, EPI_ISL_1386472	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_1386590	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_1387376, EPI_ISL_1387378, EPI_ISL_1387379, EPI_ISL_1387381, EPI_ISL_1387383, EPI_ISL_1387388, EPI_ISL_1387393, EPI_ISL_1387402, EPI_ISL_1387419, EPI_ISL_1387428	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 Conner
EPI_ISL_1388168	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Lukas Fenner, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388314, EPI_ISL_1388408, EPI_ISL_1388410, EPI_ISL_1388412, EPI_ISL_1388414	University Hospital Basel, Clinical Virology	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_1388419, EPI_ISL_1388421, EPI_ISL_1388425, EPI_ISL_1388427, EPI_ISL_1388434, EPI_ISL_1388436, EPI_ISL_1388595	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Lukas Fenner, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1393181, EPI_ISL_1393182, EPI_ISL_1393183, EPI_ISL_1393185, EPI_ISL_1393186, EPI_ISL_1393187, EPI_ISL_1393188, EPI_ISL_1393189, EPI_ISL_1393194, EPI_ISL_1393195, EPI_ISL_1393196, EPI_ISL_1393240, EPI_ISL_1393241, EPI_ISL_1393242, EPI_ISL_1393243, EPI_ISL_1393244, EPI_ISL_1393245, EPI_ISL_1393246, EPI_ISL_1393247, EPI_ISL_1393248, EPI_ISL_1393266, EPI_ISL_1393267, EPI_ISL_1393270, EPI_ISL_1393271, EPI_ISL_1393272, EPI_ISL_1393274			
see above	Servicio de Microbiologia Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1393740, EPI_ISL_1393744, EPI_ISL_1393745, EPI_ISL_1393751, EPI_ISL_1393752, EPI_ISL_1393753	Regionalne Centrum Kwiadawstwa i Kwiolecnictwa w Biaymstoku Pracownia Diagnostyki Molekularnej wirusa SARS-CoV-2	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1400458	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1400841	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1401291, EPI_ISL_1401292, EPI_ISL_1401293, EPI_ISL_1401294	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1402478	1. Główny Inspektorat Sanitarny. 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. genXone SA, Research & Development Laboratory	Mazur-Panasiuk, N., Grzegorz Nowicki, Gromowski, T., Natalia Drwesa-Matelska, Jakub Grabowski, Anna Brylak, Aleksandra Gidlewicz, Karol Szeszko, Maciej Sykulski, ukasz Krych, Kowalski, M., Szulc, P., Sylwia Januszczak, Labaj, P., Micha Kaszuba, Pyrc, K.
EPI_ISL_1402551	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	Hubert Niesters, Alexander Friedrich, Erley Lizarazo-Forero, Monika Flissikowska, Lilli Gard, Sigrid Rosema, Coretta Van Leer-Buter, Xuewei Zhou, Marjolein Knoester
EPI_ISL_1404198	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1415898	Laboratorium Intibios Karawang	National Institute of Health Research and Development	Vivi Setiawaty, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ariansyah Nugraha, Hartanti Dian Ikawati, Nelly Puspandari, Krisna Nur Andriana Pangesti
EPI_ISL_1416736	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1417619, EPI_ISL_1417768, EPI_ISL_1417769, EPI_ISL_1417770, EPI_ISL_1417771, EPI_ISL_1417772, EPI_ISL_1417773, EPI_ISL_1417993, EPI_ISL_1417994, EPI_ISL_1417995, EPI_ISL_1418059, EPI_ISL_1418073, EPI_ISL_1418083, EPI_ISL_1418092, EPI_ISL_1418093, EPI_ISL_1418361, EPI_ISL_1418389, EPI_ISL_1418512, EPI_ISL_1418513, EPI_ISL_1418514, EPI_ISL_1418597			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1419545, EPI_ISL_1419770	INSACOG-WB	National Institute of Biomedical Genomics - INSACOG	Arindam Maitra, Bhaswati Bandyopadhyay, Nidhan Kumar Biswas, Tamal Ghosh, Sreedhar Chinnaswamy, Ajay Chakraborti, Saumitra Das
