

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

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

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EPI_ISL_1054620, EPI_ISL_1054624, EPI_ISL_1054627, EPI_ISL_1054631, EPI_ISL_1054634, EPI_ISL_1054639, EPI_ISL_1054641, EPI_ISL_1054642, EPI_ISL_1054643, EPI_ISL_1054654, EPI_ISL_1054655, EPI_ISL_1054659, EPI_ISL_1054674, EPI_ISL_1054680	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
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EPI_ISL_1069587, EPI_ISL_1069600, EPI_ISL_1069603, EPI_ISL_1069604, EPI_ISL_1069606, EPI_ISL_1069607, EPI_ISL_1069608, EPI_ISL_1069615, EPI_ISL_1069621, EPI_ISL_1069628, EPI_ISL_1069629, EPI_ISL_1069637, EPI_ISL_1069638, EPI_ISL_1069640, EPI_ISL_1069646, EPI_ISL_1069649, EPI_ISL_1069656	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
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EPI_ISL_1069662, EPI_ISL_1069663, EPI_ISL_1069674, EPI_ISL_1069676, EPI_ISL_1069680, EPI_ISL_1069681, EPI_ISL_1069683, EPI_ISL_1069689, EPI_ISL_1069693, EPI_ISL_1069696, EPI_ISL_1069698, EPI_ISL_1069701, EPI_ISL_1069705, EPI_ISL_1069708, EPI_ISL_1069712, EPI_ISL_1069717, EPI_ISL_1069727, EPI_ISL_1069730, EPI_ISL_1069733, EPI_ISL_1069734, EPI_ISL_1069736, EPI_ISL_1069739, EPI_ISL_1069740, EPI_ISL_1069742, EPI_ISL_1069744, EPI_ISL_1069745, EPI_ISL_1069749, EPI_ISL_1069750, EPI_ISL_1069751, EPI_ISL_1069752	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

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EPI_ISL_1071988		(COG-UK) Consortium	Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
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EPI_ISL_1081227, EPI_ISL_1081228, EPI_ISL_1081229, EPI_ISL_1081230, EPI_ISL_1081241	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
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EPI_ISL_1082532, EPI_ISL_1082535, EPI_ISL_1082536, EPI_ISL_1082537, EPI_ISL_1082539, EPI_ISL_1082541, EPI_ISL_1082543, EPI_ISL_1082544, EPI_ISL_1082547, EPI_ISL_1082549, EPI_ISL_1082550, EPI_ISL_1082553, EPI_ISL_1082554, EPI_ISL_1082558	see above	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
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EPI_ISL_1082939, EPI_ISL_1082945, EPI_ISL_1082949, EPI_ISL_1082957, EPI_ISL_1082959, EPI_ISL_1082960, EPI_ISL_1082965, EPI_ISL_1082968	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
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EPI_ISL_1083044, EPI_ISL_1083056	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_1083084, EPI_ISL_1083093	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_1083124	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_1083132, EPI_ISL_1083133, EPI_ISL_1083139, EPI_ISL_1083141, EPI_ISL_1083146, EPI_ISL_1083163, EPI_ISL_1083181, EPI_ISL_1083187, EPI_ISL_1083196, EPI_ISL_1083203, EPI_ISL_1083219, EPI_ISL_1083228, EPI_ISL_1083230, EPI_ISL_1083255, EPI_ISL_1083265, EPI_ISL_1083269, EPI_ISL_1083271, EPI_ISL_1083286, EPI_ISL_1083288, EPI_ISL_1083307, EPI_ISL_1083321, EPI_ISL_1083327, EPI_ISL_1083329, EPI_ISL_1083361, EPI_ISL_1083364, EPI_ISL_1083368, EPI_ISL_1083375, EPI_ISL_1083384, EPI_ISL_1083390, EPI_ISL_1083396, EPI_ISL_1083397, EPI_ISL_1083402, EPI_ISL_1083425, EPI_ISL_1083432, EPI_ISL_1083446, EPI_ISL_1083448, EPI_ISL_1083455, EPI_ISL_1083457, EPI_ISL_1083460, EPI_ISL_1083464, EPI_ISL_1083811	see above	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	
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_1083817, EPI_ISL_1083826, EPI_ISL_1083829, EPI_ISL_1083834, EPI_ISL_1083839, EPI_ISL_1083841, EPI_ISL_1083842, EPI_ISL_1083843, EPI_ISL_1083844, EPI_ISL_1083845, EPI_ISL_1083846, EPI_ISL_1083847, EPI_ISL_1083850, EPI_ISL_1083855, EPI_ISL_1083856, EPI_ISL_1083857, EPI_ISL_1083861, EPI_ISL_1083862, EPI_ISL_1083863, EPI_ISL_1083864, EPI_ISL_1083865, EPI_ISL_1083867, EPI_ISL_1083869, EPI_ISL_1083872, EPI_ISL_1083873, EPI_ISL_1083874, EPI_ISL_1083875, EPI_ISL_1083876, EPI_ISL_1083879, EPI_ISL_1083880, EPI_ISL_1083883, EPI_ISL_1083884, EPI_ISL_1083886, EPI_ISL_1083887, EPI_ISL_1083889, EPI_ISL_1083890, EPI_ISL_1083896, EPI_ISL_1083898, EPI_ISL_1083900, EPI_ISL_1083904, EPI_ISL_1083906, EPI_ISL_1083909, EPI_ISL_1083910, EPI_ISL_1083912, EPI_ISL_1083913, EPI_ISL_1083915, EPI_ISL_1083916, EPI_ISL_1083917, EPI_ISL_1083919, EPI_ISL_1083926, EPI_ISL_1083929, EPI_ISL_1083930, EPI_ISL_1083932, EPI_ISL_1083933, EPI_ISL_1083934, EPI_ISL_1083935, EPI_ISL_1083937, EPI_ISL_1083938, EPI_ISL_1083940, EPI_ISL_1083941, EPI_ISL_1083943, EPI_ISL_1083944, EPI_ISL_1083945, EPI_ISL_1083946, EPI_ISL_1083948, EPI_ISL_1083950, EPI_ISL_1083953, EPI_ISL_1083954, EPI_ISL_1083956, EPI_ISL_1083958, EPI_ISL_1083961, EPI_ISL_1083963, EPI_ISL_1083965, EPI_ISL_1083967, EPI_ISL_1083968, EPI_ISL_1083970, EPI_ISL_1083972, EPI_ISL_1083974, EPI_ISL_1083975, EPI_ISL_1083980, EPI_ISL_1083981, EPI_ISL_1083982, EPI_ISL_1083983, EPI_ISL_1083985, EPI_ISL_1083987, EPI_ISL_1083990, EPI_ISL_1083991, EPI_ISL_1083992, EPI_ISL_1083994, EPI_ISL_1083996, EPI_ISL_1083999, EPI_ISL_1084000, EPI_ISL_1084002, EPI_ISL_1084003, EPI_ISL_1084005, EPI_ISL_1084006, EPI_ISL_1084014, EPI_ISL_1084015, EPI_ISL_1084016, EPI_ISL_1084017, EPI_ISL_1084018, EPI_ISL_1084019, EPI_ISL_1084023, EPI_ISL_1084024, EPI_ISL_1084025, EPI_ISL_1084026, EPI_ISL_1084027, EPI_ISL_1084028, EPI_ISL_1084030, EPI_ISL_1084032, EPI_ISL_1084033, EPI_ISL_1084034, EPI_ISL_1084035, EPI_ISL_1084036, EPI_ISL_1084038, EPI_ISL_1084039, EPI_ISL_1084041, EPI_ISL_1084043, EPI_ISL_1084046, EPI_ISL_1084049, EPI_ISL_1084050, EPI_ISL_1084051, EPI_ISL_1084053, EPI_ISL_1084054, EPI_ISL_1084056, EPI_ISL_1084057, EPI_ISL_1084058, EPI_ISL_1084060, EPI_ISL_1084061, EPI_ISL_1084063, EPI_ISL_1084064, EPI_ISL_1084067, EPI_ISL_1084068, EPI_ISL_1084070, EPI_ISL_1084072, EPI_ISL_1084073, EPI_ISL_1084075, EPI_ISL_1084077, EPI_ISL_1084078, EPI_ISL_1084081, EPI_ISL_1084082, EPI_ISL_1084083, EPI_ISL_1084084, EPI_ISL_1084085, EPI_ISL_1084086, EPI_ISL_1084087, EPI_ISL_1084089, EPI_ISL_1084090, EPI_ISL_1084092, EPI_ISL_1084094, EPI_ISL_1084096, EPI_ISL_1084097, EPI_ISL_1084098, EPI_ISL_1084100, EPI_ISL_1084101, EPI_ISL_1084103, EPI_ISL_1084105, EPI_ISL_1084109, EPI_ISL_1084111, EPI_ISL_1084112, EPI_ISL_1084113, EPI_ISL_1084114, EPI_ISL_1084116, EPI_ISL_1084117, EPI_ISL_1084119, EPI_ISL_1084120, EPI_ISL_1084121, EPI_ISL_1084122, EPI_ISL_1084123, EPI_ISL_1084124, EPI_ISL_1084125, EPI_ISL_1084126, EPI_ISL_1084127, EPI_ISL_1084128, EPI_ISL_1084131, EPI_ISL_1084132, EPI_ISL_1084134, EPI_ISL_1084136, EPI_ISL_1084138, EPI_ISL_1084139, EPI_ISL_1084140, EPI_ISL_1084142, EPI_ISL_1084144, EPI_ISL_1084147, EPI_ISL_1084150, EPI_ISL_1084152, EPI_ISL_1084153, EPI_ISL_1084154, EPI_ISL_1084156, EPI_ISL_1084157, EPI_ISL_1084158, EPI_ISL_1084159	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_1084176, EPI_ISL_1084177, EPI_ISL_1084181, EPI_ISL_1084183, EPI_ISL_1084194, EPI_ISL_1084195, EPI_ISL_1084198, EPI_ISL_1084207, EPI_ISL_1084208, EPI_ISL_1084212, EPI_ISL_1084218, EPI_ISL_1084221, EPI_ISL_1084224, EPI_ISL_1084236, EPI_ISL_1084250, EPI_ISL_1084257, EPI_ISL_1084264, EPI_ISL_1084274, EPI_ISL_1084276, EPI_ISL_1084280, EPI_ISL_1084286, EPI_ISL_1084301, EPI_ISL_1084303, EPI_ISL_1084305, EPI_ISL_1084312, EPI_ISL_1084314, EPI_ISL_1084315, EPI_ISL_1084319, EPI_ISL_1084328, EPI_ISL_1084329, EPI_ISL_1084334, EPI_ISL_1084337, EPI_ISL_1084345, EPI_ISL_1084346, EPI_ISL_1084348, EPI_ISL_1084360, EPI_ISL_1084361, EPI_ISL_1084369, EPI_ISL_1084375, EPI_ISL_1084378, EPI_ISL_1084390, EPI_ISL_1084407, EPI_ISL_1084425, EPI_ISL_1084431, EPI_ISL_1084433, EPI_ISL_1084434, EPI_ISL_1084436, EPI_ISL_1084437, EPI_ISL_1084443, EPI_ISL_1084447, EPI_ISL_1084450, EPI_ISL_1084451, EPI_ISL_1084454, EPI_ISL_1084461, EPI_ISL_1084468	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_1084469		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_1084479, EPI_ISL_1084490, EPI_ISL_1084498, EPI_ISL_1084501, EPI_ISL_1084523, EPI_ISL_1084532		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_1084546		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_1084573		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_1084794, EPI_ISL_1084795, EPI_ISL_1084796, EPI_ISL_1084797, EPI_ISL_1084798, EPI_ISL_1084799, EPI_ISL_1084800, EPI_ISL_1084801, EPI_ISL_1084802, EPI_ISL_1084803, EPI_ISL_1084804, EPI_ISL_1084805, EPI_ISL_1084806, EPI_ISL_1084807, EPI_ISL_1084808, EPI_ISL_1084809, EPI_ISL_1084810, EPI_ISL_1084811, EPI_ISL_1084895, EPI_ISL_1084896, EPI_ISL_1084897, EPI_ISL_1084898, EPI_ISL_1084899, EPI_ISL_1084900, EPI_ISL_1084901, EPI_ISL_1084902	see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1085100, EPI_ISL_1085102, EPI_ISL_1085180, EPI_ISL_1085182, EPI_ISL_1085183, EPI_ISL_1085187, EPI_ISL_1085197, EPI_ISL_1085198, EPI_ISL_1085199, EPI_ISL_1085208, EPI_ISL_1085211, EPI_ISL_1085220, EPI_ISL_1085221, EPI_ISL_1085226, EPI_ISL_1085228	see above	ASL Napoli 1 Centro	AMES Centro Polidiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica Ianniello, Antonio Fico"
EPI_ISL_1085236		SELAS BC-LAB	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_1085244		Hôpital Pitie-Salpêtrière	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_1085264		G.H.E.F.Grand Hôpital EST Francilien	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085287		Cabinet médical	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_1085288		LISIEUX Cerballiance	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_1085289		Cabinet médical	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_1085290, EPI_ISL_1085291		LABM SAINT MARTIN	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_1085292, EPI_ISL_1085293		CRICQUEBOEUF Cerballiance Normandie	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_1085294		CH Louis Jaillon (Saint-Claude) Laboratoire	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_1085295		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_1085296, EPI_ISL_1085297		Hôpital Européen G-Pompidou-Broussais	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_1085317		LABM SAINT MARTIN	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_1085318		laboratoire Belle Epine	Department of Virology, Henri Mondor University Hospital,	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel

[illegible]

		Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Pawlotsky
EPI_ISL_1085904	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1087366, EPI_ISL_1087375, EPI_ISL_1087384, EPI_ISL_1087391, EPI_ISL_1087392, EPI_ISL_1087396, EPI_ISL_1087405, EPI_ISL_1087407, EPI_ISL_1088011, EPI_ISL_1088014, EPI_ISL_1088015, EPI_ISL_1088018, EPI_ISL_1088020, EPI_ISL_1088022, EPI_ISL_1088023, EPI_ISL_1088026, EPI_ISL_1088027, EPI_ISL_1088028, EPI_ISL_1088030, EPI_ISL_1088036, EPI_ISL_1088039, EPI_ISL_1088048, EPI_ISL_1088054, EPI_ISL_1088060, EPI_ISL_1088067, EPI_ISL_1088071			
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, Nadia Petrillo, Monica Ianniello, Antonio Fico"
EPI_ISL_1089772	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_1091296, EPI_ISL_1091311, EPI_ISL_1091312, EPI_ISL_1091335, EPI_ISL_1091336, EPI_ISL_1091337, EPI_ISL_1091338, EPI_ISL_1091344, EPI_ISL_1091345, EPI_ISL_1091346, EPI_ISL_1091347			
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_1091488	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_1091494, EPI_ISL_1091495, EPI_ISL_1091496, EPI_ISL_1091498, EPI_ISL_1091500, EPI_ISL_1091503, EPI_ISL_1091507, EPI_ISL_1091508, EPI_ISL_1091510, EPI_ISL_1091513, EPI_ISL_1091515, EPI_ISL_1091522, EPI_ISL_1091523, EPI_ISL_1091524, EPI_ISL_1091525, EPI_ISL_1091540, EPI_ISL_1091541, EPI_ISL_1091542, EPI_ISL_1091543, EPI_ISL_1091544, EPI_ISL_1091545, EPI_ISL_1091546, EPI_ISL_1091547, EPI_ISL_1091548, EPI_ISL_1091549, EPI_ISL_1091550, EPI_ISL_1091551, EPI_ISL_1091554			
see above	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_1091970	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hui Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1093186, EPI_ISL_1093226, EPI_ISL_1093233, EPI_ISL_1093237, EPI_ISL_1093245, EPI_ISL_1093261, EPI_ISL_1093262	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_1095399	Istituto Zooprofilattico Sperimentale del Mezzogiorno	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1095445, EPI_ISL_1095446, EPI_ISL_1095447	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1096242	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Martres Pascale
EPI_ISL_1096243	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, Martres Pascale
EPI_ISL_1096244	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Martres Pascale
EPI_ISL_1096253	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Hochart A
EPI_ISL_1096255, EPI_ISL_1096256	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Farfour Eric
EPI_ISL_1096257	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Martres Pascale
EPI_ISL_1097888, EPI_ISL_1097890, EPI_ISL_1097968, EPI_ISL_1097985, EPI_ISL_1097990, EPI_ISL_1097995, EPI_ISL_1098021, EPI_ISL_1098022, EPI_ISL_1098062, EPI_ISL_1098063	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1098844	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1098900, EPI_ISL_1098910, EPI_ISL_1098921, EPI_ISL_1098923, EPI_ISL_1098928, EPI_ISL_1098940, EPI_ISL_1098942, EPI_ISL_1098944, EPI_ISL_1098950, EPI_ISL_1098965, EPI_ISL_1098976, EPI_ISL_1098982, EPI_ISL_1098995, EPI_ISL_1099001, EPI_ISL_1099002, EPI_ISL_1099036, EPI_ISL_1099037, EPI_ISL_1099047, EPI_ISL_1099048, EPI_ISL_1099050, EPI_ISL_1099067, EPI_ISL_1099074, EPI_ISL_1099077, EPI_ISL_1099085, EPI_ISL_1099086, EPI_ISL_1099092, EPI_ISL_1099093, EPI_ISL_1099101, EPI_ISL_1099107, EPI_ISL_1099115, EPI_ISL_1099132, EPI_ISL_1099149, EPI_ISL_1099151, EPI_ISL_1099175, EPI_ISL_1099178, EPI_ISL_1099202, EPI_ISL_1099218, EPI_ISL_1099219, EPI_ISL_1099222, EPI_ISL_1099224, EPI_ISL_1099228, EPI_ISL_1099237, EPI_ISL_1099238, EPI_ISL_1099241, EPI_ISL_1100416, EPI_ISL_1100457, EPI_ISL_1100472, EPI_ISL_1100487, EPI_ISL_1100548, EPI_ISL_1100556, EPI_ISL_1100575, EPI_ISL_1100635, EPI_ISL_1100648, EPI_ISL_1100661, EPI_ISL_1100663, EPI_ISL_1100846, EPI_ISL_1100858, EPI_ISL_1100861, EPI_ISL_1100887, EPI_ISL_1100909, EPI_ISL_1100913, EPI_ISL_1100927, EPI_ISL_1100964			
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_1101431	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_1102042, EPI_ISL_1102049, EPI_ISL_1102064, EPI_ISL_1102131, EPI_ISL_1102133, EPI_ISL_1102135, EPI_ISL_1102145, EPI_ISL_1102156, EPI_ISL_1102199, EPI_ISL_1102201, EPI_ISL_1102202, EPI_ISL_1102208, EPI_ISL_1102211, EPI_ISL_1102221, EPI_ISL_1102222, EPI_ISL_1102225, EPI_ISL_1102250			
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_1102254	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_1102257, EPI_ISL_1102279, EPI_ISL_1102297, EPI_ISL_1102315, EPI_ISL_1102316, EPI_ISL_1102333, EPI_ISL_1102338, EPI_ISL_1102364, EPI_ISL_1102425, EPI_ISL_1102441, EPI_ISL_1102467, EPI_ISL_1102499, EPI_ISL_1102555, EPI_ISL_1102576, EPI_ISL_1102597, EPI_ISL_1102603, EPI_ISL_1102622, EPI_ISL_1102626, EPI_ISL_1102627			
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_1102721, EPI_ISL_1102731, EPI_ISL_1102734, EPI_ISL_1102739, EPI_ISL_1102740, EPI_ISL_1102747, EPI_ISL_1102749, EPI_ISL_1102754, EPI_ISL_1102758, EPI_ISL_1102760, EPI_ISL_1102766, EPI_ISL_1102771, EPI_ISL_1102778, EPI_ISL_1102779, EPI_ISL_1102789, EPI_ISL_1102790, EPI_ISL_1102791, EPI_ISL_1102792, EPI_ISL_1102794, EPI_ISL_1102805, EPI_ISL_1102806, EPI_ISL_1102807, EPI_ISL_1102808, EPI_ISL_1102809, EPI_ISL_1102817, EPI_ISL_1102824, EPI_ISL_1102825, EPI_ISL_1102833, EPI_ISL_1102836, EPI_ISL_1102841, EPI_ISL_1102846, EPI_ISL_1102848, EPI_ISL_1102849, EPI_ISL_1102857, EPI_ISL_1102858, EPI_ISL_1102865, EPI_ISL_1102867, EPI_ISL_1102878, EPI_ISL_1102883, EPI_ISL_1102905, EPI_ISL_1102916, EPI_ISL_1102919, EPI_ISL_1102922, EPI_ISL_1102924, EPI_ISL_1102927, EPI_ISL_1102928, EPI_ISL_1102929, EPI_ISL_1102931, EPI_ISL_1102934, EPI_ISL_1102941, EPI_ISL_1102943, EPI_ISL_1102947, EPI_ISL_1102951, EPI_ISL_1102962, EPI_ISL_1102967, EPI_ISL_1102972, EPI_ISL_1102980, EPI_ISL_1102983, EPI_ISL_1102988, EPI_ISL_1102989, EPI_ISL_1102992, EPI_ISL_1102996, EPI_ISL_1102998, EPI_ISL_1103000, EPI_ISL_1103010, EPI_ISL_1103011, EPI_ISL_1103013, EPI_ISL_1103014, EPI_ISL_1103015, EPI_ISL_1103017, EPI_ISL_1103021, EPI_ISL_1103025, EPI_ISL_1103046, EPI_ISL_1103052			
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_1103104, EPI_ISL_1103105, EPI_ISL_1103106, EPI_ISL_1103107, EPI_ISL_1103108, EPI_ISL_1103109, EPI_ISL_1103110, EPI_ISL_1103111, EPI_ISL_1103112, EPI_ISL_1103113, EPI_ISL_1103114, EPI_ISL_1103115, EPI_ISL_1103116, EPI_ISL_1103117, EPI_ISL_1103118, EPI_ISL_1103119, EPI_ISL_1103120, EPI_ISL_1103121, EPI_ISL_1103122, EPI_ISL_1103123, EPI_ISL_1103124, EPI_ISL_1103125, EPI_ISL_1103126, EPI_ISL_1103127, EPI_ISL_1103128, EPI_ISL_1103129, EPI_ISL_1103130, EPI_ISL_1103131, EPI_ISL_1103132, EPI_ISL_1103133, EPI_ISL_1103134, EPI_ISL_1103135, EPI_ISL_1103136, EPI_ISL_1103137, EPI_ISL_1103138, EPI_ISL_1103139, EPI_ISL_1103140, EPI_ISL_1103141, EPI_ISL_1103142, EPI_ISL_1103143, EPI_ISL_1103144, EPI_ISL_1103145, EPI_ISL_1103146, EPI_ISL_1103147, EPI_ISL_1103148, EPI_ISL_1103149, EPI_ISL_1103150, EPI_ISL_1103151, EPI_ISL_1103152, EPI_ISL_1103153, EPI_ISL_1103154, EPI_ISL_1103155, EPI_ISL_1103156, EPI_ISL_1103157, EPI_ISL_1103158, EPI_ISL_1103159, EPI_ISL_1103160, EPI_ISL_1103161, EPI_ISL_1103162, EPI_ISL_1103163, EPI_ISL_1103165, EPI_ISL_1103166, EPI_ISL_1103168, EPI_ISL_1103169, EPI_ISL_1103171, EPI_ISL_1103172, EPI_ISL_1103173, EPI_ISL_1103174, EPI_ISL_1103175, EPI_ISL_1103176, EPI_ISL_1103177, EPI_ISL_1103178, EPI_ISL_1103179, EPI_ISL_1103180, EPI_ISL_1103182, EPI_ISL_1103183, EPI_ISL_1103184, EPI_ISL_1103185, EPI_ISL_1103186, EPI_ISL_1103187, EPI_ISL_1103188, EPI_ISL_1103189, EPI_ISL_1103190, EPI_ISL_1103191, EPI_ISL_1103192, EPI_ISL_1103193, EPI_ISL_1103194, EPI_ISL_1103195, EPI_ISL_1103196, EPI_ISL_1103197, EPI_ISL_1103198, EPI_ISL_1103199, EPI_ISL_1103200, EPI_ISL_1103201, EPI_ISL_1103202, EPI_ISL_1103203, EPI_ISL_1103204, EPI_ISL_1103205, EPI_ISL_1103207, EPI_ISL_1103208, EPI_ISL_1103211, EPI_ISL_1103212, EPI_ISL_1103213, EPI_ISL_1103214, EPI_ISL_1103215, EPI_ISL_1103216, EPI_ISL_1103218, EPI_ISL_1103219, EPI_ISL_1103220, EPI_ISL_1103221, EPI_ISL_1103222, EPI_ISL_1103223, EPI_ISL_1103224, EPI_ISL_1103225, EPI_ISL_1103226, EPI_ISL_1103227, EPI_ISL_1103228, EPI_ISL_1103229, EPI_ISL_1103230, EPI_ISL_1103231, EPI_ISL_1103232, EPI_ISL_1103233, EPI_ISL_1103234, EPI_ISL_1103235, EPI_ISL_1103236, EPI_ISL_1103237, EPI_ISL_1103238, EPI_ISL_1103239, EPI_ISL_1103241, EPI_ISL_1103242, EPI_ISL_1103243, EPI_ISL_1103245, EPI_ISL_1103246, EPI_ISL_1103247, EPI_ISL_1103248, EPI_ISL_1103249, EPI_ISL_1103251, EPI_ISL_1103251, EPI_ISL_1103252, EPI_ISL_1103254, EPI_ISL_1103255, EPI_ISL_1103256, EPI_ISL_1103257, EPI_ISL_1103259, EPI_ISL_1103260, EPI_ISL_1103261, EPI_ISL_1103262, EPI_ISL_1103263, EPI_ISL_1103264, EPI_ISL_1103265, EPI_ISL_1103266, EPI_ISL_1103267, EPI_ISL_1103268, EPI_ISL_1103269, EPI_ISL_1103270, EPI_ISL_1103271, EPI_ISL_1103272, EPI_ISL_1103273, EPI_ISL_1103274, EPI_ISL_1103275, EPI_ISL_1103276, EPI_ISL_1103277, EPI_ISL_1103278, EPI_ISL_1103279, EPI_ISL_1103280, EPI_ISL_1103281, EPI_ISL_1103282, EPI_ISL_1103283, EPI_ISL_1103284, EPI_ISL_1103286, EPI_ISL_1103287, EPI_ISL_1103288, EPI_ISL_1103289, EPI_ISL_1103290, EPI_ISL_1103291, EPI_ISL_1103294, EPI_ISL_1103295, EPI_ISL_1103296, EPI_ISL_1103297, EPI_ISL_1103298, EPI_ISL_1103355	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_1103594, EPI_ISL_1103597, EPI_ISL_1103599, EPI_ISL_1103601, EPI_ISL_1103602, EPI_ISL_1103603, EPI_ISL_1103604, EPI_ISL_1103606, EPI_ISL_1103609, EPI_ISL_1103618, EPI_ISL_1103622, EPI_ISL_1103627, EPI_ISL_1103632, EPI_ISL_1103635, EPI_ISL_1103637, EPI_ISL_1103640, EPI_ISL_1103641, EPI_ISL_1103642, EPI_ISL_1103643, EPI_ISL_1103647	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_1103898, EPI_ISL_1103904, EPI_ISL_1103905	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_1104191	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research		COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1104275, EPI_ISL_1104277, EPI_ISL_1104278, EPI_ISL_1104279	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_1104543, EPI_ISL_1104544, EPI_ISL_1104545, EPI_ISL_1104546, EPI_ISL_1104547, EPI_ISL_1104548, EPI_ISL_1104549, EPI_ISL_1104554, EPI_ISL_1104556, EPI_ISL_1104558, EPI_ISL_1104560	see above	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_1105306, EPI_ISL_1105313, EPI_ISL_1105320, EPI_ISL_1105336, EPI_ISL_1105338, EPI_ISL_1105344, EPI_ISL_1105345	University College London Hospital		COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_1105439, EPI_ISL_1105441, EPI_ISL_1105442, EPI_ISL_1105445, EPI_ISL_1105451	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust		COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
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EPI_ISL_1105715, EPI_ISL_1105757, EPI_ISL_1105759, EPI_ISL_1105760, EPI_ISL_1105761, EPI_ISL_1105762, EPI_ISL_1105763, EPI_ISL_1105764, EPI_ISL_1105765, EPI_ISL_1105766, EPI_ISL_1105767, EPI_ISL_1105768, EPI_ISL_1105769, EPI_ISL_1105770, EPI_ISL_1105771	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_1106377, EPI_ISL_1106380, EPI_ISL_1106381, EPI_ISL_1106395, EPI_ISL_1106401, EPI_ISL_1106407, EPI_ISL_1106409, EPI_ISL_1106623	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_1106722, EPI_ISL_1106723, EPI_ISL_1106725, EPI_ISL_1106726, EPI_ISL_1106742, EPI_ISL_1106743, EPI_ISL_1106747, EPI_ISL_1106748, EPI_ISL_1106759, EPI_ISL_1106762, EPI_ISL_1106765, EPI_ISL_1106767, EPI_ISL_1106768, EPI_ISL_1106777, EPI_ISL_1106778, EPI_ISL_1106780, EPI_ISL_1106784, EPI_ISL_1106785, EPI_ISL_1106789, EPI_ISL_1106792, EPI_ISL_1106793, EPI_ISL_1106795, EPI_ISL_1106798, EPI_ISL_1106799, EPI_ISL_1106802, EPI_ISL_1106803, EPI_ISL_1106804, EPI_ISL_1106813, EPI_ISL_1106814, EPI_ISL_1106815, EPI_ISL_1106817, EPI_ISL_1106818, EPI_ISL_1106819, EPI_ISL_1106820, EPI_ISL_1106822, EPI_ISL_1106823, EPI_ISL_1106828, EPI_ISL_1106829, EPI_ISL_1106831, EPI_ISL_1106834, EPI_ISL_1106835, EPI_ISL_1106836, EPI_ISL_1106837, EPI_ISL_1106838, EPI_ISL_1106844, EPI_ISL_1106852, EPI_ISL_1106853, EPI_ISL_1106855, EPI_ISL_1106857, EPI_ISL_1106858, EPI_ISL_1106863, EPI_ISL_1106864, EPI_ISL_1106866, EPI_ISL_1106867, EPI_ISL_1106868, EPI_ISL_1106870, EPI_ISL_1106871, EPI_ISL_1106872, EPI_ISL_1106873, EPI_ISL_1106876, EPI_ISL_1106877, EPI_ISL_1106884, EPI_ISL_1106887, EPI_ISL_1106889, EPI_ISL_1106890, EPI_ISL_1106891, EPI_ISL_1106892, EPI_ISL_1106895, EPI_ISL_1106897, EPI_ISL_1106898, EPI_ISL_1106899, EPI_ISL_1106900, EPI_ISL_1106901, EPI_ISL_1106905, EPI_ISL_1106906, EPI_ISL_1106908, EPI_ISL_1106909, EPI_ISL_1106911, EPI_ISL_1106913, EPI_ISL_1106914, EPI_ISL_1106916, EPI_ISL_1106917, EPI_ISL_1106965	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_1107268, EPI_ISL_1107269, EPI_ISL_1107280	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_1107531, EPI_ISL_1107532, EPI_ISL_1107757, EPI_ISL_1107776, EPI_ISL_1107777	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_1109835, EPI_ISL_1109842	Lab voor klinische biologie		Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1109917, EPI_ISL_1109918, EPI_ISL_1109919, EPI_ISL_1109920	AZDelta		AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_1109970, EPI_ISL_1109971	MEPHI, Aix Marseille University		MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1110176	Groupe LCD	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est		Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky

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EPI_ISL_1110202	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_1110376, EPI_ISL_1110377, EPI_ISL_1110378, EPI_ISL_1110379, EPI_ISL_1110380, EPI_ISL_1110381, EPI_ISL_1110383, EPI_ISL_1110384, EPI_ISL_1110385	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_1110390	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Marque Juillet StéPhanie
EPI_ISL_1110391, EPI_ISL_1110392	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Descamps Dominique
EPI_ISL_1110393	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Van Agt S.
EPI_ISL_1110394	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Farfour Eric
EPI_ISL_1110395, EPI_ISL_1110396	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Gros Isabelle
EPI_ISL_1110397	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Febreau Christine
EPI_ISL_1110399, EPI_ISL_1110400	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,Felloni Claire
EPI_ISL_1110401, EPI_ISL_1110402, EPI_ISL_1110403, EPI_ISL_1110404	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_1110405	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,Potiron GréGoire
EPI_ISL_1110406, EPI_ISL_1110407	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Andre-Garnier Elisabeth
EPI_ISL_1110409	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Morvan Pauline
EPI_ISL_1110415, EPI_ISL_1110416, EPI_ISL_1110417	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Van Agt S.
EPI_ISL_1110420	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_1110421	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,
EPI_ISL_1110424, EPI_ISL_1110425, EPI_ISL_1110426, EPI_ISL_1110427	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,Holstein Anne
EPI_ISL_1110430	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,Serazin V
EPI_ISL_1110511, EPI_ISL_1110515	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, 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_1110518, EPI_ISL_1110520	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_1110534, EPI_ISL_1110535	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, 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_1110879, EPI_ISL_1110880	Armies	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Desroches Marine
EPI_ISL_1110881	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Fourgeaud Jacques
EPI_ISL_1110883	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Griscelli Franck
EPI_ISL_1110885	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Pilorge LéA
EPI_ISL_1110886, EPI_ISL_1110887	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Ledru Sylvie
EPI_ISL_1110888, EPI_ISL_1110889	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,Cerballiance Paris
EPI_ISL_1110890, EPI_ISL_1110891	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Riverain Emeline
EPI_ISL_1110892, EPI_ISL_1110893, EPI_ISL_1110894	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_1110897	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Cady Anne

EPI_ISL_1110902, EPI_ISL_1110903, EPI_ISL_1110904, EPI_ISL_1110905	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_1110906, EPI_ISL_1110915	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Gastli Nabil
EPI_ISL_1110916	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Cady Anne
EPI_ISL_1110918	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Vachee Anne
EPI_ISL_1110919, EPI_ISL_1110920, EPI_ISL_1110921	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Engelmann Ilka
EPI_ISL_1110922	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Bernardi Franck
EPI_ISL_1110923	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Gastli Nabil
EPI_ISL_1110924, EPI_ISL_1110925, EPI_ISL_1110926	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, Cerballiance Paris
EPI_ISL_1110927	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_1110928	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Cady Anne
EPI_ISL_1110933, EPI_ISL_1110934, EPI_ISL_1110935	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_1110936, EPI_ISL_1110951	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Gastli Nabil
EPI_ISL_1110953	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Marichal A.
EPI_ISL_1110954	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Engelmann Ilka
EPI_ISL_1111059	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Gros Isabelle
EPI_ISL_1111060	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, Felloni Claire
EPI_ISL_1111718, EPI_ISL_1111738	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_1112265, EPI_ISL_1112276, EPI_ISL_1112279	Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziale Policlinico	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A.
EPI_ISL_1113163	NJ Rapid Response Teams	New Jersey Public Health and Environmental Laboratories (PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1114341	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Hallim, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltnr, 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_1114373	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_1115077	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_1116105	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_1116241	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_1116264, EPI_ISL_1116265, EPI_ISL_1116266, EPI_ISL_1116267, EPI_ISL_1116268, EPI_ISL_1116270, EPI_ISL_1116278, EPI_ISL_1116279, EPI_ISL_1116280, EPI_ISL_1116286, EPI_ISL_1116289			
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_1116476, EPI_ISL_1116484, EPI_ISL_1116489, EPI_ISL_1116490, EPI_ISL_1116499	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_1116846, EPI_ISL_1116847, EPI_ISL_1116864, EPI_ISL_1116986	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1117469, EPI_ISL_1117470, EPI_ISL_1117471, EPI_ISL_1117472	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117473	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_1117485	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117502	SIESP DIP PREV CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri

		Caporale"	P, Savini G
EPI_ISL_1117503	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117504	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_1117714, EPI_ISL_1117724, EPI_ISL_1117726, EPI_ISL_1117740, EPI_ISL_1117755	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1118101, EPI_ISL_1118102, EPI_ISL_1118103, EPI_ISL_1118104	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Løvestad
EPI_ISL_1118829	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1118954, EPI_ISL_1118981, EPI_ISL_1119124, EPI_ISL_1119125, EPI_ISL_1119126, EPI_ISL_1119127, EPI_ISL_1119128, EPI_ISL_1119129, EPI_ISL_1119130, EPI_ISL_1119131, EPI_ISL_1119132, EPI_ISL_1119133, EPI_ISL_1119133, EPI_ISL_1119134, EPI_ISL_1119135, EPI_ISL_1119136, EPI_ISL_1119137, EPI_ISL_1119138			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119139	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119140, EPI_ISL_1119141, EPI_ISL_1119142, EPI_ISL_1119143, EPI_ISL_1119144, EPI_ISL_1119145, EPI_ISL_1119194, EPI_ISL_1119210, EPI_ISL_1119211, EPI_ISL_1119212, EPI_ISL_1119213, EPI_ISL_1119251, EPI_ISL_1119254, EPI_ISL_1119273, EPI_ISL_1119298, EPI_ISL_1119304, EPI_ISL_1119309, EPI_ISL_1119439, EPI_ISL_1119440			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1121038	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_1121196	St. Nikolaus-Hospital Eupen	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_1121890	Department of Health & Mental Hygiene Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1122479, EPI_ISL_1122518, EPI_ISL_1122540, EPI_ISL_1122542, EPI_ISL_1122632, EPI_ISL_1122653, EPI_ISL_1122669, EPI_ISL_1122677, EPI_ISL_1122679, EPI_ISL_1122761	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_1128851, EPI_ISL_1128853	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1132174, EPI_ISL_1132209, EPI_ISL_1132211, EPI_ISL_1132229, EPI_ISL_1132230, EPI_ISL_1132243	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1148737, EPI_ISL_1148790, EPI_ISL_1148921, EPI_ISL_1148957, EPI_ISL_1148973, EPI_ISL_1149055	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1149273	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1150518, EPI_ISL_1150526	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1151634	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152512	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1152513, EPI_ISL_1152516, EPI_ISL_1152521	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1152615	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152624	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1152625, EPI_ISL_1152626, EPI_ISL_1152631, EPI_ISL_1152634, EPI_ISL_1152649	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152654	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152655	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152657	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1152658	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152660	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1152677, EPI_ISL_1152678, EPI_ISL_1152680, EPI_ISL_1152694	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152696	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152713, EPI_ISL_1152733	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152738	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152739, EPI_ISL_1152748, EPI_ISL_1152749	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152751, EPI_ISL_1152753	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152757, EPI_ISL_1152774, EPI_ISL_1152778	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown

EPI_ISL_1152784, EPI_ISL_1152785	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152788, EPI_ISL_1152801, EPI_ISL_1152803	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152814	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152829	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152859, EPI_ISL_1152863, EPI_ISL_1152865, EPI_ISL_1152867, EPI_ISL_1152869	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152871	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152872	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152873, EPI_ISL_1152875, EPI_ISL_1152878	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152880	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152882, EPI_ISL_1152883, EPI_ISL_1152894	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152899, EPI_ISL_1152900	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152903, EPI_ISL_1152904, EPI_ISL_1152905, EPI_ISL_1152906, EPI_ISL_1152907, EPI_ISL_1152911, EPI_ISL_1152912, EPI_ISL_1152914, EPI_ISL_1152917, EPI_ISL_1152920, EPI_ISL_1152921, EPI_ISL_1152924			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152925	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152927, EPI_ISL_1152929, EPI_ISL_1152930, EPI_ISL_1152932, EPI_ISL_1152945, EPI_ISL_1152947	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152953	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152955	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152956	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152957, EPI_ISL_1152958, EPI_ISL_1152967, EPI_ISL_1152968	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152969	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152970, EPI_ISL_1152974, EPI_ISL_1152975, EPI_ISL_1152976, EPI_ISL_1152977	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152979	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152983	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152986	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152988	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152991, EPI_ISL_1152992	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152996	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152997	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152999	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153000	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1153002, EPI_ISL_1153005, EPI_ISL_1153007, EPI_ISL_1153008, EPI_ISL_1153011	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153012	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153013, EPI_ISL_1153018	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153020	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153021	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153026	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153027	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1153031, EPI_ISL_1153033, EPI_ISL_1153034, EPI_ISL_1153035	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153036	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153037, EPI_ISL_1153043, EPI_ISL_1153044	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153046	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153047	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153049	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153050, EPI_ISL_1153051	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153053, EPI_ISL_1153054	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153057	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153058, EPI_ISL_1153060, EPI_ISL_1153061, EPI_ISL_1153064	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153067	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1153069, EPI_ISL_1153070,	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1153071			
EPI_ISL_1153075	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153076	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153077, EPI_ISL_1153078, EPI_ISL_1153080, EPI_ISL_1153082, EPI_ISL_1153085	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153098	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153099	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153102	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1153103, EPI_ISL_1153104, EPI_ISL_1153107, EPI_ISL_1153110, EPI_ISL_1153111, EPI_ISL_1153112, EPI_ISL_1153115	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153243	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	unknown
EPI_ISL_1153250, EPI_ISL_1153251	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1153256	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1153259	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1153260, EPI_ISL_1153261, EPI_ISL_1153269, EPI_ISL_1153278, EPI_ISL_1153286	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1153287	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1153289, EPI_ISL_1153294, EPI_ISL_1153298, EPI_ISL_1153301, EPI_ISL_1153307, EPI_ISL_1153308, EPI_ISL_1153313	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1153322	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1153467	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1153508	Helios Universitätsklinikum Wuppertal: Universität Witten/Herdecke: Institut für Medizinische Labordiagnostik	Robert Koch Institute	unknown
EPI_ISL_1153539, EPI_ISL_1153541, EPI_ISL_1153542, EPI_ISL_1153545	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153547	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153548, EPI_ISL_1153553	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153557	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153558	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
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EPI_ISL_1153561	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
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EPI_ISL_1153577	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
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EPI_ISL_1153582	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153583	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
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EPI_ISL_1153598	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153599	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153602	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
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see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153624	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153625, EPI_ISL_1153626	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153627	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153630	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1154194, EPI_ISL_1154208, EPI_ISL_1154215, EPI_ISL_1154218, EPI_ISL_1154240, EPI_ISL_1154271, EPI_ISL_1154280, EPI_ISL_1154283, EPI_ISL_1154288, EPI_ISL_1154297, EPI_ISL_1154311, EPI_ISL_1154315, EPI_ISL_1154320, EPI_ISL_1154350, EPI_ISL_1154355, EPI_ISL_1154356, EPI_ISL_1154362, EPI_ISL_1154370, EPI_ISL_1154373, EPI_ISL_1154375, EPI_ISL_1154378, EPI_ISL_1154381, EPI_ISL_1154386, EPI_ISL_1154388, EPI_ISL_1154393, EPI_ISL_1154394, EPI_ISL_1154399, EPI_ISL_1154402, EPI_ISL_1154406, EPI_ISL_1154409, EPI_ISL_1154413, EPI_ISL_1154416, EPI_ISL_1154425			
see above	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154440	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154441, EPI_ISL_1154460	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154469	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154486	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154506, EPI_ISL_1154507	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown

EPI_ISL_1154514	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154515	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154519	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154521	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154534	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154542	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154562	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154568, EPI_ISL_1154572	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154581, EPI_ISL_1154583, EPI_ISL_1154584, EPI_ISL_1154585	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154590	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154599	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154600	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154603	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154610, EPI_ISL_1154612	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154617, EPI_ISL_1154619, EPI_ISL_1154621, EPI_ISL_1154622	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154623	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154631, EPI_ISL_1154636	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154641	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154643, EPI_ISL_1154644, EPI_ISL_1154645, EPI_ISL_1154651	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154660	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154661, EPI_ISL_1154670, EPI_ISL_1154672	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154690	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154692, EPI_ISL_1154701	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154703	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154712	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154717	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154729	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154732, EPI_ISL_1154738, EPI_ISL_1154740	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154742	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1154747, EPI_ISL_1154755	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154757	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154765, EPI_ISL_1154767, EPI_ISL_1154770	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154867, EPI_ISL_1154887, EPI_ISL_1154950, EPI_ISL_1154976, EPI_ISL_1155012	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155216	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1155442, EPI_ISL_1155449, EPI_ISL_1155454	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1155493	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1155510	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155522	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1155551	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1155569	Institut für med. Mikrobiologie u. Virologie Klinikum Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1155575, EPI_ISL_1155578, EPI_ISL_1155582, EPI_ISL_1155629, EPI_ISL_1155631, EPI_ISL_1155643, EPI_ISL_1155665, EPI_ISL_1155670, EPI_ISL_1155673, EPI_ISL_1155676, EPI_ISL_1155677, EPI_ISL_1155691, EPI_ISL_1155715			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155717, EPI_ISL_1155722	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1155726, EPI_ISL_1155730, EPI_ISL_1155735, EPI_ISL_1155751, EPI_ISL_1155767, EPI_ISL_1155770, EPI_ISL_1155786	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155822	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1155857, EPI_ISL_1155860, EPI_ISL_1155862, EPI_ISL_1155864, EPI_ISL_1155866, EPI_ISL_1155870, EPI_ISL_1155874, EPI_ISL_1155888, EPI_ISL_1155891, EPI_ISL_1155892, EPI_ISL_1155897			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155908, EPI_ISL_1155910, EPI_ISL_1155914, EPI_ISL_1155917, EPI_ISL_1155926, EPI_ISL_1155934, EPI_ISL_1155938, EPI_ISL_1155942, EPI_ISL_1155945, EPI_ISL_1155952, EPI_ISL_1155954, EPI_ISL_1155964, EPI_ISL_1155981			
see above	Universitätsklinikum Leipzig - Institut für Medizinische Mikrobiologie und Virologie virologisches Labor	Robert Koch Institute	unknown
EPI_ISL_1156280, EPI_ISL_1156329	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown

EPI_ISL_1156365, EPI_ISL_1156370	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1156376	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156422, EPI_ISL_1156424	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156435	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156544, EPI_ISL_1156563, EPI_ISL_1156577, EPI_ISL_1156586, EPI_ISL_1156602, EPI_ISL_1156653, EPI_ISL_1156678, EPI_ISL_1156691, EPI_ISL_1156695, EPI_ISL_1156711, EPI_ISL_1156730, EPI_ISL_1156744, EPI_ISL_1156774			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156782	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156791	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156805	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1156836, EPI_ISL_1156886, EPI_ISL_1156906	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156909, EPI_ISL_1156946	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1157119, EPI_ISL_1157121, EPI_ISL_1157130, EPI_ISL_1157133, EPI_ISL_1157141	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1157853, EPI_ISL_1157854, EPI_ISL_1157856, EPI_ISL_1157858, EPI_ISL_1157860, EPI_ISL_1157865, EPI_ISL_1157870, EPI_ISL_1157873, EPI_ISL_1157880, EPI_ISL_1157885, EPI_ISL_1157886			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1158132, EPI_ISL_1158133, EPI_ISL_1158134, EPI_ISL_1158135, EPI_ISL_1158136, EPI_ISL_1158137, EPI_ISL_1158138, EPI_ISL_1158139, EPI_ISL_1158165	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_1158579	Laboratoire Vivalia - Cliniques St-Joseph	Plateforme de testing Namuroise	Maschietto Céline ; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1158848, EPI_ISL_1158852, EPI_ISL_1158853	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_1159230	Synergy Laboratories	Synergy Laboratories	Megan Cornwell
EPI_ISL_1159723	Atlas Genomics	Atlas Genomics	Michael Kalnoski, MD
EPI_ISL_1165041	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_1165147, EPI_ISL_1165158, EPI_ISL_1165165, EPI_ISL_1165166, EPI_ISL_1165169, EPI_ISL_1165172, EPI_ISL_1165173, EPI_ISL_1165221, EPI_ISL_1165238, EPI_ISL_1165239, EPI_ISL_1165245, EPI_ISL_1165259, EPI_ISL_1165263, EPI_ISL_1165281, EPI_ISL_1165293, EPI_ISL_1165295, EPI_ISL_1165300, EPI_ISL_1165324, EPI_ISL_1165325, EPI_ISL_1165333, EPI_ISL_1165334, EPI_ISL_1165336, EPI_ISL_1165338, EPI_ISL_1165358, EPI_ISL_1165363, EPI_ISL_1165369, EPI_ISL_1165377, EPI_ISL_1165387, EPI_ISL_1165388, EPI_ISL_1165389, EPI_ISL_1165391, EPI_ISL_1165392, EPI_ISL_1165393, EPI_ISL_1165402, EPI_ISL_1165403, EPI_ISL_1165421, EPI_ISL_1165428, EPI_ISL_1165432, EPI_ISL_1165433, EPI_ISL_1165435, EPI_ISL_1165436, EPI_ISL_1165437, EPI_ISL_1165438, EPI_ISL_1165445, EPI_ISL_1165448, EPI_ISL_1165451, EPI_ISL_1165452, EPI_ISL_1165458, EPI_ISL_1165463, EPI_ISL_1165465, EPI_ISL_1165472, EPI_ISL_1165477, EPI_ISL_1165488, EPI_ISL_1165532, EPI_ISL_1165538, EPI_ISL_1165549			
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_1168083	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_1168095	NPC	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1168193, EPI_ISL_1168194	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Hermann CéCile
EPI_ISL_1168195, EPI_ISL_1168196, EPI_ISL_1168197, EPI_ISL_1168198	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,Lecorche
EPI_ISL_1169645	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_1171467, EPI_ISL_1171468, EPI_ISL_1171469	Algemeen Medisch Laboratorium (AML)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_1171513	Cliniques Cud-Luxembourg	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_1171792	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_1174945, EPI_ISL_1174953, EPI_ISL_1174967, EPI_ISL_1174985, EPI_ISL_1175028, EPI_ISL_1175047, EPI_ISL_1175059, EPI_ISL_1175065, EPI_ISL_1175068, EPI_ISL_1175073, EPI_ISL_1175099, EPI_ISL_1175109, EPI_ISL_1175113, EPI_ISL_1175133			
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_1175467, EPI_ISL_1175613, EPI_ISL_1175693, EPI_ISL_1175711	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_1176813, EPI_ISL_1176814, EPI_ISL_1176819, EPI_ISL_1176823, EPI_ISL_1176824, EPI_ISL_1176825, EPI_ISL_1176834, EPI_ISL_1176835, EPI_ISL_1176842, EPI_ISL_1176846, EPI_ISL_1176847, EPI_ISL_1176848, EPI_ISL_1176854, EPI_ISL_1176857, EPI_ISL_1176858, EPI_ISL_1176865, EPI_ISL_1176868, EPI_ISL_1176869, EPI_ISL_1176870, EPI_ISL_1176876, EPI_ISL_1176879, EPI_ISL_1176880, EPI_ISL_1176887, EPI_ISL_1176890, EPI_ISL_1176891, EPI_ISL_1176900, EPI_ISL_1176901			
see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1176902, EPI_ISL_1176903, EPI_ISL_1176905, EPI_ISL_1176907, EPI_ISL_1176909, EPI_ISL_1176914, EPI_ISL_1176915, EPI_ISL_1176917, EPI_ISL_1176924, EPI_ISL_1176925, EPI_ISL_1176926, EPI_ISL_1176927, EPI_ISL_1176929, EPI_ISL_1176934, EPI_ISL_1176935, EPI_ISL_1176936, EPI_ISL_1176937, EPI_ISL_1176938, EPI_ISL_1176939, EPI_ISL_1176940, EPI_ISL_1176946, EPI_ISL_1176948, EPI_ISL_1176949, EPI_ISL_1176952, EPI_ISL_1176953, EPI_ISL_1176954, EPI_ISL_1176955, EPI_ISL_1176956, EPI_ISL_1176957, EPI_ISL_1176958, EPI_ISL_1176959, EPI_ISL_1176960, EPI_ISL_1176964, EPI_ISL_1176967, EPI_ISL_1176968, EPI_ISL_1176969, EPI_ISL_1176975, EPI_ISL_1176977, EPI_ISL_1176978, EPI_ISL_1176979, EPI_ISL_1176981, EPI_ISL_1176986, EPI_ISL_1176987, EPI_ISL_1176991, EPI_ISL_1177000, EPI_ISL_1177001, EPI_ISL_1177005, EPI_ISL_1177006, EPI_ISL_1177009, EPI_ISL_1177010, EPI_ISL_1177016, EPI_ISL_1177017, EPI_ISL_1177021, EPI_ISL_1177022, EPI_ISL_1177023, EPI_ISL_1177027, EPI_ISL_1177028, EPI_ISL_1177033, EPI_ISL_1177042, EPI_ISL_1177044, EPI_ISL_1177054, EPI_ISL_1177056, EPI_ISL_1177062, EPI_ISL_1177064, EPI_ISL_1177066, EPI_ISL_1177072, EPI_ISL_1177073, EPI_ISL_1177074, EPI_ISL_1177076, EPI_ISL_1177082, EPI_ISL_1177083, EPI_ISL_1177084, EPI_ISL_1177085, EPI_ISL_1177090, EPI_ISL_1177091, EPI_ISL_1177092, EPI_ISL_1177093, EPI_ISL_1177102, EPI_ISL_1177103, EPI_ISL_1177104, EPI_ISL_1177111, EPI_ISL_1177112, EPI_ISL_1177113, EPI_ISL_1177114, EPI_ISL_1177120, EPI_ISL_1177121, EPI_ISL_1177122, EPI_ISL_1177127, EPI_ISL_1177128, EPI_ISL_1177129, EPI_ISL_1177130, EPI_ISL_1177139			
see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan

Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust			Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_1177233, EPI_ISL_1177234, EPI_ISL_1177242, EPI_ISL_1177244, EPI_ISL_1177248, EPI_ISL_1177249, EPI_ISL_1177258, EPI_ISL_1177261, EPI_ISL_1177267, EPI_ISL_1177277, EPI_ISL_1177287, EPI_ISL_1177289, EPI_ISL_1177294, EPI_ISL_1177299, EPI_ISL_1177303, EPI_ISL_1177304, EPI_ISL_1177306, EPI_ISL_1177310, EPI_ISL_1177312, EPI_ISL_1177313, EPI_ISL_1177315, EPI_ISL_1177316, EPI_ISL_1177318, EPI_ISL_1177319, EPI_ISL_1177322, EPI_ISL_1177324, EPI_ISL_1177328, EPI_ISL_1177329, EPI_ISL_1177333, EPI_ISL_1177338, EPI_ISL_1177339, EPI_ISL_1177340, EPI_ISL_1177342, EPI_ISL_1177348, EPI_ISL_1177350, EPI_ISL_1177352, EPI_ISL_1177354, EPI_ISL_1177356, EPI_ISL_1177364, EPI_ISL_1177368, EPI_ISL_1177372, EPI_ISL_1177373, EPI_ISL_1177376, EPI_ISL_1177377, EPI_ISL_1177381, EPI_ISL_1177382, EPI_ISL_1177384, EPI_ISL_1177391, EPI_ISL_1177392, EPI_ISL_1177394, EPI_ISL_1177397, EPI_ISL_1177398, EPI_ISL_1177402, EPI_ISL_1177403, EPI_ISL_1177407, EPI_ISL_1177409, EPI_ISL_1177410, EPI_ISL_1177414, EPI_ISL_1177417, EPI_ISL_1177419, EPI_ISL_1177427, EPI_ISL_1177428, EPI_ISL_1177435, EPI_ISL_1177436, EPI_ISL_1177437, EPI_ISL_1177439, EPI_ISL_1177445, EPI_ISL_1177447			
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_1177531, EPI_ISL_1177532, EPI_ISL_1177533, EPI_ISL_1177536, EPI_ISL_1177633	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_1177641	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_1177758, EPI_ISL_1177766, EPI_ISL_1177767, EPI_ISL_1177768, EPI_ISL_1177769	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_1177796	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1177910, EPI_ISL_1177911, EPI_ISL_1177912, EPI_ISL_1177913, EPI_ISL_1177956	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_1177994	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_1178071, EPI_ISL_1178072, EPI_ISL_1178075, EPI_ISL_1178077, EPI_ISL_1178080, EPI_ISL_1178083, EPI_ISL_1178086, EPI_ISL_1178087, EPI_ISL_1178088, EPI_ISL_1178090, EPI_ISL_1178091, EPI_ISL_1178092, EPI_ISL_1178094, EPI_ISL_1178095			
see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1178627, EPI_ISL_1178630, EPI_ISL_1178669, EPI_ISL_1178670, EPI_ISL_1178672, EPI_ISL_1178673, EPI_ISL_1178690	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1178900	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_1179744, EPI_ISL_1179771	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_1180214, EPI_ISL_1180227	Althaia. Xarxa Assistencial Universit�ria de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadell�, 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_1180413	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1180918, EPI_ISL_1180929, EPI_ISL_1180930	Institute for Water Quality and Resource Management, Technical University Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1181057	UW Virology Lab	UW Virology Lab	Pavitra Roychowdhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1181962	CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1184079	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrern S. Lim
EPI_ISL_1184158	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1185843	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_1186084, EPI_ISL_1186091, EPI_ISL_1186092, EPI_ISL_1186093, EPI_ISL_1186094, EPI_ISL_1186095, EPI_ISL_1186096, EPI_ISL_1186098, EPI_ISL_1186099, EPI_ISL_1186100, EPI_ISL_1186106, EPI_ISL_1186107, EPI_ISL_1186109, EPI_ISL_1186110			
see above	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_1187042	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_1187061, EPI_ISL_1187105, EPI_ISL_1187134, EPI_ISL_1187156, EPI_ISL_1187160, EPI_ISL_1187190, EPI_ISL_1187196, EPI_ISL_1187198, EPI_ISL_1187201, EPI_ISL_1187210	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_1189148	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_1189842, EPI_ISL_1189848, EPI_ISL_1189851, EPI_ISL_1189853, EPI_ISL_1189861, EPI_ISL_1189866, EPI_ISL_1189870, EPI_ISL_1189887, EPI_ISL_1189890, EPI_ISL_1189895, EPI_ISL_1189900, EPI_ISL_1189903, EPI_ISL_1189904, EPI_ISL_1189906, EPI_ISL_1189907, EPI_ISL_1189908, EPI_ISL_1189914, EPI_ISL_1189919, EPI_ISL_1189927, EPI_ISL_1189929, EPI_ISL_1189930, EPI_ISL_1189931, EPI_ISL_1189936, EPI_ISL_1189939, EPI_ISL_1189941, EPI_ISL_1189943, EPI_ISL_1189944, EPI_ISL_1189947, EPI_ISL_1189951, EPI_ISL_1189953, EPI_ISL_1189954, EPI_ISL_1189955, EPI_ISL_1189956, EPI_ISL_1189961, EPI_ISL_1189977, EPI_ISL_1189980, EPI_ISL_1189989, EPI_ISL_1189997, EPI_ISL_1190001, EPI_ISL_1190008, EPI_ISL_1190012, EPI_ISL_1190015, EPI_ISL_1190018, EPI_ISL_1190041, EPI_ISL_1190045, EPI_ISL_1190051, EPI_ISL_1190053, EPI_ISL_1190056, EPI_ISL_1190070, EPI_ISL_1190071, EPI_ISL_1190073, EPI_ISL_1190075, EPI_ISL_1190077, EPI_ISL_1190082, EPI_ISL_1190091, EPI_ISL_1190092, EPI_ISL_1190098, EPI_ISL_1190102, EPI_ISL_1190105, EPI_ISL_1190106, EPI_ISL_1190109, EPI_ISL_1190202, EPI_ISL_1190203, EPI_ISL_1190206, EPI_ISL_1190208, EPI_ISL_1190218, EPI_ISL_1190219, EPI_ISL_1190220, EPI_ISL_1190223, EPI_ISL_1190227, EPI_ISL_1190230, EPI_ISL_1190239, EPI_ISL_1190243, EPI_ISL_1190244, EPI_ISL_1190246, EPI_ISL_1190249, EPI_ISL_1190254, EPI_ISL_1190257, EPI_ISL_1190259, EPI_ISL_1190262, EPI_ISL_1190268, EPI_ISL_1190270, EPI_ISL_1190277, EPI_ISL_1190279, EPI_ISL_1190284, EPI_ISL_1190286, EPI_ISL_1190288			
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_1191071	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1191148, EPI_ISL_1191149, EPI_ISL_1191150, EPI_ISL_1191153, EPI_ISL_1191154, EPI_ISL_1191155, EPI_ISL_1191156, EPI_ISL_1191157, EPI_ISL_1191158, EPI_ISL_1191161, EPI_ISL_1191163, EPI_ISL_1191179, EPI_ISL_1191180, EPI_ISL_1191181, EPI_ISL_1191183, EPI_ISL_1191237, EPI_ISL_1191238, EPI_ISL_1191239, EPI_ISL_1191265, EPI_ISL_1191318, EPI_ISL_1191319, EPI_ISL_1191320, EPI_ISL_1191321, EPI_ISL_1191322, EPI_ISL_1191323, EPI_ISL_1191324, EPI_ISL_1191327, EPI_ISL_1191328, EPI_ISL_1191329, EPI_ISL_1191330, EPI_ISL_1191331, EPI_ISL_1191332, EPI_ISL_1191333, EPI_ISL_1191334, EPI_ISL_1191335, EPI_ISL_1191336, EPI_ISL_1191337, EPI_ISL_1191338, EPI_ISL_1191339, EPI_ISL_1191340, EPI_ISL_1191341, EPI_ISL_1191342, EPI_ISL_1191344, EPI_ISL_1191345, EPI_ISL_1191346, EPI_ISL_1191348, EPI_ISL_1191349, EPI_ISL_1191350, EPI_ISL_1191351, EPI_ISL_1191352, EPI_ISL_1191353, EPI_ISL_1191354, EPI_ISL_1191357, EPI_ISL_1191364			
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_1191676	CERBALLIANCE	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_1191678	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_1191703	DYOMEDEA-NEOLAB	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1195229, EPI_ISL_1195230	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	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_1196230	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1196524, EPI_ISL_1196525, EPI_ISL_1196529, EPI_ISL_1196530, EPI_ISL_1196531, EPI_ISL_1196532, EPI_ISL_1196533, EPI_ISL_1196534, EPI_ISL_1196535, EPI_ISL_1196537, EPI_ISL_1196538, EPI_ISL_1196539, EPI_ISL_1196540, EPI_ISL_1196541, EPI_ISL_1196542, EPI_ISL_1196544, EPI_ISL_1196547, EPI_ISL_1196548, EPI_ISL_1196550, EPI_ISL_1196552, EPI_ISL_1196801, EPI_ISL_1196802, EPI_ISL_1196803, EPI_ISL_1196804, EPI_ISL_1196805, EPI_ISL_1196806, EPI_ISL_1196807, EPI_ISL_1196808, EPI_ISL_1196810, EPI_ISL_1196811, EPI_ISL_1196814, EPI_ISL_1196816, EPI_ISL_1196817, EPI_ISL_1196818, EPI_ISL_1196819, EPI_ISL_1196823, EPI_ISL_1196824, EPI_ISL_1196826, EPI_ISL_1196827, EPI_ISL_1196832, EPI_ISL_1196833, EPI_ISL_1196837, EPI_ISL_1196838, EPI_ISL_1196839, EPI_ISL_1196840, EPI_ISL_1196852			
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_1197058, EPI_ISL_1198005	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1198809, EPI_ISL_1198810, EPI_ISL_1198820	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_1200633	Plateforme de testing Namuroise	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1200913, EPI_ISL_1200914	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201025	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201041, EPI_ISL_1201042	Public Health Institute of Meimurje County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201531	Outre Mer	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, Rousset Dominique
EPI_ISL_1201559	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1201635, EPI_ISL_1201636, EPI_ISL_1201637, EPI_ISL_1201638, EPI_ISL_1201639, EPI_ISL_1201640, EPI_ISL_1201641, EPI_ISL_1201643, EPI_ISL_1201644, EPI_ISL_1201645	Regionalne Centrum Kwiadodawstwa i Kwiolecznictwa 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_1201652	WSSE Biaystok	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1201658, EPI_ISL_1201659, EPI_ISL_1201661, EPI_ISL_1201662, EPI_ISL_1201663, EPI_ISL_1201664, EPI_ISL_1201665	Cell-t	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1201680	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_1201682, EPI_ISL_1201683, EPI_ISL_1201686	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_1201761, EPI_ISL_1201763, EPI_ISL_1201764, EPI_ISL_1201765, EPI_ISL_1201767	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1201871	CERBALLIANCE CHARENTES	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_1206175, EPI_ISL_1206349, EPI_ISL_1206467	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_1206520, EPI_ISL_1206537, EPI_ISL_1206549, EPI_ISL_1206565, EPI_ISL_1206574, EPI_ISL_1206576, EPI_ISL_1206579, EPI_ISL_1206584, EPI_ISL_1206588, EPI_ISL_1206591, EPI_ISL_1206594, EPI_ISL_1206599, EPI_ISL_1206601, EPI_ISL_1206612, EPI_ISL_1206639, EPI_ISL_1206641, EPI_ISL_1206659, EPI_ISL_1206660, EPI_ISL_1206697, EPI_ISL_1206700, EPI_ISL_1206717, EPI_ISL_1206718, EPI_ISL_1206728, EPI_ISL_1206730, EPI_ISL_1206737, EPI_ISL_1206744, EPI_ISL_1206749, EPI_ISL_1206770, EPI_ISL_1206774, EPI_ISL_1206784, EPI_ISL_1206787, EPI_ISL_1206799, EPI_ISL_1207089, EPI_ISL_1207454, EPI_ISL_1207459, EPI_ISL_1207586, EPI_ISL_1207624, EPI_ISL_1207635, EPI_ISL_1207646, EPI_ISL_1207655, EPI_ISL_1207663, EPI_ISL_1207669, EPI_ISL_1207709, EPI_ISL_1207738			
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_1208499, EPI_ISL_1208500, EPI_ISL_1208508, EPI_ISL_1208517, EPI_ISL_1208518, EPI_ISL_1208530, EPI_ISL_1208531, EPI_ISL_1208538, EPI_ISL_1208543, EPI_ISL_1208548, EPI_ISL_1208551, EPI_ISL_1208558, EPI_ISL_1208562, EPI_ISL_1208565, EPI_ISL_1208566, EPI_ISL_1208568, EPI_ISL_1208570, EPI_ISL_1208571, EPI_ISL_1208776, EPI_ISL_1208777, EPI_ISL_1208782, EPI_ISL_1208784, EPI_ISL_1208789, EPI_ISL_1208791, EPI_ISL_1208792, EPI_ISL_1208794, EPI_ISL_1208797, EPI_ISL_1208807, EPI_ISL_1208808, EPI_ISL_1208809, EPI_ISL_1208812, EPI_ISL_1208819, EPI_ISL_1208822, EPI_ISL_1208824, EPI_ISL_1208832, EPI_ISL_1208842, EPI_ISL_1208843, EPI_ISL_1208844			
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 Pärer, Verónica Saludes, Alba Sánchez, and Elisa Martíro on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1210527	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 Vlaji, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1210709, EPI_ISL_1210712, EPI_ISL_1210713	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1210802	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1210811	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1210843	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1210858	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1210862	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1210914, EPI_ISL_1210955,	SYNLAB MVZ Trier	Robert Koch Institute	unknown

EPI_ISL_1210972			
EPI_ISL_1210985	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1210993	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211032	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1211053	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1211068	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1211151, EPI_ISL_1211303, EPI_ISL_1211341	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1211888	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1211892	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1211894	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1211895	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1211896, EPI_ISL_1211899	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1211902	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1212507, EPI_ISL_1212521, EPI_ISL_1212570	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1212608, EPI_ISL_1212695, EPI_ISL_1212717, EPI_ISL_1212815	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1212848	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1213287, EPI_ISL_1213426	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1213845	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1214265, EPI_ISL_1214270, EPI_ISL_1214430, EPI_ISL_1214469, EPI_ISL_1214513, EPI_ISL_1214518, EPI_ISL_1214620, EPI_ISL_1214768, EPI_ISL_1214912, EPI_ISL_1215167	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_1215568, EPI_ISL_1215575, EPI_ISL_1215590, EPI_ISL_1215613	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1215630	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1215676	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1216495	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1216625, EPI_ISL_1216683	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1216814, EPI_ISL_1216942	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1217973, EPI_ISL_1218064	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218739, EPI_ISL_1218758, EPI_ISL_1218760, EPI_ISL_1218790, EPI_ISL_1218791, EPI_ISL_1218797, EPI_ISL_1218799, EPI_ISL_1218800, EPI_ISL_1218804, EPI_ISL_1218805, EPI_ISL_1218807, EPI_ISL_1218808, EPI_ISL_1218809, EPI_ISL_1218812, EPI_ISL_1218849			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219366	BIOR	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Irena Meistere, Daina Pule, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219539	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219564, EPI_ISL_1219567	LIC	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219609	BIOR	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Irena Meistere, Daina Pule, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1219746, EPI_ISL_1219761, EPI_ISL_1219770	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_1220310	CENTRE HOSPITALIER DU HAUT BUGEY	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220318, EPI_ISL_1220320	GH BORDEAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220329	SELAS ASTRALAB	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220335, EPI_ISL_1220342	CH VALENCE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220343	CH NIORT	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220344, EPI_ISL_1220347	CH TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1220881, EPI_ISL_1220886, EPI_ISL_1220888, EPI_ISL_1220890, EPI_ISL_1220891, EPI_ISL_1220893	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, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1223172, EPI_ISL_1223179, EPI_ISL_1223227, EPI_ISL_1223230, EPI_ISL_1223259, EPI_ISL_1223260, EPI_ISL_1223293, EPI_ISL_1223296, EPI_ISL_1223321, EPI_ISL_1223351, EPI_ISL_1223368, EPI_ISL_1223371, EPI_ISL_1223382, EPI_ISL_1223427, EPI_ISL_1224511, EPI_ISL_1224527, EPI_ISL_1224569, EPI_ISL_1224576, EPI_ISL_1224597, EPI_ISL_1224656			
see above	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian

(COG-UK) Consortium		Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1224815, EPI_ISL_1224816, EPI_ISL_1224817, EPI_ISL_1225185, EPI_ISL_1225186, EPI_ISL_1225187, EPI_ISL_1225188, EPI_ISL_1225189, EPI_ISL_1225190, EPI_ISL_1225191, EPI_ISL_1225192, EPI_ISL_1225193, EPI_ISL_1225194, EPI_ISL_1225195, EPI_ISL_1225196, EPI_ISL_1225197, EPI_ISL_1225198			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225593, EPI_ISL_1225606	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_1225607	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_1225619, EPI_ISL_1225622, EPI_ISL_1225631, EPI_ISL_1225632, EPI_ISL_1225633, EPI_ISL_1225688, EPI_ISL_1225715	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_1225726	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_1226573	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_1226574	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226578, EPI_ISL_1226667	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_1231589, EPI_ISL_1231591, EPI_ISL_1231593, EPI_ISL_1231595, EPI_ISL_1231596, EPI_ISL_1231599, EPI_ISL_1231600, EPI_ISL_1231601, EPI_ISL_1231603, EPI_ISL_1231685, EPI_ISL_1231721, EPI_ISL_1231722, EPI_ISL_1231724, EPI_ISL_1231725, EPI_ISL_1231726			
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1232256, EPI_ISL_1232279, EPI_ISL_1232290, EPI_ISL_1232473, EPI_ISL_1232480, EPI_ISL_1232490, EPI_ISL_1232491, EPI_ISL_1232573, EPI_ISL_1232797, EPI_ISL_1232846, EPI_ISL_1232866, EPI_ISL_1232873, EPI_ISL_1232884, EPI_ISL_1232892, EPI_ISL_1232900, EPI_ISL_1232923			
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_1233317, EPI_ISL_1233318, EPI_ISL_1233320, EPI_ISL_1233323, EPI_ISL_1233345	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1234403	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_1234425	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_1237404, EPI_ISL_1237413, EPI_ISL_1237445	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_1239377, EPI_ISL_1239410	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_1239411, EPI_ISL_1239416	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_1239546	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_1239555, EPI_ISL_1239564	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_1239597	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_1239606	Laboratorium Genetyczne Alab Plus 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_1239638, EPI_ISL_1239639, EPI_ISL_1239640, EPI_ISL_1239641, EPI_ISL_1239642	WSSE Olsztyn	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1239676	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_1240306	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_1240788	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D., Song,X.
EPI_ISL_1242065, EPI_ISL_1242090, EPI_ISL_1242139, EPI_ISL_1242163, EPI_ISL_1242194, EPI_ISL_1242248	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_1242282, EPI_ISL_1242294, EPI_ISL_1242296, EPI_ISL_1242300, EPI_ISL_1242303, EPI_ISL_1242305, EPI_ISL_1242306, EPI_ISL_1242308, EPI_ISL_1242310, EPI_ISL_1242311, EPI_ISL_1242312, EPI_ISL_1242313, EPI_ISL_1242317, EPI_ISL_1242318, EPI_ISL_1242319, EPI_ISL_1242324, EPI_ISL_1242325, EPI_ISL_1242326, EPI_ISL_1242329, EPI_ISL_1242331, EPI_ISL_1242333, EPI_ISL_1242335, EPI_ISL_1242338, EPI_ISL_1242339, EPI_ISL_1242342, EPI_ISL_1242344, EPI_ISL_1242349, EPI_ISL_1242351, EPI_ISL_1242352, EPI_ISL_1242355, EPI_ISL_1242356, EPI_ISL_1242361, EPI_ISL_1242362, EPI_ISL_1242366, EPI_ISL_1242369, EPI_ISL_1242370, EPI_ISL_1242375, EPI_ISL_1242377, EPI_ISL_1242381, EPI_ISL_1242386, EPI_ISL_1242388, EPI_ISL_1242391, EPI_ISL_1242394, EPI_ISL_1242400, EPI_ISL_1242402, EPI_ISL_1242404, EPI_ISL_1242406, EPI_ISL_1242407, EPI_ISL_1242408, EPI_ISL_1242409, EPI_ISL_1242411, EPI_ISL_1242413, EPI_ISL_1242415, EPI_ISL_1242418, EPI_ISL_1242422, EPI_ISL_1242429, EPI_ISL_1242433, EPI_ISL_1242436, EPI_ISL_1242441, EPI_ISL_1242442, EPI_ISL_1242445, EPI_ISL_1242447, EPI_ISL_1242448, EPI_ISL_1242450, EPI_ISL_1242455, EPI_ISL_1242456, EPI_ISL_1242458, EPI_ISL_1242461, EPI_ISL_1242465, EPI_ISL_1242469, EPI_ISL_1242471, EPI_ISL_1242473, EPI_ISL_1242474, EPI_ISL_1242476, EPI_ISL_1242480, EPI_ISL_1242486, EPI_ISL_1242488, EPI_ISL_1242494, EPI_ISL_1242495, EPI_ISL_1242502, EPI_ISL_1242504, EPI_ISL_1242506, EPI_ISL_1242515, EPI_ISL_1242520, EPI_ISL_1242522, EPI_ISL_1242530, EPI_ISL_1242537, EPI_ISL_1242538, EPI_ISL_1242543, EPI_ISL_1243447, EPI_ISL_1243458, EPI_ISL_1243459, EPI_ISL_1243472, EPI_ISL_1243474, EPI_ISL_1243476, EPI_ISL_1243493, EPI_ISL_1243499, EPI_ISL_1243508, EPI_ISL_1243516, EPI_ISL_1243521, EPI_ISL_1243546, EPI_ISL_1243575, EPI_ISL_1243578, EPI_ISL_1243585, EPI_ISL_1243586, EPI_ISL_1243589, EPI_ISL_1243590, EPI_ISL_1243591, EPI_ISL_1243607, EPI_ISL_1243611			
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_1247033, EPI_ISL_1247034, EPI_ISL_1247038, EPI_ISL_1247039, EPI_ISL_1247040	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_1247372, EPI_ISL_1247376, EPI_ISL_1247381	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_1247661, EPI_ISL_1247663, EPI_ISL_1247665, EPI_ISL_1247666, EPI_ISL_1247667	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1247701, EPI_ISL_1247702	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_1247874	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_1248545, EPI_ISL_1248546, EPI_ISL_1248548, EPI_ISL_1248549, EPI_ISL_1248551, EPI_ISL_1248552, EPI_ISL_1248553, EPI_ISL_1248554, EPI_ISL_1248555, EPI_ISL_1248556, EPI_ISL_1248557, EPI_ISL_1248558, EPI_ISL_1248559, EPI_ISL_1248560, EPI_ISL_1248561, EPI_ISL_1248562, EPI_ISL_1248563, EPI_ISL_1248564, EPI_ISL_1248565, EPI_ISL_1248566, EPI_ISL_1248567, EPI_ISL_1248568, EPI_ISL_1248569, EPI_ISL_1248570, EPI_ISL_1248572, EPI_ISL_1248573, EPI_ISL_1248574, EPI_ISL_1248575, EPI_ISL_1248576, EPI_ISL_1248577	see above	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_1248866, EPI_ISL_1248867	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
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EPI_ISL_1249152, EPI_ISL_1249153, EPI_ISL_1249155, EPI_ISL_1249161, EPI_ISL_1249166, EPI_ISL_1249167, EPI_ISL_1249171, EPI_ISL_1249172, EPI_ISL_1249173, EPI_ISL_1249176, EPI_ISL_1249182, EPI_ISL_1249184, EPI_ISL_1249185, EPI_ISL_1249188, EPI_ISL_1249189, EPI_ISL_1249190, EPI_ISL_1249191	see above	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_1249282	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_1250243, EPI_ISL_1250247	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 Tutil, 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_1250340	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
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EPI_ISL_1250646, EPI_ISL_1250647, EPI_ISL_1250648, EPI_ISL_1250649, EPI_ISL_1250652	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 Vlaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1253960, EPI_ISL_1253961	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_1257081, EPI_ISL_1257082, EPI_ISL_1257147, EPI_ISL_1257193, EPI_ISL_1257207, EPI_ISL_1257209, EPI_ISL_1257218, EPI_ISL_1257221, EPI_ISL_1257233, EPI_ISL_1257242	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_1259038, EPI_ISL_1259047, EPI_ISL_1259050, EPI_ISL_1259051, EPI_ISL_1259060, EPI_ISL_1259061, EPI_ISL_1259062, EPI_ISL_1259066, EPI_ISL_1259067, EPI_ISL_1259068, EPI_ISL_1259074, EPI_ISL_1259084, EPI_ISL_1259086, EPI_ISL_1259087, EPI_ISL_1259097, EPI_ISL_1259100, EPI_ISL_1259105, EPI_ISL_1259111, EPI_ISL_1259115, EPI_ISL_1259119, EPI_ISL_1259124, EPI_ISL_1259125, EPI_ISL_1259126, EPI_ISL_1259127, EPI_ISL_1259130, EPI_ISL_1259132, EPI_ISL_1259133, EPI_ISL_1259138, EPI_ISL_1259139, EPI_ISL_1259145, EPI_ISL_1259146, EPI_ISL_1259150, EPI_ISL_1259151, EPI_ISL_1259153	see above	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.
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EPI_ISL_1261471, EPI_ISL_1261472	HOSPITAL LOS ARCOS	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. Camara, M
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EPI_ISL_1261500, EPI_ISL_1261501	HOSPITAL LOS ARCOS	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. Camara, M
EPI_ISL_1262115	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_1262121, EPI_ISL_1262124, EPI_ISL_1262126	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonís, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Roman, S.
EPI_ISL_1264960, EPI_ISL_1264962, EPI_ISL_1264973, EPI_ISL_1264974, EPI_ISL_1265025, EPI_ISL_1265031, EPI_ISL_1265033, EPI_ISL_1265037, EPI_ISL_1265041, EPI_ISL_1265055, EPI_ISL_1265060, EPI_ISL_1265068, EPI_ISL_1265069, EPI_ISL_1265075, EPI_ISL_1265079, EPI_ISL_1265084, EPI_ISL_1265099, EPI_ISL_1265103, EPI_ISL_1265124, EPI_ISL_1265127, EPI_ISL_1265133, EPI_ISL_1265138			
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EPI_ISL_1265641, EPI_ISL_1265642, EPI_ISL_1265643	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_1265685	NOVELAB Ingels-Vignon	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_1265694	SELARL MIRIALIS CLUSES	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_1265770	CHU LIMOGES	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_1265774, EPI_ISL_1265775	SELAS MIRIALIS	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_1265777	CHU CLERMONT FERRAND	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_1265785	LABORATOIRE ORIADE	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_1265787, EPI_ISL_1265788, EPI_ISL_1265789	CH BASTIA	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_1265790, EPI_ISL_1265791	SELAS ASTRALAB	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_1265792, EPI_ISL_1265793, EPI_ISL_1265794	CH ALBI	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_1265796	SELAS BIOLAB AVENIR - CLINIQUE PASTEUR	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1265799	CHMS CHAMBERY	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_1267254	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1273120, EPI_ISL_1273123, EPI_ISL_1273125	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
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EPI_ISL_1275713, EPI_ISL_1275726, EPI_ISL_1276892, EPI_ISL_1276909, EPI_ISL_1276944, EPI_ISL_1277146, EPI_ISL_1277202, EPI_ISL_1277204	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_1278170, EPI_ISL_1278171, EPI_ISL_1278172, EPI_ISL_1278173, EPI_ISL_1278174, EPI_ISL_1278175, EPI_ISL_1278176, EPI_ISL_1278177, EPI_ISL_1278178, EPI_ISL_1278179, EPI_ISL_1278180, EPI_ISL_1278181, EPI_ISL_1278182, EPI_ISL_1278183, EPI_ISL_1278184, EPI_ISL_1278185, EPI_ISL_1278186, EPI_ISL_1278187			
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EPI_ISL_1278318, EPI_ISL_1278338, EPI_ISL_1278339, EPI_ISL_1278342	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_1278418, EPI_ISL_1278450, EPI_ISL_1278526, EPI_ISL_1278527, EPI_ISL_1278587, EPI_ISL_1278588, EPI_ISL_1278589, EPI_ISL_1278590, EPI_ISL_1278591, EPI_ISL_1278592, EPI_ISL_1278700, EPI_ISL_1278701, EPI_ISL_1278708, EPI_ISL_1278714, EPI_ISL_1278723, EPI_ISL_1278727, EPI_ISL_1278728, EPI_ISL_1278733, EPI_ISL_1278734			
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EPI_ISL_1280752	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1280772	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1280773, EPI_ISL_1280776	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1285401	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1287409	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1287740	CH ALBI	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
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EPI_ISL_1291217, EPI_ISL_1291218, EPI_ISL_1291219, EPI_ISL_1291220, EPI_ISL_1291221, EPI_ISL_1291222, EPI_ISL_1291223, EPI_ISL_1291224, EPI_ISL_1291225, EPI_ISL_1291226, EPI_ISL_1291227, EPI_ISL_1291228, EPI_ISL_1291229, EPI_ISL_1291230, EPI_ISL_1291231, EPI_ISL_1291232, EPI_ISL_1291233, EPI_ISL_1291234, EPI_ISL_1291236, EPI_ISL_1291274, EPI_ISL_1291275, EPI_ISL_1291276, EPI_ISL_1291278, EPI_ISL_1291279, EPI_ISL_1291280, EPI_ISL_1291286, EPI_ISL_1291306			

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EPI_ISL_1291390, EPI_ISL_1291395, EPI_ISL_1291399, EPI_ISL_1291412, EPI_ISL_1291415, EPI_ISL_1291416, EPI_ISL_1291417, EPI_ISL_1291422, EPI_ISL_1291425, EPI_ISL_1291446, EPI_ISL_1291447, EPI_ISL_1291448, EPI_ISL_1291449, EPI_ISL_1291450, EPI_ISL_1291455, EPI_ISL_1291462, EPI_ISL_1291463, EPI_ISL_1291471, EPI_ISL_1291475, EPI_ISL_1291517, EPI_ISL_1291560, EPI_ISL_1291561, EPI_ISL_1291562, EPI_ISL_1291564, EPI_ISL_1291565, EPI_ISL_1291567, EPI_ISL_1291570, EPI_ISL_1291574, EPI_ISL_1291575, EPI_ISL_1291576, EPI_ISL_1291577, EPI_ISL_1291578, EPI_ISL_1291579, EPI_ISL_1291580, EPI_ISL_1291582			
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_1292858, EPI_ISL_1292965	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_1292977	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_1292994	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_1295336	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295802, EPI_ISL_1295807	Rady Children's Hospital - San Diego	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1296259	Laboratorio Analisi Osp. Città di Castello - Azienda USL Umbria1	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Malaggi V, Tacconi P, Mencacci A, Camilloni B,Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1296261	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_1296265	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, ScaccettiA,Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1296625, EPI_ISL_1296626, EPI_ISL_1296628, EPI_ISL_1296631, EPI_ISL_1296632	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1298239, EPI_ISL_1298246	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_1298251, EPI_ISL_1298253	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_1299273, EPI_ISL_1299284	Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr
EPI_ISL_1300277	Klinisk mikrobiologi	The Public Health Agency of Sweden	Samuel Ohman, Maria Lind Karlberg, Anna-Malin Linde, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Wlaia, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1300402	Texas Department of State Health Services - TXDSHS	Texas Department of State Health Services - TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1302006	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1302868	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthozouz, Nikolai Ivanov, Manuel Peitsch
EPI_ISL_1308504	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_1308604, EPI_ISL_1308610, EPI_ISL_1308620, EPI_ISL_1308622, EPI_ISL_1308623, EPI_ISL_1308624, EPI_ISL_1308626, EPI_ISL_1308627, EPI_ISL_1308630, EPI_ISL_1308632, EPI_ISL_1308636, EPI_ISL_1308637			
see above	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton,Aaron Jeffries,Michelle Michelsen,Joanna Warwick-Dugdale,Audrey Farbos,Robyn Manley,Stephen Michell,Jane Masoli
EPI_ISL_1308725, EPI_ISL_1308749, EPI_ISL_1308750, EPI_ISL_1308751	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 A, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1308905, EPI_ISL_1308909, EPI_ISL_1308914, EPI_ISL_1308915	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_1309151, EPI_ISL_1309221, EPI_ISL_1309476, EPI_ISL_1309477, EPI_ISL_1309496, EPI_ISL_1309497	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_1309763	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_1310301, EPI_ISL_1310302, EPI_ISL_1310321, EPI_ISL_1310326, EPI_ISL_1310328, EPI_ISL_1310329, EPI_ISL_1310331	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_1310879, EPI_ISL_1310925, EPI_ISL_1311040, EPI_ISL_1311136,	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_1311138, EPI_ISL_1311142, EPI_ISL_1311193			
EPI_ISL_1311851	Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr
EPI_ISL_1312949, EPI_ISL_1312979	CHU NIMES	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_1313179	LaboratoireMedicinsk Centrum Gotland	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 Sylvin, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1313181, EPI_ISL_1313361	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 Sylvin, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1317219, EPI_ISL_1317238	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_1317260	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_1317365	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_1317366, EPI_ISL_1317367, EPI_ISL_1317368, EPI_ISL_1317369, EPI_ISL_1317370	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_1317371, EPI_ISL_1317372, EPI_ISL_1317373	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_1317374, EPI_ISL_1317375, EPI_ISL_1317376	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_1317377	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_1317378	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_1317379	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_1318223	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suixiang Tong
EPI_ISL_1319284, EPI_ISL_1319288, EPI_ISL_1319290, EPI_ISL_1319299, EPI_ISL_1319300, EPI_ISL_1319306, EPI_ISL_1319335, EPI_ISL_1319336, EPI_ISL_1319340, EPI_ISL_1319433	Synlab Eesti OÜ	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko et al.
EPI_ISL_1321406, EPI_ISL_1321408, EPI_ISL_1321409, EPI_ISL_1321410, EPI_ISL_1321411, EPI_ISL_1321412, EPI_ISL_1321413, EPI_ISL_1321414, EPI_ISL_1321415, EPI_ISL_1321416, EPI_ISL_1321417, EPI_ISL_1321418, EPI_ISL_1321419			
see above	National Institute of Public Health	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1321700	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_1322493, EPI_ISL_1322671	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_1324070, EPI_ISL_1324079, EPI_ISL_1324092	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_1324489, EPI_ISL_1324582, EPI_ISL_1324636, EPI_ISL_1324639	Anteja laboratorija (UAB Diagnostikos laboratorija)	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas, Ingrida Olendraite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1333475	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_1333510	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_1333829	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_1335968, EPI_ISL_1335977	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, Suixiang Tong, Duncan MacCannell
EPI_ISL_1336965, EPI_ISL_1337038, EPI_ISL_1337062, EPI_ISL_1337065, EPI_ISL_1337066, EPI_ISL_1337067, EPI_ISL_1337069, EPI_ISL_1337070, EPI_ISL_1337078, EPI_ISL_1337079, EPI_ISL_1337080, EPI_ISL_1337082, EPI_ISL_1337083, EPI_ISL_1337084, EPI_ISL_1337085, EPI_ISL_1337086, EPI_ISL_1337087, EPI_ISL_1337088, EPI_ISL_1337089, EPI_ISL_1337092, EPI_ISL_1337119, EPI_ISL_1337130, EPI_ISL_1337136, EPI_ISL_1337137, EPI_ISL_1337139, EPI_ISL_1337140, EPI_ISL_1337141, EPI_ISL_1337143, EPI_ISL_1337144, EPI_ISL_1337145, EPI_ISL_1337146, EPI_ISL_1337150, EPI_ISL_1337201, EPI_ISL_1337204, EPI_ISL_1337213, EPI_ISL_1337214			
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, Suixiang Tong, Duncan MacCannell
EPI_ISL_1337795	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_1341041, EPI_ISL_1341053, EPI_ISL_1341143	1. Główny Inspektorat Sanitarny; 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Diagnostyka Laboratoria Lukasz 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_1344571, EPI_ISL_1344653	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_1346890, EPI_ISL_1346891, EPI_ISL_1346892, EPI_ISL_1346893, EPI_ISL_1346895, EPI_ISL_1346896, EPI_ISL_1346897, EPI_ISL_1346898, EPI_ISL_1346899, EPI_ISL_1346900, EPI_ISL_1346901, EPI_ISL_1346902, EPI_ISL_1346903, EPI_ISL_1346904, EPI_ISL_1346905, EPI_ISL_1346906, EPI_ISL_1346907			
see above	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1347154, EPI_ISL_1347160,	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für	Center of Medical Microbiology, Virology, and Hospital	Maximilian Damagnez;Alexander Dilthey;Patrick Finzer;Katrin Hoffmann;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica

EPI_ISL_1347165, EPI_ISL_1347187 EPI_ISL_1348162	Labormedizin, Genetik, Zytologie, Pathologie Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Hygiene, University of Duesseldorf Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann;Rainer Zotz Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1353438, EPI_ISL_1353449, EPI_ISL_1353458, EPI_ISL_1353463	Universitätsklinikum Münster Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1357083, EPI_ISL_1357096, EPI_ISL_1357115, EPI_ISL_1357152, EPI_ISL_1357171, EPI_ISL_1357232	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1357625, EPI_ISL_1357626	Baltic Medics	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_1360151, EPI_ISL_1360162, EPI_ISL_1360175, EPI_ISL_1360210, EPI_ISL_1360223, EPI_ISL_1360233, EPI_ISL_1360237, EPI_ISL_1360243 EPI_ISL_1360389	Hospital Universitari Bellvitge 1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).	Microbiology Department 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)	Sara Marti, Aida Gonzalez-Diaz, Laura Calatayud, Jordi Niubó, Miguel Fernandez-Huerta, Carmen Ardanuy, Jordi Camara, M Angeles Dominguez 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 Marzinotto, Andreina Baj, Fausto Sessa, Massimiliano Chetta, Marina Tarsitano, Giusy Giordano, Marcello Ametrano, Mariano Fiorenza, Caivano Antonella, D'Auria Fiorella, De Luca Luciana.
EPI_ISL_1361511, EPI_ISL_1361536, EPI_ISL_1361566	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Sempri, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1363872, EPI_ISL_1363873, EPI_ISL_1363874, EPI_ISL_1363993, EPI_ISL_1363994, EPI_ISL_1364270, EPI_ISL_1364271, EPI_ISL_1364272, EPI_ISL_1364306, EPI_ISL_1364307, EPI_ISL_1364308, EPI_ISL_1364309, EPI_ISL_1364310, EPI_ISL_1364312, EPI_ISL_1364313, EPI_ISL_1364339	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_1366299, EPI_ISL_1366300 EPI_ISL_1366498	Sharp HealthCare Laboratory 1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).	Andersen lab at Scripps Research 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)	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar Giorgio Giurato, Francesca Rizzo, Alessandro Weisz, 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 Marzinotto, Andreina Baj, Fausto Sessa, Massimiliano Chetta, Marina Tarsitano, Giusy Giordano, Marcello Ametrano, Mariano Fiorenza, Caivano Antonella, D'Auria Fiorella, De Luca Luciana.
EPI_ISL_1369193	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_1369963, EPI_ISL_1369982, EPI_ISL_1369988, EPI_ISL_1369995 EPI_ISL_1370022, EPI_ISL_1370024, EPI_ISL_1370033, EPI_ISL_1370035, EPI_ISL_1370039	Dutch COVID-19 response team CHUV	National Institute for Public Health and the Environment (RIVM) Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	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 Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370052, EPI_ISL_1370054, EPI_ISL_1370056, EPI_ISL_1370058, EPI_ISL_1370060, EPI_ISL_1370063, EPI_ISL_1370065, EPI_ISL_1370067, EPI_ISL_1370071, EPI_ISL_1370073, EPI_ISL_1370088	EHNv	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_1370951, EPI_ISL_1370959, EPI_ISL_1370966, EPI_ISL_1370979, EPI_ISL_1370985, EPI_ISL_1370991, EPI_ISL_1371001, EPI_ISL_1371006, EPI_ISL_1371633, EPI_ISL_1371638, EPI_ISL_1371643	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_1372924	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Erelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtenäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1373841	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_1380863, EPI_ISL_1380873,	KU Leuven, Rega Institute, Clinical and Epidemiological	KU Leuven, Rega Institute, Clinical and Epidemiological	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes

EPI_ISL_1381006, EPI_ISL_1381008, EPI_ISL_1381010, EPI_ISL_1381011, EPI_ISL_1381012, EPI_ISL_1381013	Virology	Virology	
EPI_ISL_1381156	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Hecquet Denise
EPI_ISL_1383593, EPI_ISL_1383595, EPI_ISL_1383597, EPI_ISL_1383600, EPI_ISL_1383601, EPI_ISL_1383603	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1383904, EPI_ISL_1383906	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_1384099, EPI_ISL_1384101, EPI_ISL_1384102	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_1386450	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_1386647	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colqhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1387146, EPI_ISL_1387151	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_1388164, EPI_ISL_1388348, EPI_ISL_1388423	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_1388516, EPI_ISL_1388528, EPI_ISL_1388530	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Simon Fuchs, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388587, EPI_ISL_1388598	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_1396833	CH. CHARLES NICOLLE	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_1399957	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1401288, EPI_ISL_1401289, EPI_ISL_1401290	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1416331	Microbiology and Virology Laboratory, "Policlinico Riuniti, Azienda Ospedaliero Universitaria, Foggia"	Microbiology and Virology Laboratory, "Policlinico Riuniti, Azienda Ospedaliero Universitaria, Foggia"	Fabio Arena, Settimia Altamura, Donatella Cedola, Valeria Delli Carri, Annamaria D'Aprile, Maria Rosaria Lipsi, Loris Micelli, Maria Pia Patrizio, Daniela Pisanelli, Tiziana Rollo, Maurizio Margaglione and Rosella De Nittis.
EPI_ISL_1417521, EPI_ISL_1417774, EPI_ISL_1417996, EPI_ISL_1417997, EPI_ISL_1417998, EPI_ISL_1417999, EPI_ISL_1418087, EPI_ISL_1418334, EPI_ISL_1418515, EPI_ISL_1418598, EPI_ISL_1418599, EPI_ISL_1418600, EPI_ISL_1418601, EPI_ISL_1419928, EPI_ISL_1419937, EPI_ISL_1419942, EPI_ISL_1419963, EPI_ISL_1419965, EPI_ISL_1419970, EPI_ISL_1420002, EPI_ISL_1420211, EPI_ISL_1420212, EPI_ISL_1420213, EPI_ISL_1420214, EPI_ISL_1420215, EPI_ISL_1420216, EPI_ISL_1420217, EPI_ISL_1420218, EPI_ISL_1420219, EPI_ISL_1420220, EPI_ISL_1420221, EPI_ISL_1420222, EPI_ISL_1420223, EPI_ISL_1420224, EPI_ISL_1420453, EPI_ISL_1420454, EPI_ISL_1420455, EPI_ISL_1420456, EPI_ISL_1420457, EPI_ISL_1420458, EPI_ISL_1420459, EPI_ISL_1420562	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	
EPI_ISL_1424898, EPI_ISL_1424915, EPI_ISL_1424916, EPI_ISL_1424960, EPI_ISL_1425000, EPI_ISL_1425001, EPI_ISL_1425047, EPI_ISL_1425048, EPI_ISL_1425049, EPI_ISL_1425065	Claalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425369	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_1427571	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_1433900	ASTRALAB LIMOGES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1441423, EPI_ISL_1441454	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_1443037	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Borges et al
EPI_ISL_1444800, EPI_ISL_1444802, EPI_ISL_1444803, EPI_ISL_1444811, EPI_ISL_1444814	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_1446988	FL Bureau of Public Health Laboratories-Tampa	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447031, EPI_ISL_1447033, EPI_ISL_1447034, EPI_ISL_1447037, EPI_ISL_1447038, EPI_ISL_1447039, EPI_ISL_1447042	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447045	VA-Division of Consolidated Laboratory Services	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447056, EPI_ISL_1447057	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447060	NYC Department of Health and Mental Hygiene	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer

EPI_ISL_1451234	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1455862, EPI_ISL_1455864, EPI_ISL_1457006, EPI_ISL_1457016, EPI_ISL_1457035	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	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_1464116, EPI_ISL_1464132, EPI_ISL_1464135, EPI_ISL_1464144, EPI_ISL_1464154, EPI_ISL_1464162, EPI_ISL_1464163, EPI_ISL_1464168, EPI_ISL_1464180, EPI_ISL_1464193, EPI_ISL_1464204, EPI_ISL_1464205, EPI_ISL_1464212, EPI_ISL_1464228, EPI_ISL_1464237, EPI_ISL_1464238, EPI_ISL_1464244, EPI_ISL_1464245, EPI_ISL_1464256	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Ryanne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
see above			Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff