

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

All Submitters of data may be contacted directly via www.gisaid.org

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1057664	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_1061036	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1069392, EPI_ISL_1069393	PathWest Laboratory Medicine WA	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EPI_ISL_1081943, EPI_ISL_1081945	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_1082256, EPI_ISL_1082262	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Rachel Boyle, SallyAnn Harbison, Olivia Stroeven, Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1083169	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_1085239, EPI_ISL_1085243, EPI_ISL_1085252	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_1085262	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_1085267, EPI_ISL_1085268, EPI_ISL_1085269, EPI_ISL_1085270, EPI_ISL_1085271, EPI_ISL_1085272, EPI_ISL_1085273, EPI_ISL_1085274, EPI_ISL_1085275, EPI_ISL_1085276, EPI_ISL_1085277, EPI_ISL_1085303, EPI_ISL_1085304, EPI_ISL_1085305, EPI_ISL_1085306, EPI_ISL_1085307, EPI_ISL_1085335, EPI_ISL_1085343			
see above	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_1085352	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_1085357	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_1091532, EPI_ISL_1091560, EPI_ISL_1091561, EPI_ISL_1091562, EPI_ISL_1091563, EPI_ISL_1091564, EPI_ISL_1091565, EPI_ISL_1091566, EPI_ISL_1091567, EPI_ISL_1091568	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 Aliard, Annika Osterman
EPI_ISL_1091788	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, A Di Caro, MR Capobianchi
EPI_ISL_1091789	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, MR Capobianchi, A Di Caro
EPI_ISL_1091791	Laboratorio Genzano - ASL RM 6	INMI Lazzaro Spallanzani IRCCS	O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, G Tramini, E Conti, MR Capobianchi, A Di Caro
EPI_ISL_1091792	Laboratorio Genzano - ASL RM 6	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, G Tramini, E Conti, A Di Caro, MR Capobianchi
EPI_ISL_1091793	Laboratorio Genzano - ASL RM 6	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, O Butera, G Tramini, E Conti, MR Capobianchi, A Di Caro
EPI_ISL_1091795	Laboratorio Genzano - ASL RM 6	INMI Lazzaro Spallanzani IRCCS	M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, G Tramini, E Conti, A Di Caro, MR Capobianchi
EPI_ISL_1091953	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_1093306, EPI_ISL_1093307, EPI_ISL_1093308, EPI_ISL_1093309, EPI_ISL_1093310, EPI_ISL_1093311, EPI_ISL_1093312, EPI_ISL_1093313, EPI_ISL_1093314, EPI_ISL_1093315, EPI_ISL_1093316, EPI_ISL_1093317, EPI_ISL_1093318, EPI_ISL_1093319, EPI_ISL_1093320, EPI_ISL_1093321, EPI_ISL_1093322, EPI_ISL_1093323, EPI_ISL_1093324, EPI_ISL_1093325, EPI_ISL_1093326, EPI_ISL_1093327, EPI_ISL_1093328, EPI_ISL_1093329, EPI_ISL_1093330, EPI_ISL_1093331, EPI_ISL_1093332, EPI_ISL_1093333, EPI_ISL_1093334, EPI_ISL_1093335, EPI_ISL_1093336, EPI_ISL_1093337, EPI_ISL_1093338, EPI_ISL_1093339, EPI_ISL_1093340, EPI_ISL_1093341, EPI_ISL_1093342, EPI_ISL_1093343, EPI_ISL_1093344, EPI_ISL_1093345, EPI_ISL_1093346, EPI_ISL_1093347, EPI_ISL_1093348, EPI_ISL_1093349, EPI_ISL_1093350, EPI_ISL_1093364, EPI_ISL_1093365, EPI_ISL_1093366, EPI_ISL_1093367, EPI_ISL_1093368, EPI_ISL_1093369, EPI_ISL_1093370, EPI_ISL_1093371, EPI_ISL_1093372, EPI_ISL_1093373, EPI_ISL_1093374, EPI_ISL_1093375, EPI_ISL_1093376, EPI_ISL_1093377, EPI_ISL_1093378, EPI_ISL_1093379, EPI_ISL_1093380, EPI_ISL_1093381, EPI_ISL_1093382			
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_1096686, EPI_ISL_1096688, EPI_ISL_1096691, EPI_ISL_1096692, EPI_ISL_1096695, EPI_ISL_1096697, EPI_ISL_1096700, EPI_ISL_1096701, EPI_ISL_1096702, EPI_ISL_1096710, EPI_ISL_1096714, EPI_ISL_1096717, EPI_ISL_1096723, EPI_ISL_1096727, EPI_ISL_1096733, EPI_ISL_1096735, EPI_ISL_1096736, EPI_ISL_1096738, EPI_ISL_1096739, EPI_ISL_1096743, EPI_ISL_1096746, EPI_ISL_1096752, EPI_ISL_1096753, EPI_ISL_1096755, EPI_ISL_1096756, EPI_ISL_1096757, EPI_ISL_1096758, EPI_ISL_1096759, EPI_ISL_1096760, EPI_ISL_1096763, EPI_ISL_1096765, EPI_ISL_1096768, EPI_ISL_1096770, EPI_ISL_1096775, EPI_ISL_1096777, EPI_ISL_1096779, EPI_ISL_1096782, EPI_ISL_1096784, EPI_ISL_1096786, EPI_ISL_1096787, EPI_ISL_1096788, EPI_ISL_1096790, EPI_ISL_1096791, EPI_ISL_1096792, EPI_ISL_1096793, EPI_ISL_1096794, EPI_ISL_1096795, EPI_ISL_1096796, EPI_ISL_1096798, EPI_ISL_1096802, EPI_ISL_1096805, EPI_ISL_1096811, EPI_ISL_1096813, EPI_ISL_1096814, EPI_ISL_1096815, EPI_ISL_1096816, EPI_ISL_1096817, EPI_ISL_1096818, EPI_ISL_1096819, EPI_ISL_1096820, EPI_ISL_1096821, EPI_ISL_1096822, EPI_ISL_1096823, EPI_ISL_1096824, EPI_ISL_1096825, EPI_ISL_1096826, EPI_ISL_1096827, EPI_ISL_1096828, EPI_ISL_1096829, EPI_ISL_1096830, EPI_ISL_1096831, EPI_ISL_1096832, EPI_ISL_1096833, EPI_ISL_1096834, EPI_ISL_1096835, EPI_ISL_1096836, EPI_ISL_1096839, EPI_ISL_1096844, EPI_ISL_1096845, EPI_ISL_1096848, EPI_ISL_1096853, EPI_ISL_1096854, EPI_ISL_1096856, EPI_ISL_1096862, EPI_ISL_1096863, EPI_ISL_1096864, EPI_ISL_1096865, EPI_ISL_1096866, EPI_ISL_1096873, EPI_ISL_1096879, EPI_ISL_1096882, EPI_ISL_1096890, EPI_ISL_1096891, EPI_ISL_1096892, EPI_ISL_1096893, EPI_ISL_1096894, EPI_ISL_1096895, EPI_ISL_1096896, EPI_ISL_1096899, EPI_ISL_1096900, EPI_ISL_1096903, EPI_ISL_1096905, EPI_ISL_1096909, EPI_ISL_1096910, EPI_ISL_1096916, EPI_ISL_1096917, EPI_ISL_1096922, EPI_ISL_1096923, EPI_ISL_1096924, EPI_ISL_1096926, EPI_ISL_1096929, EPI_ISL_1096931, EPI_ISL_1096932, EPI_ISL_1096933, EPI_ISL_1096938, EPI_ISL_1096946, EPI_ISL_1096948, EPI_ISL_1096952, EPI_ISL_1096953, EPI_ISL_1096954, EPI_ISL_1096957, EPI_ISL_1096958, EPI_ISL_1096960			
see above	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Antonio Fico"
EPI_ISL_1098249, EPI_ISL_1098264, EPI_ISL_1098280, EPI_ISL_1098286, EPI_ISL_1098328, EPI_ISL_1098342, EPI_ISL_1098345, EPI_ISL_1098350, EPI_ISL_1098351, EPI_ISL_1098359, EPI_ISL_1098375, EPI_ISL_1098417, EPI_ISL_1098418, EPI_ISL_1098422, EPI_ISL_1098444, EPI_ISL_1098475, EPI_ISL_1098477, EPI_ISL_1098479, EPI_ISL_1098531, EPI_ISL_1098533			
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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

			Surveillance Team	
EPI_ISL_1101278	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_1101280	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_1101281, EPI_ISL_1101282, EPI_ISL_1101283, EPI_ISL_1101284, EPI_ISL_1101287, EPI_ISL_1101288	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_1101292	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_1101294, EPI_ISL_1101295, EPI_ISL_1101297, EPI_ISL_1101298	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_1101299	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_1101302, EPI_ISL_1101303, EPI_ISL_1101304, EPI_ISL_1101306, EPI_ISL_1101307	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_1101308, EPI_ISL_1101309	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_1101310, EPI_ISL_1101311, EPI_ISL_1101312, EPI_ISL_1101314	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_1101316	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_1101319, EPI_ISL_1101321	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_1101322, EPI_ISL_1101323, EPI_ISL_1101324, EPI_ISL_1101325, EPI_ISL_1101327, EPI_ISL_1101331, EPI_ISL_1101333, EPI_ISL_1101334, EPI_ISL_1101335, EPI_ISL_1101336, EPI_ISL_1101341, EPI_ISL_1101342, EPI_ISL_1101344, EPI_ISL_1101345, EPI_ISL_1101346, EPI_ISL_1101347, EPI_ISL_1101349, EPI_ISL_1101351, EPI_ISL_1101353, EPI_ISL_1101355, EPI_ISL_1101358, EPI_ISL_1101360, EPI_ISL_1101361, EPI_ISL_1101363, EPI_ISL_1101365, EPI_ISL_1101366, EPI_ISL_1101369, EPI_ISL_1101372, EPI_ISL_1101374, EPI_ISL_1101375, EPI_ISL_1101378, EPI_ISL_1101379, EPI_ISL_1101380, EPI_ISL_1101383, EPI_ISL_1101384, EPI_ISL_1101386, EPI_ISL_1101387, EPI_ISL_1101388, EPI_ISL_1101391, EPI_ISL_1101393, EPI_ISL_1101394, EPI_ISL_1101396, EPI_ISL_1101398, EPI_ISL_1101401, EPI_ISL_1101404, EPI_ISL_1101405, EPI_ISL_1101406, EPI_ISL_1101410, EPI_ISL_1101411, EPI_ISL_1101412, EPI_ISL_1101413, EPI_ISL_1101414, EPI_ISL_1101417, EPI_ISL_1101419, EPI_ISL_1101424, EPI_ISL_1101426, EPI_ISL_1101429, EPI_ISL_1101430, EPI_ISL_1101435, EPI_ISL_1101437, EPI_ISL_1101440, EPI_ISL_1101442, EPI_ISL_1101443, EPI_ISL_1101445, EPI_ISL_1101447, EPI_ISL_1101451, EPI_ISL_1101452, EPI_ISL_1101454, EPI_ISL_1101455, EPI_ISL_1101456, EPI_ISL_1101457, EPI_ISL_1101458, EPI_ISL_1101461, EPI_ISL_1101463, EPI_ISL_1101467, EPI_ISL_1101468, EPI_ISL_1101469, EPI_ISL_1101470, EPI_ISL_1101473, EPI_ISL_1101474, EPI_ISL_1101476, EPI_ISL_1101477, EPI_ISL_1101478, EPI_ISL_1101479, EPI_ISL_1101480, EPI_ISL_1101481, EPI_ISL_1101482, EPI_ISL_1101483, EPI_ISL_1101484, EPI_ISL_1101488, EPI_ISL_1101489, EPI_ISL_1101490, EPI_ISL_1101492, EPI_ISL_1101494, EPI_ISL_1101498, EPI_ISL_1101499, EPI_ISL_1101504, EPI_ISL_1101505, EPI_ISL_1101507, EPI_ISL_1101511, EPI_ISL_1101514, EPI_ISL_1101517, EPI_ISL_1101518, EPI_ISL_1101520, EPI_ISL_1101521, EPI_ISL_1101522, EPI_ISL_1101523, EPI_ISL_1101524, EPI_ISL_1101525, EPI_ISL_1101526, EPI_ISL_1101527, EPI_ISL_1101528, EPI_ISL_1101529, EPI_ISL_1101534, EPI_ISL_1101535, EPI_ISL_1101537, EPI_ISL_1101538, EPI_ISL_1101542, EPI_ISL_1101544, EPI_ISL_1101546, EPI_ISL_1101549, EPI_ISL_1101550, EPI_ISL_1101552, EPI_ISL_1101556, EPI_ISL_1101557, EPI_ISL_1101558, EPI_ISL_1101560, EPI_ISL_1101562, EPI_ISL_1101564, EPI_ISL_1101565, EPI_ISL_1101566, EPI_ISL_1101567, EPI_ISL_1101569, EPI_ISL_1101571, EPI_ISL_1101574, EPI_ISL_1101575, EPI_ISL_1101576, EPI_ISL_1101580, EPI_ISL_1101585, EPI_ISL_1101586, EPI_ISL_1101587, EPI_ISL_1101588, EPI_ISL_1101589, EPI_ISL_1101590, EPI_ISL_1101591, EPI_ISL_1101592, EPI_ISL_1101594, EPI_ISL_1101595, EPI_ISL_1101596, EPI_ISL_1101597, EPI_ISL_1101600, EPI_ISL_1101601, EPI_ISL_1101602, EPI_ISL_1101603, EPI_ISL_1101604, EPI_ISL_1101605, EPI_ISL_1101606, EPI_ISL_1101607, EPI_ISL_1101609, EPI_ISL_1101610, EPI_ISL_1101613, EPI_ISL_1101614, EPI_ISL_1101615, EPI_ISL_1101618, EPI_ISL_1101623, EPI_ISL_1101626, EPI_ISL_1101628, EPI_ISL_1101629, EPI_ISL_1101631, EPI_ISL_1101633, EPI_ISL_1101634, EPI_ISL_1101635, EPI_ISL_1101636, EPI_ISL_1101638, EPI_ISL_1101639, EPI_ISL_1101640, EPI_ISL_1101642, EPI_ISL_1101644, EPI_ISL_1101648, EPI_ISL_1101649, EPI_ISL_1101654, EPI_ISL_1101651, EPI_ISL_1101653, EPI_ISL_1101654, EPI_ISL_1101655, EPI_ISL_1101657, EPI_ISL_1101658, EPI_ISL_1101660, EPI_ISL_1101662	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_1101663, EPI_ISL_1101664, EPI_ISL_1101665, EPI_ISL_1101669, EPI_ISL_1101671, EPI_ISL_1101672, EPI_ISL_1101673, EPI_ISL_1101675, EPI_ISL_1101678, EPI_ISL_1101685, EPI_ISL_1101686, EPI_ISL_1101688, EPI_ISL_1101690, EPI_ISL_1101693, EPI_ISL_1101694, EPI_ISL_1101696, EPI_ISL_1101697, EPI_ISL_1101698, EPI_ISL_1101699, EPI_ISL_1101700, EPI_ISL_1101702, EPI_ISL_1101703, EPI_ISL_1101704, EPI_ISL_1101705, EPI_ISL_1101710, EPI_ISL_1101714, EPI_ISL_1101715, EPI_ISL_1101716, EPI_ISL_1101717, EPI_ISL_1101719, EPI_ISL_1101720, EPI_ISL_1101723, EPI_ISL_1101724, EPI_ISL_1101728, EPI_ISL_1101729, EPI_ISL_1101730, EPI_ISL_1101733, EPI_ISL_1101737, EPI_ISL_1101738, EPI_ISL_1101742, EPI_ISL_1101743, EPI_ISL_1101744, EPI_ISL_1101745, EPI_ISL_1101746, EPI_ISL_1101749, EPI_ISL_1101751, EPI_ISL_1101756, EPI_ISL_1101758, EPI_ISL_1101761, EPI_ISL_1101763, EPI_ISL_1101764, EPI_ISL_1101765, EPI_ISL_1101769, EPI_ISL_1101772, EPI_ISL_1101773, EPI_ISL_1101778, EPI_ISL_1101779, EPI_ISL_1101783, EPI_ISL_1101785, EPI_ISL_1101788, EPI_ISL_1101790, EPI_ISL_1101791, EPI_ISL_1101792, EPI_ISL_1101793, EPI_ISL_1101795, EPI_ISL_1101796, EPI_ISL_1101797, EPI_ISL_1101798, EPI_ISL_1101801, EPI_ISL_1101803, EPI_ISL_1101804, EPI_ISL_1101807, EPI_ISL_1101811, EPI_ISL_1101812, EPI_ISL_1101813, EPI_ISL_1101815, EPI_ISL_1101817, EPI_ISL_1101820, EPI_ISL_1101821, EPI_ISL_1101822, EPI_ISL_1101825, EPI_ISL_1101826, EPI_ISL_1101828, EPI_ISL_1101833, EPI_ISL_1101834, EPI_ISL_1101835, EPI_ISL_1101837, EPI_ISL_1101839, EPI_ISL_1101841, EPI_ISL_1101842, EPI_ISL_1101843, EPI_ISL_1101846, EPI_ISL_1101847, EPI_ISL_1101849, EPI_ISL_1101850, EPI_ISL_1101852, EPI_ISL_1101853, EPI_ISL_1101854, EPI_ISL_1101856, EPI_ISL_1101857, EPI_ISL_1101858, EPI_ISL_1101862, EPI_ISL_1101864, EPI_ISL_1101866, EPI_ISL_1101867, EPI_ISL_1101868, EPI_ISL_1101869, EPI_ISL_1101870, EPI_ISL_1101872, EPI_ISL_1101874, EPI_ISL_1101875, EPI_ISL_1101876, EPI_ISL_1101877, EPI_ISL_1101881, EPI_ISL_1101882, EPI_ISL_1101883, EPI_ISL_1101887, EPI_ISL_1101891, EPI_ISL_1101894, EPI_ISL_1101902, EPI_ISL_1101906, EPI_ISL_1101907, EPI_ISL_1101908, EPI_ISL_1101910, EPI_ISL_1101911, EPI_ISL_1101915, EPI_ISL_1101917, EPI_ISL_1101918, EPI_ISL_1101919, EPI_ISL_1101921, EPI_ISL_1101925, EPI_ISL_1101926, EPI_ISL_1101927, EPI_ISL_1101928, EPI_ISL_1101929, EPI_ISL_1101931, EPI_ISL_1101932, EPI_ISL_1101934, EPI_ISL_1101935, EPI_ISL_1101936, EPI_ISL_1101937, EPI_ISL_1101939, EPI_ISL_1101942, EPI_ISL_1101944, EPI_ISL_1101945, EPI_ISL_1101946, EPI_ISL_1101948, EPI_ISL_1101950, EPI_ISL_1101951, EPI_ISL_1101952, EPI_ISL_1101953, EPI_ISL_1101955, EPI_ISL_1101957, EPI_ISL_1101959, EPI_ISL_1101960, EPI_ISL_1101962, EPI_ISL_1101966	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_1102436	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_1103578, EPI_ISL_1103580	AZ Klina	AZ Klina	Dr. C. Vael	
EPI_ISL_1103612, EPI_ISL_1103619, EPI_ISL_1103621	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carreras, Piet Maes	
EPI_ISL_1103729, EPI_ISL_1103730, EPI_ISL_1103731, EPI_ISL_1103732, EPI_ISL_1103733, EPI_ISL_1103734, EPI_ISL_1103735, EPI_ISL_1103736, EPI_ISL_1103737, EPI_ISL_1103738, EPI_ISL_1103739, EPI_ISL_1103740, EPI_ISL_1103741, EPI_ISL_1103742, EPI_ISL_1103743	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_1103908, EPI_ISL_1103909, EPI_ISL_1103910, EPI_ISL_1103911, EPI_ISL_1103912, EPI_ISL_1103913, EPI_ISL_1103914, EPI_ISL_1103915, EPI_ISL_1103916, EPI_ISL_1103917, EPI_ISL_1103918, EPI_ISL_1103919, EPI_ISL_1103920, EPI_ISL_1103921, EPI_ISL_1103922, EPI_ISL_1103923, EPI_ISL_1103924, EPI_ISL_1103925, EPI_ISL_1103926, EPI_ISL_1103927, EPI_ISL_1103928	see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_1104286, EPI_ISL_1104287, EPI_ISL_1104288	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_1104630, EPI_ISL_1104631, EPI_ISL_1104632, EPI_ISL_1104633, EPI_ISL_1104634, EPI_ISL_1104635, EPI_ISL_1104636, EPI_ISL_1104637, EPI_ISL_1104638, EPI_ISL_1104639, EPI_ISL_1104640, EPI_ISL_1104641, EPI_ISL_1104642, EPI_ISL_1104643, EPI_ISL_1104644, EPI_ISL_1104646, EPI_ISL_1104648, EPI_ISL_1104651, EPI_ISL_1104653, EPI_ISL_1104655				

see above	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1104656	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_1104657, EPI_ISL_1104658, EPI_ISL_1104659, EPI_ISL_1104660, EPI_ISL_1104661, EPI_ISL_1104694, EPI_ISL_1104695, EPI_ISL_1104696, EPI_ISL_1104698, EPI_ISL_1104699, EPI_ISL_1104701, EPI_ISL_1104702, EPI_ISL_1104705, EPI_ISL_1104709, EPI_ISL_1104767, EPI_ISL_1104768, EPI_ISL_1104769, EPI_ISL_1104770			
see above	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1105178	AZ Klina	AZ Klina	Dr. C. Vael
EPI_ISL_1105719, EPI_ISL_1105721, EPI_ISL_1105722, EPI_ISL_1105723, EPI_ISL_1105726, EPI_ISL_1105729, EPI_ISL_1105730	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, Yusrî Taha, Gary Eltringham
EPI_ISL_1105822, EPI_ISL_1105823, EPI_ISL_1105825, EPI_ISL_1105826, EPI_ISL_1105827, EPI_ISL_1105828, EPI_ISL_1105829, EPI_ISL_1105830, EPI_ISL_1105831, EPI_ISL_1105832, EPI_ISL_1105833, EPI_ISL_1105834, EPI_ISL_1105835, EPI_ISL_1105836, EPI_ISL_1105837, EPI_ISL_1105838, EPI_ISL_1105839, EPI_ISL_1105841, EPI_ISL_1105842			
see above	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1106993, EPI_ISL_1106994, EPI_ISL_1106997, EPI_ISL_1107012, EPI_ISL_1107013, EPI_ISL_1107019, EPI_ISL_1107022, EPI_ISL_1107026, EPI_ISL_1107029, EPI_ISL_1107030, EPI_ISL_1107031, EPI_ISL_1107032, EPI_ISL_1107034, EPI_ISL_1107040, EPI_ISL_1107041, EPI_ISL_1107047, EPI_ISL_1107053, EPI_ISL_1107061, EPI_ISL_1107062, EPI_ISL_1107068, EPI_ISL_1107071, EPI_ISL_1107072, EPI_ISL_1107079, EPI_ISL_1107083, EPI_ISL_1107084, EPI_ISL_1107103, EPI_ISL_1107104, EPI_ISL_1107113, EPI_ISL_1107114, EPI_ISL_1107116, EPI_ISL_1107117, EPI_ISL_1107118, EPI_ISL_1107126, EPI_ISL_1107127, EPI_ISL_1107128, EPI_ISL_1107132, EPI_ISL_1107133, EPI_ISL_1107134, EPI_ISL_1107160, EPI_ISL_1107167, EPI_ISL_1107181, EPI_ISL_1107182, EPI_ISL_1107200, EPI_ISL_1107203, EPI_ISL_1107205, EPI_ISL_1107210			
see above	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1107211, EPI_ISL_1107213, EPI_ISL_1107215, EPI_ISL_1107220, EPI_ISL_1107221, EPI_ISL_1107222, EPI_ISL_1107223, EPI_ISL_1107225, EPI_ISL_1107226, EPI_ISL_1107227, EPI_ISL_1107229, EPI_ISL_1107236, EPI_ISL_1107240, EPI_ISL_1107241, EPI_ISL_1107246, EPI_ISL_1107255, EPI_ISL_1107258, EPI_ISL_1107259, EPI_ISL_1107312, EPI_ISL_1107313, EPI_ISL_1107316, EPI_ISL_1107318, EPI_ISL_1107329, EPI_ISL_1107334, EPI_ISL_1107340, EPI_ISL_1107342, EPI_ISL_1107344, EPI_ISL_1107345, EPI_ISL_1107350, EPI_ISL_1107353, EPI_ISL_1107355, EPI_ISL_1107359, EPI_ISL_1107360, EPI_ISL_1107361, EPI_ISL_1107362, EPI_ISL_1107366, EPI_ISL_1107367, EPI_ISL_1107371, EPI_ISL_1107372, EPI_ISL_1107375, EPI_ISL_1107379, EPI_ISL_1107380, EPI_ISL_1107382, EPI_ISL_1107383, EPI_ISL_1107385, EPI_ISL_1107386, EPI_ISL_1107391, EPI_ISL_1107394, EPI_ISL_1107395, EPI_ISL_1107396, EPI_ISL_1107398, EPI_ISL_1107399, EPI_ISL_1107400, EPI_ISL_1107401, EPI_ISL_1107402, EPI_ISL_1107407, EPI_ISL_1107408, EPI_ISL_1107409, EPI_ISL_1107410, EPI_ISL_1107414, EPI_ISL_1107419, EPI_ISL_1107422, EPI_ISL_1107423, EPI_ISL_1107424, EPI_ISL_1107428, EPI_ISL_1107430, EPI_ISL_1107431, EPI_ISL_1107433, EPI_ISL_1107434, EPI_ISL_1107439, EPI_ISL_1107440, EPI_ISL_1107442, EPI_ISL_1107445, EPI_ISL_1107446, EPI_ISL_1107447, EPI_ISL_1107448, EPI_ISL_1107452, EPI_ISL_1107455, EPI_ISL_1107456, EPI_ISL_1107457, EPI_ISL_1107459, EPI_ISL_1107460, EPI_ISL_1107463, EPI_ISL_1107466, EPI_ISL_1107467, EPI_ISL_1107469, EPI_ISL_1107470, EPI_ISL_1107471, EPI_ISL_1107474, EPI_ISL_1107476, EPI_ISL_1107477, EPI_ISL_1107478, EPI_ISL_1107479, EPI_ISL_1107480, EPI_ISL_1107481, EPI_ISL_1107482, EPI_ISL_1107483, EPI_ISL_1107484, EPI_ISL_1107485, EPI_ISL_1107487, EPI_ISL_1107494, EPI_ISL_1107496, EPI_ISL_1107502, EPI_ISL_1107506, EPI_ISL_1107509, EPI_ISL_1107512, EPI_ISL_1107513, EPI_ISL_1107515			
see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1107536, EPI_ISL_1107537, EPI_ISL_1107538, EPI_ISL_1107539, EPI_ISL_1107540, EPI_ISL_1107541, EPI_ISL_1107542, EPI_ISL_1107693, EPI_ISL_1107694, EPI_ISL_1107695, EPI_ISL_1107696, EPI_ISL_1107708			
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_1108017	AZ Klina	AZ Klina	Dr.C. Vael
EPI_ISL_1108255, EPI_ISL_1108503	AZ Klina	AZ Klina	Dr. C. Vael
EPI_ISL_1109319, EPI_ISL_1109322, EPI_ISL_1109327, EPI_ISL_1109334, EPI_ISL_1109335, EPI_ISL_1109336, EPI_ISL_1109337, EPI_ISL_1109340, EPI_ISL_1109341, EPI_ISL_1109343, EPI_ISL_1109344, EPI_ISL_1109346, EPI_ISL_1109349, EPI_ISL_1109353, EPI_ISL_1109358, EPI_ISL_1109361, EPI_ISL_1109364, EPI_ISL_1109365, EPI_ISL_1109367, EPI_ISL_1109371, EPI_ISL_1109372, EPI_ISL_1109373, EPI_ISL_1109375, EPI_ISL_1109377, EPI_ISL_1109378, EPI_ISL_1109379, EPI_ISL_1109380, EPI_ISL_1109382, EPI_ISL_1109384, EPI_ISL_1109386, EPI_ISL_1109390, EPI_ISL_1109391			
see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Anygal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1109579	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_1109582	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, D'Agaro P, Lombardo F
EPI_ISL_1109583, EPI_ISL_1109586	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_1109587	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Azienda Ospedaliera Pordenone	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Marcello A, D'Agaro P, De Rosa R
EPI_ISL_1109588, EPI_ISL_1109591	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, D'Agaro P, Lombardo F
EPI_ISL_1109599	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_1109600	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, D'Agaro P, Lombardo F
EPI_ISL_1109744, EPI_ISL_1109773, EPI_ISL_1109839, EPI_ISL_1109840	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1109984, EPI_ISL_1109986, EPI_ISL_1109988, EPI_ISL_1109991, EPI_ISL_1109996, EPI_ISL_1109997, EPI_ISL_1110000, EPI_ISL_1110004	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1110204	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 Pawlowsky

EPI_ISL_1110208, EPI_ISL_1110209	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_1110531, EPI_ISL_1110532	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, Debeh Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1111625, EPI_ISL_1111657, EPI_ISL_1111681	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_1111742	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_1111748	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_1111754	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_1112239	Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziata Policlinico	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A.
EPI_ISL_1113076, EPI_ISL_1113077, EPI_ISL_1113078, EPI_ISL_1113079, EPI_ISL_1113080, EPI_ISL_1113081, EPI_ISL_1113083	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 Coppieters, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1113162	NJ Rapid Response Teams	New Jersey Public Health and Environmental Laboratories (PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1114323	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 DeBau, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114377, EPI_ISL_1114378, EPI_ISL_1114379	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_1114518	Department of Health and Mental Hygiene Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114716	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eltra Malone, Jennifer Benoit
EPI_ISL_1114770	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_1114772	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_1114773, EPI_ISL_1114774, EPI_ISL_1114775, EPI_ISL_1114777, EPI_ISL_1114778	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_1114780	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_1114783, EPI_ISL_1114785, EPI_ISL_1114786, EPI_ISL_1114787	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_1114788	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_1114789	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_1114790, EPI_ISL_1114791	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_1114793	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_1114795, EPI_ISL_1114796, EPI_ISL_1114797	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_1114798	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_1114799	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_1114800	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_1114801, EPI_ISL_1114802, EPI_ISL_1114803, EPI_ISL_1114804, EPI_ISL_1114805, EPI_ISL_1114806	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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

		(COG-UK) Consortium	Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1115696	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_1115698, EPI_ISL_1115699, EPI_ISL_1115700, EPI_ISL_1115701, EPI_ISL_1115702	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_1115703	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_1115704, EPI_ISL_1115705, EPI_ISL_1115706, EPI_ISL_1115707, EPI_ISL_1115708	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_1115709	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_1115710, EPI_ISL_1115711, EPI_ISL_1115712, EPI_ISL_1115713, EPI_ISL_1115714, EPI_ISL_1115715, EPI_ISL_1115716	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_1115717	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_1115798	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_1115801	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_1115802, EPI_ISL_1115804, EPI_ISL_1115805, EPI_ISL_1115806, EPI_ISL_1115808, EPI_ISL_1115812, EPI_ISL_1115813, EPI_ISL_1115816, EPI_ISL_1115817, EPI_ISL_1115818, EPI_ISL_1115820, EPI_ISL_1115822, EPI_ISL_1115824	see above	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_1115892, EPI_ISL_1115893, EPI_ISL_1115895, EPI_ISL_1115896, EPI_ISL_1115897, EPI_ISL_1115898, EPI_ISL_1115899, EPI_ISL_1115900, EPI_ISL_1115901, EPI_ISL_1115902, EPI_ISL_1115903, EPI_ISL_1115904, EPI_ISL_1115905, EPI_ISL_1115907, EPI_ISL_1115908, EPI_ISL_1115909, EPI_ISL_1115910, EPI_ISL_1115911, EPI_ISL_1115912, EPI_ISL_1115913, EPI_ISL_1115915, EPI_ISL_1115916, EPI_ISL_1115917, EPI_ISL_1115918, EPI_ISL_1115919, EPI_ISL_1115920, EPI_ISL_1115921, EPI_ISL_1115922, EPI_ISL_1115923, EPI_ISL_1115925, EPI_ISL_1115926, EPI_ISL_1115927, EPI_ISL_1115928, EPI_ISL_1115929, EPI_ISL_1115930, EPI_ISL_1115931, EPI_ISL_1115933, EPI_ISL_1115934, EPI_ISL_1115936, EPI_ISL_1115937, EPI_ISL_1115938, EPI_ISL_1115939, EPI_ISL_1115941, EPI_ISL_1115942, EPI_ISL_1115943, EPI_ISL_1115944, EPI_ISL_1115945, EPI_ISL_1115946, EPI_ISL_1115948, EPI_ISL_1115949, EPI_ISL_1115950, EPI_ISL_1115951, EPI_ISL_1115952, EPI_ISL_1115953, EPI_ISL_1115955, EPI_ISL_1115956, EPI_ISL_1115957, EPI_ISL_1115958, EPI_ISL_1115959, EPI_ISL_1115960, EPI_ISL_1115961, EPI_ISL_1115965, EPI_ISL_1115966, EPI_ISL_1115967, EPI_ISL_1115969, EPI_ISL_1115970, EPI_ISL_1115972, EPI_ISL_1115973, EPI_ISL_1115974, EPI_ISL_1115975, EPI_ISL_1115976, EPI_ISL_1115977, EPI_ISL_1115978, EPI_ISL_1115979, EPI_ISL_1115980, EPI_ISL_1115981, EPI_ISL_1115982, EPI_ISL_1115984, EPI_ISL_1115985, EPI_ISL_1115986, EPI_ISL_1115987, EPI_ISL_1115988, EPI_ISL_1115989, EPI_ISL_1115990, EPI_ISL_1115991, EPI_ISL_1115992, EPI_ISL_1115993, EPI_ISL_1115994, EPI_ISL_1115995, EPI_ISL_1115996, EPI_ISL_1115998, EPI_ISL_1115999, EPI_ISL_1116001, EPI_ISL_1116002, EPI_ISL_1116003, EPI_ISL_1116004, EPI_ISL_1116005, EPI_ISL_1116006, EPI_ISL_1116007, EPI_ISL_1116008, EPI_ISL_1116009, EPI_ISL_1116011, EPI_ISL_1116013, EPI_ISL_1116017, EPI_ISL_1116019, EPI_ISL_1116020, EPI_ISL_1116021, EPI_ISL_1116022, EPI_ISL_1116023, EPI_ISL_1116025, EPI_ISL_1116028, EPI_ISL_1116029, EPI_ISL_1116030, EPI_ISL_1116031, EPI_ISL_1116032, EPI_ISL_1116033, EPI_ISL_1116034, EPI_ISL_1116035, EPI_ISL_1116036, EPI_ISL_1116037, EPI_ISL_1116039, EPI_ISL_1116040, EPI_ISL_1116042, EPI_ISL_1116043, EPI_ISL_1116044, EPI_ISL_1116045, EPI_ISL_1116047, EPI_ISL_1116049, EPI_ISL_1116051, EPI_ISL_1116053, EPI_ISL_1116054, EPI_ISL_1116055, EPI_ISL_1116057, EPI_ISL_1116058, EPI_ISL_1116059, EPI_ISL_1116060, EPI_ISL_1116061, EPI_ISL_1116062, EPI_ISL_1116064, EPI_ISL_1116065, EPI_ISL_1116067, EPI_ISL_1116068, EPI_ISL_1116069, EPI_ISL_1116071, EPI_ISL_1116072, EPI_ISL_1116073, EPI_ISL_1116074, EPI_ISL_1116075, EPI_ISL_1116076, EPI_ISL_1116077, EPI_ISL_1116078, EPI_ISL_1116079, EPI_ISL_1116083, EPI_ISL_1116084, EPI_ISL_1116085, EPI_ISL_1116086, EPI_ISL_1116087, EPI_ISL_1116089, EPI_ISL_1116090, EPI_ISL_1116091, EPI_ISL_1116093, EPI_ISL_1116094, EPI_ISL_1116095, EPI_ISL_1116096, EPI_ISL_1116097, EPI_ISL_1116098, EPI_ISL_1116100, EPI_ISL_1116101, EPI_ISL_1116102, EPI_ISL_1116103, EPI_ISL_1116106, EPI_ISL_1116107, EPI_ISL_1116108, EPI_ISL_1116109, EPI_ISL_1116110, EPI_ISL_1116111, EPI_ISL_1116113, EPI_ISL_1116114, EPI_ISL_1116115, EPI_ISL_1116118, EPI_ISL_1116119, EPI_ISL_1116121, EPI_ISL_1116122, EPI_ISL_1116123, EPI_ISL_1116124, EPI_ISL_1116125, EPI_ISL_1116126, EPI_ISL_1116127, EPI_ISL_1116128, EPI_ISL_1116130, EPI_ISL_1116131, EPI_ISL_1116133, EPI_ISL_1116135	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_1116429, EPI_ISL_1116434	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_1117493, EPI_ISL_1117505	OSP SAN SALVATORE, MEDICINA INTERNA	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, Scialabba S, Puglia I, Calistri P, Savini G	
EPI_ISL_1117506	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, Scialabba S, Puglia I, Calistri P, Savini G	
EPI_ISL_1117715, EPI_ISL_1117727, EPI_ISL_1117729, EPI_ISL_1117756	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun	
EPI_ISL_1118108	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 Lovestad	
EPI_ISL_1118850, EPI_ISL_1118853	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_1118925	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Otto Gaetan, Maschietto Céline, Huang Te-Din, Denis Olivier, Bogaerts Pierre, Degosserie Jonathan, Mullier François	
EPI_ISL_1120120	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	REALE Stefano, SCIBETTA Silvia, PIAZZA Angela, BRUNO Gabriella, CASTELLI Germano, BRUNO Federica, VITALE Francesco, TRAMUTO Fabio, MAIDA Carmelo Massimo, MAZZUCCO Walter, DI NARO Daniela, RANDAZZO Giulia, VITALE Fabrizio	
EPI_ISL_1121155, EPI_ISL_1121165, EPI_ISL_1121166, EPI_ISL_1121167	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours	
EPI_ISL_1121173	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_1121175, EPI_ISL_1121176, EPI_ISL_1121177	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours	
EPI_ISL_1121184	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_1121185, EPI_ISL_1121186, EPI_ISL_1121187, EPI_ISL_1121188, EPI_ISL_1121189	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours	
EPI_ISL_1121197	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	

[illegible]

[illegible]

[illegible]

EPI_ISL_1122785, EPI_ISL_1122786, EPI_ISL_1122787, EPI_ISL_1122788, EPI_ISL_1122789, EPI_ISL_1122790	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1122791, EPI_ISL_1122792	Lighthouse Lab in Milton Keynes	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_1122793, EPI_ISL_1122794, EPI_ISL_1122795, EPI_ISL_1122796, EPI_ISL_1122797, EPI_ISL_1122798, EPI_ISL_1122799	Lighthouse Lab in Alderley Park	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_1122800, EPI_ISL_1122801	Lighthouse Lab in Milton Keynes	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_1122802, EPI_ISL_1122803, EPI_ISL_1122804	Lighthouse Lab in Alderley Park	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_1122805	Lighthouse Lab in Milton Keynes	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_1122806	Lighthouse Lab in Alderley Park	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_1122807	Lighthouse Lab in Milton Keynes	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_1122808, EPI_ISL_1122809, EPI_ISL_1122811, EPI_ISL_1122812, EPI_ISL_1122813, EPI_ISL_1122815, EPI_ISL_1122816, EPI_ISL_1122819, EPI_ISL_1122820, EPI_ISL_1122821, EPI_ISL_1122822, EPI_ISL_1122823, EPI_ISL_1122824, EPI_ISL_1122826, EPI_ISL_1122827, EPI_ISL_1122828, EPI_ISL_1122829, EPI_ISL_1122830, EPI_ISL_1122832, EPI_ISL_1122833, EPI_ISL_1122834, EPI_ISL_1122835, EPI_ISL_1122836, EPI_ISL_1122837, EPI_ISL_1122838, EPI_ISL_1122839, EPI_ISL_1122842, EPI_ISL_1122843, EPI_ISL_1122844, EPI_ISL_1122849, EPI_ISL_1122850, EPI_ISL_1122854, EPI_ISL_1122855, EPI_ISL_1122856, EPI_ISL_1122857, EPI_ISL_1122859, EPI_ISL_1122861, EPI_ISL_1122864, EPI_ISL_1122866, EPI_ISL_1122867, EPI_ISL_1122869, EPI_ISL_1122870, EPI_ISL_1122872, EPI_ISL_1122874, EPI_ISL_1122875, EPI_ISL_1122876, EPI_ISL_1122877, EPI_ISL_1122878, EPI_ISL_1122879, EPI_ISL_1122880, EPI_ISL_1122881, EPI_ISL_1122882, EPI_ISL_1122883, EPI_ISL_1122884, EPI_ISL_1122885, EPI_ISL_1122886, EPI_ISL_1122887, EPI_ISL_1122888, EPI_ISL_1122889, EPI_ISL_1122891, EPI_ISL_1122892, EPI_ISL_1122893, EPI_ISL_1122894, EPI_ISL_1122895, EPI_ISL_1122896, EPI_ISL_1122897, EPI_ISL_1122898, EPI_ISL_1122899, EPI_ISL_1122900, EPI_ISL_1122901, EPI_ISL_1122902, EPI_ISL_1122903, EPI_ISL_1122904, EPI_ISL_1122905, EPI_ISL_1122907, EPI_ISL_1122908, EPI_ISL_1122909, EPI_ISL_1122910, EPI_ISL_1122911, EPI_ISL_1122912, EPI_ISL_1122913, EPI_ISL_1122914, EPI_ISL_1122915, EPI_ISL_1122916, EPI_ISL_1122917, EPI_ISL_1122918, EPI_ISL_1122919, EPI_ISL_1122920, EPI_ISL_1122921, EPI_ISL_1122922, EPI_ISL_1122923, EPI_ISL_1122924, EPI_ISL_1122925, EPI_ISL_1122926, EPI_ISL_1122927, EPI_ISL_1122928, EPI_ISL_1122929, EPI_ISL_1122930, EPI_ISL_1122931, EPI_ISL_1122932, EPI_ISL_1122933, EPI_ISL_1122934, EPI_ISL_1122935, EPI_ISL_1122936, EPI_ISL_1122937, EPI_ISL_1122938, EPI_ISL_1122939, EPI_ISL_1122940, EPI_ISL_1122941, EPI_ISL_1122942, EPI_ISL_1122943, EPI_ISL_1122944, EPI_ISL_1122945, EPI_ISL_1122946, EPI_ISL_1122947, EPI_ISL_1122948, EPI_ISL_1122949, EPI_ISL_1122950, EPI_ISL_1122951, EPI_ISL_1122952, EPI_ISL_1122953, EPI_ISL_1122954, EPI_ISL_1122956, EPI_ISL_1122957, EPI_ISL_1122958, EPI_ISL_1122959, EPI_ISL_1122960, EPI_ISL_1122961, EPI_ISL_1122962, EPI_ISL_1122963, EPI_ISL_1122964, EPI_ISL_1122965, EPI_ISL_1122966, EPI_ISL_1122967, EPI_ISL_1122969, EPI_ISL_1122970, EPI_ISL_1122971, EPI_ISL_1122972, EPI_ISL_1122973, EPI_ISL_1122974, EPI_ISL_1122975, EPI_ISL_1122976, EPI_ISL_1122977, EPI_ISL_1122978, EPI_ISL_1122979, EPI_ISL_1122980, EPI_ISL_1122981, EPI_ISL_1122982, EPI_ISL_1122983, EPI_ISL_1122984, EPI_ISL_1122985, EPI_ISL_1122986, EPI_ISL_1122988, EPI_ISL_1122989, EPI_ISL_1122990, EPI_ISL_1122991, EPI_ISL_1122992, EPI_ISL_1122993, EPI_ISL_1122994, EPI_ISL_1122995, EPI_ISL_1122996, EPI_ISL_1122997, EPI_ISL_1122998, EPI_ISL_1122999, EPI_ISL_1123000, EPI_ISL_1123001, EPI_ISL_1123002, EPI_ISL_1123003, EPI_ISL_1123004, EPI_ISL_1123005, EPI_ISL_1123006, EPI_ISL_1123007, EPI_ISL_1123008, EPI_ISL_1123009, EPI_ISL_1123010, EPI_ISL_1123011, EPI_ISL_1123012, EPI_ISL_1123013, EPI_ISL_1123014, EPI_ISL_1123015, EPI_ISL_1123016, EPI_ISL_1123017, EPI_ISL_1123019, EPI_ISL_1123020, EPI_ISL_1123021, EPI_ISL_1123022, EPI_ISL_1123023, EPI_ISL_1123024, EPI_ISL_1123025, EPI_ISL_1123026, EPI_ISL_1123027, EPI_ISL_1123028, EPI_ISL_1123029, EPI_ISL_1123030, EPI_ISL_1123031, EPI_ISL_1123032, EPI_ISL_1123033, EPI_ISL_1123034, EPI_ISL_1123035, EPI_ISL_1123036, EPI_ISL_1123037, EPI_ISL_1123038, EPI_ISL_1123039, EPI_ISL_1123040, EPI_ISL_1123041, EPI_ISL_1123042, EPI_ISL_1123043, EPI_ISL_1123045, EPI_ISL_1123046, EPI_ISL_1123047, EPI_ISL_1123048, EPI_ISL_1123049, EPI_ISL_1123050, EPI_ISL_1123051, EPI_ISL_1123053, EPI_ISL_1123054, EPI_ISL_1123055, EPI_ISL_1123057, EPI_ISL_1123058, EPI_ISL_1123059, EPI_ISL_1123060, EPI_ISL_1123061, EPI_ISL_1123062, EPI_ISL_1123063, EPI_ISL_1123064, EPI_ISL_1123065, EPI_ISL_1123066, EPI_ISL_1123067, EPI_ISL_1123068, EPI_ISL_1123069, EPI_ISL_1123070, EPI_ISL_1123071, EPI_ISL_1123072, EPI_ISL_1123073, EPI_ISL_1123074, EPI_ISL_1123075, EPI_ISL_1123076, EPI_ISL_1123077, EPI_ISL_1123078, EPI_ISL_1123079, EPI_ISL_1123080, EPI_ISL_1123081, EPI_ISL_1123082, EPI_ISL_1123083, EPI_ISL_1123084, EPI_ISL_1123085, EPI_ISL_1123086, EPI_ISL_1123087, EPI_ISL_1123088, EPI_ISL_1123089, EPI_ISL_1123090, EPI_ISL_1123091, EPI_ISL_1123092, EPI_ISL_1123093, EPI_ISL_1123094, EPI_ISL_1123095, EPI_ISL_1123096, EPI_ISL_1123097, EPI_ISL_1123098, EPI_ISL_1123099, EPI_ISL_1123100, EPI_ISL_1123101, EPI_ISL_1123102, EPI_ISL_1123103, EPI_ISL_1123104, EPI_ISL_1123105, EPI_ISL_1123106, EPI_ISL_1123107, EPI_ISL_1123108, EPI_ISL_1123109, EPI_ISL_1123110, EPI_ISL_1123112, EPI_ISL_1123113, EPI_ISL_1123114, EPI_ISL_1123115, EPI_ISL_1123116, EPI_ISL_1123117, EPI_ISL_1123118, EPI_ISL_1123119, EPI_ISL_1123120, EPI_ISL_1123121, EPI_ISL_1123122, EPI_ISL_1123123, EPI_ISL_1123124, EPI_ISL_1123125, EPI_ISL_1123126, EPI_ISL_1123127, EPI_ISL_1123128, EPI_ISL_1123129, EPI_ISL_1123130, EPI_ISL_1123131, EPI_ISL_1123132, EPI_ISL_1123133, EPI_ISL_1123134, EPI_ISL_1123135, EPI_ISL_1123136, EPI_ISL_1123137, EPI_ISL_1123138, EPI_ISL_1123139, EPI_ISL_1123140, EPI_ISL_1123141, EPI_ISL_1123142, EPI_ISL_1123143, EPI_ISL_1123144, EPI_ISL_1123145, EPI_ISL_1123146, EPI_ISL_1123147, EPI_ISL_1123148, EPI_ISL_1123149, EPI_ISL_1123150, EPI_ISL_1123151, EPI_ISL_1123152, EPI_ISL_1123154, EPI_ISL_1123155, EPI_ISL_1123156, EPI_ISL_1123158, EPI_ISL_1123159, EPI_ISL_1123160, EPI_ISL_1123161, EPI_ISL_1123163, EPI_ISL_1123166, EPI_ISL_1123167, EPI_ISL_1123169, EPI_ISL_1123170, EPI_ISL_1123171, EPI_ISL_1123172, EPI_ISL_1123173, EPI_ISL_1123174, EPI_ISL_1123175, EPI_ISL_1123176, EPI_ISL_1123177, EPI_ISL_1123178, EPI_ISL_1123180, EPI_ISL_1123181, EPI_ISL_1123183, EPI_ISL_1123185, EPI_ISL_1123186, EPI_ISL_1123187, EPI_ISL_1123190, EPI_ISL_1123191, EPI_ISL_1123193, EPI_ISL_1123194, EPI_ISL_1123195, EPI_ISL_1123196, EPI_ISL_1123197, EPI_ISL_1123198, EPI_ISL_1123199, EPI_ISL_1123200, EPI_ISL_1123201, EPI_ISL_1123202, EPI_ISL_1123203, EPI_ISL_1123204, EPI_ISL_1123205, EPI_ISL_1123206, EPI_ISL_1123207, EPI_ISL_1123208, EPI_ISL_1123209, EPI_ISL_1123210, EPI_ISL_1123211, EPI_ISL_1123212, EPI_ISL_1123213, EPI_ISL_1123214, EPI_ISL_1123215, EPI_ISL_1123216, EPI_ISL_1123218, EPI_ISL_1123219, EPI_ISL_1123220, EPI_ISL_1123221, EPI_ISL_1123223, EPI_ISL_1123225, EPI_ISL_1123226, EPI_ISL_1123227, EPI_ISL_1123228, EPI_ISL_1123229, EPI_ISL_1123230, EPI_ISL_1123231, EPI_ISL_1123232, EPI_ISL_1123233, EPI_ISL_1123234, EPI_ISL_1123235, EPI_ISL_1123236, EPI_ISL_1123237, EPI_ISL_1123238, EPI_ISL_1123239, EPI_ISL_1123241, EPI_ISL_1123242, EPI_ISL_1123243, EPI_ISL_1123245, EPI_ISL_1123246, EPI_ISL_1123251, EPI_ISL_1123252, EPI_ISL_1123253, EPI_ISL_1123254, EPI_ISL_1123256	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_1123369	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours	
EPI_ISL_1125210	Laboratorio de Virología Hospital Universitario Central de Asturias (HUCA)	Laboratorio de Virología Hospital Universitario Central de Asturias (HUCA)	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_1125257, EPI_ISL_1125289, EPI_ISL_1125302, EPI_ISL_1125303, EPI_ISL_1125315, EPI_ISL_1125317	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, María Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, María Gema Codina, Carla Castillo, María Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón	
EPI_ISL_1125577	Laboratorio de Virología Hospital Universitario Central de Asturias (HUCA)	Laboratorio de Virología Hospital Universitario Central de Asturias (HUCA)	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_1128889, EPI_ISL_1128901, EPI_ISL_1128908	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman	
EPI_ISL_1138405	Hospital del Oriente de Asturias	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S	
EPI_ISL_1138407	Hospital de Cabueñes	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S	
EPI_ISL_1138408, EPI_ISL_1138409	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S	
EPI_ISL_1148983	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown	
EPI_ISL_1152614	SYNLAB Jena OncoScreen	Robert Koch Institute	unknown	
EPI_ISL_1152623	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1152642	SYNLAB MVZ Trier	Robert Koch Institute	unknown	
EPI_ISL_1152643	SYNLAB Jena OncoScreen	Robert Koch Institute	unknown	
EPI_ISL_1152647, EPI_ISL_1152664, EPI_ISL_1152666	SYNLAB MVZ Trier	Robert Koch Institute	unknown	
EPI_ISL_1152703, EPI_ISL_1152736	SYNLAB MVZ Weiden	Robert Koch Institute	unknown	

EPI_ISL_1152742	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152792	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152807, EPI_ISL_1152831	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152858	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153465, EPI_ISL_1153476, EPI_ISL_1153481, EPI_ISL_1153513	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1153589	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153629, EPI_ISL_1153633, EPI_ISL_1153634, EPI_ISL_1153636, EPI_ISL_1153637, EPI_ISL_1153641, EPI_ISL_1153643, EPI_ISL_1153644, EPI_ISL_1153645, EPI_ISL_1153647, EPI_ISL_1153648, EPI_ISL_1153650, EPI_ISL_1153651, EPI_ISL_1153654, EPI_ISL_1153662, EPI_ISL_1153664, EPI_ISL_1153665, EPI_ISL_1153666			
see above	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1154184, EPI_ISL_1154186	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154192, EPI_ISL_1154201	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154254	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154258, EPI_ISL_1154265	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154325	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154331	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154369, EPI_ISL_1154415	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154418	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154423	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154429, EPI_ISL_1154433	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1155204, EPI_ISL_1155207, EPI_ISL_1155211, EPI_ISL_1155215, EPI_ISL_1155220	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1155330, EPI_ISL_1155332	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1155410	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1155429, EPI_ISL_1155435, EPI_ISL_1155436, EPI_ISL_1155439, EPI_ISL_1155440	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1155444	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1155447, EPI_ISL_1155448	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1155455	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1155456, EPI_ISL_1155459, EPI_ISL_1155460	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1155466	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1155488	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1155572, EPI_ISL_1155577	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155584	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1155593, EPI_ISL_1155609, EPI_ISL_1155611	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155621	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155628	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1155638, EPI_ISL_1155639, EPI_ISL_1155642	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155655	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1155657, EPI_ISL_1155659	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155666	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155672	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155687, EPI_ISL_1155692	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155697, EPI_ISL_1155701, EPI_ISL_1155710, EPI_ISL_1155725	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155728	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1155739	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155747	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1155749	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1155750	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155752	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1155756, EPI_ISL_1155760	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155761, EPI_ISL_1155769, EPI_ISL_1155773, EPI_ISL_1155779, EPI_ISL_1155785	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155788	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1155794, EPI_ISL_1155796	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155805	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1155809	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155811, EPI_ISL_1155817	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155821, EPI_ISL_1155831, EPI_ISL_1155833, EPI_ISL_1155834	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155838, EPI_ISL_1155840, EPI_ISL_1155842, EPI_ISL_1155844, EPI_ISL_1155847, EPI_ISL_1155848, EPI_ISL_1155849, EPI_ISL_1155850, EPI_ISL_1155851	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155852	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155854, EPI_ISL_1155858	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155859	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1155865, EPI_ISL_1155869, EPI_ISL_1155873	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155877	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155879, EPI_ISL_1155880	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155885	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155887, EPI_ISL_1155894	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155994, EPI_ISL_1155996, EPI_ISL_1156000	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1156096	Helios Universitätsklinikum Wuppertal: Universität Witten/Herdecke: Institut für Medizinische Labordiagnostik	Robert Koch Institute	unknown
EPI_ISL_1156100, EPI_ISL_1156162	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1156438, EPI_ISL_1156444	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156447	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156450	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156453	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156457	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156464, EPI_ISL_1156467	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156469	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156470	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156480	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156483	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156490, EPI_ISL_1156491, EPI_ISL_1156499	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156500	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156509, EPI_ISL_1156512	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156515	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156519, EPI_ISL_1156525, EPI_ISL_1156529	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156530, EPI_ISL_1156534	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156542	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156546	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156551	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156565	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156566, EPI_ISL_1156570	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156582	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156583	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156584, EPI_ISL_1156593, EPI_ISL_1156597	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156598, EPI_ISL_1156599, EPI_ISL_1156601, EPI_ISL_1156603	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156623	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156627	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156630	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156634	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156635	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156638	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156641, EPI_ISL_1156654	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156655, EPI_ISL_1156660	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156665	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156667	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown

EPI_ISL_1156674	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156675	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156680	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156681	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156683	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156687	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156693, EPI_ISL_1156700	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156704	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156710, EPI_ISL_1156714	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156718	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156729	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156733	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156741, EPI_ISL_1156745, EPI_ISL_1156746	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156749	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156760	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156761, EPI_ISL_1156771	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1156778	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156786, EPI_ISL_1156835	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156979	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156983, EPI_ISL_1156992, EPI_ISL_1156997	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1156999, EPI_ISL_1157000	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157001, EPI_ISL_1157034	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157046	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157048, EPI_ISL_1157049	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157051	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157053	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157521	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157652	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1158889, EPI_ISL_1158890, EPI_ISL_1158891, EPI_ISL_1158892, EPI_ISL_1158893, EPI_ISL_1158895, EPI_ISL_1158896, EPI_ISL_1158897, EPI_ISL_1158900, EPI_ISL_1158901, EPI_ISL_1158922			
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_1159231, EPI_ISL_1159232	Laboratoire Vivalia - Cliniques St-Joseph	Plateforme de testing Namuroise	Maschietto Céline ; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1159393	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_1163688	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_1164449, EPI_ISL_1164450	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1164600, EPI_ISL_1164601, EPI_ISL_1164655, EPI_ISL_1164752	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1164846, EPI_ISL_1164852	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1165044, EPI_ISL_1165046, EPI_ISL_1165050, EPI_ISL_1165054, EPI_ISL_1165063, EPI_ISL_1165064	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_1165191, EPI_ISL_1165192, EPI_ISL_1165193, EPI_ISL_1165220, EPI_ISL_1165223, EPI_ISL_1165229, EPI_ISL_1165231, EPI_ISL_1165236, EPI_ISL_1165241, EPI_ISL_1165242, EPI_ISL_1165243, EPI_ISL_1165247, EPI_ISL_1165248, EPI_ISL_1165250, EPI_ISL_1165251, EPI_ISL_1165254, EPI_ISL_1165255, EPI_ISL_1165256, EPI_ISL_1165258, EPI_ISL_1165262, EPI_ISL_1165268, EPI_ISL_1165270, EPI_ISL_1165273, EPI_ISL_1165279, EPI_ISL_1165282, EPI_ISL_1165283, EPI_ISL_1165284, EPI_ISL_1165287, EPI_ISL_1165288, EPI_ISL_1165290, EPI_ISL_1165303, EPI_ISL_1165305, EPI_ISL_1165307, EPI_ISL_1165329, EPI_ISL_1165332, EPI_ISL_1165337, EPI_ISL_1165344, EPI_ISL_1165345, EPI_ISL_1165350, EPI_ISL_1165352, EPI_ISL_1165356, EPI_ISL_1165357, EPI_ISL_1165361, EPI_ISL_1165365, EPI_ISL_1165383, EPI_ISL_1165384, EPI_ISL_1165399, EPI_ISL_1165400, EPI_ISL_1165401, EPI_ISL_1165410, EPI_ISL_1165411, EPI_ISL_1165417, EPI_ISL_1165422, EPI_ISL_1165423, EPI_ISL_1165424, EPI_ISL_1165430, EPI_ISL_1165455, EPI_ISL_1165462, EPI_ISL_1165464, EPI_ISL_1165467, EPI_ISL_1165469, EPI_ISL_1165473, EPI_ISL_1165474, EPI_ISL_1165490, EPI_ISL_1165494, EPI_ISL_1165496, EPI_ISL_1165498, EPI_ISL_1165499, EPI_ISL_1165501, EPI_ISL_1165508, EPI_ISL_1165509, EPI_ISL_1165510, EPI_ISL_1165511, EPI_ISL_1165512, EPI_ISL_1165513, EPI_ISL_1165514, EPI_ISL_1165515, EPI_ISL_1165516, EPI_ISL_1165517, EPI_ISL_1165518, EPI_ISL_1165519, EPI_ISL_1165520, EPI_ISL_1165521, EPI_ISL_1165522, EPI_ISL_1165523, EPI_ISL_1165524, EPI_ISL_1165525, EPI_ISL_1165526, EPI_ISL_1165527, EPI_ISL_1165528, EPI_ISL_1165543			
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_1165822, EPI_ISL_1165823, EPI_ISL_1165825, EPI_ISL_1165826, EPI_ISL_1165828	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_1165835, EPI_ISL_1165837, EPI_ISL_1165838, EPI_ISL_1165840	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1166206	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_1166557	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_1166652, EPI_ISL_1166653, EPI_ISL_1166655, EPI_ISL_1166657, EPI_ISL_1166660, EPI_ISL_1166661, EPI_ISL_1166662, EPI_ISL_1166664, EPI_ISL_1166666, EPI_ISL_1166667, EPI_ISL_1166668, EPI_ISL_1166674, EPI_ISL_1166675, EPI_ISL_1166676, EPI_ISL_1166677, EPI_ISL_1166679, EPI_ISL_1166680, EPI_ISL_1166681, EPI_ISL_1166682, EPI_ISL_1166683, EPI_ISL_1166684, EPI_ISL_1166685, EPI_ISL_1166687, EPI_ISL_1166689, EPI_ISL_1166691, EPI_ISL_1166692, EPI_ISL_1166693, EPI_ISL_1166694, EPI_ISL_1166695, EPI_ISL_1166697, EPI_ISL_1166698, EPI_ISL_1166700, EPI_ISL_1166701, EPI_ISL_1166702,			

EPI_ISL_1166704, EPI_ISL_1166705, EPI_ISL_1166706, EPI_ISL_1166707, EPI_ISL_1166708, EPI_ISL_1166712, EPI_ISL_1166714, EPI_ISL_1166715, EPI_ISL_1166716, EPI_ISL_1166717, EPI_ISL_1166718, EPI_ISL_1166719, EPI_ISL_1166720, EPI_ISL_1166721, EPI_ISL_1166722, EPI_ISL_1166723, EPI_ISL_1166724, EPI_ISL_1166725, EPI_ISL_1166726, EPI_ISL_1166728, EPI_ISL_1166729, EPI_ISL_1166730, EPI_ISL_1166732, EPI_ISL_1166733, EPI_ISL_1166734, EPI_ISL_1166735, EPI_ISL_1166737, EPI_ISL_1166739, EPI_ISL_1166740, EPI_ISL_1166741, EPI_ISL_1166764, EPI_ISL_1166766, EPI_ISL_1166767, EPI_ISL_1166768, EPI_ISL_1166769, EPI_ISL_1166770, EPI_ISL_1166771, EPI_ISL_1166772, EPI_ISL_1166773, EPI_ISL_1166774, EPI_ISL_1166775, EPI_ISL_1166777, EPI_ISL_1166778, EPI_ISL_1166806, EPI_ISL_1166808			
see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Peugeot, Mellyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1167271, EPI_ISL_1167278	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1168149, EPI_ISL_1168150, EPI_ISL_1168151, EPI_ISL_1168154, EPI_ISL_1168155, EPI_ISL_1168156, EPI_ISL_1168160	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1168203, EPI_ISL_1168213	Armies	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillili, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Desroches Marine
EPI_ISL_1169613, EPI_ISL_1169622, EPI_ISL_1169638, EPI_ISL_1169652, EPI_ISL_1169653, EPI_ISL_1169661, EPI_ISL_1169662, EPI_ISL_1169663, EPI_ISL_1169664, EPI_ISL_1169665, EPI_ISL_1169666, EPI_ISL_1169667, EPI_ISL_1169681			
see above	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_1171477	SYNLAB	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_1171795, EPI_ISL_1171804, EPI_ISL_1171824	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_1172032, EPI_ISL_1172033	LabPLUS	Institute of Environmental Science and Research (ESR)	Rachel Boyle, SallyAnn Harbison, Olivia Stroeven, Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McUliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Mutaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1173518, EPI_ISL_1173766, EPI_ISL_1173767, EPI_ISL_1173768	Imelda Hospital	Imelda Hospital	Johan Frans, Hanne Valgaeren, Dagmar Obbels
EPI_ISL_1174589, EPI_ISL_1174666, EPI_ISL_1174878	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_1174890	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_1174913, EPI_ISL_1174914, EPI_ISL_1174915, EPI_ISL_1174924, EPI_ISL_1174935, EPI_ISL_1174938, EPI_ISL_1174961, EPI_ISL_1174972, EPI_ISL_1174977	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_1174978	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_1175008, EPI_ISL_1175011, EPI_ISL_1175017, EPI_ISL_1175023, EPI_ISL_1175039, EPI_ISL_1175042, EPI_ISL_1175049, EPI_ISL_1175054, EPI_ISL_1175064, EPI_ISL_1175066, EPI_ISL_1175087, EPI_ISL_1175090			
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_1175136, EPI_ISL_1175143, EPI_ISL_1175144, EPI_ISL_1175149, EPI_ISL_1175157, EPI_ISL_1175158, EPI_ISL_1175162, EPI_ISL_1175172, EPI_ISL_1175177, EPI_ISL_1175180, EPI_ISL_1175185, EPI_ISL_1175187, EPI_ISL_1175190, EPI_ISL_1175191, EPI_ISL_1175196, EPI_ISL_1175197, EPI_ISL_1175198, EPI_ISL_1175199, EPI_ISL_1175201, EPI_ISL_1175205, EPI_ISL_1175213, EPI_ISL_1175216			
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_1175224	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_1175229, EPI_ISL_1175237, EPI_ISL_1175241, EPI_ISL_1175243, EPI_ISL_1175244, EPI_ISL_1175248, EPI_ISL_1175253, EPI_ISL_1175254, EPI_ISL_1175260, EPI_ISL_1175265, EPI_ISL_1175267, EPI_ISL_1175268, EPI_ISL_1175269, EPI_ISL_1175273, EPI_ISL_1175274, EPI_ISL_1175279, EPI_ISL_1175281, EPI_ISL_1175283, EPI_ISL_1175288, EPI_ISL_1175293, EPI_ISL_1175297, EPI_ISL_1175298, EPI_ISL_1175301, EPI_ISL_1175303, EPI_ISL_1175308, EPI_ISL_1175315, EPI_ISL_1175319, EPI_ISL_1175323, EPI_ISL_1175325, EPI_ISL_1175326, EPI_ISL_1175328, EPI_ISL_1175330, EPI_ISL_1175331			
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_1175335	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_1175342, EPI_ISL_1175345, EPI_ISL_1175352, EPI_ISL_1175356, EPI_ISL_1175361, EPI_ISL_1175362, EPI_ISL_1175363, EPI_ISL_1175370, EPI_ISL_1175371, EPI_ISL_1175374, EPI_ISL_1175376, EPI_ISL_1175380, EPI_ISL_1175382, EPI_ISL_1175390, EPI_ISL_1175391, EPI_ISL_1175393, EPI_ISL_1175397, EPI_ISL_1175400, EPI_ISL_1175403, EPI_ISL_1175404, EPI_ISL_1175409, EPI_ISL_1175411, EPI_ISL_1175412, EPI_ISL_1175414, EPI_ISL_1175415			
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_1175417	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_1175418	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_1175419	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_1175420, EPI_ISL_1175422, EPI_ISL_1175423, EPI_ISL_1175424	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_1175425	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_1175427, EPI_ISL_1175428	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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EPI_ISL_1175752	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_1175753	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_1175754, EPI_ISL_1175755	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_1175756, EPI_ISL_1175757, EPI_ISL_1175759	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_1175760, EPI_ISL_1175761, EPI_ISL_1175762	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_1175763, EPI_ISL_1175765, EPI_ISL_1175768, EPI_ISL_1175769, EPI_ISL_1175770, EPI_ISL_1175771, EPI_ISL_1175772, EPI_ISL_1175773, EPI_ISL_1175774, EPI_ISL_1175776, EPI_ISL_1175779, EPI_ISL_1175782, EPI_ISL_1175787, EPI_ISL_1175789, EPI_ISL_1175791, EPI_ISL_1175794, EPI_ISL_1175798, EPI_ISL_1175805, EPI_ISL_1175806, EPI_ISL_1175807, EPI_ISL_1175809, EPI_ISL_1175812, EPI_ISL_1175813, EPI_ISL_1175814, EPI_ISL_1175818, EPI_ISL_1175820, EPI_ISL_1175821, EPI_ISL_1175823, EPI_ISL_1175825, EPI_ISL_1175827, EPI_ISL_1175828, EPI_ISL_1175829, EPI_ISL_1175830, EPI_ISL_1175833, EPI_ISL_1175834, EPI_ISL_1175836, EPI_ISL_1175837, EPI_ISL_1175840, EPI_ISL_1175846, EPI_ISL_1175848, EPI_ISL_1175850, EPI_ISL_1175856, EPI_ISL_1175865, EPI_ISL_1175868, EPI_ISL_1175870, EPI_ISL_1175873, EPI_ISL_1175875, EPI_ISL_1175877, EPI_ISL_1175878, EPI_ISL_1175880, EPI_ISL_1175884, EPI_ISL_1175891, EPI_ISL_1175895, EPI_ISL_1175898, EPI_ISL_1175901, EPI_ISL_1175903, EPI_ISL_1175907, EPI_ISL_1175909, EPI_ISL_1175910, EPI_ISL_1175916, EPI_ISL_1175918, EPI_ISL_1175926, EPI_ISL_1175929, EPI_ISL_1175931, EPI_ISL_1175935, EPI_ISL_1175939, EPI_ISL_1175940, EPI_ISL_1175946, EPI_ISL_1175949, EPI_ISL_1175955, EPI_ISL_1175957, EPI_ISL_1175958, EPI_ISL_1175960, EPI_ISL_1175961, EPI_ISL_1175962, EPI_ISL_1175966, EPI_ISL_1175967	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	
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Johan Frans, Hanne Valgaeren, Dagmar Obbels
EPI_ISL_1176298	Imelda Hospital	Imelda Hospital	Björn Hallström, Jonas Björkman
EPI_ISL_1176370	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	EPI_ISL_1177520
EPI_ISL_1177451, EPI_ISL_1177454, EPI_ISL_1177467, EPI_ISL_1177470, EPI_ISL_1177477, EPI_ISL_1177491, EPI_ISL_1177493, EPI_ISL_1177498, EPI_ISL_1177502, EPI_ISL_1177509, EPI_ISL_1177517, EPI_ISL_1177518, EPI_ISL_1177520	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Timothy Byaruhanga, Jayasree Dey, Emily Park, Jack Hill, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1177538, EPI_ISL_1177539, EPI_ISL_1177540, EPI_ISL_1177541, EPI_ISL_1177542, EPI_ISL_1177543, EPI_ISL_1177544, EPI_ISL_1177545, EPI_ISL_1177546, EPI_ISL_1177547, EPI_ISL_1177548, EPI_ISL_1177549, EPI_ISL_1177550, EPI_ISL_1177551, EPI_ISL_1177553, EPI_ISL_1177554, EPI_ISL_1177556, EPI_ISL_1177558, EPI_ISL_1177563, EPI_ISL_1177564, EPI_ISL_1177568, EPI_ISL_1177581, EPI_ISL_1177582, EPI_ISL_1177583, EPI_ISL_1177584, EPI_ISL_1177586, EPI_ISL_1177589, EPI_ISL_1177591, EPI_ISL_1177594, EPI_ISL_1177595, EPI_ISL_1177596, EPI_ISL_1177597, EPI_ISL_1177598, EPI_ISL_1177599, EPI_ISL_1177600, EPI_ISL_1177601, EPI_ISL_1177602, EPI_ISL_1177603, EPI_ISL_1177604, EPI_ISL_1177605, EPI_ISL_1177623, EPI_ISL_1177624, EPI_ISL_1177625, EPI_ISL_1177626, EPI_ISL_1177630, EPI_ISL_1177631, EPI_ISL_1177634, EPI_ISL_1177635	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	
see above	University of Birmingham	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_1177647, EPI_ISL_1177649, EPI_ISL_1177666	Department of Pathology, University of Cambridge	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_1177688	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1177693, EPI_ISL_1177694, EPI_ISL_1177695, EPI_ISL_1177696, EPI_ISL_1177697, EPI_ISL_1177698, EPI_ISL_1177699, EPI_ISL_1177700, EPI_ISL_1177701, EPI_ISL_1177702, EPI_ISL_1177736, EPI_ISL_1177737, EPI_ISL_1177738	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_1177772, EPI_ISL_1177779, EPI_ISL_1177780, EPI_ISL_1177781	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_1177786, EPI_ISL_1177788, EPI_ISL_1177791, EPI_ISL_1177793, EPI_ISL_1177797, EPI_ISL_1177801, EPI_ISL_1177802, EPI_ISL_1177803	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, Joeseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1177926, EPI_ISL_1177927, EPI_ISL_1177928, EPI_ISL_1177930, EPI_ISL_1177931, EPI_ISL_1177933, EPI_ISL_1177934, EPI_ISL_1177935, EPI_ISL_1177936, EPI_ISL_1177937, EPI_ISL_1177939, EPI_ISL_1177940, EPI_ISL_1177942, EPI_ISL_1177943, EPI_ISL_1177944, EPI_ISL_1177945, EPI_ISL_1177948, EPI_ISL_1177949, EPI_ISL_1177958, EPI_ISL_1177959, EPI_ISL_1177960, EPI_ISL_1177961, EPI_ISL_1177962, EPI_ISL_1177963, EPI_ISL_1177964, EPI_ISL_1177965, EPI_ISL_1177966, EPI_ISL_1177967, EPI_ISL_1177968, EPI_ISL_1177969, EPI_ISL_1177970, EPI_ISL_1177972	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1178004, EPI_ISL_1178005, EPI_ISL_1178006	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_1178038, EPI_ISL_1178039, EPI_ISL_1178043, EPI_ISL_1178046	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_1178100, EPI_ISL_1178102, EPI_ISL_1178103, EPI_ISL_1178104, EPI_ISL_1178105, EPI_ISL_1178106, EPI_ISL_1178107, EPI_ISL_1178109, EPI_ISL_1178115, EPI_ISL_1178118, EPI_ISL_1178119	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_1178426, EPI_ISL_1178536, EPI_ISL_1178550, EPI_ISL_1178551, EPI_ISL_1178552, EPI_ISL_1178553, EPI_ISL_1178554, EPI_ISL_1178555, EPI_ISL_1178556	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 Devisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1178640, EPI_ISL_1178641, EPI_ISL_1178642, EPI_ISL_1178643, EPI_ISL_1178644, EPI_ISL_1178645, EPI_ISL_1178646, EPI_ISL_1178647, EPI_ISL_1178648, EPI_ISL_1178649, EPI_ISL_1178650, EPI_ISL_1178687, EPI_ISL_1178691, EPI_ISL_1178692	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joeseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1178882, EPI_ISL_1178884, EPI_ISL_1178916, EPI_ISL_1178919, EPI_ISL_1178922, EPI_ISL_1178932, EPI_ISL_1178953, EPI_ISL_1178962, EPI_ISL_1178969, EPI_ISL_1178970, EPI_ISL_1178974, EPI_ISL_1178975, EPI_ISL_1178980, EPI_ISL_1178982, EPI_ISL_1178983, EPI_ISL_1178984, EPI_ISL_1178985, EPI_ISL_1178986, EPI_ISL_1178988, EPI_ISL_1178989, EPI_ISL_1178990, EPI_ISL_1178992, EPI_ISL_1179036, EPI_ISL_1179037, EPI_ISL_1179038, EPI_ISL_1179039, EPI_ISL_1179050, EPI_ISL_1179052, EPI_ISL_1179081, EPI_ISL_1179082, EPI_ISL_1179083, EPI_ISL_1179089, EPI_ISL_1179103, EPI_ISL_1179105,			

EPI_ISL_1179110, EPI_ISL_1179114, EPI_ISL_1179122, EPI_ISL_1179381, EPI_ISL_1179382, EPI_ISL_1179383, EPI_ISL_1179384, EPI_ISL_1179385, EPI_ISL_1179386	see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1179739, EPI_ISL_1179755, EPI_ISL_1179758, EPI_ISL_1179776, EPI_ISL_1179783, EPI_ISL_1179790, EPI_ISL_1179803, EPI_ISL_1179812, EPI_ISL_1179814, EPI_ISL_1179816, EPI_ISL_1179818, EPI_ISL_1179819, EPI_ISL_1179820, EPI_ISL_1179821, EPI_ISL_1179866, EPI_ISL_1179867, EPI_ISL_1179875, EPI_ISL_1179876, EPI_ISL_1179877, EPI_ISL_1179878, EPI_ISL_1179879, EPI_ISL_1179880, EPI_ISL_1179881, EPI_ISL_1179882, EPI_ISL_1179883, EPI_ISL_1179884, EPI_ISL_1179885, EPI_ISL_1179886, EPI_ISL_1179887, EPI_ISL_1179888, EPI_ISL_1179889, EPI_ISL_1179890	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_1180054, EPI_ISL_1180074, EPI_ISL_1180099		Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Agyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1180105, EPI_ISL_1180111		Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford
EPI_ISL_1180222, EPI_ISL_1180224		Althaia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafael Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_1180414		National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1182002, EPI_ISL_1182003		Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1184473, EPI_ISL_1184481, EPI_ISL_1184482, EPI_ISL_1184500		Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodriguez-Grande, Pilar Catalán, Patricia Muñoz, Dario García de Viedma
EPI_ISL_1185844, EPI_ISL_1185845		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_1186120, EPI_ISL_1186124, EPI_ISL_1186125		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_1186131, EPI_ISL_1186132		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_1186144		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_1186147, EPI_ISL_1186148, EPI_ISL_1186149, EPI_ISL_1186150		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_1186155, EPI_ISL_1186156		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_1186173		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_1186178		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, 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_1186479		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_1186861, EPI_ISL_1186864, EPI_ISL_1186872, EPI_ISL_1186882, EPI_ISL_1186890, EPI_ISL_1186891, EPI_ISL_1186896, EPI_ISL_1186898, EPI_ISL_1186899, EPI_ISL_1186911, EPI_ISL_1186929, EPI_ISL_1186941, EPI_ISL_1186968, EPI_ISL_1186970, EPI_ISL_1186976, EPI_ISL_1186978, EPI_ISL_1186979, EPI_ISL_1186982, EPI_ISL_1187023, EPI_ISL_1187025, EPI_ISL_1187026, EPI_ISL_1187034, EPI_ISL_1187044	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_1187066, EPI_ISL_1187092, EPI_ISL_1187104, EPI_ISL_1187115, EPI_ISL_1187127, EPI_ISL_1187148, EPI_ISL_1187161, EPI_ISL_1187170, EPI_ISL_1187188, EPI_ISL_1187195, EPI_ISL_1187199, EPI_ISL_1187214, EPI_ISL_1187227, EPI_ISL_1187229, EPI_ISL_1187239, EPI_ISL_1187251	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_1188650, EPI_ISL_1188682, EPI_ISL_1188687, EPI_ISL_1188690, EPI_ISL_1188692, EPI_ISL_1188709, EPI_ISL_1188714, EPI_ISL_1188721, EPI_ISL_1188730, EPI_ISL_1188747, EPI_ISL_1188751, EPI_ISL_1188760, EPI_ISL_1188771, EPI_ISL_1188781, EPI_ISL_1188787, EPI_ISL_1188795, EPI_ISL_1188800, EPI_ISL_1188803, EPI_ISL_1188822, EPI_ISL_1188824, EPI_ISL_1188830, EPI_ISL_1188831, EPI_ISL_1188835, EPI_ISL_1188840, EPI_ISL_1188850, EPI_ISL_1188871, EPI_ISL_1188875, EPI_ISL_1188886, EPI_ISL_1188887, EPI_ISL_1188891, EPI_ISL_1188892, EPI_ISL_1188911, EPI_ISL_1188954, EPI_ISL_1188970, EPI_ISL_1188976	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_1188984, EPI_ISL_1189009, EPI_ISL_1189213		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_1189241, EPI_ISL_1189520, EPI_ISL_1189521, EPI_ISL_1189524, EPI_ISL_1189526, EPI_ISL_1189539, EPI_ISL_1189540, EPI_ISL_1189557, EPI_ISL_1189564, EPI_ISL_1189565, EPI_ISL_1189568, EPI_ISL_1189570, EPI_ISL_1189581, EPI_ISL_1189589, EPI_ISL_1189592, EPI_ISL_1189596, EPI_ISL_1189612	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_1189613		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_1189624, EPI_ISL_1189626, EPI_ISL_1189641, EPI_ISL_1189646, EPI_ISL_1189654, EPI_ISL_1189666, EPI_ISL_1189674, EPI_ISL_1189676, EPI_ISL_1189681, EPI_ISL_1189696, EPI_ISL_1189705, EPI_ISL_1189719, EPI_ISL_1189722, EPI_ISL_1189729, EPI_ISL_1189742	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_1189746		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_1189747, EPI_ISL_1189752, EPI_ISL_1189754, EPI_ISL_1189761, EPI_ISL_1189764, EPI_ISL_1189766, EPI_ISL_1189767, EPI_ISL_1189769, EPI_ISL_1189773, EPI_ISL_1189803, EPI_ISL_1189817, EPI_ISL_1189830, EPI_ISL_1189831	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_1190394		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK	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

		(COG-UK) Consortium	Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1190506, EPI_ISL_1190527, EPI_ISL_1190541	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_1190553, EPI_ISL_1190554, EPI_ISL_1190555, EPI_ISL_1190556, EPI_ISL_1190557, EPI_ISL_1190558, EPI_ISL_1190559	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_1190583, EPI_ISL_1190586, EPI_ISL_1190595, EPI_ISL_1190596, EPI_ISL_1190609, EPI_ISL_1190625, EPI_ISL_1190634, EPI_ISL_1190651, EPI_ISL_1190657, EPI_ISL_1190665, EPI_ISL_1190682, EPI_ISL_1190686, EPI_ISL_1190689, EPI_ISL_1190690, EPI_ISL_1190698, EPI_ISL_1190717			
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_1190843	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1191056, EPI_ISL_1191064	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Céline Maschietto; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1191764	Laboratory of virology and molecular diagnostics	Laboratory of virology and molecular diagnostics	Kuzmanovska Maja, Boshevska Golubinka, Janchevska Elizabeta
EPI_ISL_1192370, EPI_ISL_1192371	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1194867, EPI_ISL_1194869, EPI_ISL_1194871, EPI_ISL_1194892, EPI_ISL_1194894, EPI_ISL_1194899, EPI_ISL_1194903, EPI_ISL_1194911, EPI_ISL_1194915, EPI_ISL_1194918, EPI_ISL_1194919, EPI_ISL_1194925, EPI_ISL_1194929, EPI_ISL_1194931, EPI_ISL_1194939, EPI_ISL_1194941, EPI_ISL_1194952, EPI_ISL_1194953, EPI_ISL_1194957, EPI_ISL_1194969, EPI_ISL_1194970, EPI_ISL_1194973, EPI_ISL_1194974, EPI_ISL_1194976, EPI_ISL_1194977, EPI_ISL_1194996, EPI_ISL_1195000, EPI_ISL_1195001, EPI_ISL_1195002, EPI_ISL_1195004, EPI_ISL_1195007, EPI_ISL_1195010, EPI_ISL_1195015, EPI_ISL_1195018, EPI_ISL_1195020, EPI_ISL_1195022, EPI_ISL_1195024, EPI_ISL_1195026, EPI_ISL_1195028, EPI_ISL_1195029, EPI_ISL_1195030, EPI_ISL_1195033, EPI_ISL_1195037, EPI_ISL_1195040, EPI_ISL_1195041, EPI_ISL_1195042, EPI_ISL_1195043, EPI_ISL_1195045, EPI_ISL_1195048, EPI_ISL_1195056, EPI_ISL_1195060, EPI_ISL_1195062, EPI_ISL_1195063, EPI_ISL_1195064, EPI_ISL_1195065, EPI_ISL_1195066, EPI_ISL_1195069, EPI_ISL_1195070, EPI_ISL_1195073, EPI_ISL_1195083, EPI_ISL_1195084, EPI_ISL_1195085, EPI_ISL_1195086, EPI_ISL_1195087, EPI_ISL_1195088, EPI_ISL_1195089, EPI_ISL_1195090, EPI_ISL_1195091, EPI_ISL_1195094, EPI_ISL_1195095, EPI_ISL_1195096, EPI_ISL_1195102, EPI_ISL_1195121, EPI_ISL_1195124, EPI_ISL_1195125, EPI_ISL_1195132, EPI_ISL_1195133, EPI_ISL_1195134, EPI_ISL_1195135, EPI_ISL_1195136, EPI_ISL_1195137, EPI_ISL_1195141, EPI_ISL_1195143, EPI_ISL_1195144, EPI_ISL_1195149, EPI_ISL_1195150, EPI_ISL_1195151, EPI_ISL_1195155, EPI_ISL_1195156, EPI_ISL_1195160, EPI_ISL_1195168, EPI_ISL_1195171, EPI_ISL_1195172, EPI_ISL_1195183, EPI_ISL_1195187, EPI_ISL_1195190			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermatzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1195212	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_1195764, EPI_ISL_1195771, EPI_ISL_1195772, EPI_ISL_1195816, EPI_ISL_1195818	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_1195950	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, MR Capobianchi, A Di Caro
EPI_ISL_1195951	Laboratorio Genzano - ASL RM 9	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, G Tramini, E Conti, MR Capobianchi, A Di Caro
EPI_ISL_1195952	Laboratorio Genzano - ASL RM 10	INMI Lazzaro Spallanzani IRCCS	M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, G Tramini, E Conti, A Di Caro, MR Capobianchi
EPI_ISL_1195953	Ospedale "F. Spaziani" Frosinone	INMI Lazzaro Spallanzani IRCCS	O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, R Pulselli, C Gargiulo, C Sias, MR Capobianchi, A Di Caro
EPI_ISL_1197037	Laboratoire de virologie clinique - Institut Pasteur de Tunis	1-Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital; 2-University of Tunis ElManar, Faculty of Medicine of Tunis, LR99ES09, Tunis, Tunisia	Sameh Trabelsi, Nissaf Ben Alaya, Mouna Ben Sassi, Sana Ferjani, Mouna Safer, Salma Abid, Fares Wasfi, Mariem Gdoura, Sondes Haddad, Anissa Chouikha, Roua Ben Othman, Sara Chammam, Ines Mdini, Manel Ben Sassi, Imen Kacem, Maher Kharat, Alia BenKahla, Jalila Ben Khellil, Riadh Daghfous, Riadh Gouider, Henda Triki, Ilhem Boutiba-Ben Boubaker.
EPI_ISL_1197061	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1198003	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1198815, EPI_ISL_1198818	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_1198824	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, Makoto Kuroda
EPI_ISL_1200629	Plateforme de testing Namuroise	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1200655	AIDS Vaccine Research Laboratories	AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, AVRIL et al.
EPI_ISL_1200908	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201016, EPI_ISL_1201017, EPI_ISL_1201018, EPI_ISL_1201019, EPI_ISL_1201020	Teaching Institute of Public Health of Split-Dalmatia County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201547, EPI_ISL_1201550	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_1205199	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1206296, EPI_ISL_1206297, EPI_ISL_1206309, EPI_ISL_1206311, EPI_ISL_1206316, EPI_ISL_1206343, EPI_ISL_1206346, EPI_ISL_1206352, EPI_ISL_1206354, EPI_ISL_1206373, EPI_ISL_1206393, EPI_ISL_1206397, EPI_ISL_1206401, EPI_ISL_1206403, EPI_ISL_1206426, EPI_ISL_1206430, EPI_ISL_1206431, EPI_ISL_1206439, EPI_ISL_1206440, EPI_ISL_1206449, EPI_ISL_1206464, EPI_ISL_1206465, EPI_ISL_1206496			
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_1206553, EPI_ISL_1206581, EPI_ISL_1206598, EPI_ISL_1206620, EPI_ISL_1206668, EPI_ISL_1206786, EPI_ISL_1206794, EPI_ISL_1206999, EPI_ISL_1207052, EPI_ISL_1207081, EPI_ISL_1207123, EPI_ISL_1207623, EPI_ISL_1207659			
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_1208041	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_1208358, EPI_ISL_1208362	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_1208381	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_1208502, EPI_ISL_1208519, EPI_ISL_1208534, EPI_ISL_1208549, EPI_ISL_1208564, EPI_ISL_1208766, EPI_ISL_1208768, EPI_ISL_1208798, EPI_ISL_1208811, EPI_ISL_1208818, EPI_ISL_1208830, EPI_ISL_1208881, EPI_ISL_1208883, EPI_ISL_1208920, EPI_ISL_1208921			

see above	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria 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 Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1209273, EPI_ISL_1209274, EPI_ISL_1209276, EPI_ISL_1209277	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1209335, EPI_ISL_1209336, EPI_ISL_1209341, EPI_ISL_1209344, EPI_ISL_1209350, EPI_ISL_1209352, EPI_ISL_1209369	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_1210497	San Gallicano Dermatological Institute I.F.O.	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, F Pimpinelli, F Ensoli, E Trento, A Di Caro, MR Capobianchi
EPI_ISL_1210612, EPI_ISL_1210617, EPI_ISL_1210620, EPI_ISL_1210626, EPI_ISL_1210630	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1210728, EPI_ISL_1210729, EPI_ISL_1210732, EPI_ISL_1210735, EPI_ISL_1210736, EPI_ISL_1210739, EPI_ISL_1210744, EPI_ISL_1210745, EPI_ISL_1210749, EPI_ISL_1210751, EPI_ISL_1210753, EPI_ISL_1210754, EPI_ISL_1210758, EPI_ISL_1210760, EPI_ISL_1210762, EPI_ISL_1210763, EPI_ISL_1210764, EPI_ISL_1210765, EPI_ISL_1210767			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1210776, EPI_ISL_1210781, EPI_ISL_1210799, EPI_ISL_1210813	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1210816	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210819	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1210821, EPI_ISL_1210825, EPI_ISL_1210826, EPI_ISL_1210828, EPI_ISL_1210833, EPI_ISL_1210839, EPI_ISL_1210844, EPI_ISL_1210847, EPI_ISL_1210848, EPI_ISL_1210852, EPI_ISL_1210855, EPI_ISL_1210856			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210860	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1210870, EPI_ISL_1210871, EPI_ISL_1210877	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210879	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1210887, EPI_ISL_1210893, EPI_ISL_1210898, EPI_ISL_1210904	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210908	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1210910	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210911	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1210912, EPI_ISL_1210913, EPI_ISL_1210916, EPI_ISL_1210919, EPI_ISL_1210921, EPI_ISL_1210922, EPI_ISL_1210924, EPI_ISL_1210925, EPI_ISL_1210926, EPI_ISL_1210928, EPI_ISL_1210931, EPI_ISL_1210934, EPI_ISL_1210937, EPI_ISL_1210938, EPI_ISL_1210940, EPI_ISL_1210941, EPI_ISL_1210943, EPI_ISL_1210946, EPI_ISL_1210948			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210952	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1210956	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1210959, EPI_ISL_1210962, EPI_ISL_1210969	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210974	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1210975	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210983	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1210992, EPI_ISL_1211000, EPI_ISL_1211002, EPI_ISL_1211007, EPI_ISL_1211012, EPI_ISL_1211018, EPI_ISL_1211022, EPI_ISL_1211024, EPI_ISL_1211026, EPI_ISL_1211042, EPI_ISL_1211043, EPI_ISL_1211045, EPI_ISL_1211046, EPI_ISL_1211048, EPI_ISL_1211051, EPI_ISL_1211052, EPI_ISL_1211055, EPI_ISL_1211057, EPI_ISL_1211061, EPI_ISL_1211062, EPI_ISL_1211069			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211081	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211084, EPI_ISL_1211085	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211089	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211095	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211096, EPI_ISL_1211100	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211106	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211130	Gesundheitszentrum Brandenburg an der Havel GmbH bzw. Institut für Laboratoriumsmedizin Brandenburg an der Havel	Robert Koch Institute	unknown
EPI_ISL_1211131	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211137	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211144	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211160	Sonic - Labor Lademannbogen MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1211168	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1211191	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211197	Gesundheitszentrum Brandenburg an der Havel GmbH bzw. Institut für Laboratoriumsmedizin Brandenburg an der Havel	Robert Koch Institute	unknown
EPI_ISL_1211199, EPI_ISL_1211202, EPI_ISL_1211211, EPI_ISL_1211214, EPI_ISL_1211226	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211227	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211230	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1211238	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211255	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211263	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211265	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1211279	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211299	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1211300, EPI_ISL_1211307	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211308, EPI_ISL_1211310	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211330	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211345	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211348, EPI_ISL_1211349	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211359, EPI_ISL_1211368, EPI_ISL_1211375, EPI_ISL_1211382	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211401, EPI_ISL_1211406	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211408	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1211417, EPI_ISL_1211418, EPI_ISL_1211425	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1211885, EPI_ISL_1211886	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1211938, EPI_ISL_1211942	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1212021, EPI_ISL_1212025, EPI_ISL_1212034	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1212331, EPI_ISL_1212341, EPI_ISL_1212359	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1212504	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212553, EPI_ISL_1212579, EPI_ISL_1212699, EPI_ISL_1212716, EPI_ISL_1212720, EPI_ISL_1212723, EPI_ISL_1212745	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1212785	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212795, EPI_ISL_1212807, EPI_ISL_1212849	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1212861	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212874, EPI_ISL_1212876, EPI_ISL_1212877, EPI_ISL_1212884, EPI_ISL_1212888, EPI_ISL_1212892, EPI_ISL_1212899, EPI_ISL_1212900, EPI_ISL_1212901, EPI_ISL_1212904, EPI_ISL_1212905, EPI_ISL_1212906			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1213290	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1213323	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1213368	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1213373, EPI_ISL_1213391, EPI_ISL_1213403, EPI_ISL_1213407, EPI_ISL_1213430, EPI_ISL_1213468, EPI_ISL_1213479	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1213550	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1213623, EPI_ISL_1213631, EPI_ISL_1213644, EPI_ISL_1213663, EPI_ISL_1213681, EPI_ISL_1213686	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1213693	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1213696, EPI_ISL_1213701, EPI_ISL_1213736	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1213774	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1213905, EPI_ISL_1213920, EPI_ISL_1213958, EPI_ISL_1213962	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1214544	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1214550, EPI_ISL_1214552, EPI_ISL_1214553, EPI_ISL_1214588, EPI_ISL_1214833, EPI_ISL_1214946, EPI_ISL_1214948, EPI_ISL_1214965, EPI_ISL_1214983, EPI_ISL_1215026, EPI_ISL_1215078, EPI_ISL_1215219, EPI_ISL_1215386, EPI_ISL_1215424			
see above	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Brezmes-Valdivieso, Gregoria 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_1215569	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215609, EPI_ISL_1215616, EPI_ISL_1215620, EPI_ISL_1215624	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1215743	Limbach - MVZ Labor Ludwigsburg	Robert Koch Institute	unknown
EPI_ISL_1215769, EPI_ISL_1215798	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1216153	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1216233	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1216335	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1216350	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_1216475	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1216526	Sonic - Labor Lademannbogen MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1216580	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1216588	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1216610, EPI_ISL_1216616	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1216619	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1216654	Sonic - Labor Lademannbogen MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1216679, EPI_ISL_1216680, EPI_ISL_1216688	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1216704	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1216725	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1216788	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1216793	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1216807	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1216911	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1216915	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1216919, EPI_ISL_1216944, EPI_ISL_1216948	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1216950	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1216951, EPI_ISL_1216954, EPI_ISL_1216958, EPI_ISL_1216968, EPI_ISL_1216991, EPI_ISL_1216995	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1217012, EPI_ISL_1217014	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1217056	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1217060, EPI_ISL_1217062	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1217097	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1217098	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1217203	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1217365	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1217377	San Gallicano Dermatological Institute I.F.O.	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, F Pimpinelli, F Ensoli, M Pontone, A Di Caro, MR Capobianchi
EPI_ISL_1217380	Laboratorio Genzano - ASL RM 8	INMI Lazzaro Spallanzani IRCCS	O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, G Tramini, E Conti, MR Capobianchi, A Di Caro
EPI_ISL_1217388	Laboratorio Genzano - ASL RM 6	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, O Butera, G Tramini, E Conti, MR Capobianchi, A Di Caro
EPI_ISL_1217408	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1217989, EPI_ISL_1218014, EPI_ISL_1218022, EPI_ISL_1218025, EPI_ISL_1218058, EPI_ISL_1218065, EPI_ISL_1218102, EPI_ISL_1218104, EPI_ISL_1218105	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218106	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1218776, EPI_ISL_1219000, EPI_ISL_1219001	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219009	Platform BIS UZA/UAntwerpen (PLBIS)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1219504, EPI_ISL_1219505, EPI_ISL_1219507, EPI_ISL_1219508, EPI_ISL_1219509, EPI_ISL_1219510	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 Ansons, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219578	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 Ansons, Davids Fridmanis, Reinis Zeltmatiss, Diana Dusacka, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219634, EPI_ISL_1219636, EPI_ISL_1219639, EPI_ISL_1219640, EPI_ISL_1219642, EPI_ISL_1219646	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 Ansons, Davids Fridmanis, Irena Meistere, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219748, EPI_ISL_1219751, EPI_ISL_1219753, EPI_ISL_1219754, EPI_ISL_1219763, EPI_ISL_1219767, EPI_ISL_1219769, EPI_ISL_1219772, EPI_ISL_1219775, EPI_ISL_1219776, EPI_ISL_1219778, EPI_ISL_1219786, EPI_ISL_1219792			
see above	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_1220885	Vilnius University Hospital Santaros Klinikos	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraitė, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1222695	Northwest Laboratories	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 Gautam, 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_1222787, EPI_ISL_1222788, EPI_ISL_1222790, EPI_ISL_1222792, EPI_ISL_1222793, EPI_ISL_1222796, EPI_ISL_1222799, EPI_ISL_1222800, EPI_ISL_1222801, EPI_ISL_1222802, EPI_ISL_1222803, EPI_ISL_1222804, EPI_ISL_1222811, EPI_ISL_1222812, EPI_ISL_1222816, EPI_ISL_1222831, EPI_ISL_1222832, EPI_ISL_1222833, EPI_ISL_1222835, EPI_ISL_1222836, EPI_ISL_1222837, EPI_ISL_1222838, EPI_ISL_1222868, EPI_ISL_1222869			

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_1224555, EPI_ISL_1224619, EPI_ISL_1224629, EPI_ISL_1224630, EPI_ISL_1224638, EPI_ISL_1224646, EPI_ISL_1224650, EPI_ISL_1224664, EPI_ISL_1224675, EPI_ISL_1224696	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_1224912	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_1225163, EPI_ISL_1225164, EPI_ISL_1225166, EPI_ISL_1225167, EPI_ISL_1225168, EPI_ISL_1225169, EPI_ISL_1225183	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225234	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225587, EPI_ISL_1225592, EPI_ISL_1225596, EPI_ISL_1225598	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_1225599	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_1225601	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_1225605	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_1225610	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_1225614	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_1225621, EPI_ISL_1225624	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_1225634, EPI_ISL_1225635, EPI_ISL_1225636, EPI_ISL_1225637, EPI_ISL_1225638, EPI_ISL_1225639, EPI_ISL_1225641, EPI_ISL_1225642, EPI_ISL_1225643, EPI_ISL_1225644, EPI_ISL_1225645, EPI_ISL_1225646	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_1225648	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_1225656, EPI_ISL_1225657	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_1225660, EPI_ISL_1225665, EPI_ISL_1225673, EPI_ISL_1225681, EPI_ISL_1225690, EPI_ISL_1225697, EPI_ISL_1225702, EPI_ISL_1225708	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_1225717, EPI_ISL_1225718, EPI_ISL_1225723	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_1225724, EPI_ISL_1225725	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_1226449	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_1226458, EPI_ISL_1226488, EPI_ISL_1226499	KALEIDA CENTER FOR LABORATORY MEDICINE	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_1226534, EPI_ISL_1226535, EPI_ISL_1226536	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_1226538, EPI_ISL_1226539	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_1226541, EPI_ISL_1226542	KALEIDA CENTER FOR LABORATORY MEDICINE	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_1226567, EPI_ISL_1226575	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_1226576	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226585, EPI_ISL_1226592, EPI_ISL_1226603	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_1226612, EPI_ISL_1226613, EPI_ISL_1226614	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226618, EPI_ISL_1226619, EPI_ISL_1226628, EPI_ISL_1226653, EPI_ISL_1226670	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_1228691	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_1231944	A05 diagnostics	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1231948	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1232243, EPI_ISL_1232247, EPI_ISL_1232248, EPI_ISL_1232250, EPI_ISL_1232254, EPI_ISL_1232258, EPI_ISL_1232259, EPI_ISL_1232262, EPI_ISL_1232263, EPI_ISL_1232266, EPI_ISL_1232270, EPI_ISL_1232271, EPI_ISL_1232274, EPI_ISL_1232275, EPI_ISL_1232278, EPI_ISL_1232282, EPI_ISL_1232285, EPI_ISL_1232287, EPI_ISL_1232289, EPI_ISL_1232293, EPI_ISL_1232297, EPI_ISL_1232304, EPI_ISL_1232308, EPI_ISL_1232320, EPI_ISL_1232323, EPI_ISL_1232324, EPI_ISL_1232327, EPI_ISL_1232328, EPI_ISL_1232331, EPI_ISL_1232337, EPI_ISL_1232348, EPI_ISL_1232353, EPI_ISL_1232358, EPI_ISL_1232359,			

EPI_ISL_1232363, EPI_ISL_1232368, EPI_ISL_1232369, EPI_ISL_1232374, EPI_ISL_1232378, EPI_ISL_1232380, EPI_ISL_1232381, EPI_ISL_1232388, EPI_ISL_1232389, EPI_ISL_1232390, EPI_ISL_1232391, EPI_ISL_1232400, EPI_ISL_1232405, EPI_ISL_1232406, EPI_ISL_1232416, EPI_ISL_1232423, EPI_ISL_1232428, EPI_ISL_1232434, EPI_ISL_1232449, EPI_ISL_1232457, EPI_ISL_1232460, EPI_ISL_1232465, EPI_ISL_1232497, EPI_ISL_1232500, EPI_ISL_1232507, EPI_ISL_1232521, EPI_ISL_1232522, EPI_ISL_1232526, EPI_ISL_1232531, EPI_ISL_1232534, EPI_ISL_1232539, EPI_ISL_1232540, EPI_ISL_1232544, EPI_ISL_1232556, EPI_ISL_1232557, EPI_ISL_1232575, EPI_ISL_1232585, EPI_ISL_1232595, EPI_ISL_1232599, EPI_ISL_1232611, EPI_ISL_1232618, EPI_ISL_1232619, EPI_ISL_1232623, EPI_ISL_1232642, EPI_ISL_1232652, EPI_ISL_1232667, EPI_ISL_1232680, EPI_ISL_1232682, EPI_ISL_1232718, EPI_ISL_1232767, EPI_ISL_1232769, EPI_ISL_1232773, EPI_ISL_1232778, EPI_ISL_1232784, EPI_ISL_1232798, EPI_ISL_1232804, EPI_ISL_1232813, EPI_ISL_1232819, EPI_ISL_1232825, EPI_ISL_1232826, EPI_ISL_1232829, EPI_ISL_1232834, EPI_ISL_1232844, EPI_ISL_1232851, EPI_ISL_1232854, EPI_ISL_1232855, EPI_ISL_1232858, EPI_ISL_1232859, EPI_ISL_1232861, EPI_ISL_1232867, EPI_ISL_1232871, EPI_ISL_1232875, EPI_ISL_1232876, EPI_ISL_1232878, EPI_ISL_1232880, EPI_ISL_1232886, EPI_ISL_1232887, EPI_ISL_1232947, EPI_ISL_1232982, EPI_ISL_1232983, EPI_ISL_1233006	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_1233327, EPI_ISL_1233342		Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1233734, EPI_ISL_1233791, EPI_ISL_1233799, EPI_ISL_1233813, EPI_ISL_1233814		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_1234128, EPI_ISL_1234133		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_1234386		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1234450		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1236934, EPI_ISL_1236954, EPI_ISL_1236966, EPI_ISL_1236968, EPI_ISL_1236969, EPI_ISL_1236973, EPI_ISL_1236977, EPI_ISL_1236992, EPI_ISL_1236993, EPI_ISL_1236997, EPI_ISL_1236998, EPI_ISL_1237000, EPI_ISL_1237002, EPI_ISL_1237004, EPI_ISL_1237008, EPI_ISL_1237098, EPI_ISL_1237110, EPI_ISL_1237113, EPI_ISL_1237114, EPI_ISL_1237117, EPI_ISL_1237127, EPI_ISL_1237130, EPI_ISL_1237134, EPI_ISL_1237136, EPI_ISL_1237137, EPI_ISL_1237138, EPI_ISL_1237153, EPI_ISL_1237159, EPI_ISL_1237165, EPI_ISL_1237166, EPI_ISL_1237174, EPI_ISL_1237175, EPI_ISL_1237180, EPI_ISL_1237184, EPI_ISL_1237187, EPI_ISL_1237189, EPI_ISL_1237190, EPI_ISL_1237191, EPI_ISL_1237194, EPI_ISL_1237197, EPI_ISL_1237199, EPI_ISL_1237200				
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_1238903, EPI_ISL_1238914, EPI_ISL_1238937		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_1239184		Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1239379, EPI_ISL_1239383		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239387, EPI_ISL_1239391		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239397		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239403		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239415		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 Boršová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239417		Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_1239536		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_1239537		Centrum Medycyny Klinicznej i Estetycznej DiMedical Sp. z o.o.	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_1239545		Uniwersytecki Szpital Kliniczny nr 1 im. Barlickiego w odzi	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_1239548, EPI_ISL_1239553		Lab. Biologii molekularnej USK	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_1239572		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_1239574		Wojewódzki Specjalistyczny Szpital im. dr W. Biegaskiego	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_1239575, EPI_ISL_1239576, EPI_ISL_1239577, EPI_ISL_1239578		Centrum Medycyny Klinicznej i Estetycznej DiMedical Sp. z o.o.	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_1239579		Wojewódzki Specjalistyczny Szpital im. dr W. Biegaskiego	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_1239580, EPI_ISL_1239581		Centrum Medycyny Klinicznej i Estetycznej DiMedical Sp. z o.o.	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_1239584		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_1239587, EPI_ISL_1239588, EPI_ISL_1239589, EPI_ISL_1239590		Lab. Biologii molekularnej USK	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_1239592		Cell-T Sp. z o.o.	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_1239594		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_1239599		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_1239608		Pracownia Biologii Molekularnej Laboratorium Centralne SPZOZ w Krotoszynie	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_1239609, EPI_ISL_1239610, EPI_ISL_1239611, EPI_ISL_1239612		GenXOne SA	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_1239616, EPI_ISL_1239617		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_1239618, EPI_ISL_1239619,		Laboratorium Epidemiologii WSSE w Szczecinie	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_1239620		Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	COVID-19 WGS support team
EPI_ISL_1239630	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_1239631	Centrum Medycyny Klinicznej i Estetycznej DiMedical Sp. z o.o.	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_1239658, EPI_ISL_1239659, EPI_ISL_1239660	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_1239664	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_1239665, EPI_ISL_1239666, EPI_ISL_1239667, EPI_ISL_1239668, EPI_ISL_1239669, EPI_ISL_1239670, EPI_ISL_1239671	Lab. Biologii molekularnej USK	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_1239672	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_1239681, EPI_ISL_1239682, EPI_ISL_1239683, EPI_ISL_1239684	Pracownia Biologii Molekularnej Laboratorium Centralne SPZOZ w Krotoszynie	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_1239692	Wojewódzki Specjalistyczny Szpital im. dr W. Biegaskiego	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_1239696, EPI_ISL_1239697	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_1240316, EPI_ISL_1240317, EPI_ISL_1240318, EPI_ISL_1240613	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_1240790	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D., Song,X.
EPI_ISL_1240897	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1242020	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_1242075, EPI_ISL_1242083, EPI_ISL_1242118, EPI_ISL_1242127, EPI_ISL_1242134, EPI_ISL_1242171, EPI_ISL_1242183, EPI_ISL_1242192, EPI_ISL_1242207, EPI_ISL_1242224, EPI_ISL_1242265, EPI_ISL_1242267, EPI_ISL_1242274, EPI_ISL_1242277, EPI_ISL_1242279	see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1242379	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_1242451	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	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_1242487, EPI_ISL_1242501, EPI_ISL_1242517, EPI_ISL_1242529, EPI_ISL_1242561, EPI_ISL_1242563, EPI_ISL_1242570, EPI_ISL_1242574, EPI_ISL_1242591, EPI_ISL_1242606, EPI_ISL_1242633, EPI_ISL_1242635, EPI_ISL_1242636, EPI_ISL_1242645, EPI_ISL_1242661, EPI_ISL_1242668, EPI_ISL_1242680, EPI_ISL_1242686, EPI_ISL_1242693, EPI_ISL_1242720, EPI_ISL_1242740, EPI_ISL_1242773, EPI_ISL_1242792, EPI_ISL_1242805, EPI_ISL_1242813	see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1244864, EPI_ISL_1244888, EPI_ISL_1244892, EPI_ISL_1244924, EPI_ISL_1244984, EPI_ISL_1246203, EPI_ISL_1246208, EPI_ISL_1246210, EPI_ISL_1246211, EPI_ISL_1246226, EPI_ISL_1246231, EPI_ISL_1246232, EPI_ISL_1246260, EPI_ISL_1246266, EPI_ISL_1246267, EPI_ISL_1246285	see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1247045, EPI_ISL_1247048, EPI_ISL_1247052, EPI_ISL_1247053, EPI_ISL_1247055, EPI_ISL_1247073, EPI_ISL_1247075, EPI_ISL_1247077, EPI_ISL_1247078, EPI_ISL_1247082, EPI_ISL_1247087, EPI_ISL_1247095, EPI_ISL_1247096, EPI_ISL_1247102, EPI_ISL_1247104	see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1247120, EPI_ISL_1247122, EPI_ISL_1247127, EPI_ISL_1247131, EPI_ISL_1247134, EPI_ISL_1247138, EPI_ISL_1247141, EPI_ISL_1247148, EPI_ISL_1247151, EPI_ISL_1247155, EPI_ISL_1247157, EPI_ISL_1247158, EPI_ISL_1247160, EPI_ISL_1247164, EPI_ISL_1247170, EPI_ISL_1247171, EPI_ISL_1247175, EPI_ISL_1247181, EPI_ISL_1247185, EPI_ISL_1247198, EPI_ISL_1247199, EPI_ISL_1247232, EPI_ISL_1247241, EPI_ISL_1247246, EPI_ISL_1247262, EPI_ISL_1247263, EPI_ISL_1247278, EPI_ISL_1247279	see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1247441, EPI_ISL_1247442, EPI_ISL_1247492, EPI_ISL_1247494, EPI_ISL_1247501, EPI_ISL_1247507, EPI_ISL_1247513, EPI_ISL_1247514, EPI_ISL_1247520, EPI_ISL_1247522, EPI_ISL_1247523	see above	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1247600, EPI_ISL_1247601	Department of Pathology, University of Cambridge	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_1247634, EPI_ISL_1247639, EPI_ISL_1247641, EPI_ISL_1247642, EPI_ISL_1247643, EPI_ISL_1247644, EPI_ISL_1247646, EPI_ISL_1247647, EPI_ISL_1247648, EPI_ISL_1247649, EPI_ISL_1247650, EPI_ISL_1247651, EPI_ISL_1247653, EPI_ISL_1247656	see above	West of Scotland Specialist Virology Centre, NHSGCC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1247703, EPI_ISL_1247704, EPI_ISL_1247705, EPI_ISL_1247706, EPI_ISL_1247711, EPI_ISL_1247713, EPI_ISL_1247714, EPI_ISL_1247717, EPI_ISL_1247718	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_1247889, EPI_ISL_1247891, EPI_ISL_1247893, EPI_ISL_1247912, EPI_ISL_1247914, EPI_ISL_1247919	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada,

			PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1247947	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_1247993, EPI_ISL_1248282	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_1248463, EPI_ISL_1248469, EPI_ISL_1248471, EPI_ISL_1248474, EPI_ISL_1248478, EPI_ISL_1248481, EPI_ISL_1248484, EPI_ISL_1248492	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_1248502, EPI_ISL_1248506, EPI_ISL_1248507, EPI_ISL_1248508, EPI_ISL_1248509, EPI_ISL_1248510, EPI_ISL_1248511, EPI_ISL_1248512, EPI_ISL_1248532	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_1248585, EPI_ISL_1248593, EPI_ISL_1248604, EPI_ISL_1248605, EPI_ISL_1248606, EPI_ISL_1248620, EPI_ISL_1248621, EPI_ISL_1248633, EPI_ISL_1248647, EPI_ISL_1248652, EPI_ISL_1248660, EPI_ISL_1248674			
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_1248678, EPI_ISL_1248682, EPI_ISL_1248689, EPI_ISL_1248691, EPI_ISL_1248696, EPI_ISL_1248700, EPI_ISL_1248702, EPI_ISL_1248705, EPI_ISL_1248725	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Timothy Byaruhanga, Jayasree Dey, Emily Park, Jack Hill, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1248738, EPI_ISL_1248746, EPI_ISL_1248755, EPI_ISL_1248762, EPI_ISL_1248771, EPI_ISL_1248772, EPI_ISL_1248800	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_1248815	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1248872, EPI_ISL_1248873, EPI_ISL_1248875	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_1249163, EPI_ISL_1249164, EPI_ISL_1249195, EPI_ISL_1249196, EPI_ISL_1249198, EPI_ISL_1249203, EPI_ISL_1249204, EPI_ISL_1249205, EPI_ISL_1249208	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1249287, EPI_ISL_1249289, EPI_ISL_1249290	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1249293	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_1249979, EPI_ISL_1249981, EPI_ISL_1249984, EPI_ISL_1249985	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_1249986	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_1249987, EPI_ISL_1249989	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_1249990	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_1249991, EPI_ISL_1250020, EPI_ISL_1250021, EPI_ISL_1250022, EPI_ISL_1250023, EPI_ISL_1250024, EPI_ISL_1250025, EPI_ISL_1250028, EPI_ISL_1250030	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_1250251, EPI_ISL_1250252, EPI_ISL_1250255, EPI_ISL_1250256, EPI_ISL_1250257	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_1250323, EPI_ISL_1250324, EPI_ISL_1250325, EPI_ISL_1250326, EPI_ISL_1250327, EPI_ISL_1250328, EPI_ISL_1250329, EPI_ISL_1250349, EPI_ISL_1250398, EPI_ISL_1250406, EPI_ISL_1250461, EPI_ISL_1250464, EPI_ISL_1250484, EPI_ISL_1250487, EPI_ISL_1250489, EPI_ISL_1250492, EPI_ISL_1250495, EPI_ISL_1250498, EPI_ISL_1250500, EPI_ISL_1250560, EPI_ISL_1250561, EPI_ISL_1250562, EPI_ISL_1250563, EPI_ISL_1250564, EPI_ISL_1250565, EPI_ISL_1250566, EPI_ISL_1250589, EPI_ISL_1250590, EPI_ISL_1250591, EPI_ISL_1250592, EPI_ISL_1250593, EPI_ISL_1250596			
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_1250634	Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie	Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie	Alice Moisan, Fabienne De Oliveira, Marie Leoz
EPI_ISL_1250635	CHI Elbeuf	Centre Hospitalier Universitaire de Rouen Laboratoire de	Alice Moisan, Fabienne De Oliveira, Marie Leoz

Virologie				
EPI_ISL_1250664, EPI_ISL_1250665, EPI_ISL_1250666, EPI_ISL_1250668, EPI_ISL_1250669, EPI_ISL_1250670, EPI_ISL_1250671, EPI_ISL_1250672, EPI_ISL_1250673, EPI_ISL_1250674, EPI_ISL_1250675, EPI_ISL_1250676, EPI_ISL_1250679, EPI_ISL_1250680, EPI_ISL_1250682, EPI_ISL_1250684, EPI_ISL_1250685	see above	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_1250945, EPI_ISL_1250956, EPI_ISL_1250966, EPI_ISL_1250977, EPI_ISL_1250983	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_1250985	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_1250986	USCA Pescina		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_1250989	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_1250991, EPI_ISL_1250992	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_1250993	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_1250994, EPI_ISL_1250997, EPI_ISL_1250998	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_1251000	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_1251001	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_1251004	siesp Chieti		Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251148, EPI_ISL_1251167, EPI_ISL_1251191, EPI_ISL_1251195	Microbiology Department, Laboratori Clinic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.		Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Maria Casadellà, Cristina Casañ, Gemma Clara, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1251252, EPI_ISL_1251254, EPI_ISL_1251255, EPI_ISL_1251256	SC (UCO) Igiene e Sanità Pubblica		ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, Segat L, Piscianz E, D'Agaro P
EPI_ISL_1252053	National Virus Reference Laboratory		National Virus Reference Laboratory	Guerrino Macorì, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1252055, EPI_ISL_1252064, EPI_ISL_1252067	National Virus Reference Laboratory		National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1252071	National Virus Reference Laboratory		National Virus Reference Laboratory	Guerrino Macorì, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1252073, EPI_ISL_1252074, EPI_ISL_1252077, EPI_ISL_1252083, EPI_ISL_1252093, EPI_ISL_1252112, EPI_ISL_1252121, EPI_ISL_1252189, EPI_ISL_1252237	National Virus Reference Laboratory		National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1252239, EPI_ISL_1252240, EPI_ISL_1252242, EPI_ISL_1252243, EPI_ISL_1252244, EPI_ISL_1252245, EPI_ISL_1252246, EPI_ISL_1252247, EPI_ISL_1252248, EPI_ISL_1252251	National Virus Reference Laboratory		National Virus Reference Laboratory	Guerrino Macorì, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1252273	National Virus Reference Laboratory		National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1252276, EPI_ISL_1252277, EPI_ISL_1252280	National Virus Reference Laboratory		National Virus Reference Laboratory	Guerrino Macorì, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1252321, EPI_ISL_1252323, EPI_ISL_1252334	National Virus Reference Laboratory		National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1252704, EPI_ISL_1252721, EPI_ISL_1252737	National Food and Veterinary Risk Assessment Institute		Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraitė, Ligita Raugaite, Monika Katenaite, Mindaugas Stokus, Laimonas Griskevicius
EPI_ISL_1252893	National Virus Reference Laboratory		National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1253950, EPI_ISL_1253965, EPI_ISL_1253967, EPI_ISL_1253969	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_1254602	Norwegian Institute of Public Health, Department of Virology		Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254660, EPI_ISL_1254661, EPI_ISL_1254662, EPI_ISL_1254663, EPI_ISL_1254664	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_1254669	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_1254690, EPI_ISL_1254691	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_1256408, EPI_ISL_1256424, EPI_ISL_1256426	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_1256466, EPI_ISL_1256467, EPI_ISL_1256468, EPI_ISL_1256470, EPI_ISL_1256472, EPI_ISL_1256473, EPI_ISL_1256474, EPI_ISL_1256476, EPI_ISL_1256477, EPI_ISL_1256480, EPI_ISL_1256482, EPI_ISL_1256483, EPI_ISL_1256485, EPI_ISL_1256487, EPI_ISL_1256490, EPI_ISL_1256491, EPI_ISL_1256492, EPI_ISL_1256494, EPI_ISL_1256496, EPI_ISL_1256498, EPI_ISL_1256499, EPI_ISL_1256502, EPI_ISL_1256504, EPI_ISL_1256505, EPI_ISL_1256507, EPI_ISL_1256508, EPI_ISL_1256509, EPI_ISL_1256511, EPI_ISL_1256512, EPI_ISL_1256513, EPI_ISL_1256515, EPI_ISL_1256516, EPI_ISL_1256517, EPI_ISL_1256518, EPI_ISL_1256519, EPI_ISL_1256520, EPI_ISL_1256521, EPI_ISL_1256522, EPI_ISL_1256523, EPI_ISL_1256524, EPI_ISL_1256525, EPI_ISL_1256526, EPI_ISL_1256530, EPI_ISL_1256531, EPI_ISL_1256532, EPI_ISL_1256534, EPI_ISL_1256537, EPI_ISL_1256538, EPI_ISL_1256539, EPI_ISL_1256542, EPI_ISL_1256543, EPI_ISL_1256544, EPI_ISL_1256545, EPI_ISL_1256546, EPI_ISL_1256547, EPI_ISL_1256548, EPI_ISL_1256550, EPI_ISL_1256551, EPI_ISL_1256553, EPI_ISL_1256554, EPI_ISL_1256556, EPI_ISL_1256558, EPI_ISL_1256559, EPI_ISL_1256560, EPI_ISL_1256563, EPI_ISL_1256565, EPI_ISL_1256567, EPI_ISL_1256569, EPI_ISL_1256578, EPI_ISL_1256579, EPI_ISL_1256580, EPI_ISL_1256582, EPI_ISL_1256583, EPI_ISL_1256585, EPI_ISL_1256586, EPI_ISL_1256589, EPI_ISL_1256593, EPI_ISL_1256594, EPI_ISL_1256595, EPI_ISL_1256598, EPI_ISL_1256600, EPI_ISL_1256603, EPI_ISL_1256607, EPI_ISL_1256608, EPI_ISL_1256610, EPI_ISL_1256611, EPI_ISL_1256612, EPI_ISL_1256613, EPI_ISL_1256614, EPI_ISL_1256615, EPI_ISL_1256617, EPI_ISL_1256621, EPI_ISL_1256624, EPI_ISL_1256627, EPI_ISL_1256628, EPI_ISL_1256629, EPI_ISL_1256631, EPI_ISL_1256632, EPI_ISL_1256633, EPI_ISL_1256634, EPI_ISL_1256635, EPI_ISL_1256640				

EPI_ISL_1256642, EPI_ISL_1256646, EPI_ISL_1256648, EPI_ISL_1256650, EPI_ISL_1256651, EPI_ISL_1256654, EPI_ISL_1256655, EPI_ISL_1256656, EPI_ISL_1256657, EPI_ISL_1256658, EPI_ISL_1256659, EPI_ISL_1256662, EPI_ISL_1256663, EPI_ISL_1256666, EPI_ISL_1256667, EPI_ISL_1256669, EPI_ISL_1256670, EPI_ISL_1256672, EPI_ISL_1256673, EPI_ISL_1256675, EPI_ISL_1256677, EPI_ISL_1256678	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_1256943, EPI_ISL_1256960, EPI_ISL_1257034		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_1257063, EPI_ISL_1257065, EPI_ISL_1257066, EPI_ISL_1257069, EPI_ISL_1257070, EPI_ISL_1257071, EPI_ISL_1257072, EPI_ISL_1257073, EPI_ISL_1257080, EPI_ISL_1257084, EPI_ISL_1257086, EPI_ISL_1257087, EPI_ISL_1257088, EPI_ISL_1257091, EPI_ISL_1257093, EPI_ISL_1257096, EPI_ISL_1257097, EPI_ISL_1257102, EPI_ISL_1257103, EPI_ISL_1257105, EPI_ISL_1257106, EPI_ISL_1257112, EPI_ISL_1257116, EPI_ISL_1257118, EPI_ISL_1257119, EPI_ISL_1257120, EPI_ISL_1257123, EPI_ISL_1257127, EPI_ISL_1257130, EPI_ISL_1257133, EPI_ISL_1257135, EPI_ISL_1257139, EPI_ISL_1257145, EPI_ISL_1257150, EPI_ISL_1257151, EPI_ISL_1257152, EPI_ISL_1257153, EPI_ISL_1257158, EPI_ISL_1257159, EPI_ISL_1257160, EPI_ISL_1257166, EPI_ISL_1257167, EPI_ISL_1257171, EPI_ISL_1257173, EPI_ISL_1257175, EPI_ISL_1257176, EPI_ISL_1257180, EPI_ISL_1257181, EPI_ISL_1257185, EPI_ISL_1257186, EPI_ISL_1257188, EPI_ISL_1257190, EPI_ISL_1257191, EPI_ISL_1257192, EPI_ISL_1257197, EPI_ISL_1257205, EPI_ISL_1257208, EPI_ISL_1257211, EPI_ISL_1257212, EPI_ISL_1257214, EPI_ISL_1257216, EPI_ISL_1257220, EPI_ISL_1257224, EPI_ISL_1257226, EPI_ISL_1257228, EPI_ISL_1257229, EPI_ISL_1257230, EPI_ISL_1257232, EPI_ISL_1257235, EPI_ISL_1257236, EPI_ISL_1257237, EPI_ISL_1257241, EPI_ISL_1257245, EPI_ISL_1257249, EPI_ISL_1257256, EPI_ISL_1257257, EPI_ISL_1257258, EPI_ISL_1257260, EPI_ISL_1257261, EPI_ISL_1257267, EPI_ISL_1257272, EPI_ISL_1257275, EPI_ISL_1257276, EPI_ISL_1257281, EPI_ISL_1257289, EPI_ISL_1257292, EPI_ISL_1257297, EPI_ISL_1257304, EPI_ISL_1257305, EPI_ISL_1257314, EPI_ISL_1257337, EPI_ISL_1257342, EPI_ISL_1257345, EPI_ISL_1257350, EPI_ISL_1257355, EPI_ISL_1257357, EPI_ISL_1257359, EPI_ISL_1257453	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_1260645, EPI_ISL_1260646, EPI_ISL_1260647		Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1260847, EPI_ISL_1260848		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_1260944, EPI_ISL_1260945		ULSS 7 Pedemontana - Distretto 1	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Luca Tassoni, Ambra Pastori, Edoardo Giussani, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_1261479, EPI_ISL_1261495		COMPLEJO HOSPITALARIO DE NAVARRA	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.Navascues, A
EPI_ISL_1261496, EPI_ISL_1261497		HOSPITAL UNIVERSITARIO VIRGEN DE LA ARRIXACA	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.Moreno, L
EPI_ISL_1262084, EPI_ISL_1262085		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_1262111		HOSPITAL UNIVERSITARIO DE CEUTA	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.Hijano, S.
EPI_ISL_1262123		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_1263903, EPI_ISL_1263991, EPI_ISL_1264059		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_1265016		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_1265336, EPI_ISL_1265340, EPI_ISL_1265351		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_1265649		CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Pognard, Raphaël Germi, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani
EPI_ISL_1265693		MACON	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_1265771		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_1265773		CENTRE HOSPITALIER DE BOURG EN BRESSE	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_1265779, EPI_ISL_1265780, EPI_ISL_1265782, EPI_ISL_1265783, EPI_ISL_1265784		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_1265786		CENTRE HOSPITALIER DE MACON	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_1265800, EPI_ISL_1265801, EPI_ISL_1265802, EPI_ISL_1265803, EPI_ISL_1265804		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_1265807		CENTRE HOSPITALIER ST JOSEPH ST LUC	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_1265810		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_1265816		LAM LXBIO	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_1265829		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_1267218, EPI_ISL_1267220, EPI_ISL_1267221, EPI_ISL_1267223, EPI_ISL_1267224, EPI_ISL_1267225, EPI_ISL_1267227, EPI_ISL_1267228, EPI_ISL_1267230, EPI_ISL_1267231, EPI_ISL_1267233, EPI_ISL_1267236, EPI_ISL_1267237, EPI_ISL_1267239, EPI_ISL_1267240, EPI_ISL_1267242, EPI_ISL_1267243, EPI_ISL_1267245, EPI_ISL_1267246, EPI_ISL_1267248, EPI_ISL_1267249, EPI_ISL_1267251, EPI_ISL_1267252, EPI_ISL_1267255, EPI_ISL_1267257, EPI_ISL_1267258, EPI_ISL_1267260, EPI_ISL_1267261, EPI_ISL_1267263, EPI_ISL_1267264, EPI_ISL_1267266, EPI_ISL_1267267, EPI_ISL_1267269, EPI_ISL_1267270, EPI_ISL_1267272, EPI_ISL_1267273, EPI_ISL_1267275, EPI_ISL_1267276, EPI_ISL_1267278, EPI_ISL_1267279, EPI_ISL_1267281, EPI_ISL_1267282, EPI_ISL_1267284, EPI_ISL_1267285, EPI_ISL_1267287, EPI_ISL_1267288, EPI_ISL_1267289, EPI_ISL_1267291, EPI_ISL_1267293, EPI_ISL_1267296	see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1268650, EPI_ISL_1268651, EPI_ISL_1268703, EPI_ISL_1268705, EPI_ISL_1268707, EPI_ISL_1268709, EPI_ISL_1268711, EPI_ISL_1268713, EPI_ISL_1268715, EPI_ISL_1268717, EPI_ISL_1268719, EPI_ISL_1268721	see above	Hannover Medical School, Institute of Virology	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_1272224		MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1273138, EPI_ISL_1273142, EPI_ISL_1273143, EPI_ISL_1273153, EPI_ISL_1273162, EPI_ISL_1273163, EPI_ISL_1273169, EPI_ISL_1273170, EPI_ISL_1273171, EPI_ISL_1273173		Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevski, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1273829, EPI_ISL_1273830, EPI_ISL_1273831, EPI_ISL_1273832		Centrum Medycyny Klinicznej i Estetycznej DiMedical Sp. z o.o.	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_1273835		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_1273837	Lab. Biologii molekularnej USK	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_1273840	GenXOne SA	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_1275561, EPI_ISL_1275563, EPI_ISL_1275577, EPI_ISL_1275580, EPI_ISL_1275584, EPI_ISL_1275590, EPI_ISL_1275602, EPI_ISL_1275603, EPI_ISL_1275612, EPI_ISL_1275613, EPI_ISL_1275618, EPI_ISL_1275637, EPI_ISL_1275641, EPI_ISL_1275645, EPI_ISL_1275647, EPI_ISL_1275652, EPI_ISL_1275661, EPI_ISL_1275665, EPI_ISL_1275666, EPI_ISL_1275670, EPI_ISL_1275672, EPI_ISL_1275673, EPI_ISL_1275682, EPI_ISL_1275693, EPI_ISL_1275707, EPI_ISL_1275711, EPI_ISL_1275712, EPI_ISL_1275714, EPI_ISL_1275715, EPI_ISL_1275721, EPI_ISL_1275722, EPI_ISL_1275735, EPI_ISL_1275761, EPI_ISL_1275797, EPI_ISL_1275860, EPI_ISL_1275867, EPI_ISL_1275871, EPI_ISL_1275872, EPI_ISL_1275876, EPI_ISL_1275883, EPI_ISL_1275884, EPI_ISL_1275886, EPI_ISL_1275890, EPI_ISL_1275893, EPI_ISL_1275894, EPI_ISL_1275895, EPI_ISL_1275897, EPI_ISL_1275899, EPI_ISL_1275904, EPI_ISL_1275905, EPI_ISL_1275909, EPI_ISL_1275910, EPI_ISL_1275914, EPI_ISL_1275916, EPI_ISL_1275918, EPI_ISL_1275922, EPI_ISL_1275924, EPI_ISL_1275932, EPI_ISL_1275937, EPI_ISL_1275938, EPI_ISL_1275939, EPI_ISL_1275944, EPI_ISL_1275945, EPI_ISL_1275946, EPI_ISL_1275947, EPI_ISL_1275948, EPI_ISL_1275952, EPI_ISL_1275956, EPI_ISL_1275959, EPI_ISL_1275965, EPI_ISL_1275966, EPI_ISL_1275974, EPI_ISL_1275978, EPI_ISL_1275982, EPI_ISL_1275984, EPI_ISL_1275987, EPI_ISL_1275988, EPI_ISL_1275989, EPI_ISL_1275991, EPI_ISL_1275993, EPI_ISL_1275998, EPI_ISL_1275999, EPI_ISL_1275999, EPI_ISL_1276000, EPI_ISL_1276001, EPI_ISL_1276002, EPI_ISL_1276004, EPI_ISL_1276016, EPI_ISL_1276021, EPI_ISL_1276023, EPI_ISL_1276024, EPI_ISL_1276029, EPI_ISL_1276031, EPI_ISL_1276033, EPI_ISL_1276036, EPI_ISL_1276043, EPI_ISL_1276046, EPI_ISL_1276050, EPI_ISL_1276052, EPI_ISL_1276053, EPI_ISL_1276057, EPI_ISL_1276058, EPI_ISL_1276060, EPI_ISL_1276070, EPI_ISL_1276077, EPI_ISL_1276078, EPI_ISL_1276080, EPI_ISL_1276085, EPI_ISL_1276089, EPI_ISL_1276090, EPI_ISL_1276091, EPI_ISL_1276092, EPI_ISL_1276094, EPI_ISL_1276096, EPI_ISL_1276100, EPI_ISL_1276104, EPI_ISL_1276107, EPI_ISL_1276108, EPI_ISL_1276111, EPI_ISL_1276895, EPI_ISL_1276898, EPI_ISL_1276905, EPI_ISL_1276911, EPI_ISL_1276930, EPI_ISL_1276932, EPI_ISL_1276934, EPI_ISL_1276938, EPI_ISL_1276942, EPI_ISL_1276951, EPI_ISL_1276961, EPI_ISL_1276963, EPI_ISL_1276968, EPI_ISL_1276978, EPI_ISL_1276988, EPI_ISL_1277002, EPI_ISL_1277005, EPI_ISL_1277015, EPI_ISL_1277016, EPI_ISL_1277021, EPI_ISL_1277026, EPI_ISL_1277027, EPI_ISL_1277030, EPI_ISL_1277042, EPI_ISL_1277046, EPI_ISL_1277047, EPI_ISL_1277048, EPI_ISL_1277053, EPI_ISL_1277055, EPI_ISL_1277063, EPI_ISL_1277071, EPI_ISL_1277073, EPI_ISL_1277076, EPI_ISL_1277081, EPI_ISL_1277083, EPI_ISL_1277091, EPI_ISL_1277103, EPI_ISL_1277106, EPI_ISL_1277107, EPI_ISL_1277108, EPI_ISL_1277114, EPI_ISL_1277118, EPI_ISL_1277120, EPI_ISL_1277124, EPI_ISL_1277131, EPI_ISL_1277140, EPI_ISL_1277141, EPI_ISL_1277142, EPI_ISL_1277149, EPI_ISL_1277159, EPI_ISL_1277163, EPI_ISL_1277169, EPI_ISL_1277170, EPI_ISL_1277177, EPI_ISL_1277184, EPI_ISL_1277192, EPI_ISL_1277195, EPI_ISL_1277203			
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_1277352, EPI_ISL_1277353, EPI_ISL_1277355, EPI_ISL_1277356, EPI_ISL_1277357, EPI_ISL_1277358, EPI_ISL_1277359, EPI_ISL_1277361, EPI_ISL_1277363, EPI_ISL_1277365, EPI_ISL_1277366, EPI_ISL_1277368, EPI_ISL_1277369, EPI_ISL_1277390, EPI_ISL_1277391, EPI_ISL_1277371, EPI_ISL_1277372, EPI_ISL_1277373, EPI_ISL_1277374, EPI_ISL_1277375, EPI_ISL_1277376, EPI_ISL_1277377, EPI_ISL_1277379, EPI_ISL_1277380, EPI_ISL_1277381, EPI_ISL_1277382, EPI_ISL_1277383, EPI_ISL_1277384, EPI_ISL_1277385, EPI_ISL_1277386, EPI_ISL_1277389, EPI_ISL_1277391, EPI_ISL_1277392, EPI_ISL_1277393, EPI_ISL_1277395, EPI_ISL_1277396, EPI_ISL_1277397, EPI_ISL_1277398, EPI_ISL_1277399, EPI_ISL_1277400, EPI_ISL_1277401, EPI_ISL_1277402, EPI_ISL_1277404, EPI_ISL_1277405, EPI_ISL_1277406, EPI_ISL_1277407, EPI_ISL_1277408, EPI_ISL_1277409, EPI_ISL_1277410, EPI_ISL_1277411, EPI_ISL_1277413, EPI_ISL_1277414, EPI_ISL_1277418, EPI_ISL_1277419, EPI_ISL_1277420, EPI_ISL_1277421, EPI_ISL_1277423, EPI_ISL_1277424, EPI_ISL_1277425, EPI_ISL_1277430, EPI_ISL_1277440, EPI_ISL_1277443, EPI_ISL_1277446, EPI_ISL_1277465, EPI_ISL_1277476, EPI_ISL_1277477, EPI_ISL_1277479, EPI_ISL_1277538, EPI_ISL_1277546, EPI_ISL_1277556, EPI_ISL_1277566, EPI_ISL_1277573, EPI_ISL_1277574, EPI_ISL_1277576, EPI_ISL_1277585, EPI_ISL_1277587, EPI_ISL_1277590, EPI_ISL_1277597, EPI_ISL_1277633, EPI_ISL_1277634, EPI_ISL_1277638, EPI_ISL_1277639, EPI_ISL_1277640, EPI_ISL_1277642, EPI_ISL_1277643, EPI_ISL_1277645, EPI_ISL_1277646, EPI_ISL_1277647, EPI_ISL_1277650, EPI_ISL_1277652, EPI_ISL_1277654, EPI_ISL_1277655, EPI_ISL_1277663, EPI_ISL_1277665, EPI_ISL_1277668, EPI_ISL_1277669, EPI_ISL_1277672, EPI_ISL_1277673, EPI_ISL_1277674, EPI_ISL_1277675, EPI_ISL_1277677, EPI_ISL_1277678, EPI_ISL_1277680, EPI_ISL_1277681, EPI_ISL_1277682, EPI_ISL_1277683, EPI_ISL_1277687, EPI_ISL_1277688, EPI_ISL_1277689, EPI_ISL_1277690, EPI_ISL_1277691, EPI_ISL_1277692, EPI_ISL_1277693, EPI_ISL_1277695, EPI_ISL_1277696, EPI_ISL_1277697, EPI_ISL_1277698, EPI_ISL_1277699, EPI_ISL_1277700, EPI_ISL_1277701, EPI_ISL_1277702, EPI_ISL_1277703, EPI_ISL_1277705, EPI_ISL_1277706, EPI_ISL_1277707, EPI_ISL_1277708, EPI_ISL_1277709, EPI_ISL_1277710, EPI_ISL_1277711, EPI_ISL_1277712, EPI_ISL_1277713, EPI_ISL_1277715, EPI_ISL_1277716, EPI_ISL_1277717, EPI_ISL_1277718, EPI_ISL_1277719, EPI_ISL_1277721, EPI_ISL_1277722, EPI_ISL_1277724, EPI_ISL_1277725, EPI_ISL_1277726, EPI_ISL_1277727, EPI_ISL_1277729, EPI_ISL_1277733, EPI_ISL_1277735, EPI_ISL_1277738, EPI_ISL_1277739, EPI_ISL_1277740, EPI_ISL_1277741, EPI_ISL_1277742			
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_1278037	Private lab	Lithuanian University of Health Sciences	Arnoldas Pautienius, Kamile Tamauskaite, Gediminas Alzbutas, Dovydas Gecys, Lukas Zemaitis, Vaiva Lesauskaite
EPI_ISL_1278348	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, Mª Fe Brezmes-Valdivieso, Gregoria Megias Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza
EPI_ISL_1278373, EPI_ISL_1278509, EPI_ISL_1278706, EPI_ISL_1278711	Clalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1279639, EPI_ISL_1279640, EPI_ISL_1279641, EPI_ISL_1279642, EPI_ISL_1279643, EPI_ISL_1279644, EPI_ISL_1279645, EPI_ISL_1279738, EPI_ISL_1279739, EPI_ISL_1279740, EPI_ISL_1279741, EPI_ISL_1279742			
see above	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279943	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_1280687	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280743	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1280746, EPI_ISL_1280756, EPI_ISL_1280762, EPI_ISL_1280767, EPI_ISL_1280779, EPI_ISL_1280780	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1281181	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1281291	Institut für med. Mikrobiologie u. Virologie Klinikum Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1281293, EPI_ISL_1281298	MVZ Labor Passau GbR	Robert Koch Institute	unknown
EPI_ISL_1281538	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1282088	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1282210	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1282318, EPI_ISL_1282328, EPI_ISL_1282382	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1283137	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1284882, EPI_ISL_1284883, EPI_ISL_1284885, EPI_ISL_1284886	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1287338, EPI_ISL_1287342	Labor Becker & Kollegen (Standort München)	Robert Koch Institute	unknown
EPI_ISL_1287360, EPI_ISL_1287362, EPI_ISL_1287365	Public Health Institute of Varaždin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1287381, EPI_ISL_1287385, EPI_ISL_1287387, EPI_ISL_1287389, EPI_ISL_1287391, EPI_ISL_1287393, EPI_ISL_1287394, EPI_ISL_1287401, EPI_ISL_1287405, EPI_ISL_1287406	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1287798, EPI_ISL_1287802, EPI_ISL_1287891, EPI_ISL_1287926, EPI_ISL_1287928, EPI_ISL_1287962, EPI_ISL_1288549, EPI_ISL_1288553, EPI_ISL_1288642, EPI_ISL_1288677, EPI_ISL_1288679, EPI_ISL_1288713, EPI_ISL_1288912, EPI_ISL_1288913			
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_1289580	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_1289969, EPI_ISL_1289980, EPI_ISL_1290027, EPI_ISL_1290043, EPI_ISL_1290147, EPI_ISL_1290270, EPI_ISL_1290271, EPI_ISL_1290272, EPI_ISL_1290273, EPI_ISL_1290274, EPI_ISL_1290275, EPI_ISL_1290276, EPI_ISL_1290277, EPI_ISL_1290278, EPI_ISL_1290293, EPI_ISL_1290356, EPI_ISL_1290357, EPI_ISL_1290358, EPI_ISL_1290490, EPI_ISL_1290495, EPI_ISL_1290500, EPI_ISL_1290518, EPI_ISL_1290526			

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_1291459, EPI_ISL_1291485, EPI_ISL_1291488, EPI_ISL_1291490, EPI_ISL_1291495, EPI_ISL_1291496, EPI_ISL_1291501, EPI_ISL_1291503, EPI_ISL_1291504, EPI_ISL_1291507, EPI_ISL_1291512, EPI_ISL_1291518, EPI_ISL_1291519, EPI_ISL_1291521, EPI_ISL_1291525, EPI_ISL_1291533, EPI_ISL_1291534, EPI_ISL_1291536, EPI_ISL_1291538, EPI_ISL_1291571			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shiyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lachawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1291750	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1292881, EPI_ISL_1292884, EPI_ISL_1292886, EPI_ISL_1292887	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_1292978	Connecticut DPH	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, Anthony Muyombwe, Randy Downing, Jafar Razeq, Stephen M. Bart, Nathan Grubaugh
EPI_ISL_1292987, EPI_ISL_1292988, EPI_ISL_1292989	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, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1293094, EPI_ISL_1293095, EPI_ISL_1293096, EPI_ISL_1293097	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_1294621	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_1295340, EPI_ISL_1295381, EPI_ISL_1295383, EPI_ISL_1295426, EPI_ISL_1295427, EPI_ISL_1295449, EPI_ISL_1295450	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295585, EPI_ISL_1295587	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuessen, Herman Goossens
EPI_ISL_1295614	Ospedale "F. Spaziani" Frosinone	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, G Bonfiglio, O Butera, CEM Gruber, F Santini, B Bartolini, R Pulselli, C Sias, G Brocco, MR Capobianchi, A Di Caro
EPI_ISL_1295748, EPI_ISL_1295759, EPI_ISL_1295769, EPI_ISL_1295770, EPI_ISL_1295772	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_1296262	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_1296273, EPI_ISL_1296275, EPI_ISL_1296276, EPI_ISL_1296277, EPI_ISL_1296278	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, Scaccetti A, 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_1296280	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, Scaccetti A, 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_1296281, EPI_ISL_1296282, EPI_ISL_1296283, EPI_ISL_1296284	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, Scaccetti A, 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_1296634, EPI_ISL_1296635, EPI_ISL_1296636, EPI_ISL_1296637, EPI_ISL_1296639, EPI_ISL_1296640, EPI_ISL_1296642	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1298227, EPI_ISL_1298228, EPI_ISL_1298229, EPI_ISL_1298230, EPI_ISL_1298236, EPI_ISL_1298237, EPI_ISL_1298244	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shiyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lachawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1298258, EPI_ISL_1298259, EPI_ISL_1298260, EPI_ISL_1298262, EPI_ISL_1298263, EPI_ISL_1298264, EPI_ISL_1298266, EPI_ISL_1298267, EPI_ISL_1298268, EPI_ISL_1298269, EPI_ISL_1298270, EPI_ISL_1298280, EPI_ISL_1298296, EPI_ISL_1298298, EPI_ISL_1298299, EPI_ISL_1298310, EPI_ISL_1298334, EPI_ISL_1298337, EPI_ISL_1298356, EPI_ISL_1298357			
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani 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 Levandowski, 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_1299274, EPI_ISL_1299279	Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr
EPI_ISL_1299946	OKMI FN Brno	CEITEC MU	Zdrzilova Dubska L., Dolejska M., Pardy F., Machackova T., Bystry V., Deissova T.
EPI_ISL_1300543, EPI_ISL_1300546	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1301838	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_1302015, EPI_ISL_1302016, EPI_ISL_1302017, EPI_ISL_1302018, EPI_ISL_1302020, EPI_ISL_1302023, EPI_ISL_1302024, EPI_ISL_1302025, EPI_ISL_1302026, EPI_ISL_1302027, EPI_ISL_1302028, EPI_ISL_1302030, EPI_ISL_1302031, EPI_ISL_1302032, EPI_ISL_1302033, EPI_ISL_1302034, EPI_ISL_1302073, EPI_ISL_1302075, EPI_ISL_1302077, EPI_ISL_1302078, EPI_ISL_1302079, EPI_ISL_1302084			
see above	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1302455	"Rezus.lt"	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zilve Zemeckiene, Mantas Sarauskas, Marius Sukys, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1302872, EPI_ISL_1302873, EPI_ISL_1302874, EPI_ISL_1302875, EPI_ISL_1302876, EPI_ISL_1302877, EPI_ISL_1302878, EPI_ISL_1302879, EPI_ISL_1302880, EPI_ISL_1302881, EPI_ISL_1302882, EPI_ISL_1302883			
see above	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_1305159, EPI_ISL_1305163	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_1306036	Public Health Institute of Meimurje County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1306060	University Hospital Centre Zagreb	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1306061	Public Health Institute of Meimurje County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak

EPI_ISL_1308100, EPI_ISL_1308101, EPI_ISL_1308102, EPI_ISL_1308103, EPI_ISL_1308104, EPI_ISL_1308105, EPI_ISL_1308108, EPI_ISL_1308112, EPI_ISL_1308113, EPI_ISL_1308114, EPI_ISL_1308115, EPI_ISL_1308116, EPI_ISL_1308118, EPI_ISL_1308119, EPI_ISL_1308123, EPI_ISL_1308124, EPI_ISL_1308125, EPI_ISL_1308126, EPI_ISL_1308127, EPI_ISL_1308129, EPI_ISL_1308130, EPI_ISL_1308134, EPI_ISL_1308135, EPI_ISL_1308136, EPI_ISL_1308137, EPI_ISL_1308138, EPI_ISL_1308139, EPI_ISL_1308141, EPI_ISL_1308142, EPI_ISL_1308145, EPI_ISL_1308146, EPI_ISL_1308147, EPI_ISL_1308148, EPI_ISL_1308149, EPI_ISL_1308152, EPI_ISL_1308153, EPI_ISL_1308157, EPI_ISL_1308158, EPI_ISL_1308159, EPI_ISL_1308160, EPI_ISL_1308163, EPI_ISL_1308166, EPI_ISL_1308167, EPI_ISL_1308168, EPI_ISL_1308170, EPI_ISL_1308174, EPI_ISL_1308175, EPI_ISL_1308176, EPI_ISL_1308177	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1308184, EPI_ISL_1308185, EPI_ISL_1308186, EPI_ISL_1308187, EPI_ISL_1308188, EPI_ISL_1308189, EPI_ISL_1308192, EPI_ISL_1308193, EPI_ISL_1308194, EPI_ISL_1308195, EPI_ISL_1308196, EPI_ISL_1308197, EPI_ISL_1308198, EPI_ISL_1308199, EPI_ISL_1308201, EPI_ISL_1308202, EPI_ISL_1308203, EPI_ISL_1308204, EPI_ISL_1308205, EPI_ISL_1308206, EPI_ISL_1308207, EPI_ISL_1308208, EPI_ISL_1308209, EPI_ISL_1308210, EPI_ISL_1308211, EPI_ISL_1308213, EPI_ISL_1308214, EPI_ISL_1308215, EPI_ISL_1308216, EPI_ISL_1308217, EPI_ISL_1308218, EPI_ISL_1308219, EPI_ISL_1308220, EPI_ISL_1308221, EPI_ISL_1308222, EPI_ISL_1308223, EPI_ISL_1308225, EPI_ISL_1308226, EPI_ISL_1308227, EPI_ISL_1308228, EPI_ISL_1308230, EPI_ISL_1308231, EPI_ISL_1308232, EPI_ISL_1308233, EPI_ISL_1308234, EPI_ISL_1308236, EPI_ISL_1308237, EPI_ISL_1308238, EPI_ISL_1308239, EPI_ISL_1308242, EPI_ISL_1308243, EPI_ISL_1308244, EPI_ISL_1308245, EPI_ISL_1308247, EPI_ISL_1308248, EPI_ISL_1308249, EPI_ISL_1308250, EPI_ISL_1308252, EPI_ISL_1308253, EPI_ISL_1308254, EPI_ISL_1308255, EPI_ISL_1308257, EPI_ISL_1308259, EPI_ISL_1308260, EPI_ISL_1308261, EPI_ISL_1308262, EPI_ISL_1308263, EPI_ISL_1308264, EPI_ISL_1308265, EPI_ISL_1308266, EPI_ISL_1308267, EPI_ISL_1308269, EPI_ISL_1308270, EPI_ISL_1308271, EPI_ISL_1308272	see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_1308274, EPI_ISL_1308275, EPI_ISL_1308276, EPI_ISL_1308277, EPI_ISL_1308278, EPI_ISL_1308279, EPI_ISL_1308284, EPI_ISL_1308285, EPI_ISL_1308286, EPI_ISL_1308287, EPI_ISL_1308288, EPI_ISL_1308289, EPI_ISL_1308290, EPI_ISL_1308291, EPI_ISL_1308295, EPI_ISL_1308296, EPI_ISL_1308297, EPI_ISL_1308298, EPI_ISL_1308299, EPI_ISL_1308300, EPI_ISL_1308301, EPI_ISL_1308303, EPI_ISL_1308304, EPI_ISL_1308305, EPI_ISL_1308306, EPI_ISL_1308307, EPI_ISL_1308308, EPI_ISL_1308309, EPI_ISL_1308315, EPI_ISL_1308316, EPI_ISL_1308317, EPI_ISL_1308318, EPI_ISL_1308324, EPI_ISL_1308325, EPI_ISL_1308326, EPI_ISL_1308327, EPI_ISL_1308328, EPI_ISL_1308329, EPI_ISL_1308330, EPI_ISL_1308336, EPI_ISL_1308337, EPI_ISL_1308338, EPI_ISL_1308339, EPI_ISL_1308344, EPI_ISL_1308345, EPI_ISL_1308346, EPI_ISL_1308347, EPI_ISL_1308348, EPI_ISL_1308349	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1308354, EPI_ISL_1308355, EPI_ISL_1308361, EPI_ISL_1308362, EPI_ISL_1308363, EPI_ISL_1308364, EPI_ISL_1308365, EPI_ISL_1308366, EPI_ISL_1308367, EPI_ISL_1308372, EPI_ISL_1308373, EPI_ISL_1308374, EPI_ISL_1308375, EPI_ISL_1308376, EPI_ISL_1308377, EPI_ISL_1308378, EPI_ISL_1308384, EPI_ISL_1308385, EPI_ISL_1308386, EPI_ISL_1308387, EPI_ISL_1308388, EPI_ISL_1308389, EPI_ISL_1308390, EPI_ISL_1308396, EPI_ISL_1308397, EPI_ISL_1308398, EPI_ISL_1308399, EPI_ISL_1308400, EPI_ISL_1308401, EPI_ISL_1308407, EPI_ISL_1308408, EPI_ISL_1308409, EPI_ISL_1308410, EPI_ISL_1308411, EPI_ISL_1308412, EPI_ISL_1308418, EPI_ISL_1308419, EPI_ISL_1308420, EPI_ISL_1308421, EPI_ISL_1308422, EPI_ISL_1308423, EPI_ISL_1308429, EPI_ISL_1308430, EPI_ISL_1308431, EPI_ISL_1308432, EPI_ISL_1308433, EPI_ISL_1308434, EPI_ISL_1308435, EPI_ISL_1308436, EPI_ISL_1308441, EPI_ISL_1308442, EPI_ISL_1308443, EPI_ISL_1308444, EPI_ISL_1308445, EPI_ISL_1308446	see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_1308607, EPI_ISL_1308612, EPI_ISL_1308613, EPI_ISL_1308614, EPI_ISL_1308617		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_1308715, EPI_ISL_1308717, EPI_ISL_1308718, EPI_ISL_1308734, EPI_ISL_1308735, EPI_ISL_1308736, EPI_ISL_1308737, EPI_ISL_1308738, EPI_ISL_1308739, EPI_ISL_1308740, EPI_ISL_1308741, EPI_ISL_1308742	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_1308901, EPI_ISL_1308912		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_1309081		University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutili, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1309146, EPI_ISL_1309147, EPI_ISL_1309150, EPI_ISL_1309154, EPI_ISL_1309155, EPI_ISL_1309156, EPI_ISL_1309157, EPI_ISL_1309158, EPI_ISL_1309163, EPI_ISL_1309164, EPI_ISL_1309165, EPI_ISL_1309166, EPI_ISL_1309167, EPI_ISL_1309169, EPI_ISL_1309170, EPI_ISL_1309173, EPI_ISL_1309174, EPI_ISL_1309175, EPI_ISL_1309176, EPI_ISL_1309178, EPI_ISL_1309179, EPI_ISL_1309182, EPI_ISL_1309183, EPI_ISL_1309184, EPI_ISL_1309185, EPI_ISL_1309186, EPI_ISL_1309187, EPI_ISL_1309189, EPI_ISL_1309190, EPI_ISL_1309193, EPI_ISL_1309194, EPI_ISL_1309195, EPI_ISL_1309196, EPI_ISL_1309197, EPI_ISL_1309198, EPI_ISL_1309201, EPI_ISL_1309202, EPI_ISL_1309205, EPI_ISL_1309206, EPI_ISL_1309207, EPI_ISL_1309208, EPI_ISL_1309209, EPI_ISL_1309212, EPI_ISL_1309213, EPI_ISL_1309216, EPI_ISL_1309217, EPI_ISL_1309218, EPI_ISL_1309219, EPI_ISL_1309220, EPI_ISL_1309223, EPI_ISL_1309226, EPI_ISL_1309227, EPI_ISL_1309228, EPI_ISL_1309229, EPI_ISL_1309230, EPI_ISL_1309231, EPI_ISL_1309233, EPI_ISL_1309234, EPI_ISL_1309240, EPI_ISL_1309241, EPI_ISL_1309242, EPI_ISL_1309244, EPI_ISL_1309245, EPI_ISL_1309251, EPI_ISL_1309252, EPI_ISL_1309253, EPI_ISL_1309255, EPI_ISL_1309256, EPI_ISL_1309257, EPI_ISL_1309262, EPI_ISL_1309263, EPI_ISL_1309264, EPI_ISL_1309266, EPI_ISL_1309267, EPI_ISL_1309268, EPI_ISL_1309272, EPI_ISL_1309273, EPI_ISL_1309274, EPI_ISL_1309276, EPI_ISL_1309277, EPI_ISL_1309278, EPI_ISL_1309283, EPI_ISL_1309284, EPI_ISL_1309285, EPI_ISL_1309287, EPI_ISL_1309288, EPI_ISL_1309289, EPI_ISL_1309292, EPI_ISL_1309293, EPI_ISL_1309294, EPI_ISL_1309295, EPI_ISL_1309296, EPI_ISL_1309302, EPI_ISL_1309303, EPI_ISL_1309304, EPI_ISL_1309305, EPI_ISL_1309306, EPI_ISL_1309307, EPI_ISL_1309313	see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_1309315, EPI_ISL_1309316, EPI_ISL_1309317, EPI_ISL_1309318, EPI_ISL_1309329, EPI_ISL_1309331, EPI_ISL_1309333, EPI_ISL_1309342, EPI_ISL_1309346, EPI_ISL_1309349, EPI_ISL_1309354, EPI_ISL_1309360, EPI_ISL_1309363	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1309385, EPI_ISL_1309386, EPI_ISL_1309388, EPI_ISL_1309389, EPI_ISL_1309391, EPI_ISL_1309393, EPI_ISL_1309404, EPI_ISL_1309406, EPI_ISL_1309408, EPI_ISL_1309409, EPI_ISL_1309410, EPI_ISL_1309423, EPI_ISL_1309430	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_1309432, EPI_ISL_1309502, EPI_ISL_1309503, EPI_ISL_1309504		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_1310911, EPI_ISL_1310951, EPI_ISL_1311049, EPI_ISL_1311137, EPI_ISL_1311139, EPI_ISL_1311140, EPI_ISL_1311141, EPI_ISL_1311143, EPI_ISL_1311155, EPI_ISL_1311191, EPI_ISL_1311192, EPI_ISL_1311225	see above	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1311856, EPI_ISL_1311857		Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr
EPI_ISL_1311911		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_1311997, EPI_ISL_1312002, EPI_ISL_1312003, EPI_ISL_1312004, EPI_ISL_1312005	Public Health Institute of Zagreb County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1312046	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1312079, EPI_ISL_1312081, EPI_ISL_1312082, EPI_ISL_1312090, EPI_ISL_1312094, EPI_ISL_1312102, EPI_ISL_1312115, EPI_ISL_1312116, EPI_ISL_1312117, EPI_ISL_1312128, EPI_ISL_1312136, EPI_ISL_1312137, EPI_ISL_1312138, EPI_ISL_1312139, EPI_ISL_1312140, EPI_ISL_1312141, EPI_ISL_1312142, EPI_ISL_1312144, EPI_ISL_1312145, EPI_ISL_1312147, EPI_ISL_1312159, EPI_ISL_1312185, EPI_ISL_1312193, EPI_ISL_1312264, EPI_ISL_1312265			
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_1312790	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Run Jin, Nitika Badjatia, Zi-xuan Wang
EPI_ISL_1312920, EPI_ISL_1312921, EPI_ISL_1312930, EPI_ISL_1312974, EPI_ISL_1312975, EPI_ISL_1312976, EPI_ISL_1312977, EPI_ISL_1312978	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_1313182, EPI_ISL_1313183, EPI_ISL_1313184, EPI_ISL_1313185, EPI_ISL_1313186, EPI_ISL_1313189, EPI_ISL_1313190, EPI_ISL_1313194, EPI_ISL_1313199, EPI_ISL_1313202, EPI_ISL_1313206, EPI_ISL_1313376			
see above	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_1314524	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_1316163, EPI_ISL_1316208, EPI_ISL_1316219, EPI_ISL_1317209	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_1317220, EPI_ISL_1317234, EPI_ISL_1317267, EPI_ISL_1317268, EPI_ISL_1317269, EPI_ISL_1317270, EPI_ISL_1317271, EPI_ISL_1317272, EPI_ISL_1317273	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_1317414, EPI_ISL_1317415, EPI_ISL_1317416, EPI_ISL_1317417	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_1317418, EPI_ISL_1317419, EPI_ISL_1317420, EPI_ISL_1317421, EPI_ISL_1317422, EPI_ISL_1317423, EPI_ISL_1317424, EPI_ISL_1317425, EPI_ISL_1317426, EPI_ISL_1317427, EPI_ISL_1317428, EPI_ISL_1317429, EPI_ISL_1317430, EPI_ISL_1317431			
see above	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_1317432	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317433, EPI_ISL_1317434, EPI_ISL_1317435, EPI_ISL_1317436	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_1317437	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_1317438, EPI_ISL_1317439, EPI_ISL_1317440	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_1317441, EPI_ISL_1317442	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_1317443	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_1317444	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_1317445, EPI_ISL_1317446	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_1317447, EPI_ISL_1317448	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_1317449	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317450, EPI_ISL_1317451, EPI_ISL_1317452, EPI_ISL_1317453, EPI_ISL_1317454, EPI_ISL_1317455, EPI_ISL_1317456, EPI_ISL_1317457, EPI_ISL_1317458, EPI_ISL_1317459, EPI_ISL_1317460, EPI_ISL_1317461, EPI_ISL_1317462			
see above	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_1317463	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_1317464	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1317465, EPI_ISL_1317466	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1317590	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_1317591	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_1317605, EPI_ISL_1317606	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_1317607	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_1317608	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_1318202	Hospital de Cabueñes	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E,

EPI_ISL_1318222, EPI_ISL_1318225	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, Suxiang Tong
EPI_ISL_1318231	NC State Laboratory of Public Health	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_1318232, EPI_ISL_1318243, EPI_ISL_1318244, EPI_ISL_1318254, EPI_ISL_1318261, EPI_ISL_1318263	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, Suxiang Tong
EPI_ISL_1319443, EPI_ISL_1319450	North Estonia Medical Centre laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.
EPI_ISL_1321381, EPI_ISL_1321383, EPI_ISL_1321444	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_1321460	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1321705	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_1321813, EPI_ISL_1321816, EPI_ISL_1321817	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Malha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1322491, EPI_ISL_1322492, EPI_ISL_1322571, EPI_ISL_1322625, EPI_ISL_1322626, EPI_ISL_1322647, EPI_ISL_1322648, EPI_ISL_1322654, EPI_ISL_1322655, EPI_ISL_1322656, EPI_ISL_1322658, EPI_ISL_1322676, EPI_ISL_1322679, EPI_ISL_1322680	see above	see above	see above
EPI_ISL_1324071, EPI_ISL_1324072, EPI_ISL_1324073, EPI_ISL_1324074, EPI_ISL_1324075, EPI_ISL_1324076, EPI_ISL_1324080, EPI_ISL_1324097	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_1324478	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	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_1324565, EPI_ISL_1324566	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas, Ingrida Olen draite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1327262, EPI_ISL_1327366, EPI_ISL_1327369, EPI_ISL_1327375, EPI_ISL_1327405, EPI_ISL_1327420, EPI_ISL_1327443, EPI_ISL_132950	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_1333016, EPI_ISL_1333091, EPI_ISL_1333092	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_1333191	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_1333216, EPI_ISL_1333236, EPI_ISL_1333252, EPI_ISL_1333254, EPI_ISL_1333319	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_1333396, EPI_ISL_1333486	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_1333619, EPI_ISL_1333620, EPI_ISL_1333622, EPI_ISL_1333629, EPI_ISL_1333630, EPI_ISL_1333636, EPI_ISL_1333654	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_1333663	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_1333665, EPI_ISL_1333667, EPI_ISL_1333668, EPI_ISL_1333670, EPI_ISL_1333671, EPI_ISL_1333674, EPI_ISL_1333675, EPI_ISL_1333676, EPI_ISL_1333677, EPI_ISL_1333679, EPI_ISL_1333680, EPI_ISL_1333689, EPI_ISL_1333700, EPI_ISL_1333701, EPI_ISL_1333704	see above	see above	see above
EPI_ISL_1333705	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_1333707, EPI_ISL_1333708, EPI_ISL_1333712, EPI_ISL_1333715, EPI_ISL_1333716, EPI_ISL_1333720, EPI_ISL_1333726, EPI_ISL_1333736	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_1333739	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_1333744	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_1333746, EPI_ISL_1333748, EPI_ISL_1333757, EPI_ISL_1333758, EPI_ISL_1333759	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_1333765, EPI_ISL_1333852, EPI_ISL_1333853	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_1333900, EPI_ISL_1333927, EPI_ISL_1333944, EPI_ISL_1333945	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_1334125	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan

(COG-UK) Consortium		Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1334126, EPI_ISL_1334128	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_1335900, EPI_ISL_1335901, EPI_ISL_1335902, EPI_ISL_1335904, EPI_ISL_1335906, EPI_ISL_1335907, EPI_ISL_1335911, EPI_ISL_1335912, EPI_ISL_1335913, EPI_ISL_1335914, EPI_ISL_1335920, EPI_ISL_1335921, EPI_ISL_1335923, EPI_ISL_1335925, EPI_ISL_1335926, EPI_ISL_1335929, EPI_ISL_1335933, EPI_ISL_1335934, EPI_ISL_1335935, EPI_ISL_1335936, EPI_ISL_1335937, EPI_ISL_1335940, EPI_ISL_1335941, EPI_ISL_1335942, EPI_ISL_1335944, EPI_ISL_1335946, EPI_ISL_1335948, EPI_ISL_1335949, EPI_ISL_1335950, EPI_ISL_1335951, EPI_ISL_1335952, EPI_ISL_1335953, EPI_ISL_1335955, EPI_ISL_1335956, EPI_ISL_1335959, EPI_ISL_1335960, EPI_ISL_1335962, EPI_ISL_1335964, EPI_ISL_1335966, EPI_ISL_1335967, EPI_ISL_1335969, EPI_ISL_1335970, EPI_ISL_1335971, EPI_ISL_1335972, EPI_ISL_1335973, EPI_ISL_1335975, EPI_ISL_1335976, EPI_ISL_1335981, EPI_ISL_1335982, EPI_ISL_1335984, EPI_ISL_1335985, EPI_ISL_1335986, EPI_ISL_1335987, EPI_ISL_1336000, EPI_ISL_1336001, EPI_ISL_1336002, EPI_ISL_1336003, EPI_ISL_1336004, EPI_ISL_1336005, EPI_ISL_1336006, EPI_ISL_1336007, EPI_ISL_1336008, EPI_ISL_1336009, EPI_ISL_1336010, EPI_ISL_1336011, EPI_ISL_1336012, EPI_ISL_1336013, EPI_ISL_1336014, EPI_ISL_1336015, EPI_ISL_1336017, EPI_ISL_1336018, EPI_ISL_1336019, EPI_ISL_1336020, EPI_ISL_1336021, EPI_ISL_1336022, EPI_ISL_1336024, EPI_ISL_1336025, EPI_ISL_1336026, EPI_ISL_1336027, EPI_ISL_1336028, EPI_ISL_1336029, EPI_ISL_1336030, EPI_ISL_1336031, EPI_ISL_1336032, EPI_ISL_1336034, EPI_ISL_1336035, EPI_ISL_1336044, EPI_ISL_1336058, EPI_ISL_1336103			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1337010, EPI_ISL_1337013, EPI_ISL_1337014, EPI_ISL_1337017, EPI_ISL_1337027, EPI_ISL_1337029, EPI_ISL_1337039, EPI_ISL_1337040, EPI_ISL_1337093, EPI_ISL_1337094, EPI_ISL_1337095, EPI_ISL_1337098, EPI_ISL_1337099, EPI_ISL_1337100, EPI_ISL_1337104, EPI_ISL_1337105, EPI_ISL_1337107, EPI_ISL_1337108, EPI_ISL_1337109, EPI_ISL_1337110, EPI_ISL_1337114, EPI_ISL_1337115, EPI_ISL_1337116, EPI_ISL_1337132, EPI_ISL_1337152, EPI_ISL_1337153, EPI_ISL_1337154, EPI_ISL_1337155, EPI_ISL_1337156, EPI_ISL_1337157, EPI_ISL_1337170, EPI_ISL_1337172, EPI_ISL_1337173, EPI_ISL_1337174, EPI_ISL_1337177, EPI_ISL_1337179, EPI_ISL_1337180, EPI_ISL_1337182, EPI_ISL_1337183, EPI_ISL_1337184, EPI_ISL_1337185, EPI_ISL_1337186, EPI_ISL_1337187, EPI_ISL_1337189, EPI_ISL_1337190, EPI_ISL_1337191, EPI_ISL_1337192, EPI_ISL_1337193, EPI_ISL_1337194, EPI_ISL_1337195, EPI_ISL_1337197, EPI_ISL_1337198, EPI_ISL_1337206, EPI_ISL_1337208, EPI_ISL_1337209, EPI_ISL_1337215, EPI_ISL_1337216, EPI_ISL_1337218, EPI_ISL_1337219, EPI_ISL_1337220, EPI_ISL_1337221, EPI_ISL_1337222, EPI_ISL_1337223, EPI_ISL_1337225, EPI_ISL_1337228, EPI_ISL_1337231, EPI_ISL_1337233, EPI_ISL_1337234, EPI_ISL_1337236, EPI_ISL_1337239, EPI_ISL_1337243, EPI_ISL_1337244, EPI_ISL_1337245, EPI_ISL_1337246, EPI_ISL_1337247, EPI_ISL_1337248, EPI_ISL_1337250, EPI_ISL_1337251, EPI_ISL_1337252, EPI_ISL_1337253, EPI_ISL_1337254, EPI_ISL_1337255, EPI_ISL_1337259, EPI_ISL_1337260, EPI_ISL_1337261, EPI_ISL_1337263, EPI_ISL_1337265, EPI_ISL_1337266, EPI_ISL_1337268, EPI_ISL_1337269, EPI_ISL_1337270, EPI_ISL_1337271, EPI_ISL_1337272, EPI_ISL_1337273, EPI_ISL_1337274, EPI_ISL_1337275, EPI_ISL_1337276, EPI_ISL_1337283, EPI_ISL_1337291, EPI_ISL_1337297, EPI_ISL_1337300, EPI_ISL_1337301, EPI_ISL_1337302, EPI_ISL_1337304, EPI_ISL_1337305, EPI_ISL_1337309, EPI_ISL_1337310, EPI_ISL_1337311, EPI_ISL_1337316, EPI_ISL_1337324, EPI_ISL_1337336, EPI_ISL_1337345, EPI_ISL_1337350, EPI_ISL_1337357, EPI_ISL_1337402, EPI_ISL_1337409, EPI_ISL_1337412, EPI_ISL_1337415			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1340832	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_1340997, EPI_ISL_1340998, EPI_ISL_1340999, EPI_ISL_1341001, EPI_ISL_1341002, EPI_ISL_1341003, EPI_ISL_1341005, EPI_ISL_1341006, EPI_ISL_1341011, EPI_ISL_1341012, EPI_ISL_1341014, EPI_ISL_1341015, EPI_ISL_1341016, EPI_ISL_1341019, EPI_ISL_1341022, EPI_ISL_1341027, EPI_ISL_1341028, EPI_ISL_1341029, EPI_ISL_1341037, EPI_ISL_1341038, EPI_ISL_1341039, EPI_ISL_1341040, EPI_ISL_1341044, EPI_ISL_1341046, EPI_ISL_1341047, EPI_ISL_1341048, EPI_ISL_1341051, EPI_ISL_1341052			
see above	1. Główny Inspektorat Sanitarny; 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Małopolska Centre of Biotechnology, Jagiellonian University; 2. Diagnostron Laboratoria Lukasza Rabalski	Rabalski L., Gromowski,T., Mazur-Panasuk,N., Kowalski,M., Maciej Kosinski, Natalia Derewonko, Szulc,P., Sylwia Januszczak, Labaj,P.P., Pyrc,K.
EPI_ISL_1347191, EPI_ISL_1347192, EPI_ISL_1347193, EPI_ISL_1347194, EPI_ISL_1347197, EPI_ISL_1347202, EPI_ISL_1347203, EPI_ISL_1347204	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_1347349, EPI_ISL_1347568, EPI_ISL_1347570, EPI_ISL_1347571, EPI_ISL_1347573, EPI_ISL_1347574, EPI_ISL_1347578, EPI_ISL_1347579, EPI_ISL_1347580, EPI_ISL_1347581, EPI_ISL_1347585, EPI_ISL_1347586, EPI_ISL_1347588, EPI_ISL_1347591, EPI_ISL_1347592, EPI_ISL_1347593, EPI_ISL_1347647, EPI_ISL_1347648, EPI_ISL_1347649, EPI_ISL_1347650, EPI_ISL_1347651, EPI_ISL_1347652, EPI_ISL_1347655, EPI_ISL_1347657, EPI_ISL_1347664, EPI_ISL_1347667, EPI_ISL_1347668, EPI_ISL_1347669, EPI_ISL_1347674, EPI_ISL_1347675, EPI_ISL_1347676, EPI_ISL_1347678, EPI_ISL_1347735, EPI_ISL_1347736, EPI_ISL_1347737, EPI_ISL_1347738, EPI_ISL_1347739, EPI_ISL_1347740, EPI_ISL_1347741, EPI_ISL_1347748, EPI_ISL_1347749			
see above	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_1348197, EPI_ISL_1348198, EPI_ISL_1348204, EPI_ISL_1348208, EPI_ISL_1348210, EPI_ISL_1348211	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_1350717	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352239, EPI_ISL_1352262	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1352295	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1352325, EPI_ISL_1353098, EPI_ISL_1353115	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1353118	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1353140, EPI_ISL_1353141, EPI_ISL_1353214	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1353442, EPI_ISL_1353468	Universitätsklinikum Münster Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1357613, EPI_ISL_1357617, EPI_ISL_1357619, EPI_ISL_1357623	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_1357869, EPI_ISL_1357883, EPI_ISL_1357888, EPI_ISL_1357889, EPI_ISL_1357894, EPI_ISL_1357906, EPI_ISL_1357985, EPI_ISL_1357986, EPI_ISL_1357987, EPI_ISL_1357988, EPI_ISL_1357989, EPI_ISL_1357990, EPI_ISL_1357991, EPI_ISL_1357992, EPI_ISL_1358109, EPI_ISL_1358110, EPI_ISL_1358111, EPI_ISL_1358112, EPI_ISL_1358113, EPI_ISL_1358114, EPI_ISL_1358115, EPI_ISL_1358116, EPI_ISL_1358117, EPI_ISL_1358118, EPI_ISL_1358119, EPI_ISL_1358120, EPI_ISL_1358121, EPI_ISL_1358122, EPI_ISL_1358123, EPI_ISL_1358124, EPI_ISL_1358125, EPI_ISL_1358167, EPI_ISL_1358181			
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_1358954	Hennepin County Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1360110	Karolinska University Hospital	Karolinska University Hospital	Jan Albert, Tobias Allander, Annelie Bjerkner, Sandra Brodesson, Robert Dyrdak, Martin Ekman, Lynda Eneh, Lina Guerra Blomqvist, Karolina Ininbergs, Tanja Normark, Isak Sylvén, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1360446	Child Health Research Foundation	Child Health Research Foundation	CHRF Bangladesh Genomics Team
EPI_ISL_1361553	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 Sempini, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.

EPI_ISL_1361560	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 Sempri, Silvia Zanolì, Francesco Curcio, Stefania Marzintotto, Andreina Baj, Fausto Sessa, Massimiliano Chetta, Marina Tarsitano, Giusy Giordano, Marcello Ametrano, Mariano Fiorenza, Caivano Antonella, D'Auria Fiorella, De Luca Luciana.
EPI_ISL_1363768	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_1363882, EPI_ISL_1363952, EPI_ISL_1363953, EPI_ISL_1363954, EPI_ISL_1363955, EPI_ISL_1363956, EPI_ISL_1363957, EPI_ISL_1364072, EPI_ISL_1364075, EPI_ISL_1364076, EPI_ISL_1364085, EPI_ISL_1364086, EPI_ISL_1364087, EPI_ISL_1364088, EPI_ISL_1364107, EPI_ISL_1364108, EPI_ISL_1364117, EPI_ISL_1364248, EPI_ISL_1364255, EPI_ISL_1364256			
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_1364482, EPI_ISL_1364487	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1364941, EPI_ISL_1364944	Bundeswehrkrankenhaus Berlin	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364975	Bundeswehrzentraltraumenzentrum Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1367135, EPI_ISL_1367136	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1367747, EPI_ISL_1367749, EPI_ISL_1367755, EPI_ISL_1367758	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_1369174, EPI_ISL_1369175, EPI_ISL_1369206, EPI_ISL_1369207, EPI_ISL_1369211, EPI_ISL_1369212, EPI_ISL_1369213	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_1369838, EPI_ISL_1369846, EPI_ISL_1369855, EPI_ISL_1369967, EPI_ISL_1369999, EPI_ISL_1370002, EPI_ISL_1370008, EPI_ISL_1370013, EPI_ISL_1370021, EPI_ISL_1370023, EPI_ISL_1370034, EPI_ISL_1370040			
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_1370090	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_1370092, EPI_ISL_1370094	ICH-SION	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_1370096	Dr. Bard	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_1370098, EPI_ISL_1370100	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_1370109	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_1370111, EPI_ISL_1370113, EPI_ISL_1370115, EPI_ISL_1370117, EPI_ISL_1370119, EPI_ISL_1370127, EPI_ISL_1370129, EPI_ISL_1370131, EPI_ISL_1370133, EPI_ISL_1370135, EPI_ISL_1370137, EPI_ISL_1370139, EPI_ISL_1370141, EPI_ISL_1370143			
see above	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_1370145	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_1370148	Dr. Bard	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_1370976, EPI_ISL_1370999, EPI_ISL_1371012, EPI_ISL_1371015, EPI_ISL_1371016, EPI_ISL_1371025, EPI_ISL_1371036, EPI_ISL_1371037, EPI_ISL_1371042, EPI_ISL_1371048, EPI_ISL_1371052, EPI_ISL_1371053, EPI_ISL_1371058, EPI_ISL_1371179, EPI_ISL_1371186, EPI_ISL_1371218, EPI_ISL_1371673			
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_1373751, EPI_ISL_1373813, EPI_ISL_1373816, EPI_ISL_1373837	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, Suixiang Tong
EPI_ISL_1378892	1. Główny Inspektorat Sanitarny. 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Małopolska Centre of Biotechnology, Jagiellonian University; 2. genXone SA, Research & Development Laboratory	Mazur-Panasiuk,N., Grzegorz Nowicki, Gromowski,T., Natalia Drweska-Matelska, Jakub Grabowski, Anna Brylak, Aleksandra Gidlewicz, Karol Szeszko, Maciej Sykulski, ukasz Krych, Kowalski,M., Szulc,P., Sylwia Januszczak, Labaj,P.P., Micha Kaszuba, Pyrc,K.
EPI_ISL_1379565	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_1380537, EPI_ISL_1380573, EPI_ISL_1380602, EPI_ISL_1380612, EPI_ISL_1380621, EPI_ISL_1380983, EPI_ISL_1380984, EPI_ISL_1380985, EPI_ISL_1380986, EPI_ISL_1380987, EPI_ISL_1380990, EPI_ISL_1380991, EPI_ISL_1380993, EPI_ISL_1380994, EPI_ISL_1381041, EPI_ISL_1382819, EPI_ISL_1382823, EPI_ISL_1382824, EPI_ISL_1382825, EPI_ISL_1382826, EPI_ISL_1382827, EPI_ISL_1382829			
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_1383632, EPI_ISL_1383634,	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman

EPI_ISL_1383635, EPI_ISL_1383637, EPI_ISL_1383638, EPI_ISL_1383640, EPI_ISL_1383641	Genomics Platform		
EPI_ISL_1383915, EPI_ISL_1383917, EPI_ISL_1383921, EPI_ISL_1383922, EPI_ISL_1383924, EPI_ISL_1383925, EPI_ISL_1383928, EPI_ISL_1383929	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_1384107, EPI_ISL_1384112	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_1385829	KEMPEGOWDA INTERNATIONAL AIRPORT	INSACOG-KA, NIMHANS	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
EPI_ISL_1386254, EPI_ISL_1386255, EPI_ISL_1386256, EPI_ISL_1386257, EPI_ISL_1386259, EPI_ISL_1386261, EPI_ISL_1386262, EPI_ISL_1386263, EPI_ISL_1386264, EPI_ISL_1386267, EPI_ISL_1386268, EPI_ISL_1386271, EPI_ISL_1386272, EPI_ISL_1386276, EPI_ISL_1386277, EPI_ISL_1386278, EPI_ISL_1386281, EPI_ISL_1386282, EPI_ISL_1386283, EPI_ISL_1386287, EPI_ISL_1386288, EPI_ISL_1386289, EPI_ISL_1386291, EPI_ISL_1386292, EPI_ISL_1386293, EPI_ISL_1386296, EPI_ISL_1386297, EPI_ISL_1386298, EPI_ISL_1386300, EPI_ISL_1386301, EPI_ISL_1386302, EPI_ISL_1386305, EPI_ISL_1386306, EPI_ISL_1386309, EPI_ISL_1386310, EPI_ISL_1386311, EPI_ISL_1386312, EPI_ISL_1386314, EPI_ISL_1386315, EPI_ISL_1386317, EPI_ISL_1386318, EPI_ISL_1386319, EPI_ISL_1386322, EPI_ISL_1386323, EPI_ISL_1386324, EPI_ISL_1386325, EPI_ISL_1386327, EPI_ISL_1386328, EPI_ISL_1386329, EPI_ISL_1386330, EPI_ISL_1386332, EPI_ISL_1386333, EPI_ISL_1386337, EPI_ISL_1386338, EPI_ISL_1386339, EPI_ISL_1386340, EPI_ISL_1386342, EPI_ISL_1386343, EPI_ISL_1386348, EPI_ISL_1386349, EPI_ISL_1386350, EPI_ISL_1386353, EPI_ISL_1386354, EPI_ISL_1386357, EPI_ISL_1386358, EPI_ISL_1386359, EPI_ISL_1386361, EPI_ISL_1386364, EPI_ISL_1386365, EPI_ISL_1386366, EPI_ISL_1386367, EPI_ISL_1386370, EPI_ISL_1386374, EPI_ISL_1386375, EPI_ISL_1386376, EPI_ISL_1386377, EPI_ISL_1386378, EPI_ISL_1386381, EPI_ISL_1386386, EPI_ISL_1386387, EPI_ISL_1386388, EPI_ISL_1386389, EPI_ISL_1386391, EPI_ISL_1386397, EPI_ISL_1386398, EPI_ISL_1386399, EPI_ISL_1386402, EPI_ISL_1386407			
see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1386409	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_1386418	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_1386648	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_1386872, EPI_ISL_1386900	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_1386937, EPI_ISL_1386953, EPI_ISL_1386963, EPI_ISL_1386964, EPI_ISL_1386973, EPI_ISL_1386976, EPI_ISL_1386996, EPI_ISL_1387012, EPI_ISL_1387027, EPI_ISL_1387036, EPI_ISL_1387045			
see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_1387373, EPI_ISL_1387374, EPI_ISL_1387380, EPI_ISL_1387382, EPI_ISL_1387394, EPI_ISL_1387395, EPI_ISL_1387396, EPI_ISL_1387397, EPI_ISL_1387398, EPI_ISL_1387405, EPI_ISL_1387406, EPI_ISL_1387407, EPI_ISL_1387409, EPI_ISL_1387411, EPI_ISL_1387413, EPI_ISL_1387414, EPI_ISL_1387416, EPI_ISL_1387418, EPI_ISL_1387420, EPI_ISL_1387421, EPI_ISL_1387422, EPI_ISL_1387425, EPI_ISL_1387427, EPI_ISL_1387429, EPI_ISL_1387432, EPI_ISL_1387436, EPI_ISL_1387437, EPI_ISL_1387439, EPI_ISL_1387440, EPI_ISL_1387443, EPI_ISL_1387444, EPI_ISL_1387445, EPI_ISL_1387446, EPI_ISL_1387448, EPI_ISL_1387449, EPI_ISL_1387453, EPI_ISL_1387454, EPI_ISL_1387455, EPI_ISL_1387461, EPI_ISL_1387466, EPI_ISL_1387467, EPI_ISL_1387468, EPI_ISL_1387475, EPI_ISL_1387480, EPI_ISL_1387491, EPI_ISL_1387494			
see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1388166, EPI_ISL_1388417, EPI_ISL_1388429, EPI_ISL_1388438, EPI_ISL_1388442, EPI_ISL_1388540, EPI_ISL_1388590, EPI_ISL_1388597	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_1389355, EPI_ISL_1389357, EPI_ISL_1389358	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_1393180, EPI_ISL_1393184, EPI_ISL_1393197, EPI_ISL_1393198, EPI_ISL_1393199, EPI_ISL_1393200, EPI_ISL_1393201, EPI_ISL_1393202, EPI_ISL_1393203, EPI_ISL_1393204, EPI_ISL_1393205, EPI_ISL_1393206, EPI_ISL_1393207, EPI_ISL_1393208, EPI_ISL_1393209, EPI_ISL_1393226, EPI_ISL_1393227, EPI_ISL_1393228, EPI_ISL_1393229, EPI_ISL_1393230, EPI_ISL_1393231, EPI_ISL_1393232, EPI_ISL_1393235, EPI_ISL_1393236, EPI_ISL_1393238, EPI_ISL_1393239, EPI_ISL_1393249, EPI_ISL_1393250, EPI_ISL_1393251, EPI_ISL_1393252, EPI_ISL_1393253, EPI_ISL_1393254, EPI_ISL_1393255, EPI_ISL_1393256, EPI_ISL_1393257, EPI_ISL_1393258, EPI_ISL_1393259, EPI_ISL_1393260, EPI_ISL_1393261, EPI_ISL_1393262, EPI_ISL_1393263, EPI_ISL_1393264, EPI_ISL_1393265			
see above	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1393646, EPI_ISL_1393647, EPI_ISL_1393650	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_1393669	Pracownia Mikrobiologiczna Wojewódzki Szpital Specjalistyczny	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_1393756, EPI_ISL_1393757, EPI_ISL_1393758	Regionalne Centrum Krwiodawstwa i Krwiolecznictwa w Białymstoku 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_1393944	WSSE w Olsztynie	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_1400842	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_1402344	CMBG FN Brno	CMBG FN Brno	Bezdicke M., Lengerova M., Svaton J.
EPI_ISL_1405589	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_1406460	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bissexux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1416186	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, Sonia Gonalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1416727	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_1417760, EPI_ISL_1417761, EPI_ISL_1417762, EPI_ISL_1417763, EPI_ISL_1417764, EPI_ISL_1417765, EPI_ISL_1417766, EPI_ISL_1417767, EPI_ISL_1417992, EPI_ISL_1418115, EPI_ISL_1418345, EPI_ISL_1418387, EPI_ISL_1418388, EPI_ISL_1418499, EPI_ISL_1418500, EPI_ISL_1418501, EPI_ISL_1418502,			

EPI_ISL_1418503, EPI_ISL_1418504, EPI_ISL_1418505, EPI_ISL_1418506, EPI_ISL_1418507, EPI_ISL_1418508, EPI_ISL_1418509, EPI_ISL_1418510, EPI_ISL_1418511, EPI_ISL_1418592, EPI_ISL_1418593, EPI_ISL_1418594, EPI_ISL_1418595, EPI_ISL_1418596, EPI_ISL_1418690, EPI_ISL_1418691	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_1419531, EPI_ISL_1419554	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_1419939, EPI_ISL_1419981, EPI_ISL_1420006, EPI_ISL_1420007, EPI_ISL_1420017, EPI_ISL_1420124, EPI_ISL_1420125, EPI_ISL_1420126, EPI_ISL_1420127, EPI_ISL_1420128, EPI_ISL_1420129, EPI_ISL_1420130, EPI_ISL_1420131, EPI_ISL_1420132, EPI_ISL_1420133, EPI_ISL_1420134, EPI_ISL_1420135, EPI_ISL_1420136, EPI_ISL_1420137, EPI_ISL_1420138, EPI_ISL_1420139, EPI_ISL_1420140, EPI_ISL_1420141, EPI_ISL_1420142, EPI_ISL_1420143, EPI_ISL_1420144, EPI_ISL_1420145, EPI_ISL_1420146, EPI_ISL_1420147, EPI_ISL_1420148, EPI_ISL_1420412, EPI_ISL_1420413, EPI_ISL_1420414, EPI_ISL_1420415, EPI_ISL_1420416, EPI_ISL_1420417, EPI_ISL_1420418, EPI_ISL_1420419, EPI_ISL_1420420, EPI_ISL_1420421, EPI_ISL_1420422, EPI_ISL_1420423, EPI_ISL_1420424, EPI_ISL_1420425, EPI_ISL_1420426, EPI_ISL_1420427, EPI_ISL_1420428, EPI_ISL_1420533, EPI_ISL_1420535, EPI_ISL_1420570, EPI_ISL_1420571	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_1420888	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Any Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1422164, EPI_ISL_1422165, EPI_ISL_1422166, EPI_ISL_1422167, EPI_ISL_1422168	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani 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_1423388, EPI_ISL_1423390	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_1424118, EPI_ISL_1424119	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Mamdouh Sibai, Daniel Solis, Becky Jiang, Fumiko Yamamoto, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky	
EPI_ISL_1424122, EPI_ISL_1424123	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Becky Jiang, Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky	
EPI_ISL_1424912, EPI_ISL_1424920, EPI_ISL_1424941, EPI_ISL_1424955, EPI_ISL_1424956, EPI_ISL_1424957, EPI_ISL_1424958, EPI_ISL_1424966, EPI_ISL_1424967, EPI_ISL_1425009, EPI_ISL_1425010, EPI_ISL_1425011, EPI_ISL_1425012, EPI_ISL_1425013, EPI_ISL_1425014	see above	Clalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425375, EPI_ISL_1425384, EPI_ISL_1425385, EPI_ISL_1425386, EPI_ISL_1425457	Department of Infectious Diseases, Kobe Institute of Health	Department of Infectious Diseases, Kobe Institute of Health	Ryohei Nomoto, Noriko Nakanishi, Tomotada Iwamoto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1425557	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_1427573, EPI_ISL_1427574, EPI_ISL_1427575	Kanagawa Prefectural Institute of Public Health	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_1427585	Niigata Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, , Makoto Kuroda	
EPI_ISL_1430601, EPI_ISL_1430602, EPI_ISL_1430603	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda	
EPI_ISL_1430639	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda	
EPI_ISL_1430660, EPI_ISL_1430661, EPI_ISL_1430662	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, Eri Nakayama, Motohiko Ogawa, Takahiro Maeki, Shigeru Tanjima, Chang-Kweng Lim, Makoto Kuroda	
EPI_ISL_1435908, EPI_ISL_1435919, EPI_ISL_1435933	University Hospital Centre Split	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1441419, EPI_ISL_1441449, EPI_ISL_1441462, EPI_ISL_1441474, EPI_ISL_1441475, EPI_ISL_1441493, EPI_ISL_1441495, EPI_ISL_1441539	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_1446319	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh	
EPI_ISL_1446972	DC Public Health Lab/ Dept. of Forensic Sciences	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 Schmeurer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1447001	FL Bur. of Public Health Laboratories-Jacksonville	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 Schmeurer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1447029	OR State PHL-Virology/Immunology Section	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 Schmeurer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1447950	20210213554	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli	
EPI_ISL_1447953	20210213607	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli	
EPI_ISL_1447957	20210213570	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli	
EPI_ISL_1447958	20210213566	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli	
EPI_ISL_1447961	20210213546	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta	

Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli			
EPI_ISL_1448453	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_1451151, EPI_ISL_1451155, EPI_ISL_1451156, EPI_ISL_1451161, EPI_ISL_1451168, EPI_ISL_1451177, EPI_ISL_1451184, EPI_ISL_1451186, EPI_ISL_1451190, EPI_ISL_1451202, EPI_ISL_1451207, EPI_ISL_1451213, EPI_ISL_1451217, EPI_ISL_1451218, EPI_ISL_1451229, EPI_ISL_1451230, EPI_ISL_1451236, EPI_ISL_1451247, EPI_ISL_1451248, EPI_ISL_1451250, EPI_ISL_1451253, EPI_ISL_1451257, EPI_ISL_1451258, EPI_ISL_1451259, EPI_ISL_1451262, EPI_ISL_1451283, EPI_ISL_1451289, EPI_ISL_1451297, EPI_ISL_1451298, EPI_ISL_1451299, EPI_ISL_1451305, EPI_ISL_1451306, EPI_ISL_1451312, EPI_ISL_1451330, EPI_ISL_1451331, EPI_ISL_1451337, EPI_ISL_1451340, EPI_ISL_1451348, EPI_ISL_1451352, EPI_ISL_1451361, EPI_ISL_1451365, EPI_ISL_1451374, EPI_ISL_1451377, EPI_ISL_1451379, EPI_ISL_1451391, EPI_ISL_1451401, EPI_ISL_1451403, EPI_ISL_1451405, EPI_ISL_1451414, EPI_ISL_1451419, EPI_ISL_1451426, EPI_ISL_1451430, EPI_ISL_1451431, EPI_ISL_1451438, EPI_ISL_1451455, EPI_ISL_1451456, EPI_ISL_1451458, EPI_ISL_1451468			
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_1454364, EPI_ISL_1454578, EPI_ISL_1454584	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_1455648	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_1455676, EPI_ISL_1456419, EPI_ISL_1456680, EPI_ISL_1456991, EPI_ISL_1456998, EPI_ISL_1457008, EPI_ISL_1457018, EPI_ISL_1457027, EPI_ISL_1457036, EPI_ISL_1457043	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1464192, EPI_ISL_1464210, EPI_ISL_1464227, EPI_ISL_1464236	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