EPI_ISL_1419930, EPI_ISL_1419958, EPI_ISL_1419967, EPI_ISL_1420001, EPI_ISL_1420008, EPI_ISL_1420009, EPI_ISL_1420010, EPI_ISL_1420011, EPI_ISL_1420012, EPI_ISL_1420149, EPI_ISL_1420150, EPI_ISL_1420151, EPI_ISL_1420152, EPI_ISL_1420153, EPI_ISL_1420154, EPI_ISL_1420155, EPI_ISL_1420156, EPI_ISL_1420157, EPI_ISL_1420158, EPI_ISL_1420159, EPI_ISL_1420160, EPI_ISL_1420161, EPI_ISL_1420162, EPI_ISL_1420163, EPI_ISL_1420164, EPI_ISL_1420165, EPI_ISL_1420166, EPI_ISL_1420167, EPI_ISL_1420168, EPI_ISL_1420169, EPI_ISL_1420170, EPI_ISL_1420171, EPI_ISL_1420172, EPI_ISL_1420173, EPI_ISL_1420174, EPI_ISL_1420175, EPI_ISL_1420176, EPI_ISL_1420177, EPI_ISL_1420178, EPI_ISL_1420179, EPI_ISL_1420180, EPI_ISL_1420181, EPI_ISL_1420182, EPI_ISL_1420183, EPI_ISL_1420184, EPI_ISL_1420185, EPI_ISL_1420186, EPI_ISL_1420187, EPI_ISL_1420188, EPI_ISL_1420189, EPI_ISL_1420190, EPI_ISL_1420191, EPI_ISL_1420192, EPI_ISL_1420193, EPI_ISL_1420194, EPI_ISL_1420195, EPI_ISL_1420196, EPI_ISL_1420197, 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EPI_ISL_1425556, EPI_ISL_1425562	Regionalne Centrum Krwiodawstwa i Krwiolecznictwa w Biaymstoku Pracownia Diagnostyki Molekularnej wirusa SARS-CoV-2	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1427569	Gunma Prefectural Institute of Public Health and Environmental Sciences	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_1429589	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, Hidemasa Izumiya, Sunao Iyoda, Masatomo Morita, Nobuo Koizumi, , Makoto Kuroda
EPI_ISL_1433441	Labor Becker & Kollegen (Standort München)	Robert Koch Institute	unknown
EPI_ISL_1441485, EPI_ISL_1441487	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_1443036, EPI_ISL_1443038	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Borges et al
EPI_ISL_1446320	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1447030, EPI_ISL_1447032, EPI_ISL_1447035, EPI_ISL_1447036, EPI_ISL_1447040, EPI_ISL_1447041, EPI_ISL_1447043, EPI_ISL_1447044	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447055, EPI_ISL_1447058	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447059	NH Dept. of Health and Human Services Public Health Labs	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1451171, EPI_ISL_1451172, EPI_ISL_1451204, EPI_ISL_1451205, EPI_ISL_1451209, EPI_ISL_1451219, EPI_ISL_1451223, EPI_ISL_1451242, EPI_ISL_1451245, EPI_ISL_1451256, EPI_ISL_1451265, EPI_ISL_1451273, EPI_ISL_1451278, EPI_ISL_1451282, EPI_ISL_1451292, EPI_ISL_1451307, EPI_ISL_1451318, EPI_ISL_1451319, EPI_ISL_1451328, EPI_ISL_1451336, EPI_ISL_1451338, EPI_ISL_1451341, EPI_ISL_1451381, EPI_ISL_1451396, EPI_ISL_1451422, EPI_ISL_1451427, EPI_ISL_1451432, EPI_ISL_1451462, EPI_ISL_1451464	see above	Randox Laboratories	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1456990, EPI_ISL_1456997, EPI_ISL_1457007, EPI_ISL_1457017, EPI_ISL_1457026, EPI_ISL_1457052, EPI_ISL_1457112, EPI_ISL_1457121	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Ryanne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1464125, EPI_ISL_1464191, EPI_ISL_1464195, EPI_ISL_1464197, EPI_ISL_1464200, EPI_ISL_1464206, EPI_ISL_1464214, EPI_ISL_1464215, EPI_ISL_1464221, EPI_ISL_1464224, EPI_ISL_1464226, EPI_ISL_1464229, EPI_ISL_1464231, EPI_ISL_1464233, EPI_ISL_1464241, EPI_ISL_1464242, EPI_ISL_1464246, EPI_ISL_1464250, EPI_ISL_1464252, EPI_ISL_1464254, EPI_ISL_1464257, EPI_ISL_1464259, EPI_ISL_1464261	see above	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology
			Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff